Value of work done
Volume terms
Trend estimates
—— Total
— New residential

## Mar Mar Mar Mar Mar 19911993199519971999

## MARCH QTR KEY FIGURES

| TREND ESTIMATES(a) | $\begin{aligned} & \text { Mar qtr } 99 \\ & \$ m \end{aligned}$ | Dec qtr 98 to Mar qtr 99 \% change | Mar qtr 98 to <br> Mar qtr 99 <br> \% change |
| :---: | :---: | :---: | :---: |
| Value of work done | 8208.5 | 0.3 | 2.8 |
| New residential building | 4083.8 | -0.4 | 2.6 |
| Alterations and additions to residential buildings | 780.0 | - | 0.8 |
| Non-residential building | 3367.9 | 0.9 | 4.5 |

Dec qtr 98 to Mar qtr 99 \% change
0.3 2.8 2.6

## Mar qtr 99

 \$m8244.9
4172.4
824.6
3247.8

Dec qtr 98 to Mar qtr 99 \% change
-3.1
Mar qtr 98 to
SEASONALLY ADJUSTED(a)
Value of work done
New residential building
Alterations and additions to residential buildings
Non-residential building
a) Chain volume measures, reference year 1996-97.

## MARCH QTR KEY POINTS

## VALUE OF WORK DONE, VOLUME TERMS

## TREND ESTIMATES

- Total building work done has flattened, rising slightly (by $0.3 \%$ ) in the March quarter 1999, the same as the increase in the previous quarter. The estimate was $2.8 \%$ higher when compared with a year earlier, and is at the highest level since the December quarter 1989.
- New residential building work done fell slightly (by $0.4 \%$ ), the second successive quarterly fall.
- Non-residential building work done, however, continued the steady growth evident for the last six quarters, rising by $0.9 \%$ in the March quarter 1999 .

SEASONALLY ADJUSTED ESTIMATES

- Total building work done fell by $3.1 \%$ in the March quarter. This was the result of falls of $7.8 \%$ in non-residential work and $0.9 \%$ in new residential work, partly offset by an increase of $6.6 \%$ in alterations and additions to residential buildings.


## ORIGINAL ESTIMATES

- Total building work done fell by $16.0 \%$ in the March quarter, with the non-residential sector down by $21.2 \%$ and the new residential sector down by $11.6 \%$. All States and Territories recorded falls in total work done, with the Northern Territory recording the highest percentage fall ( $-29.6 \%$ ), followed by Tasmania (-29.4\%) and Queensland (-26.2\%).


## NOTES

FORTHCOMING ISSUES

CHANGES IN THIS ISSUE

SIGNIFICANT REVISIONS THIS QUARTER

ISSUE (Quarter) RELEASE DATE
June 199913 October 1999
September 1999 19 January 2000

The total number of dwelling units commenced during the December quarter 1998 has been revised upwards by 1,032 (2.9\%) for Australia, including 453 (4.0\%) in New South Wales, 301 (3.2\%) in Victoria and 205 (2.7\%) in Queensland.

The total value of building work commenced during the December quarter 1998 has been revised upwards by $\$ 322.1 \mathrm{~m}$ ( $4.0 \%$ ), with residential building increasing by $\$ 146.4 \mathrm{~m}(3.0 \%)$ and non-residential building increasing by $\$ 175.6 \mathrm{~m}$ (5.5\%).
Contributors to the non-residential increase included Victoria $\$ 56.0 \mathrm{~m}$ (up by $5.6 \%$ ), Queensland $\$ 35.8 \mathrm{~m}$ (6.6\%), Tasmania $\$ 16.3 \mathrm{~m}$ (54.0\%) and the Australian Capital Territory $\$ 16.0 \mathrm{~m}$ (49.1\%).

[^0]
## VALUE OF WORK COMMENCED: Volume terms

TREND ESTIMATES

|  | Mar qtr 99 | Dec qtr 98 to Mar qtr 99 | Mar qtr 98 to Mar qtr 99 |
| :---: | :---: | :---: | :---: |
|  | \$m | \% change | \% change |
| TREND ESTIMATES(a) |  |  |  |
| Value of building work commenced | 7461.4 | -4.5 | -9.2 |
| New residential building | 3994.1 | -2.3 | -2.9 |
| Alterations and additions to residential buildings | 751.1 | -1.2 | -2.4 |
| Non-residential building | 2765.6 | -6.7 | -17.2 |

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

- The trend estimate for the total value of building work commenced fell by $4.5 \%$ in the March quarter. This is the fourth successive quarterly fall with the rate of decline increasing.
- Commencements of both new residential building work and alterations and additions to residential buildings fell during the March quarter and have now fallen for each of the last three quarters.
- With a fall of $6.7 \%$ in the latest quarter, non-residential commencements have now fallen for each of the last five quarters and by $17.2 \%$ over the last 12 months.

Value of work commenced in volume terms, trend


- Total building work commenced fell by $7.3 \%$ to $\$ 7,276.1 \mathrm{~m}$ during the March quarter. This was due to a $20.1 \%$ decline in the value of non-residential building. New residential commencements rose by $2.1 \%$, with new houses up by $1.0 \%$ and other residential building up by $5.3 \%$.


## NUMBER OF DWELLING UNITS COMMENCED

|  | Mar qtr 99 | $\begin{array}{r} \text { Dec qtr } 98 \text { to } \\ \text { Mar qtr } 99 \end{array}$ | Mar qtr 98 to Mar qtr 99 |
| :---: | :---: | :---: | :---: |
|  | no. | \% change | \% change |
| TREND ESTIMATES |  |  |  |
| Dwelling units commenced |  |  |  |
| New private sector houses | 23653 | -3.0 | -7.4 |
| Total dwelling units | 35827 | -3.3 | -5.4 |
| SEASONALLY ADJUSTED |  |  |  |
| Dwelling units commenced |  |  |  |
| New private sector houses | 23911 | 0.8 | -6.4 |
| Total dwelling units | 35701 | -1.8 | -4.5 |

## TREND ESTIMATES

- The trend estimate for commencements of new private sector houses fell by $3.0 \%$ in the March quarter following falls in the two previous quarters.
- The total number of dwelling units commenced fell by $3.3 \%$ in the March quarter and also followed falls in the two previous quarters. The latest level is $5.4 \%$ fewer than a year earlier.

Dwelling units commenced, trend


## SEASONALLY ADJUSTED ESTIMATES

- In seasonally adjusted terms, the total number of dwelling units commenced fell by $1.8 \%$ in the latest quarter, although commencements of new private sector houses rose by $0.8 \%$.


## ORIGINAL ESTIMATES

- The total number of dwelling units commenced during the March quarter fell by $9.5 \%$ to 33,680 compared with a fall of $9.0 \%$ to 35,192 in the March quarter 1998.
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TABLE 1. VALUE OF BUILDING WORK DONE, CHAIN VOLUME MEASURES(a): ALL SERIES (\$ million)

| Period | New residential building |  |  |  | Alterations and additions to residential buildings | Non-residential building |  | Total building |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Houses |  | Other residential building | Total |  | Private sector | Total | Private sector | Total |
|  | Private sector | Total |  |  |  |  |  |  |  |
| ORIGINAL |  |  |  |  |  |  |  |  |  |
| 1995-96 | 9,177.6 | 9,391.4 | 3,780.9 | 13,172.7 | 2,572.1 | 8,382.6 | 11,486.3 | 23,525.8 | 27,237.3 |
| 1996-97 | 9,125.9 | 9,288.7 | 3,760.7 | 13,049.3 | 2,569.9 | 9,413.3 | 12,754.8 | 24,490.2 | 28,374.1 |
| 1997-98 | 10,958.0 | 11,148.9 | 4,369.6 | 15,518.5 | 2,990.1 | 9,364.5 | 12,849.5 | 27,411.8 | 31,358.2 |
| 1997 Dec. qtr | 2,837.8 | 2,889.9 | 1,067.5 | 3,957.4 | 822.4 | 2,454.5 | 3,348.7 | 7,120.8 | 8,128.6 |
| 1998 Mar. qtr | 2,632.7 | 2,670.6 | 1,031.1 | 3,701.7 | 693.9 | 2,176.0 | 2,984.3 | 6,475.6 | 7,379.9 |
| June qtr | 2,874.9 | 2,925.9 | 1,216.5 | 4,142.4 | 786.1 | 2,287.3 | 3,215.1 | 7,080.3 | 8,143.6 |
| Sept. qtr | 2,881.6 | 2,952.6 | 1,246.2 | 4,198.8 | 804.1 | 2,556.2 | 3,334.9 | 7,401.4 | 8,337.9 |
| Dec. qtr | 2,977.7 | 3,057.6 | 1,336.0 | 4,393.6 | 861.1 | 2,790.4 | 3,725.2 | 7,896.6 | 8,979.9 |
| 1999 Mar. qtr | 2,673.6 | 2,729.0 | 1,152.8 | 3,881.8 | 728.4 | 2,109.7 | 2,935.5 | 6,600.2 | 7,545.8 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 2,684.0 | 2,736.1 | 1,045.1 | 3,781.2 | 739.0 | 2,300.7 | 3,169.4 | 6,726.8 | 7,689.5 |
| 1998 Mar. qtr | 2,836.4 | 2,883.1 | 1,098.3 | 3,981.4 | 786.1 | 2,430.8 | 3,313.6 | 7,080.9 | 8,081.1 |
| June qtr | 2,870.4 | 2,919.3 | 1,231.4 | 4,150.8 | 780.8 | 2,326.0 | 3,193.1 | 7,101.2 | 8,124.6 |
| Sept. qtr | 2,837.9 | 2,900.8 | 1,177.0 | 4,077.8 | 801.2 | 2,401.9 | 3,194.6 | 7,147.7 | 8,073.5 |
| Dec. qtr | 2,818.8 | 2,897.1 | 1,312.4 | 4,209.5 | 773.4 | 2,611.1 | 3,522.4 | 7,460.9 | 8,505.3 |
| 1999 Mar. qtr | 2,879.5 | 2,944.6 | 1,227.8 | 4,172.4 | 824.6 | 2,347.6 | 3,247.8 | 7,211.0 | 8,244.9 |
| TREND ESTIMATES |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 2,702.6 | 2,749.8 | 1,049.8 | 3,799.4 | 736.0 | 2,327.5 | 3,188.2 | 6,748.0 | 7,724.4 |
| 1998 Mar. qtr | 2,810.6 | 2,858.3 | 1,114.9 | 3,979.3 | 774.1 | 2,358.9 | 3,223.3 | 6,982.0 | 7,982.5 |
| June qtr | 2,854.2 | 2,907.8 | 1,184.2 | 4,091.4 | 789.6 | 2,388.0 | 3,244.8 | 7,136.7 | 8,117.5 |
| Sept. qtr | 2,849.1 | 2,911.5 | 1,230.0 | 4,113.0 | 785.1 | 2,418.6 | 3,291.8 | 7,231.5 | 8,161.2 |
| Dec. qtr | 2,844.0 | 2,913.7 | 1,253.7 | 4,102.0 | 780.3 | 2,437.3 | 3,337.3 | 7,293.2 | 8,183.9 |
| 1999 Mar. qtr | 2,852.0 | 2,925.5 | 1,259.8 | 4,083.8 | 780.0 | 2,446.4 | 3,367.9 | 7,332.2 | 8,208.5 |

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

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

| Period | New residential building |  |  |  | Alterations <br> and additions to residential buildings | Non-residential building |  | Total building |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Houses |  | Other residential building | Total |  | Private sector | Total | Private sector | Total |
|  | Private sector | Total |  |  |  |  |  |  |  |
| ORIGINAL (\% change from previous period) |  |  |  |  |  |  |  |  |  |
| 1995-96 | -20.4 | -20.2 | -17.5 | -19.5 | -3.6 | 18.9 | 13.2 | -7.7 | -6.7 |
| 1996-97 | -0.6 | -1.1 | -0.5 | -0.9 | -0.1 | 12.3 | 11.0 | 4.1 | 4.2 |
| 1997-98 | 20.1 | 20.0 | 16.2 | 18.9 | 16.4 | -0.5 | 0.7 | 11.9 | 10.5 |
| 1997 Dec. qtr | 8.6 | 8.5 | 1.2 | 6.5 | 19.6 | 0.3 | 1.4 | 5.7 | 5.5 |
| 1998 Mar. qtr | -7.2 | -7.6 | -3.4 | -6.5 | -15.6 | -11.3 | -10.9 | -9.1 | -9.2 |
| June qtr | 9.2 | 9.6 | 18.0 | 11.9 | 13.3 | 5.1 | 7.7 | 9.3 | 10.3 |
| Sept. qtr | 0.2 | 0.9 | 2.4 | 1.4 | 2.3 | 11.8 | 3.7 | 4.5 | 2.4 |
| Dec. qtr | 3.3 | 3.6 | 7.2 | 4.6 | 7.1 | 9.2 | 11.7 | 6.7 | 7.7 |
| 1999 Mar. qtr | -10.2 | -10.7 | -13.7 | -11.6 | -15.4 | -24.4 | -21.2 | -16.4 | -16.0 |
| SEASONALLY ADJUSTED (\% change from previous quarter) |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 4.6 | 4.8 | 5.0 | 4.9 | 8.0 | -0.3 | -0.1 | 3.4 | 3.0 |
| 1998 Mar. qtr | 5.7 | 5.4 | 5.1 | 5.3 | 6.4 | 5.7 | 4.5 | 5.3 | 5.1 |
| June qtr | 1.2 | 1.3 | 12.1 | 4.3 | -0.7 | -4.3 | -3.6 | 0.3 | 0.5 |
| Sept. qtr | -1.1 | -0.6 | -4.4 | -1.8 | 2.6 | 3.3 | - | 0.7 | -0.6 |
| Dec. qtr | -0.7 | -0.1 | 11.5 | 3.2 | -3.5 | 8.7 | 10.3 | 4.4 | 5.3 |
| 1999 Mar. qtr | 2.2 | 1.6 | $-6.4$ | -0.9 | 6.6 | -10.1 | -7.8 | -3.3 | -3.1 |
| TREND ESTIMATES (\% change from previous quarter) |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 5.3 | 5.2 | 5.0 | 5.2 | 5.2 | 1.6 | 0.7 | 3.7 | 3.3 |
| 1998 Mar. qtr | 4.0 | 3.9 | 6.2 | 4.7 | 5.2 | 1.3 | 1.1 | 3.5 | 3.3 |
| June qtr | 1.6 | 1.7 | 6.2 | 2.8 | 2.0 | 1.2 | 0.7 | 2.2 | 1.7 |
| Sept. qtr | -0.2 | 0.1 | 3.9 | 0.5 | -0.6 | 1.3 | 1.4 | 1.3 | 0.5 |
| Dec. qtr | -0.2 | 0.1 | 1.9 | -0.3 | $-0.6$ | 0.8 | 1.4 | 0.9 | 0.3 |
| 1999 Mar. qtr | 0.3 | 0.4 | 0.5 | -0.4 | - | 0.4 | 0.9 | 0.5 | 0.3 |

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

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

| (\$ million) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | New residential building |  |  |  | Alterations <br> and additions to residential buildings | Non-residential building |  | Total building |  |
|  | Houses |  | Other residential building | Total |  | Private sector | Total | Private sector | Total |
|  | Private sector | Total |  |  |  |  |  |  |  |
| ORIGINAL |  |  |  |  |  |  |  |  |  |
| 1995-96 | 8,766.6 | 8,961.9 | 3,708.4 | 12,668.7 | 2,385.6 | 8,279.3 | 11,130.1 | 22,735.1 | 26,190.0 |
| 1996-97 | 9,263.1 | 9,429.8 | 3,749.4 | 13,179.2 | 2,564.6 | 8,792.8 | 12,388.8 | 24,041.6 | 28,132.5 |
| 1997-98 | 11,190.9 | 11,390.7 | 4,550.4 | 15,941.3 | 3,000.8 | 9,456.1 | 13,759.9 | 27,888.8 | 32,702.0 |
| 1997 Dec. qtr | 2,970.0 | 3,016.4 | 1,217.2 | 4,233.7 | 773.4 | 2,721.0 | 3,391.1 | 7,625.9 | 8,398.2 |
| 1998 Mar. qtr | 2,596.6 | 2,643.4 | 1,092.4 | 3,735.8 | 707.5 | 2,189.3 | 3,384.8 | 6,511.9 | 7,828.1 |
| June qtr | 2,974.9 | 3,026.6 | 1,184.7 | 4,211.3 | 787.5 | 2,365.3 | 3,391.6 | 7,202.8 | 8,390.4 |
| Sept. qtr | 3,051.4 | 3,153.3 | 1,259.6 | 4,412.9 | 798.5 | 2,390.3 | 2,925.6 | 7,425.6 | 8,137.0 |
| Dec. qtr | 2,929.9 | 3,002.1 | 1,056.8 | 4,058.9 | 809.0 | 2,284.0 | 3,149.8 | 7,023.3 | 8,017.6 |
| 1999 Mar. qtr | 2,628.0 | 2,674.3 | 1,084.2 | 3,758.5 | 652.7 | 1,866.8 | 2,664.9 | 6,159.4 | 7,076.1 |


| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 Dec. qtr | 2,855.5 | 2,907.0 | 1,214.4 | 4,121.4 | 726.2 | n.a. | 3,363.8 | 7,298.4 | 8,211.4 |
| 1998 Mar. qtr | 2,841.1 | 2,891.6 | 1,119.5 | 4,011.1 | 800.9 | n.a. | 3,179.2 | 6,715.2 | 7,991.2 |
| June qtr | 2,923.9 | 2,974.2 | 1,162.2 | 4,136.4 | 755.5 | n.a. | 3,389.2 | 7,202.4 | 8,281.1 |
| Sept. qtr | 2,965.3 | 3,056.2 | 1,265.9 | 4,322.0 | 784.6 | n.a. | 3,112.2 | 7,580.6 | 8,218.8 |
| Dec. qtr | 2,814.1 | 2,890.2 | 1,053.2 | 3,943.4 | 762.0 | n.a. | 3,140.6 | 6,712.1 | 7,846.0 |
| 1999 Mar. qtr | 2,869.5 | 2,919.4 | 1,108.5 | 4,027.9 | 739.6 | n.a. | 2,508.5 | 6,337.0 | 7,276.1 |


| TREND ESTIMATES |  |  |  |  |  |  |  |  |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 Dec. qtr | $2,768.0$ | $2,816.2$ | $1,131.4$ | $3,947.3$ | 745.3 | $2,356.8$ | $3,463.9$ | $6,925.1$ |
| 1998 Mar. qtr | $2,884.5$ | $2,936.0$ | $1,176.3$ | $4,112.0$ | 769.2 | $2,370.8$ | $3,340.3$ | $7,104.0$ |
| June qtr | $2,925.2$ | $2,989.3$ | $1,186.2$ | $4,175.6$ | 779.2 | $2,415.7$ | $3,256.0$ | $7,229.1$ |
| Sept. qtr | $2,907.2$ | $2,980.5$ | $1,168.1$ | $4,148.7$ | 772.6 | $2,376.3$ | $3,174.2$ | $7,167.2$ |
| Dec. qtr | $2,879.9$ | $2,952.5$ | $1,135.1$ | $4,087.7$ | 759.9 | $2,197.9$ | $2,964.1$ | $6,892.2$ |
| 1999 Mar. qtr | $2,843.3$ | $2,907.3$ | $1,089.2$ | $3,994.1$ | 751.1 | $1,952.7$ | $2,765.6$ | $6,460.9$ |

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

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


[^1]TABLE 5. VALUE OF BUILDING WORK DONE, CHAIN VOLUME MEASURES(a), BY STATE: ORIGINAL

## (\$ million)

| (\$ milion) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | NSW | Vic. | Qld | SA | WA | Tas. | $N T$ | ACT | Aust. |
| NEW RESIDENTIAL BUILDING |  |  |  |  |  |  |  |  |  |
| 1995-96 | 4,800.0 | 2,581.6 | 3,118.9 | 522.2 | 1,518.1 | 223.1 | 171.9 | 235.0 | 13,172.7 |
| 1996-97 | 4,714.4 | 2,610.2 | 3,158.4 | 490.5 | 1,504.6 | 192.6 | 178.2 | 200.3 | 13,049.3 |
| 1997-98 | 5,417.9 | 3,519.8 | 3,660.3 | 605.4 | 1,755.4 | 165.2 | 229.3 | 165.0 | 15,518.5 |
| 1997 Dec. qtr | 1,374.4 | 886.7 | 949.1 | 158.3 | 448.5 | 41.4 | 53.6 | 45.3 | 3,957.4 |
| 1998 Mar. qtr | 1,333.3 | 827.5 | 843.7 | 148.0 | 420.8 | 38.0 | 54.8 | 35.6 | 3,701.7 |
| June qtr | 1,473.7 | 978.4 | 932.9 | 155.3 | 460.6 | 39.4 | 62.7 | 39.5 | 4,142.4 |
| Sept. qtr | 1,514.6 | 997.9 | 911.9 | 175.4 | 449.1 | 34.4 | 67.1 | 48.0 | 4,198.8 |
| Dec. qtr | 1,561.2 | 1,099.3 | 885.7 | 183.1 | 490.9 | 38.5 | 86.7 | 47.8 | 4,393.6 |
| 1999 Mar. qtr | 1,441.6 | 974.5 | 680.8 | 164.2 | 475.6 | 34.9 | 60.8 | 48.9 | 3,881.8 |



NON-RESIDENTIAL BUILDING

| 1995-96 | 3,993.7 | 2,907.8 | 2,446.6 | 547.6 | 832.2 | 196.5 | 242.8 | 319.0 | 11,486.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 4,366.4 | 3,252.4 | 2,522.9 | 663.2 | 1,063.0 | 218.2 | 267.0 | 401.9 | 12,754.8 |
| 1997-98 | 4,932.8 | 2,849.5 | 2,552.3 | 668.8 | 1,112.7 | 158.1 | 206.6 | 368.6 | 12,849.5 |
| 1997 Dec. qtr | 1,328.2 | 695.8 | 652.1 | 193.4 | 298.6 | 44.3 | 49.3 | 86.9 | 3,348.7 |
| 1998 Mar. qtr | 1,160.8 | 661.9 | 598.1 | 145.3 | 258.3 | 37.1 | 47.6 | 75.2 | 2,984.3 |
| June qtr | 1,161.4 | 748.5 | 705.2 | 146.3 | 246.2 | 36.7 | 61.3 | 109.5 | 3,215.1 |
| Sept. qtr | 1,248.2 | 847.5 | 667.9 | 155.9 | 221.0 | 42.8 | 68.4 | 83.2 | 3,334.9 |
| Dec. qtr | 1,459.4 | 956.2 | 701.5 | 152.5 | 235.3 | 58.2 | 64.6 | 97.5 | 3,725.2 |
| 1999 Mar. qtr | 1,202.6 | 710.4 | 498.4 | 123.5 | 231.9 | 31.3 | 45.3 | 92.1 | 2,935.5 |


| TOTAL BUILDING |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1995-96 | 9,960.6 | 6,191.9 | 5,832.5 | 1,199.4 | 2,534.9 | 462.7 | 447.2 | 608.9 | 27,237.3 |
| 1996-97 | 10,168.3 | 6,637.8 | 5,964.9 | 1,275.9 | 2,744.6 | 451.8 | 468.0 | 662.8 | 28,374.1 |
| 1997-98 | 11,669.9 | 7,274.2 | 6,530.8 | 1,406.2 | 3,061.3 | 364.4 | 461.4 | 589.9 | 31,358.2 |
| 1997 Dec. qtr | 3,068.5 | 1,827.4 | 1,692.0 | 388.3 | 798.6 | 97.0 | 108.1 | 148.6 | 8,128.6 |
| 1998 Mar. qtr | 2,798.5 | 1,700.9 | 1,510.4 | 324.1 | 731.4 | 85.0 | 107.7 | 121.9 | 7,379.9 |
| June qtr | 2,982.5 | 1,974.3 | 1,716.1 | 332.2 | 754.8 | 86.7 | 133.0 | 164.1 | 8,143.6 |
| Sept. qtr | 3,142.3 | 2,070.3 | 1,665.7 | 369.9 | 714.1 | 87.2 | 143.1 | 144.6 | 8,337.9 |
| Dec. qtr | 3,380.1 | 2,331.0 | 1,682.3 | 374.6 | 783.1 | 106.3 | 159.2 | 162.7 | 8,979.9 |
| 1999 Mar. qtr | 2,978.9 | 1,904.5 | 1,242.0 | 319.7 | 758.5 | 75.0 | 112.0 | 154.6 | 7,545.8 |

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

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

|  |  |  |  | ) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | NSW | Vic. | Qld | SA | WA | Tas. | $N T$ | ACT | Aust. |
| NEW RESIDENTIAL BUILDING |  |  |  |  |  |  |  |  |  |
| 1995-96 | 4,593.5 | 2,508.3 | 3,024.9 | 482.6 | 1,454.8 | 219.1 | 159.9 | 227.0 | 12,668.7 |
| 1996-97 | 4,772.1 | 2,692.2 | 3,193.6 | 496.3 | 1,477.9 | 165.3 | 186.6 | 195.2 | 13,179.2 |
| 1997-98 | 5,581.4 | 3,796.9 | 3,614.8 | 610.7 | 1,783.4 | 149.5 | 263.3 | 142.5 | 15,941.3 |
| 1997 Dec. qtr | 1,452.5 | 1,036.9 | 966.3 | 180.0 | 459.5 | 40.6 | 51.8 | 46.5 | 4,233.7 |
| 1998 Mar. qtr | 1,357.7 | 855.8 | 821.4 | 147.1 | 410.0 | 35.8 | 75.7 | 32.7 | 3,735.8 |
| June qtr | 1,414.9 | 1,065.4 | 927.2 | 148.6 | 509.5 | 36.6 | 76.6 | 33.0 | 4,211.3 |
| Sept. qtr | 1,626.7 | 1,102.5 | 843.0 | 177.9 | 509.2 | 29.3 | 62.6 | 60.9 | 4,412.9 |
| Dec. qtr | 1,332.9 | 1,040.7 | 783.0 | 221.8 | 511.4 | 37.7 | 80.4 | 50.3 | 4,058.9 |
| 1999 Mar. qtr | 1,422.9 | 995.1 | 604.0 | 162.5 | 433.6 | 33.1 | 47.5 | 59.3 | 3,758.5 |

ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS

| 1995-96 | 1,019.4 | 683.4 | 264.1 | 117.6 | 176.2 | 39.4 | 28.8 | 56.8 | 2,385.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 1,098.1 | 760.9 | 288.5 | 116.8 | 174.5 | 39.0 | 23.8 | 62.8 | 2,564.6 |
| 1997-98 | 1,362.2 | 885.4 | 312.8 | 132.5 | 187.7 | 39.9 | 25.7 | 54.4 | 3,000.8 |
| 1997 Dec. qtr | 349.1 | 222.2 | 88.1 | 33.1 | 51.4 | 10.1 | 4.2 | 15.1 | 773.4 |
| 1998 Mar. qtr | 342.3 | 185.4 | 61.8 | 37.7 | 50.4 | 10.4 | 7.4 | 12.1 | 707.5 |
| June qtr | 347.5 | 250.0 | 82.5 | 29.3 | 44.8 | 9.0 | 8.7 | 15.6 | 787.5 |
| Sept. qtr | 391.0 | 219.0 | 82.0 | 33.5 | 42.6 | 9.8 | 7.7 | 12.8 | 798.5 |
| Dec. qtr | 311.8 | 285.7 | 86.0 | 32.9 | 58.6 | 8.8 | 8.2 | 16.9 | 809.0 |
| 1999 Mar. qtr | 255.4 | 214.9 | 56.7 | 30.9 | 57.6 | 9.3 | 5.6 | 22.2 | 652.7 |

NON-RESIDENTIAL BUILDING

| 1995-96 | 3,744.0 | 2,530.3 | 2,490.5 | 641.6 | 874.8 | 243.1 | 259.6 | 338.0 | 11,130.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 4,818.9 | 2,917.9 | 2,167.5 | 568.7 | 1,155.0 | 163.0 | 217.8 | 379.9 | 12,388.8 |
| 1997-98 | 5,161.2 | 3,070.5 | 3,419.7 | 536.8 | 876.3 | 140.8 | 229.8 | 327.6 | 13,759.9 |
| 1997 Dec. qtr | 1,184.6 | 1,031.4 | 648.0 | 170.4 | 218.8 | 37.7 | 38.1 | 63.3 | 3,391.1 |
| 1998 Mar. qtr | 1,459.8 | 686.5 | 705.8 | 92.5 | 211.6 | 29.0 | 74.5 | 125.7 | 3,384.8 |
| June qtr | 1,114.2 | 758.4 | 969.8 | 163.2 | 200.2 | 44.2 | 59.2 | 83.6 | 3,391.6 |
| Sept. qtr | 1,390.4 | 619.7 | 393.2 | 125.7 | 209.3 | 55.7 | 79.6 | 50.9 | 2,925.6 |
| Dec. qtr | 1,018.3 | 993.1 | 553.4 | 128.6 | 326.4 | 45.1 | 38.1 | 45.9 | 3,149.8 |
| 1999 Mar. qtr | 820.7 | 517.9 | 574.4 | 219.2 | 334.8 | 38.4 | 35.4 | 122.9 | 2,664.9 |


| TOTAL BUILDING |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1995-96 | 9,363.0 | 5,722.1 | 5,776.4 | 1,242.5 | 2,507.6 | 501.4 | 448.1 | 625.4 | 26,190.0 |
| 1996-97 | 10,689.1 | 6,371.1 | 5,649.6 | 1,181.9 | 2,807.3 | 367.6 | 428.0 | 637.9 | 28,132.5 |
| 1997-98 | 12,104.8 | 7,752.7 | 7,347.4 | 1,280.0 | 2,847.4 | 330.4 | 518.9 | 524.6 | 32,702.0 |
| 1997 Dec. qtr | 2,986.2 | 2,290.5 | 1,702.4 | 383.5 | 729.7 | 88.4 | 94.1 | 124.9 | 8,398.2 |
| 1998 Mar. qtr | 3,159.7 | 1,727.7 | 1,589.0 | 277.3 | 672.1 | 75.3 | 157.6 | 170.5 | 7,828.1 |
| June qtr | 2,876.6 | 2,073.8 | 1,979.6 | 341.1 | 754.4 | 89.9 | 144.5 | 132.2 | 8,390.4 |
| Sept. qtr | 3,408.1 | 1,941.3 | 1,318.2 | 337.1 | 761.1 | 94.8 | 149.8 | 124.6 | 8,137.0 |
| Dec. qtr | 2,663.0 | 2,319.6 | 1,422.4 | 383.3 | 896.5 | 91.6 | 126.7 | 113.1 | 8,017.6 |
| 1999 Mar. qtr | 2,499.0 | 1,727.9 | 1,235.1 | 412.5 | 826.1 | 80.9 | 88.5 | 204.4 | 7,076.1 |

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

| Period | New houses |  |  |  | Total dwelling units (includes conversions etc) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Private sector |  | Total |  | Private sector |  | Total |  |
|  | Commenced | Completed | Commenced | Completed | Commenced | Completed | Commenced | Completed |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 25,043 | 22,862 | 25,567 | 23,293 | 36,393 | 31,953 | 37,822 | 33,143 |
| 1998 Mar. qtr | 25,555 | 22,961 | 26,065 | 23,235 | 36,222 | 32,577 | 37,370 | 33,493 |
| June qtr | 25,505 | 24,922 | 26,050 | 25,620 | 36,469 | 34,825 | 37,848 | 36,031 |
| Sept. qtr | 25,704 | 25,758 | 26,602 | 26,168 | 37,710 | 35,694 | 39,179 | 36,843 |
| Dec. qtr | 23,715 | 22,961 | 24,462 | 23,634 | 34,677 | 33,810 | 36,368 | 35,187 |
| 1999 Mar. qtr | 23,911 | 22,216 | 24,433 | 22,799 | 34,547 | 32,032 | 35,701 | 33,597 |
| TREND ESTIMATES |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 24,550 | 22,728 | 25,007 | 23,100 | 35,523 | 31,979 | 36,700 | 33,124 |
| 1998 Mar. qtr | 25,531 | 23,708 | 26,058 | 24,141 | 36,589 | 33,201 | 37,871 | 34,256 |
| June qtr | 25,698 | 24,671 | 26,359 | 25,168 | 36,921 | 34,560 | 38,320 | 35,646 |
| Sept. qtr | 25,097 | 24,628 | 25,833 | 25,186 | 36,433 | 34,808 | 37,909 | 36,025 |
| Dec. qtr | 24,383 | 23,699 | 25,108 | 24,289 | 35,574 | 33,985 | 37,054 | 35,359 |
| 1999 Mar. qtr | 23,653 | 22,278 | 24,325 | 22,917 | 34,461 | 32,533 | 35,827 | 34,055 |

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

| Period | New houses |  |  |  | Total dwelling units (includes conversions etc) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Private sector |  | Total |  | Private sector |  | Total |  |
|  | Commenced | Completed | Commenced | Completed | Commenced | Completed | Commenced | Completed |
| SEASONALLY ADJUSTED (\% change from previous quarter) |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 9.8 | 2.7 | 10.3 | 2.9 | 7.7 | 1.9 | 8.9 | 1.5 |
| 1998 Mar qtr | 2.0 | 0.4 | 1.9 | -0.3 | -0.5 | 2.0 | -1.2 | 1.1 |
| June qtr | -0.2 | 8.5 | -0.1 | 10.3 | 0.7 | 6.9 | 1.3 | 7.6 |
| Sept. qtr | 0.8 | 3.4 | 2.1 | 2.1 | 3.4 | 2.5 | 3.5 | 2.3 |
| Dec. qtr | -7.7 | -10.9 | -8.0 | -9.7 | -8.0 | -5.3 | -7.2 | -4.5 |
| 1999 Mar. qtr | 0.8 | -3.2 | -0.1 | -3.5 | -0.4 | -5.3 | -1.8 | -4.5 |
| TREND ESTIMATES (\% change from previous quarter) |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 4.8 | 2.4 | 4.7 | 2.5 | 3.4 | 2.0 | 3.6 | 1.4 |
| 1998 Mar. qtr | 4.0 | 4.3 | 4.2 | 4.5 | 3.0 | 3.8 | 3.2 | 3.4 |
| June qtr | 0.7 | 4.1 | 1.2 | 4.3 | 0.9 | 4.1 | 1.2 | 4.1 |
| Sept. qtr | -2.3 | -0.2 | -2.0 | 0.1 | -1.3 | 0.7 | -1.1 | 1.1 |
| Dec. qtr | -2.8 | -3.8 | -2.8 | -3.6 | -2.4 | -2.4 | -2.3 | -1.8 |
| 1999 Mar. qtr | -3.0 | -6.0 | -3.1 | -5.6 | -3.1 | -4.3 | -3.3 | -3.7 |

TABLE 9. NUMBER OF DWELLING UNITS COMMENCED BY STATE

| Period | NSW | Vic. | Qld | SA | WA | Tas. | $N T$ | ACT | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 12,093 | 8,799 | 9,032 | 1,748 | 4,250 | 410 | n.a. | 364 | 37,822 |
| 1998 Mar. qtr | 12,589 | 8,709 | 9,083 | 1,788 | 4,347 | 387 | n.a. | 349 | 37,370 |
| June qtr | 12,262 | 9,346 | 8,853 | 1,645 | 4,746 | 389 | n.a. | 243 | 37,848 |
| Sept. qtr | 13,433 | 9,662 | 7,808 | 1,906 | 4,927 | 334 | n.a. | 559 | 39,179 |
| Dec. qtr | 11,363 | 9,289 | 7,471 | 1,798 | 4,453 | 358 | n.a. | 381 | 36,368 |
| 1999 Mar. qtr | 12,327 | 9,562 | 6,602 | 1,775 | 4,309 | 354 | n.a. | 793 | 35,701 |
| TREND ESTIMATES |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 11,943 | 8,562 | 8,929 | 1,691 | 4,169 | 413 | 552 | 328 | 36,700 |
| 1998 Mar. qtr | 12,498 | 8,987 | 9,031 | 1,723 | 4,465 | 393 | 571 | 317 | 37,871 |
| June qtr | 12,678 | 9,278 | 8,698 | 1,781 | 4,710 | 371 | 578 | 346 | 38,320 |
| Sept. qtr | 12,517 | 9,442 | 8,031 | 1,798 | 4,724 | 357 | 561 | 421 | 37,909 |
| Dec. qtr | 12,243 | 9,507 | 7,337 | 1,814 | 4,575 | 350 | 537 | 544 | 37,054 |
| 1999 Mar. qtr | 12,003 | 9,487 | 6,678 | 1,814 | 4,352 | 349 | 522 | 655 | 35,827 |

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

| Period | NSW | Vic. | Qld | SA | WA | Tas. | NT | ACT | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SEASONALLY ADJUSTED (\% change from previous quarter) |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 4.9 | 9.0 | 6.8 | 18.0 | 8.5 | -6.2 | n.a. | 17.0 | 8.9 |
| 1998 Mar qtr | 4.1 | -1.0 | 0.6 | 2.3 | 2.3 | -5.6 | n.a. | -4.1 | -1.2 |
| June qtr | -2.6 | 7.3 | -2.5 | -8.0 | 9.2 | 0.5 | n.a. | -30.4 | 1.3 |
| Sept. qtr | 9.5 | 3.4 | -11.8 | 15.9 | 3.8 | -14.1 | n.a. | 130.0 | 3.5 |
| Dec. qtr | -15.4 | -3.9 | -4.3 | -5.7 | -9.6 | 7.2 | n.a. | -31.8 | -7.2 |
| 1999 Mar. qtr | 8.5 | 2.9 | -11.6 | -1.3 | -3.2 | -1.1 | n.a. | 108.1 | -1.8 |
| TREND ESTIMATES (\% change from previous quarter) |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 2.6 | 5.3 | 3.8 | 2.3 | 4.5 | -2.8 | 12.0 | -21.5 | 3.6 |
| 1998 Mar. qtr | 4.6 | 5.0 | 1.1 | 1.9 | 7.1 | -4.8 | 3.4 | -3.4 | 3.2 |
| June qtr | 1.4 | 3.2 | -3.7 | 3.4 | 5.5 | -5.6 | 1.2 | 9.1 | 1.2 |
| Sept. qtr | -1.3 | 1.8 | -7.7 | 1.0 | 0.3 | -3.8 | -2.9 | 21.7 | -1.1 |
| Dec. qtr | -2.2 | 0.7 | -8.6 | 0.9 | -3.2 | -2.0 | -4.3 | 29.2 | -2.3 |
| 1999 Mar. qtr | -2.0 | -0.2 | -9.0 | - | -4.9 | -0.3 | -2.8 | 20.4 | -3.3 |

TABLE 11. NUMBER OF DWELLING UNITS COMPLETED BY STATE

| Period | NSW | Vic. | Qld | SA | WA | Tas. | $N T$ | ACT | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 11,557 | 6,875 | 7,895 | n.a. | 4,099 | 509 | n.a. | 457 | 33,143 |
| 1998 Mar. qtr | 10,186 | 7,799 | 8,444 | n.a. | 4,025 | 469 | n.a. | 362 | 33,493 |
| June qtr | 11,193 | 8,749 | 8,808 | n.a. | 4,335 | 439 | n.a. | 353 | 36,031 |
| Sept. qtr | 11,105 | 8,595 | 9,530 | n.a. | 4,305 | 424 | n.a. | 406 | 36,843 |
| Dec. qtr | 12,184 | 8,147 | 8,274 | n.a. | 4,012 | 366 | n.a. | 307 | 35,187 |
| 1999 Mar. qtr | 10,877 | 7,977 | 6,582 | n.a. | 4,767 | 372 | n.a. | 471 | 33,597 |
| TREND ESTIMATES |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 10,533 | 7,297 | 8,290 | 1,639 | 4,013 | 504 | 502 | 420 | 33,124 |
| 1998 Mar. qtr | 10,787 | 7,869 | 8,488 | 1,612 | 4,160 | 468 | 504 | 389 | 34,256 |
| June qtr | 11,067 | 8,408 | 8,964 | 1,603 | 4,207 | 444 | 513 | 363 | 35,646 |
| Sept. qtr | 11,336 | 8,527 | 8,918 | 1,691 | 4,235 | 410 | 527 | 361 | 36,025 |
| Dec. qtr | 11,531 | 8,286 | 8,190 | 1,822 | 4,331 | 384 | 538 | 383 | 35,359 |
| 1999 Mar. qtr | 11,398 | 8,000 | 7,189 | 1,937 | 4,484 | 369 | 554 | 413 | 34,055 |

TABLE 12. VALUE OF BUILDING WORK DONE

## (\$ million)

| (\$ million) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New residential building |  |  |  | Alterations and additions | Non-residential building |  | Total building |  |
|  | Hou |  |  |  |  |  |  |  |  |
| Period | Private sector | Total | Other residential building | Total | residential buildings | Private sector | Total | Private sector | Total |


| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 Dec. qtr | 2,692.4 | 2,744.9 | 1,082.3 | 3,812.7 | 744.6 | 2,384.2 | 3,281.7 | 6,858.9 | 7,855.4 |
| 1998 Mar. qtr | 2,854.7 | 2,901.9 | 1,149.0 | 4,058.0 | 794.7 | 2,540.7 | 3,459.7 | 7,265.3 | 8,315.5 |
| June qtr | 2,895.3 | 2,945.0 | 1,302.0 | 4,238.3 | 790.4 | 2,454.9 | 3,360.2 | 7,330.0 | 8,397.5 |
| Sept. qtr | 2,872.8 | 2,937.8 | 1,257.7 | 4,214.8 | 815.0 | 2,565.2 | 3,404.2 | 7,437.5 | 8,403.0 |
| Dec. qtr | 2,865.8 | 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 | 2,948.8 | 3,015.9 | 1,341.8 | 4,370.1 | 848.3 | 2,556.0 | 3,529.0 | 7,617.5 | 8,752.5 |


| $c$ |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TREND ESTIMATES |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | $2,710.0$ | $2,757.4$ | $1,086.5$ | $3,842.1$ | 741.2 | $2,410.0$ | $3,298.8$ | $6,877.1$ |
| 1998 Mar. qtr | $2,827.3$ | $2,875.6$ | $1,167.0$ | $4,042.4$ | 781.1 | $2,461.0$ | $3,365.0$ | $7,162.9$ |
| June qtr | $2,879.4$ | $2,934.1$ | $1,252.2$ | $4,186.6$ | 798.9 | $2,528.8$ | $3,419.3$ | $7,370.9$ |
| Sept. qtr | $2,884.9$ | $2,948.8$ | $1,313.9$ | $4,262.3$ | 803.3 | $2,605.1$ | $3,504.5$ | $7,523.7$ |
| Dec. qtr | $2,893.7$ | $2,965.3$ | $1,353.6$ | $4,316.6$ | 813.4 | $2,658.3$ | $3,589.4$ | $7,645.8$ |
| 1999.4 Mar. qtr | $2,917.6$ | $2,993.4$ | $1,375.4$ | $4,369.0$ | 830.6 | $2,687.3$ | $3,659.0$ | $7,746.7$ |

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

| (\$ million) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New residential building |  |  |  | Alterations and additions | Non-residential building |  | Total building |  |
|  | Houses |  | Other residential building | Total |  | Private sector | Total | Private sector | Total |
| Period | Private sector | Total |  |  | residential buildings |  |  |  |  |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 2,864.1 | 2,916.1 | 1,257.8 | 4,156.6 | 735.0 | n.a. | 3,493.4 | 7,441.4 | 8,358.8 |
| 1998 Mar. qtr | 2,858.7 | 2,910.2 | 1,174.0 | 4,097.4 | 812.3 | n.a. | 3,338.1 | 6,884.5 | 8,234.7 |
| June qtr | 2,947.3 | 2,998.4 | 1,226.8 | 4,229.5 | 767.1 | n.a. | 3,571.8 | 7,413.6 | 8,618.8 |
| Sept. qtr | 3,003.5 | 3,096.5 | 1,352.5 | 4,446.1 | 798.0 | n.a. | 3,318.4 | 7,877.5 | 8,557.6 |
| Dec. qtr | 2,865.3 | 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 | 2,945.2 | 2,996.9 | 1,202.2 | 4,213.4 | 763.9 | n.a. | 2,690.2 | 6,648.7 | 7,600.3 |
| TREND ESTIMATES |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 2,775.5 | 2,824.2 | 1,172.7 | 3,993.0 | 753.3 | 2,439.1 | 3,593.7 | 7,052.5 | 8,311.8 |
| 1998 Mar. qtr | 2,900.5 | 2,952.8 | 1,232.0 | 4,186.5 | 779.8 | 2,478.7 | 3,500.5 | 7,282.0 | 8,464.0 |
| June qtr | 2,950.4 | 3,015.7 | 1,254.4 | 4,272.3 | 791.1 | 2,550.1 | 3,442.1 | 7,455.1 | 8,525.6 |
| Sept. qtr | 2,945.1 | 3,020.1 | 1,245.8 | 4,264.1 | 786.8 | 2,527.0 | 3,378.9 | 7,432.6 | 8,437.3 |
| Dec. qtr | 2,934.0 | 3,008.6 | 1,220.2 | 4,225.8 | 778.0 | 2,345.9 | 3,167.9 | 7,185.8 | 8,146.0 |
| 1999 Mar. qtr | 2,914.0 | 2,980.1 | 1,179.9 | 4,159.5 | 772.5 | 2,057.1 | 2,920.4 | 6,751.6 | 7,736.8 |

TABLE 14. VALUE OF BUILDING WORK COMPLETED

## (\$ million)

| (\$ million) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New residential building |  |  |  | Alterations and additions | Non-residential building |  | Total building |  |
|  | Houses |  | Other residential building | Total |  | Private sector | Total | Private sector | Total |
| Period | Private sector | Total |  |  | residential buildings |  |  |  |  |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 2,579.2 | 2,625.5 | 929.0 | 3,564.5 | 685.2 | 2,601.1 | 3,406.7 | 6,813.4 | 7,806.2 |
| 1998 Mar. qtr | 2,628.3 | 2,674.3 | 951.5 | 3,620.3 | 823.8 | 2,199.9 | 3,269.5 | 6,425.4 | 7,537.9 |
| June qtr | 2,828.4 | 2,884.3 | 972.9 | 3,816.5 | 690.2 | 2,168.1 | 3,096.4 | 6,719.0 | 7,673.1 |
| Sept. qtr | 2,992.0 | 3,040.7 | 1,151.0 | 4,231.7 | 768.3 | 2,051.9 | 2,794.3 | 6,800.3 | 7,712.7 |
| Dec. qtr | 2,703.2 | 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 | 2,713.2 | 2,788.7 | 1,026.0 | 3,807.9 | 826.9 | 3,201.2 | 3,921.8 | 7,477.7 | 8,355.4 |
| TREND ESTIMATES |  |  |  |  |  |  |  |  |  |
| 1997 Dec. qtr | 2,558.3 | 2,604.7 | 923.3 | 3,532.7 | 709.9 | 2,577.7 | 3,395.7 | 6,690.9 | 7,656.4 |
| 1998 Mar. qtr | 2,691.6 | 2,739.1 | 947.2 | 3,681.0 | 748.1 | 2,343.4 | 3,262.6 | 6,657.1 | 7,666.4 |
| June qtr | 2,824.2 | 2,874.9 | 1,027.5 | 3,895.3 | 747.4 | 2,074.4 | 3,005.4 | 6,627.8 | 7,631.7 |
| Sept. qtr | 2,854.2 | 2,911.3 | 1,101.6 | 4,017.9 | 735.2 | 2,187.9 | 2,981.0 | 6,809.9 | 7,731.4 |
| Dec. qtr | 2,802.5 | 2,868.2 | 1,126.8 | 4,006.2 | 748.7 | 2,515.2 | 3,215.1 | 7,071.6 | 7,948.9 |
| 1999 Mar. qtr | 2,706.3 | 2,781.4 | 1,108.4 | 3,903.0 | 790.8 | 2,900.9 | 3,572.7 | 7,322.8 | 8,187.3 |

TABLE 15. NUMBER AND VALUE OF BUILDING COMMENCED: ORIGINAL

| Period | Number of dwelling units |  |  |  | Value (\$m) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New houses | New <br> other <br> residential building | Conversions etc. | Total dwelling units | New houses | New other residential building | New <br> residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | Total building |
| PRIVATE SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 84,207 | 31,677 | 2,250 | 118,134 | 8,747.4 | 3,318.6 | 12,066.0 | 2,312.5 | 14,378.5 | 8,111.2 | 22,489.7 |
| 1996-97 | 84,645 | 34,975 | 3,439 | 123,060 | 9,263.1 | 3,488.4 | 12,751.5 | 2,497.3 | 15,248.8 | 8,792.8 | 24,041.6 |
| 1997-98 | 98,844 | 40,298 | 3,767 | 142,908 | 11,235.2 | 4,524.5 | 15,759.6 | 2,929.9 | 18,689.5 | 9,830.9 | 28,520.5 |
| 1997 Dec. qtr | 26,245 | 10,602 | 898 | 37,745 | 2,977.7 | 1,222.4 | 4,200.1 | 763.0 | 4,963.2 | 2,820.8 | 7,784.0 |
| 1998 Mar. qtr | 23,427 | 9,876 | 720 | 34,023 | 2,612.1 | 1,097.9 | 3,710.0 | 688.3 | 4,398.3 | 2,285.3 | 6,683.6 |
| June qtr | 25,838 | 10,172 | 1,057 | 37,066 | 2,998.5 | 1,179.5 | 4,177.9 | 757.0 | 4,935.0 | 2,487.6 | 7,422.6 |
| Sept. qtr | 26,239 | 10,900 | 776 | 37,915 | 3,087.4 | 1,290.5 | 4,378.0 | 786.9 | 5,164.9 | 2,555.4 | 7,720.3 |
| Dec. qtr | 24,866 | 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 | 21,944 | 9,734 | 829 | 32,506 | 2,694.4 | 1,116.6 | 3,811.0 | 653.4 | 4,464.5 | 2,001.0 | 6,465.5 |
| PUBLIC SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 1,966 | 4,453 | 131 | 6,550 | 194.3 | 328.0 | 522.3 | 70.4 | 592.8 | 2,795.0 | 3,387.8 |
| 1996-97 | 1,601 | 3,370 | 141 | 5,112 | 166.6 | 261.0 | 427.6 | 67.3 | 494.9 | 3,596.0 | 4,090.9 |
| 1997-98 | 1,920 | 2,894 | 59 | 4,873 | 201.0 | 220.3 | 421.4 | 98.4 | 519.8 | 4,456.4 | 4,976.2 |
| 1997 Dec. qtr | 443 | 492 | 5 | 940 | 46.6 | 39.5 | 86.1 | 17.9 | 104.0 | 689.7 | 793.6 |
| 1998 Mar. qtr | 455 | 692 | 22 | 1,169 | 47.4 | 48.8 | 96.3 | 27.2 | 123.4 | 1,255.0 | 1,378.4 |
| June qtr | 516 | 1,004 | 5 | 1,525 | 52.1 | 72.4 | 124.5 | 40.1 | 164.6 | 1,071.8 | 1,236.4 |
| Sept. qtr | 1,087 | 711 | 10 | 1,808 | 103.5 | 56.0 | 159.6 | 24.9 | 184.5 | 563.9 | 748.4 |
| Dec. qtr | 676 | 528 | 31 | 1,235 | 73.5 | 43.6 | 117.1 | 18.8 | 135.9 | 924.8 | 1,060.7 |
| 1999 Mar. qtr | 465 | 708 | 1 | 1,174 | 47.5 | 59.9 | 107.4 | 20.3 | 127.7 | 856.8 | 984.5 |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 86,173 | 36,130 | 2,381 | 124,684 | 8,941.8 | 3,646.6 | 12,588.4 | 2,383.0 | 14,971.3 | 10,906.2 | 25,877.5 |
| 1996-97 | 86,246 | 38,345 | 3,580 | 128,172 | 9,429.8 | 3,749.4 | 13,179.1 | 2,564.6 | 15,743.7 | 12,388.8 | 28,132.5 |
| 1997-98 | 100,764 | 43,192 | 3,826 | 147,781 | 11,436.2 | 4,744.8 | 16,181.0 | 3,028.3 | 19,209.3 | 14,287.4 | 33,496.6 |
| 1997 Dec. qtr | 26,688 | 11,094 | 903 | 38,685 | 3,024.3 | 1,261.9 | 4,286.2 | 780.9 | 5,067.1 | 3,510.5 | 8,577.6 |
| 1998 Mar. qtr | 23,882 | 10,568 | 742 | 35,192 | 2,659.5 | 1,146.7 | 3,806.2 | 715.5 | 4,521.7 | 3,540.3 | 8,062.0 |
| June qtr | 26,354 | 11,176 | 1,062 | 38,591 | 3,050.6 | 1,251.9 | 4,302.5 | 797.1 | 5,099.6 | 3,559.4 | 8,659.0 |
| Sept. qtr | 27,326 | 11,611 | 786 | 39,723 | 3,191.0 | 1,346.6 | 4,537.5 | 811.8 | 5,349.4 | 3,119.4 | 8,468.7 |
| Dec. qtr | 25,542 | 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 | 22,409 | 10,442 | 830 | 33,680 | 2,741.9 | 1,176.5 | 3,918.4 | 673.7 | 4,592.2 | 2,857.8 | 7,450.0 |

[^2]TABLE 16. VALUE OF NON-RESIDENTIAL BUILDING COMMENCED: ORIGINAL

| (\$ million) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | Hotels etc. | Shops | Factories | Offices | Other <br> business premises | Educational | Religious | Health | Entertainment and recreational | Miscel- <br> laneous | Total non-residential building |
| PRIVATE SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 821.7 | 1,982.5 | 992.4 | 1,157.2 | 1,307.2 | 371.7 | 74.7 | 318.1 | 672.3 | 413.5 | 8,111.2 |
| 1996-97 | 953.5 | 1,651.4 | 1,068.0 | 1,674.8 | 1,253.1 | 391.4 | 69.1 | 516.0 | 873.7 | 341.8 | 8,792.8 |
| 1997-98 | 1,056.4 | 2,132.2 | 854.6 | 1,944.9 | 1,614.6 | 440.9 | 73.4 | 484.6 | 953.5 | 275.8 | 9,830.9 |
| 1997 Dec. qtr | 373.9 | 431.0 | 236.0 | 653.5 | 303.5 | 112.3 | 24.0 | 100.4 | 528.3 | 57.9 | 2,820.8 |
| 1998 Mar. qtr | 270.3 | 498.1 | 209.1 | 324.3 | 459.4 | 86.0 | 20.6 | 196.8 | 148.9 | 71.8 | 2,285.3 |
| June qtr | 181.1 | 634.9 | 187.7 | 563.1 | 436.1 | 130.6 | 12.5 | 88.8 | 164.2 | 88.7 | 2,487.6 |
| Sept. qtr | 258.9 | 536.3 | 222.2 | 709.7 | 378.1 | 125.1 | 23.5 | 82.2 | 176.5 | 43.0 | 2,555.4 |
| Dec. qtr | 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 | 169.2 | 553.8 | 180.9 | 311.4 | 296.7 | 92.4 | 25.8 | 162.6 | 174.8 | 33.4 | 2,001.0 |
| PUBLIC SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 5.5 | 82.4 | 15.8 | 501.2 | 318.7 | 875.4 | 2.9 | 372.6 | 312.0 | 308.4 | 2,795.0 |
| 1996-97 | 9.4 | 102.0 | 83.8 | 630.6 | 396.5 | 994.8 | 1.4 | 616.9 | 349.6 | 411.1 | 3,596.0 |
| 1997-98 | 5.9 | 27.7 | 15.7 | 442.1 | 789.7 | 858.7 | 0.1 | 1,353.4 | 497.0 | 466.2 | 4,456.4 |
| 1997 Dec. qtr | 2.3 | 6.2 | 2.2 | 80.6 | 92.7 | 178.2 | - | 206.0 | 46.9 | 74.7 | 689.7 |
| 1998 Mar. qtr | 1.2 | 6.5 | 1.3 | 80.2 | 492.7 | 264.1 | - | 208.9 | 87.4 | 112.6 | 1,255.0 |
| June qtr | 1.7 | 3.1 | 5.2 | 108.4 | 67.3 | 203.4 | - | 519.2 | 57.7 | 105.8 | 1,071.8 |
| Sept. qtr | 1.8 | 5.7 | 10.6 | 81.7 | 39.8 | 237.2 | - | 70.0 | 60.7 | 56.4 | 563.9 |
| Dec. qtr | 1.9 | 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 | 3.1 | 90.1 | 99.6 | 362.8 | - | 97.5 | 114.9 | 68.7 | 856.8 |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 827.3 | 2,064.9 | 1,008.2 | 1,658.4 | 1,625.9 | 1,247.1 | 77.6 | 690.7 | 984.3 | 721.9 | 10,906.2 |
| 1996-97 | 962.9 | 1,753.4 | 1,151.8 | 2,305.4 | 1,649.6 | 1,386.2 | 70.5 | 1,132.9 | 1,223.3 | 752.9 | 12,388.8 |
| 1997-98 | 1,062.2 | 2,159.9 | 870.3 | 2,387.1 | 2,404.3 | 1,299.6 | 73.5 | 1,838.0 | 1,450.5 | 742.0 | 14,287.4 |
| 1997 Dec. qtr | 376.2 | 437.2 | 238.1 | 734.1 | 396.2 | 290.5 | 24.0 | 306.3 | 575.1 | 132.6 | 3,510.5 |
| 1998 Mar. qtr | 271.4 | 504.7 | 210.4 | 404.5 | 952.1 | 350.2 | 20.6 | 405.7 | 236.4 | 184.4 | 3,540.3 |
| June qtr | 182.8 | 638.0 | 192.9 | 671.5 | 503.4 | 333.9 | 12.5 | 608.1 | 221.8 | 194.5 | 3,559.4 |
| Sept. qtr | 260.6 | 542.0 | 232.8 | 791.4 | 417.9 | 362.3 | 23.5 | 152.2 | 237.2 | 99.4 | 3,119.4 |
| Dec. qtr | 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 | 184.9 | 558.1 | 184.0 | 401.5 | 396.3 | 455.3 | 25.8 | 260.1 | 289.6 | 102.2 | 2,857.8 |

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

|  | Number of dwelling units |  |  |  | Value (\$m) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New houses | New other residential building |  |  | New houses | New other residential building | New residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | $\begin{array}{r} \text { Total } \\ \text { building } \end{array}$ |
| PRIVATE SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 33,191 | 24,744 | 2,121 | 60,056 | 3,873.8 | 3,158.2 | 7,032.0 | 1,098.7 | 8,130.8 | 7,278.9 | 15,409.7 |
| 1996-97 | 35,101 | 28,014 | 3,138 | 66,253 | 4,344.5 | 3,508.0 | 7,852.5 | 1,209.4 | 9,061.9 | 9,063.9 | 18,125.8 |
| 1997-98 | 40,444 | 33,390 | 3,489 | 77,322 | 5,233.5 | 4,796.6 | 10,030.0 | 1,529.0 | 11,559.0 | 9,709.4 | 21,268.4 |
| 1997 Dec. qtr | 36,965 | 29,674 | 3,637 | 70,276 | 4,670.6 | 4,117.1 | 8,787.7 | 1,379.0 | 10,166.7 | 8,414.8 | 18,581.5 |
| 1998 Mar. qtr | 39,399 | 31,716 | 3,168 | 74,283 | 4,952.8 | 4,420.5 | 9,373.3 | 1,392.2 | 10,765.5 | 9,128.6 | 19,894.0 |
| June qtr | 40,444 | 33,390 | 3,489 | 77,322 | 5,233.5 | 4,796.6 | 10,030.0 | 1,529.0 | 11,559.0 | 9,709.4 | 21,268.4 |
| Sept. qtr | 41,182 | 34,323 | 3,186 | 78,691 | 5,393.4 | 4,969.5 | 10,362.9 | 1,647.0 | 12,009.9 | 10,383.7 | 22,393.6 |
| Dec. qtr | 40,154 | 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 | 41,750 | 34,519 | 3,516 | 79,784 | 5,631.3 | 5,219.8 | 10,851.0 | 1,672.9 | 12,524.0 | 9,499.1 | 22,023.1 |
| PUBLIC SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 543 | 2,693 | 101 | 3,337 | 53.5 | 214.3 | 267.8 | 25.7 | 293.5 | 2,936.7 | 3,230.2 |
| 1996-97 | 547 | 1,589 | 153 | 2,289 | 60.5 | 133.3 | 193.7 | 31.1 | 224.9 | 3,377.0 | 3,601.9 |
| 1997-98 | 696 | 1,797 | 24 | 2,517 | 68.9 | 134.8 | 203.8 | 37.2 | 241.0 | 4,679.6 | 4,920.5 |
| 1997 Dec. qtr | 559 | 1,090 | 5 | 1,654 | 59.8 | 95.9 | 155.7 | 16.5 | 172.2 | 3,958.9 | 4,131.1 |
| 1998 Mar. qtr | 711 | 1,348 | 22 | 2,081 | 73.9 | 104.1 | 177.9 | 26.4 | 204.3 | 4,242.3 | 4,446.6 |
| June qtr | 696 | 1,797 | 24 | 2,517 | 68.9 | 134.8 | 203.8 | 37.2 | 241.0 | 4,679.6 | 4,920.5 |
| Sept. qtr | 1,315 | 1,884 | 11 | 3,210 | 123.3 | 145.8 | 269.1 | 34.0 | 303.1 | 4,322.1 | 4,625.2 |
| Dec. qtr | 1,200 | 1,454 | 34 | 2,688 | 111.0 | 120.5 | 231.5 | 29.8 | 261.3 | 4,547.2 | 4,808.5 |
| 1999 Mar. qtr | 1,061 | 1,416 | 24 | 2,501 | 98.8 | 117.2 | 216.0 | 26.4 | 242.3 | 4,711.0 | 4,953.3 |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 33,734 | 27,437 | 2,222 | 63,393 | 3,927.3 | 3,372.5 | 7,299.9 | 1,124.4 | 8,424.3 | 10,215.6 | 18,639.9 |
| 1996-97 | 35,648 | 29,603 | 3,291 | 68,542 | 4,405.0 | 3,641.3 | 8,046.2 | 1,240.5 | 9,286.8 | 12,440.9 | 21,727.7 |
| 1997-98 | 41,140 | 35,187 | 3,513 | 79,839 | 5,302.4 | 4,931.4 | 10,233.8 | 1,566.2 | 11,800.0 | 14,389.0 | 26,189.0 |
| 1997 Dec. qtr | 37,524 | 30,764 | 3,642 | 71,930 | 4,730.4 | 4,213.0 | 8,943.3 | 1,395.5 | 10,338.9 | 12,373.7 | 22,712.6 |
| 1998 Mar. qtr | 40,110 | 33,064 | 3,190 | 76,364 | 5,026.7 | 4,524.5 | 9,551.2 | 1,418.5 | 10,969.8 | 13,370.9 | 24,340.6 |
| June qtr | 41,140 | 35,187 | 3,513 | 79,839 | 5,302.4 | 4,931.4 | 10,233.8 | 1,566.2 | 11,800.0 | 14,389.0 | 26,189.0 |
| Sept. qtr | 42,497 | 36,207 | 3,197 | 81,901 | 5,516.7 | 5,115.3 | 10,631.9 | 1,681.0 | 12,313.0 | 14,705.7 | 27,018.7 |
| Dec. qtr | 41,354 | 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 | 42,811 | 35,935 | 3,540 | 82,285 | 5,730.1 | 5,336.9 | 11,067.0 | 1,699.3 | 12,766.3 | 14,210.1 | 26,976.4 |

[^3]TABLE 18. VALUE OF NON-RESIDENTIAL BUILDING UNDER CONSTRUCTION AT END OF PERIOD: ORIGINAL (\$ million)


| 1995-96 | 1,065.6 | 1,759.8 | 755.5 | 651.7 | 949.9 | 228.0 | 59.9 | 261.9 | 1,277.0 | 269.7 | 7,278.9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 1,434.9 | 1,789.1 | 672.3 | 1,315.2 | 1,106.2 | 193.4 | 69.1 | 455.5 | 1,769.7 | 258.6 | 9,063.9 |
| 1997-98 | 1,613.3 | 1,812.3 | 460.6 | 2,133.5 | 1,347.9 | 252.4 | 60.0 | 580.8 | 1,254.2 | 194.4 | 9,709.4 |
| 1997 Dec. qtr | 1,559.5 | 1,481.5 | 518.3 | 1,718.3 | 1,111.8 | 267.6 | 79.8 | 455.2 | 1,071.3 | 151.4 | 8,414.8 |
| 1998 Mar. qtr | 1,616.6 | 1,640.6 | 530.4 | 1,907.8 | 1,251.2 | 218.2 | 84.0 | 580.8 | 1,125.6 | 173.4 | 9,128.6 |
| June qtr | 1,613.3 | 1,812.3 | 460.6 | 2,133.5 | 1,347.9 | 252.4 | 60.0 | 580.8 | 1,254.2 | 194.4 | 9,709.4 |
| Sept. qtr | 1,607.1 | 1,990.9 | 463.8 | 2,552.8 | 1,375.7 | 277.2 | 72.3 | 546.0 | 1,321.3 | 176.6 | 10,383.7 |
| Dec. qtr | 1,597.9 | 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 | 1,756.2 | 1,978.5 | 516.8 | 2,283.4 | 977.5 | 255.7 | 80.0 | 579.7 | 942.0 | 129.4 | 9,499.1 |


| 1995-96 | 2.5 | 44.8 | 6.5 | 638.0 | 279.0 | 752.6 | 0.2 | 622.7 | 243.3 | 347.2 | 2,936.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 6.8 | 78.2 | 33.9 | 531.4 | 373.6 | 818.3 | 1.3 | 746.8 | 376.3 | 410.4 | 3,377.0 |
| 1997-98 | 1.4 | 13.7 | 6.3 | 510.6 | 723.4 | 791.7 | - | 1,667.7 | 492.5 | 472.2 | 4,679.6 |
| 1997 Dec. qtr | 6.4 | 18.1 | 4.8 | 532.7 | 379.6 | 816.5 | - | 1,229.1 | 563.4 | 408.3 | 3,958.9 |
| 1998 Mar. qtr | 5.4 | 15.9 | 3.8 | 520.9 | 696.4 | 791.1 | - | 1,291.9 | 472.0 | 444.8 | 4,242.3 |
| June qtr | 1.4 | 13.7 | 6.3 | 510.6 | 723.4 | 791.7 | - | 1,667.7 | 492.5 | 472.2 | 4,679.6 |
| Sept. qtr | 1.1 | 11.2 | 12.3 | 364.2 | 723.0 | 843.5 | - | 1,498.1 | 420.6 | 447.9 | 4,322.1 |
| Dec. qtr | 1.8 | 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 | 258.3 | 703.3 | 1,175.5 | - | 1,425.4 | 674.7 | 421.1 | 4,711.0 |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 1,068.1 | 1,804.6 | 762.0 | 1,289.7 | 1,228.9 | 980.6 | 60.1 | 884.5 | 1,520.3 | 617.0 | 10,215.6 |
| 1996-97 | 1,441.6 | 1,867.4 | 706.2 | 1,846.5 | 1,479.8 | 1,011.7 | 70.4 | 1,202.2 | 2,146.0 | 669.0 | 12,440.9 |
| 1997-98 | 1,614.7 | 1,826.1 | 466.9 | 2,644.1 | 2,071.3 | 1,044.2 | 60.0 | 2,248.4 | 1,746.7 | 666.6 | 14,389.0 |
| 1997 Dec. qtr | 1,565.9 | 1,499.6 | 523.1 | 2,251.0 | 1,491.4 | 1,084.2 | 79.8 | 1,684.3 | 1,634.7 | 559.7 | 12,373.7 |
| 1998 Mar. qtr | 1,622.1 | 1,656.5 | 534.2 | 2,428.7 | 1,947.6 | 1,009.3 | 84.0 | 1,872.7 | 1,597.6 | 618.2 | 13,370.9 |
| June qtr | 1,614.7 | 1,826.1 | 466.9 | 2,644.1 | 2,071.3 | 1,044.2 | 60.0 | 2,248.4 | 1,746.7 | 666.6 | 14,389.0 |
| Sept. qtr | 1,608.2 | 2,002.1 | 476.1 | 2,917.0 | 2,098.7 | 1,120.7 | 72.3 | 2,044.1 | 1,742.0 | 624.5 | 14,705.7 |
| Dec. qtr | 1,599.7 | 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 | 1,772.8 | 2,007.4 | 523.8 | 2,541.7 | 1,680.8 | 1,431.2 | 80.0 | 2,005.0 | 1,616.7 | 550.5 | 14,210.1 |

TABLE 19. NUMBER AND VALUE OF BUILDING COMPLETED: ORIGINAL

| Period | Number of dwelling units |  |  |  | Value (\$m) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New houses | New other residential building |  | Total dwelling units | New houses | New other residential building | New residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | Total building |
| PRIVATE SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 92,451 | 36,633 | 2,879 | 131,962 | 9,654.0 | 3,586.7 | 13,240.7 | 2,668.5 | 15,909.2 | 7,639.5 | 23,548.7 |
| 1996-97 | 82,147 | 31,231 | 2,371 | 115,748 | 8,892.0 | 3,252.2 | 12,144.2 | 2,479.4 | 14,623.6 | 8,093.5 | 22,717.1 |
| 1997-98 | 92,991 | 34,228 | 3,349 | 130,568 | 10,486.7 | 3,572.3 | 14,059.0 | 2,738.7 | 16,797.7 | 10,003.5 | 26,801.2 |
| 1997 Dec. qtr | 25,629 | 9,116 | 710 | 35,455 | 2,925.6 | 965.8 | 3,891.4 | 771.3 | 4,662.7 | 3,298.7 | 7,961.4 |
| 1998 Mar. qtr | 20,851 | 7,704 | 1,166 | 29,721 | 2,370.3 | 831.3 | 3,201.6 | 696.0 | 3,897.7 | 1,776.6 | 5,674.3 |
| June qtr | 24,600 | 8,401 | 767 | 33,768 | 2,749.9 | 864.9 | 3,614.9 | 654.7 | 4,269.5 | 2,108.7 | 6,378.2 |
| Sept. qtr | 25,346 | 9,586 | 1,079 | 36,011 | 2,965.5 | 1,146.1 | 4,111.6 | 730.1 | 4,841.7 | 1,948.4 | 6,790.1 |
| Dec. qtr | 25,728 | 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 | 20,172 | 8,015 | 1,037 | 29,224 | 2,444.7 | 880.3 | 3,325.0 | 690.9 | 4,015.9 | 2,576.2 | 6,592.1 |
| PUBLIC SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 2,359 | 4,488 | 53 | 6,900 | 228.2 | 328.9 | 557.0 | 60.0 | 617.0 | 3,610.6 | 4,227.7 |
| 1996-97 | 1,578 | 4,440 | 89 | 6,107 | 158.2 | 342.2 | 500.5 | 61.8 | 562.3 | 3,171.0 | 3,733.3 |
| 1997-98 | 1,768 | 2,678 | 188 | 4,634 | 192.1 | 215.9 | 408.0 | 84.2 | 492.1 | 3,271.4 | 3,763.5 |
| 1997 Dec. qtr | 514 | 887 | 139 | 1,540 | 57.1 | 75.0 | 132.1 | 22.0 | 154.1 | 865.6 | 1,019.8 |
| 1998 Mar. qtr | 303 | 434 | 5 | 742 | 33.1 | 39.7 | 72.8 | 17.1 | 90.0 | 998.9 | 1,088.9 |
| June qtr | 531 | 555 | 3 | 1,089 | 57.0 | 40.7 | 97.7 | 29.5 | 127.2 | 662.5 | 789.7 |
| Sept. qtr | 467 | 609 | 23 | 1,099 | 49.5 | 45.0 | 94.5 | 27.5 | 122.0 | 930.5 | 1,052.5 |
| Dec. qtr | 788 | 960 | 8 | 1,756 | 85.3 | 68.6 | 154.0 | 23.1 | 177.0 | 698.0 | 875.0 |
| 1999 Mar. qtr | 587 | 742 | 11 | 1,340 | 59.0 | 59.3 | 118.3 | 23.7 | 142.0 | 749.9 | 891.9 |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 94,810 | 41,121 | 2,932 | 138,862 | 9,882.1 | 3,915.6 | 13,797.7 | 2,728.5 | 16,526.2 | 11,250.1 | 27,776.4 |
| 1996-97 | 83,725 | 35,671 | 2,460 | 121,855 | 9,050.2 | 3,594.4 | 12,644.6 | 2,541.2 | 15,185.9 | 11,264.5 | 26,450.4 |
| 1997-98 | 94,759 | 36,906 | 3,537 | 135,202 | 10,678.8 | 3,788.2 | 14,467.0 | 2,822.8 | 17,289.8 | 13,274.9 | 30,564.8 |
| 1997 Dec. qtr | 26,143 | 10,003 | 849 | 36,995 | 2,982.8 | 1,040.7 | 4,023.5 | 793.3 | 4,816.8 | 4,164.3 | 8,981.1 |
| 1998 Mar. qtr | 21,154 | 8,138 | 1,171 | 30,463 | 2,403.4 | 871.1 | 3,274.5 | 713.1 | 3,987.6 | 2,775.5 | 6,763.1 |
| June qtr | 25,131 | 8,956 | 770 | 34,857 | 2,806.9 | 905.6 | 3,712.6 | 684.1 | 4,396.7 | 2,771.2 | 7,167.9 |
| Sept. qtr | 25,813 | 10,195 | 1,102 | 37,110 | 3,015.1 | 1,191.0 | 4,206.1 | 757.6 | 4,963.7 | 2,878.9 | 7,842.6 |
| Dec. qtr | 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 | 20,759 | 8,757 | 1,048 | 30,564 | 2,503.7 | 939.7 | 3,443.3 | 714.6 | 4,157.9 | 3,326.1 | 7,484.0 |

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## TABLE 20. VALUE OF NON-RESIDENTIAL BUILDING COMPLETED: ORIGINAL

(\$ million)

| (\$ million) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | Hotels etc. | Shops | Factories | Offices | Other business premises | Educational | Religious | Health | Entertainment and recreational | Miscellaneous | Total non-residential building |
| PRIVATE SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 413.8 | 2,287.9 | 777.1 | 1,299.1 | 1,050.0 | 349.5 | 87.2 | 419.9 | 607.4 | 347.7 | 7,639.5 |
| 1996-97 | 805.5 | 1,808.2 | 1,207.5 | 1,059.9 | 1,282.8 | 432.3 | 67.8 | 337.6 | 716.3 | 375.7 | 8,093.5 |
| 1997-98 | 1,044.9 | 2,287.7 | 1,118.6 | 1,270.6 | 1,413.1 | 399.2 | 87.1 | 403.8 | 1,618.7 | 359.9 | 10,003.5 |
| 1997 Dec. qtr | 422.2 | 902.6 | 312.7 | 344.8 | 373.6 | 97.0 | 17.3 | 130.1 | 574.9 | 123.3 | 3,298.7 |
| 1998 Mar. qtr | 243.0 | 355.3 | 207.6 | 234.0 | 341.5 | 148.7 | 15.5 | 72.9 | 99.2 | 58.9 | 1,776.6 |
| June qtr | 218.8 | 471.5 | 275.1 | 338.2 | 354.0 | 100.5 | 33.1 | 109.0 | 141.2 | 67.3 | 2,108.7 |
| Sept. qtr | 233.4 | 397.2 | 231.1 | 303.8 | 370.7 | 103.7 | 13.7 | 121.4 | 114.7 | 58.7 | 1,948.4 |
| Dec. qtr | 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 | 69.6 | 470.6 | 201.7 | 579.1 | 399.4 | 127.4 | 17.6 | 155.1 | 530.9 | 24.8 | 2,576.2 |
| PUBLIC SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 7.3 | 60.9 | 96.3 | 550.2 | 592.1 | 902.3 | 2.7 | 590.1 | 522.6 | 286.2 | 3,610.6 |
| 1996-97 | 5.2 | 70.8 | 56.9 | 702.2 | 315.4 | 949.8 | 0.3 | 524.8 | 198.7 | 347.0 | 3,171.0 |
| 1997-98 | 11.1 | 100.0 | 44.1 | 456.8 | 441.8 | 911.8 | 1.1 | 473.8 | 427.3 | 403.7 | 3,271.4 |
| 1997 Dec. qtr | 3.6 | 72.5 | 34.4 | 179.1 | 73.0 | 252.9 | 1.1 | 86.2 | 62.0 | 100.9 | 865.6 |
| 1998 Mar. qtr | 2.0 | 8.9 | 2.2 | 80.8 | 177.5 | 300.0 | - | 160.7 | 197.3 | 69.5 | 998.9 |
| June qtr | 5.5 | 5.4 | 2.7 | 107.6 | 44.1 | 205.5 | - | 170.8 | 40.3 | 80.6 | 662.5 |
| Sept. qtr | 2.1 | 8.9 | 4.5 | 227.9 | 32.5 | 187.3 | - | 241.8 | 136.2 | 89.2 | 930.5 |
| Dec. qtr | 1.2 | 7.7 | 5.8 | 128.3 | 110.3 | 187.9 | - | 142.4 | 50.3 | 64.2 | 698.0 |
| 1999 Mar. qtr | 0.9 | 11.5 | 6.1 | 143.7 | 110.1 | 158.8 | 0.6 | 133.0 | 37.0 | 148.1 | 749.9 |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 421.1 | 2,348.8 | 873.3 | 1,849.3 | 1,642.1 | 1,251.8 | 89.9 | 1,010.0 | 1,130.0 | 633.9 | 11,250.1 |
| 1996-97 | 810.7 | 1,879.0 | 1,264.4 | 1,762.1 | 1,598.1 | 1,382.1 | 68.1 | 862.4 | 915.0 | 722.6 | 11,264.5 |
| 1997-98 | 1,056.0 | 2,387.7 | 1,162.7 | 1,727.4 | 1,854.8 | 1,311.0 | 88.3 | 877.6 | 2,046.0 | 763.6 | 13,274.9 |
| 1997 Dec. qtr | 425.8 | 975.1 | 347.0 | 523.9 | 446.6 | 349.9 | 18.4 | 216.3 | 636.9 | 224.3 | 4,164.3 |
| 1998 Mar. qtr | 245.0 | 364.1 | 209.9 | 314.9 | 519.0 | 448.7 | 15.5 | 233.5 | 296.6 | 128.4 | 2,775.5 |
| June qtr | 224.3 | 476.9 | 277.8 | 445.8 | 398.1 | 306.0 | 33.1 | 279.8 | 181.6 | 147.9 | 2,771.2 |
| Sept. qtr | 235.5 | 406.1 | 235.6 | 531.8 | 403.2 | 291.1 | 13.7 | 363.2 | 250.9 | 147.9 | 2,878.9 |
| Dec. qtr | 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 | 70.5 | 482.1 | 207.8 | 722.8 | 509.5 | 286.2 | 18.2 | 288.1 | 567.9 | 172.9 | 3,326.1 |

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

|  |  |  | m |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | New houses | New other residential building | New residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | $\begin{array}{r} \text { Total } \\ \text { building } \end{array}$ |
| PRIVATE SECTOR |  |  |  |  |  |  |  |
| 1995-96 | 9,163.3 | 3,406.6 | 12,569.8 | 2,504.6 | 15,074.5 | 8,274.6 | 23,349.1 |
| 1996-97 | 9,126.0 | 3,448.0 | 12,574.0 | 2,502.9 | 15,076.9 | 9,413.3 | 24,490.2 |
| 1997-98 | 10,996.0 | 4,347.4 | 15,343.4 | 2,925.1 | 18,268.5 | 9,721.6 | 27,990.1 |
| 1997 Dec. qtr | 2,844.0 | 1,054.7 | 3,898.7 | 812.8 | 4,711.5 | 2,538.6 | 7,250.0 |
| 1998 Mar. qtr | 2,647.0 | 1,038.1 | 3,685.0 | 679.3 | 4,364.4 | 2,271.3 | 6,635.7 |
| June qtr | 2,896.8 | 1,231.1 | 4,127.9 | 760.3 | 4,888.2 | 2,411.6 | 7,299.8 |
| Sept. qtr | 2,916.1 | 1,265.4 | 4,181.5 | 788.4 | 4,969.9 | 2,718.4 | 7,688.3 |
| Dec. qtr | 3,026.4 | 1,388.1 | 4,414.4 | 854.6 | 5,269.1 | 2,995.6 | 8,264.7 |
| 1999 Mar. qtr | 2,737.0 | 1,208.7 | 3,945.8 | 727.2 | 4,672.9 | 2,287.4 | 6,960.3 |
| PUBLIC SECTOR |  |  |  |  |  |  |  |
| 1995-96 | 213.3 | 327.6 | 540.9 | 61.6 | 602.5 | 3,064.8 | 3,667.3 |
| 1996-97 | 162.8 | 312.6 | 475.4 | 67.0 | 542.4 | 3,341.6 | 3,884.0 |
| 1997-98 | 192.3 | 192.6 | 384.9 | 85.5 | 470.4 | 3,607.1 | 4,077.4 |
| 1997 Dec. qtr | 52.3 | 48.8 | 101.1 | 14.5 | 115.7 | 923.2 | 1,038.9 |
| 1998 Mar. qtr | 38.3 | 38.5 | 76.8 | 21.0 | 97.9 | 841.4 | 939.2 |
| June qtr | 51.8 | 52.6 | 104.5 | 34.4 | 138.8 | 969.2 | 1,108.1 |
| Sept. qtr | 72.8 | 65.1 | 137.9 | 27.9 | 165.8 | 823.2 | 989.0 |
| Dec. qtr | 81.2 | 51.5 | 132.7 | 22.7 | 155.4 | 995.0 | 1,150.4 |
| 1999 Mar. qtr | 56.8 | 50.0 | 106.7 | 20.6 | 127.4 | 891.4 | 1,018.8 |
| TOTAL |  |  |  |  |  |  |  |
| 1995-96 | 9,376.6 | 3,734.2 | 13,110.7 | 2,566.2 | 15,677.0 | 11,339.4 | 27,016.4 |
| 1996-97 | 9,288.8 | 3,760.6 | 13,049.4 | 2,569.9 | 15,619.3 | 12,754.9 | 28,374.2 |
| 1997-98 | 11,188.4 | 4,539.9 | 15,728.3 | 3,010.7 | 18,738.9 | 13,328.7 | 32,067.6 |
| 1997 Dec. qtr | 2,896.3 | 1,103.5 | 3,999.8 | 827.3 | 4,827.1 | 3,461.8 | 8,288.9 |
| 1998 Mar. qtr | 2,685.3 | 1,076.5 | 3,761.8 | 700.4 | 4,462.2 | 3,112.7 | 7,574.9 |
| June qtr | 2,948.6 | 1,283.7 | 4,232.3 | 794.7 | 5,027.0 | 3,380.8 | 8,407.8 |
| Sept. qtr | 2,988.9 | 1,330.5 | 4,319.4 | 816.3 | 5,135.7 | 3,541.6 | 8,677.3 |
| Dec. qtr | 3,107.6 | 1,439.6 | 4,547.2 | 877.3 | 5,424.5 | 3,990.5 | 9,415.0 |
| 1999 Mar. qtr | 2,793.8 | 1,258.7 | 4,052.5 | 747.8 | 4,800.3 | 3,178.8 | 7,979.2 |

$\qquad$

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

| (\$ million) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | Hotels etc. | Shops | Factories | Offices | Other business premises | Educational | Religious | Health | Entertainment and recreational | Miscellaneous | Total non-residential building |
| PRIVATE SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 632.1 | 2,003.3 | 963.1 | 1,179.4 | 1,263.5 | 387.1 | 80.6 | 319.5 | 1,068.4 | 377.6 | 8,274.6 |
| 1996-97 | 994.2 | 2,016.7 | 1,162.5 | 1,268.9 | 1,407.5 | 396.6 | 77.1 | 405.0 | 1,268.6 | 416.2 | 9,413.3 |
| 1997-98 | 1,042.2 | 2,243.6 | 1,005.4 | 1,593.3 | 1,536.7 | 445.5 | 87.1 | 547.6 | 941.2 | 279.0 | 9,721.6 |
| 1997 Dec. qtr | 290.1 | 627.0 | 262.8 | 393.7 | 383.9 | 129.5 | 26.6 | 124.4 | 233.8 | 66.8 | 2,538.6 |
| 1998 Mar. qtr | 256.9 | 451.0 | 239.8 | 357.7 | 375.9 | 129.5 | 20.7 | 133.9 | 240.9 | 65.2 | 2,271.3 |
| June qtr | 260.4 | 514.3 | 220.6 | 444.1 | 410.4 | 97.8 | 22.2 | 157.3 | 211.7 | 72.8 | 2,411.6 |
| Sept. qtr | 277.8 | 655.6 | 214.2 | 529.0 | 484.6 | 92.1 | 19.1 | 115.8 | 262.0 | 68.2 | 2,718.4 |
| Dec. qtr | 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 | 259.3 | 437.5 | 228.6 | 503.7 | 336.5 | 115.9 | 22.1 | 124.5 | 217.2 | 42.1 | 2,287.4 |
| PUBLIC SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 5.8 | 68.4 | 36.8 | 584.4 | 403.8 | 889.8 | 2.8 | 407.1 | 316.0 | 349.8 | 3,064.8 |
| 1996-97 | 6.1 | 109.2 | 78.0 | 608.6 | 381.1 | 977.4 | 0.6 | 500.8 | 334.3 | 345.4 | 3,341.6 |
| 1997-98 | 10.1 | 59.0 | 20.5 | 537.8 | 444.7 | 944.5 | 0.6 | 740.5 | 429.6 | 419.8 | 3,607.1 |
| 1997 Dec. qtr | 2.8 | 17.6 | 6.4 | 126.8 | 115.4 | 259.4 | 0.1 | 172.6 | 131.8 | 90.5 | 923.2 |
| 1998 Mar. qtr | 1.9 | 8.5 | 1.5 | 98.8 | 110.3 | 242.3 | - | 168.7 | 115.5 | 94.0 | 841.4 |
| June qtr | 3.9 | 5.6 | 2.2 | 165.7 | 116.8 | 201.0 | - | 248.5 | 92.1 | 133.3 | 969.2 |
| Sept. qtr | 2.0 | 7.3 | 8.9 | 113.5 | 114.8 | 208.6 | - | 159.0 | 102.1 | 107.0 | 823.2 |
| Dec. qtr | 1.8 | 6.5 | 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 | 5.2 | 115.5 | 112.1 | 233.7 | 0.1 | 187.1 | 124.3 | 97.1 | 891.4 |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 638.0 | 2,071.7 | 999.8 | 1,763.8 | 1,667.4 | 1,276.9 | 83.4 | 726.7 | 1,384.4 | 727.4 | 11,339.4 |
| 1996-97 | 1,000.3 | 2,125.9 | 1,240.5 | 1,877.5 | 1,788.6 | 1,374.0 | 77.7 | 905.8 | 1,602.9 | 761.6 | 12,754.9 |
| 1997-98 | 1,052.3 | 2,302.6 | 1,025.9 | 2,131.0 | 1,981.3 | 1,390.0 | 87.8 | 1,288.1 | 1,370.8 | 698.7 | 13,328.7 |
| 1997 Dec. qtr | 292.9 | 644.6 | 269.2 | 520.5 | 499.2 | 388.9 | 26.6 | 297.0 | 365.5 | 157.3 | 3,461.8 |
| 1998 Mar. qtr | 258.8 | 459.4 | 241.3 | 456.5 | 486.2 | 371.7 | 20.7 | 302.6 | 356.3 | 159.2 | 3,112.7 |
| June qtr | 264.3 | 519.9 | 222.8 | 609.8 | 527.2 | 298.8 | 22.2 | 405.8 | 303.9 | 206.1 | 3,380.8 |
| Sept. qtr | 279.8 | 662.9 | 223.2 | 642.5 | 599.4 | 300.6 | 19.1 | 274.8 | 364.1 | 175.2 | 3,541.6 |
| Dec. qtr | 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 | 266.8 | 446.3 | 233.8 | 619.2 | 448.6 | 349.5 | 22.2 | 311.6 | 341.5 | 139.2 | 3,178.8 |

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

|  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  | (\$ million) |  |  |

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

| (\$ million) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Hotels etc. | Shops | Factories | Offices | Other business premises | Educational | Religious | Health | Entertainment and recreational | Miscellaneous | Total non-residential building |
| PRIVATE SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 667.4 | 1,071.8 | 318.6 | 374.3 | 417.7 | 108.8 | 27.9 | 135.1 | 541.8 | 132.6 | 3,795.9 |
| 1996-97 | 852.2 | 901.2 | 282.1 | 835.7 | 450.6 | 112.4 | 34.7 | 261.9 | 482.6 | 81.1 | 4,294.5 |
| 1997-98 | 1,034.6 | 978.3 | 186.2 | 1,336.5 | 570.8 | 125.7 | 25.9 | 254.0 | 646.7 | 98.2 | 5,256.8 |
| 1997 Dec. qtr | 1,035.1 | 778.0 | 219.4 | 1,150.5 | 425.6 | 119.0 | 39.8 | 227.8 | 675.1 | 66.9 | 4,737.3 |
| 1998 Mar. qtr | 1,078.4 | 848.8 | 199.7 | 1,216.8 | 530.5 | 88.8 | 38.9 | 302.1 | 588.5 | 82.7 | 4,975.0 |
| June qtr | 1,034.6 | 978.3 | 186.2 | 1,336.5 | 570.8 | 125.7 | 25.9 | 254.0 | 646.7 | 98.2 | 5,256.8 |
| Sept. qtr | 990.4 | 904.3 | 206.5 | 1,534.9 | 485.6 | 162.4 | 32.8 | 224.8 | 566.7 | 71.1 | 5,179.5 |
| Dec. qtr | 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 | 958.9 | 1,017.2 | 204.1 | 1,147.9 | 389.8 | 115.8 | 42.9 | 305.8 | 411.9 | 47.5 | 4,641.8 |
| PUBLIC SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 1.8 | 31.1 | 2.5 | 286.1 | 142.6 | 402.6 | - | 226.8 | 155.2 | 135.5 | 1,384.3 |
| 1996-97 | 5.1 | 26.1 | 8.8 | 284.2 | 173.0 | 452.0 | 0.8 | 394.9 | 154.6 | 204.1 | 1,703.7 |
| 1997-98 | 0.8 | 2.6 | 4.7 | 193.2 | 520.0 | 412.6 | - | 1,054.2 | 269.2 | 251.4 | 2,708.7 |
| 1997 Dec. qtr | 4.0 | 6.9 | 2.0 | 288.2 | 181.7 | 375.2 | - | 701.3 | 309.4 | 263.8 | 2,132.3 |
| 1998 Mar. qtr | 3.2 | 5.1 | 1.8 | 261.6 | 565.7 | 407.5 | - | 756.1 | 300.5 | 276.8 | 2,578.1 |
| June qtr | 0.8 | 2.6 | 4.7 | 193.2 | 520.0 | 412.6 | - | 1,054.2 | 269.2 | 251.4 | 2,708.7 |
| Sept. qtr | 0.5 | 1.6 | 6.3 | 170.1 | 437.4 | 443.2 | - | 969.6 | 231.5 | 209.4 | 2,469.6 |
| Dec. qtr | 0.6 | 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 | 125.7 | 369.8 | 615.8 | - | 769.5 | 343.3 | 162.1 | 2,420.8 |
| TOTAL |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 669.2 | 1,102.9 | 321.1 | 660.4 | 560.3 | 511.4 | 27.9 |  | 697.0 | 268.1 | 5,180.2 |
| 1996-97 | 857.3 | 927.3 | 290.9 | 1,119.9 | 623.6 | 564.4 | 35.5 | 656.8 | 637.2 | 285.2 | 5,998.2 |
| 1997-98 | 1,035.4 | 980.9 | 190.9 | 1,529.7 | 1,090.9 | 538.3 | 25.9 | 1,308.1 | 915.8 | 349.6 | 7,965.6 |
| 1997 Dec. qtr | 1,039.1 | 784.8 | 221.3 | 1,438.7 | 607.3 | 494.2 | 39.8 | 929.1 | 984.5 | 330.7 | 6,869.7 |
| 1998 Mar. qtr | 1,081.6 | 853.8 | 201.5 | 1,478.4 | 1,096.1 | 496.2 | 38.9 | 1,058.2 | 889.0 | 359.5 | 7,553.1 |
| June qtr | 1,035.4 | 980.9 | 190.9 | 1,529.7 | 1,090.9 | 538.3 | 25.9 | 1,308.1 | 915.8 | 349.6 | 7,965.6 |
| Sept. qtr | 990.9 | 905.8 | 212.9 | 1,705.0 | 923.0 | 605.6 | 32.8 | 1,194.4 | 798.2 | 280.5 | 7,649.1 |
| Dec. qtr | 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 | 967.7 | 1,040.5 | 206.8 | 1,273.5 | 759.6 | 731.6 | 42.9 | 1,075.3 | 755.2 | 209.6 | 7,062.6 |

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 | $\begin{aligned} & \text { Con- } \\ & \text { versions } \\ & \text { etc. } \end{aligned}$ | $\begin{array}{r} \text { Total } \\ \text { dwelling } \\ \text { units } \end{array}$ | New houses | New other residential building | New <br> residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | $\begin{array}{r} \text { Total } \\ \text { building } \end{array}$ |
| 1997-98 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 26,764 | 19,852 | 1,821 | 48,437 | 3,284.5 | 2,479.8 | 5,764.3 | 1,384.0 | 7,148.3 | 5,471.6 | 12,619.9 |
| Vic. | 26,004 | 7,598 | 1,340 | 34,942 | 3,004.5 | 846.0 | 3,850.5 | 891.1 | 4,741.6 | 3,189.8 | 7,931.4 |
| Qld | 23,754 | 11,222 | 441 | 35,418 | 2,621.3 | 979.5 | 3,600.8 | 310.0 | 3,910.8 | 3,467.1 | 7,377.9 |
| SA | 5,823 | 741 | 89 | 6,653 | 540.7 | 74.0 | 614.7 | 134.5 | 749.2 | 550.7 | 1,299.9 |
| WA | 14,790 | 2,360 | 115 | 17,265 | 1,574.6 | 212.8 | 1,787.4 | 188.1 | 1,975.5 | 888.3 | 2,863.8 |
| Tas. | 1,387 | 231 | 3 | 1,622 | 130.7 | 18.9 | 149.6 | 40.0 | 189.6 | 141.8 | 331.4 |
| NT | 1,219 | 952 | 14 | 2,185 | 156.7 | 114.4 | 271.0 | 26.3 | 297.3 | 236.9 | 534.3 |
| ACT | 1,022 | 236 | 2 | 1,260 | 123.2 | 19.5 | 142.7 | 54.3 | 196.9 | 341.0 | 538.0 |
| Australia | 100,764 | 43,192 | 3,826 | 147,781 | 11,436.2 | 4,744.8 | 16,181.0 | 3,028.3 | 19,209.3 | 14,287.4 | 33,496.6 |
| DECEMBER QUARTER 1998 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 6,239 | 5,010 | 488 | 11,737 | 833.0 | 574.2 | 1,407.3 | 321.4 | 1,728.6 | 1,124.0 | 2,852.7 |
| Vic. | 7,399 | 1,682 | 653 | 9,734 | 875.4 | 191.0 | 1,066.4 | 291.0 | 1,357.4 | 1,054.3 | 2,411.7 |
| Qld | 5,159 | 2,542 | 101 | 7,802 | 578.9 | 207.8 | 786.7 | 85.4 | 872.1 | 577.0 | 1,449.1 |
| SA | 1,699 | 263 | 3 | 1,965 | 171.7 | 59.4 | 231.1 | 34.3 | 265.4 | 134.8 | 400.2 |
| WA | 3,987 | 488 | 37 | 4,512 | 460.5 | 65.0 | 525.5 | 60.7 | 586.2 | 335.3 | 921.5 |
| Tas. | 332 | 54 | 3 | 389 | 34.4 | 3.4 | 37.8 | 8.8 | 46.5 | 46.5 | 93.0 |
| NT | 450 | 191 | 4 | 645 | 64.2 | 18.9 | 83.1 | 8.4 | 91.6 | 40.2 | 131.8 |
| ACT | 276 | 145 | - | 421 | 35.5 | 15.6 | 51.1 | 16.9 | 68.0 | 48.6 | 116.5 |
| Australia | 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 |
| MARCH QUARTER 1999 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 6,279 | 5,305 | 228 | 11,812 | 879.9 | 632.0 | 1,511.9 | 263.5 | 1,775.4 | 914.1 | 2,689.5 |
| Vic. | 6,445 | 2,119 | 354 | 8,918 | 779.2 | 255.8 | 1,035.0 | 223.5 | 1,258.5 | 554.2 | 1,812.7 |
| Qld | 4,067 | 1,738 | 64 | 5,869 | 456.6 | 151.5 | 608.1 | 56.5 | 664.6 | 604.3 | 1,268.9 |
| SA | 1,325 | 295 | 16 | 1,636 | 134.4 | 35.9 | 170.4 | 32.7 | 203.1 | 230.6 | 433.6 |
| WA | 3,391 | 603 | 28 | 4,022 | 384.0 | 66.0 | 450.0 | 60.1 | 510.2 | 347.1 | 857.3 |
| Tas. | 331 | 18 | - | 349 | 32.0 | 1.1 | 33.2 | 9.3 | 42.5 | 39.8 | 82.3 |
| NT | 285 | 124 | 6 | 415 | 37.2 | 12.2 | 49.3 | 5.8 | 55.2 | 37.7 | 92.8 |
| ACT | 285 | 240 | 133 | 658 | 38.6 | 22.0 | 60.5 | 22.3 | 82.8 | 130.1 | 213.0 |
| Australia | 22,409 | 10,442 | 830 | 33,680 | 2,741.9 | 1,176.5 | 3,918.4 | 673.7 | 4,592.2 | 2,857.8 | 7,450.0 |

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

| (\$ million) |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

$\left.\begin{array}{lrrrrrrrrrr}\hline & & & & \text { DECEMBER QUARTER } 1998\end{array}\right]$

| MARCH QUARTER 1999 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSW | 43.4 | 142.9 | 56.5 | 146.6 | 168.1 | 123.6 | 13.7 | 91.0 | 110.3 | 17.8 | 914.1 |
| Vic. | 27.9 | 71.2 | 64.0 | 98.3 | 77.4 | 97.0 | 5.5 | 39.1 | 38.0 | 35.8 | 554.2 |
| Qld | 92.0 | 117.5 | 32.1 | 92.8 | 81.4 | 48.9 | 3.0 | 58.9 | 64.3 | 13.3 | 604.3 |
| SA | 0.5 | 75.0 | 3.4 | 10.8 | 21.7 | 73.5 | 0.7 | 8.1 | 19.9 | 17.0 | 230.6 |
| WA | 20.6 | 128.7 | 24.5 | 37.8 | 31.4 | 23.4 | 2.0 | 27.4 | 42.2 | 9.0 | 347.1 |
| Tas. | 0.4 | 1.2 | 2.0 | 5.3 | 2.4 | 4.0 | 1.0 | 21.9 | 0.7 | 1.0 | 39.8 |
| NT | - | 2.6 | 1.1 | 4.4 | 4.7 | 3.4 | - | 10.8 | 3.8 | 7.0 | 37.7 |
| ACT | 0.1 | 19.1 | 0.4 | 5.5 | 9.1 | 81.5 | - | 2.9 | 10.4 | 1.2 | 130.1 |
| Australia | 184.9 | 558.1 | 184.0 | 401.5 | 396.3 | 455.3 | 25.8 | 260.1 | 289.6 | 102.2 | 2,857.8 |


| State or <br> Territiory | 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 | $\begin{array}{r} \text { Total } \\ \text { building } \end{array}$ |
| 1997-98 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 12,050 | 19,774 | 2,134 | 33,959 | 1,673.6 | 3,165.2 | 4,838.9 | 862.3 | 5,701.1 | 7,026.9 | 12,728.1 |
| Vic. | 12,368 | 5,148 | 725 | 18,241 | 1,588.9 | 685.2 | 2,274.1 | 412.4 | 2,686.5 | 2,856.2 | 5,542.6 |
| Qld | 6,625 | 7,200 | 464 | 14,289 | 828.8 | 751.3 | 1,580.1 | 103.4 | 1,683.5 | 2,874.9 | 4,558.3 |
| SA | 2,283 | 476 | 75 | 2,834 | 246.1 | 54.0 | 300.1 | 62.9 | 363.1 | 394.9 | 757.9 |
| WA | 5,930 | 1,611 | 101 | 7,642 | 751.6 | 163.4 | 915.0 | 76.8 | 991.8 | 589.9 | 1,581.6 |
| Tas. | 1,119 | 185 | 4 | 1,309 | 103.9 | 12.2 | 116.1 | 16.6 | 132.8 | 84.4 | 217.2 |
| NT | 457 | 548 | 4 | 1,009 | 63.4 | 71.8 | 135.2 | 11.3 | 146.5 | 147.8 | 294.3 |
| ACT | 306 | 245 | 5 | 556 | 46.0 | 28.3 | 74.3 | 20.5 | 94.8 | 414.0 | 508.9 |
| Australia | 41,140 | 35,187 | 3,513 | 79,839 | 5,302.4 | 4,931.4 | 10,233.8 | 1,566.2 | 11,800.0 | 14,389.0 | 26,189.0 |
| DECEMBER QUARTER 1998 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 11,816 | 20,509 | 2,460 | 34,785 | 1,754.4 | 3,304.1 | 5,058.5 | 959.2 | 6,017.7 | 7,320.7 | 13,338.4 |
| Vic. | 13,127 | 5,175 | 1,145 | 19,447 | 1,685.7 | 744.9 | 2,430.6 | 450.5 | 2,881.1 | 3,128.4 | 6,009.6 |
| Qld | 5,198 | 5,641 | 193 | 11,032 | 649.0 | 530.0 | 1,178.9 | 108.8 | 1,287.8 | 2,465.9 | 3,753.7 |
| SA | 2,333 | 650 | 5 | 2,988 | 250.0 | 107.5 | 357.6 | 50.7 | 408.2 | 370.0 | 778.2 |
| WA | 6,910 | 1,546 | 69 | 8,525 | 863.1 | 195.1 | 1,058.2 | 86.8 | 1,145.0 | 595.5 | 1,740.4 |
| Tas. | 1,007 | 162 | 5 | 1,174 | 96.6 | 10.4 | 107.1 | 17.2 | 124.2 | 94.7 | 218.9 |
| NT | 543 | 423 | 5 | 971 | 80.0 | 57.5 | 137.5 | 10.4 | 147.9 | 156.4 | 304.4 |
| ACT | 420 | 258 | - | 678 | 59.2 | 25.1 | 84.3 | 20.3 | 104.6 | 324.9 | 429.5 |
| Australia | 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 |
| MARCH QUARTER 1999 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 12,887 | 21,587 | 1,941 | 36,415 | 1,921.3 | 3,552.1 | 5,473.4 | 905.5 | 6,378.9 | 6,851.2 | 13,230.1 |
| Vic. | 13,967 | 5,829 | 1,232 | 21,028 | 1,825.9 | 851.3 | 2,677.2 | 485.5 | 3,162.7 | 2,992.2 | 6,154.8 |
| Qld | 5,276 | 5,408 | 145 | 10,829 | 651.6 | 526.9 | 1,178.5 | 85.7 | 1,264.2 | 2,682.8 | 3,947.0 |
| SA | 2,163 | 664 | 20 | 2,847 | 240.0 | 109.8 | 349.7 | 48.5 | 398.3 | 399.9 | 798.1 |
| WA | 6,552 | 1,474 | 55 | 8,081 | 858.7 | 195.6 | 1,054.3 | 113.5 | 1,167.9 | 688.6 | 1,856.4 |
| Tas. | 1,009 | 133 | 4 | 1,146 | 94.4 | 8.4 | 102.8 | 18.7 | 121.5 | 84.0 | 205.4 |
| NT | 535 | 411 | 9 | 955 | 76.9 | 52.6 | 129.5 | 10.6 | 140.1 | 153.7 | 293.9 |
| ACT | 421 | 429 | 133 | 983 | 61.3 | 40.3 | 101.6 | 31.2 | 132.8 | 357.8 | 490.6 |
| Australia | 42,811 | 35,935 | 3,540 | 82,285 | 5,730.1 | 5,336.9 | 11,067.0 | 1,699.3 | 12,766.3 | 14,210.1 | 26,976.4 |

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

| (\$ million) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State or Territory | Hotels etc. | Shops | Factories | Offices | Other business premises | Educational | Religious | Health | Entertainment and recreational | Miscellaneous | Total non-residential building |
| 1997-98 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 844.3 | 818.7 | 185.4 | 1,839.4 | 1,285.2 | 376.0 | 19.1 | 507.3 | 1,003.0 | 148.6 | 7,026.9 |
| Vic. | 411.8 | 406.6 | 141.9 | 241.6 | 422.0 | 320.2 | 10.5 | 279.8 | 407.4 | 214.3 | 2,856.2 |
| Qld | 295.5 | 349.2 | 72.1 | 170.0 | 164.1 | 188.0 | 14.5 | 1,204.8 | 204.2 | 212.2 | 2,874.9 |
| SA | 5.2 | 68.7 | 24.6 | 59.7 | 72.6 | 37.7 | 7.1 | 69.7 | 36.6 | 12.9 | 394.9 |
| WA | 49.9 | 77.5 | 33.7 | 65.8 | 63.5 | 60.2 | 3.3 | 149.9 | 62.0 | 24.1 | 589.9 |
| Tas. | 0.7 | 5.8 | 7.2 | 7.2 | 13.5 | 13.7 | 1.5 | 16.4 | 4.2 | 14.1 | 84.4 |
| NT | 0.9 | 15.1 | 2.0 | 17.3 | 48.3 | 9.6 | - | 5.1 | 10.8 | 38.8 | 147.8 |
| ACT | 6.4 | 84.4 | 0.1 | 243.1 | 2.1 | 38.7 | 3.9 | 15.4 | 18.5 | 1.6 | 414.0 |
| Australia | 1,614.7 | 1,826.1 | 466.9 | 2,644.1 | 2,071.3 | 1,044.2 | 60.0 | 2,248.4 | 1,746.7 | 666.6 | 14,389.0 |
| DECEMBER QUARTER 1998 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 823.2 | 926.6 | 205.1 | 2,193.2 | 1,112.6 | 393.0 | 35.5 | 400.8 | 1,101.3 | 129.2 | 7,320.7 |
| Vic. | 443.7 | 427.2 | 134.7 | 253.1 | 362.5 | 489.2 | 10.3 | 257.4 | 544.4 | 205.9 | 3,128.4 |
| Qld | 267.0 | 266.3 | 91.6 | 89.6 | 123.4 | 164.3 | 10.4 | 1,135.3 | 111.4 | 206.5 | 2,465.9 |
| SA | 21.0 | 56.0 | 52.5 | 16.1 | 63.3 | 58.6 | 6.1 | 69.7 | 16.8 | 9.8 | 370.0 |
| WA | 43.5 | 179.0 | 37.0 | 54.7 | 45.2 | 64.3 | 2.6 | 77.1 | 70.8 | 21.3 | 595.5 |
| Tas. | 0.6 | 7.8 | 5.3 | 11.5 | 7.8 | 12.1 | 1.6 | 45.3 | 2.1 | 0.4 | 94.7 |
| NT | 0.6 | 2.7 | 0.3 | 44.1 | 45.0 | 2.3 | - | 7.0 | 15.7 | 38.6 | 156.4 |
| ACT | 0.1 | 78.7 | - | 141.2 | 0.9 | 62.8 | 2.6 | 15.2 | 18.4 | 4.9 | 324.9 |
| Australia | 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 |
| MARCH QUARTER 1999 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 893.3 | 871.2 | 191.0 | 1,982.4 | 1,093.9 | 443.6 | 43.1 | 448.4 | 750.4 | 133.9 | 6,851.2 |
| Vic. | 476.3 | 399.3 | 139.5 | 212.3 | 302.3 | 523.4 | 14.0 | 242.2 | 555.5 | 127.5 | 2,992.2 |
| Qld | 325.3 | 268.8 | 116.0 | 146.2 | 160.9 | 149.3 | 11.5 | 1,165.2 | 134.2 | 205.4 | 2,682.8 |
| SA | 20.4 | 115.4 | 31.1 | 14.8 | 28.9 | 109.4 | 2.1 | 31.2 | 28.1 | 18.5 | 399.9 |
| WA | 56.1 | 254.6 | 41.1 | 45.2 | 44.6 | 71.0 | 4.0 | 41.9 | 107.6 | 22.4 | 688.6 |
| Tas. | 0.6 | 0.9 | 3.5 | 15.6 | 1.9 | 4.4 | 2.4 | 51.8 | 1.7 | 1.1 | 84.0 |
| NT | 0.6 | 2.0 | 1.2 | 39.2 | 39.1 | 3.1 | - | 14.8 | 16.6 | 37.1 | 153.7 |
| ACT | 0.1 | 95.2 | 0.4 | 86.1 | 9.2 | 127.0 | 3.0 | 9.5 | 22.6 | 4.6 | 357.8 |
| Australia | 1,772.8 | 2,007.4 | 523.8 | 2,541.7 | 1,680.8 | 1,431.2 | 80.0 | 2,005.0 | 1,616.7 | 550.5 | 14,210.1 |

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

| State or <br> Territory | Number of dwelling units |  |  |  | Value (\$m) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { New } \\ \text { houses } \end{gathered}$ | New other residential building |  | $\begin{array}{r} \text { Total } \\ \text { dwelling } \\ \text { units } \end{array}$ | New houses | New other residential building | New residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | Total building |
| 1997-98 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 25,385 | 15,890 | 1,304 | 42,579 | 3,141.8 | 1,760.2 | 4,902.1 | 1,207.6 | 6,109.6 | 4,658.6 | 10,768.2 |
| Vic. | 22,425 | 6,542 | 1,558 | 30,525 | 2,531.3 | 682.2 | 3,213.6 | 866.6 | 4,080.2 | 3,492.2 | 7,572.4 |
| Qld | 23,373 | 9,991 | 417 | 33,782 | 2,568.5 | 920.4 | 3,488.8 | 304.6 | 3,793.4 | 2,409.5 | 6,202.9 |
| SA | 5,693 | 705 | 46 | 6,444 | 514.7 | 59.9 | 574.7 | 125.0 | 699.7 | 744.0 | 1,443.7 |
| WA | 14,124 | 2,120 | 50 | 16,294 | 1,511.7 | 207.5 | 1,719.2 | 188.6 | 1,907.8 | 1,136.4 | 3,044.1 |
| Tas. | 1,520 | 384 | 13 | 1,917 | 144.6 | 37.4 | 182.0 | 42.6 | 224.7 | 197.8 | 422.5 |
| NT | 1,142 | 859 | 18 | 2,019 | 142.4 | 81.3 | 223.7 | 27.1 | 250.9 | 213.2 | 464.1 |
| ACT | 1,099 | 415 | 131 | 1,645 | 123.8 | 39.1 | 162.9 | 60.7 | 223.6 | 423.2 | 646.9 |
| Australia | 94,759 | 36,906 | 3,537 | 135,202 | 10,678.8 | 3,788.2 | 14,467.0 | 2,822.8 | 17,289.8 | 13,274.9 | 30,564.8 |
| DECEMBER QUARTER 1998 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 7,288 | 5,460 | 149 | 12,897 | 917.2 | 650.7 | 1,567.9 | 325.8 | 1,893.7 | 1,572.9 | 3,466.6 |
| Vic. | 6,995 | 1,906 | 291 | 9,192 | 852.9 | 227.2 | 1,080.2 | 259.6 | 1,339.7 | 889.3 | 2,229.1 |
| Qld | 5,709 | 3,580 | 53 | 9,342 | 670.1 | 326.3 | 996.5 | 86.3 | 1,082.8 | 610.4 | 1,693.2 |
| SA | 1,677 | 184 | 72 | 1,933 | 174.1 | 22.0 | 196.1 | 49.3 | 245.4 | 203.3 | 448.7 |
| WA | 3,740 | 606 | 27 | 4,373 | 402.1 | 55.6 | 457.7 | 52.2 | 509.9 | 270.7 | 780.6 |
| Tas. | 361 | 37 | 4 | 402 | 35.8 | 2.0 | 37.8 | 10.2 | 48.1 | 41.3 | 89.3 |
| NT | 426 | 239 | 4 | 669 | 59.8 | 29.6 | 89.4 | 8.8 | 98.2 | 57.9 | 156.1 |
| ACT | 321 | 105 | 2 | 428 | 39.8 | 10.2 | 50.0 | 16.2 | 66.2 | 94.9 | 161.1 |
| Australia | 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 |
| MARCH QUARTER 1999 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 5,092 | 4,148 | 623 | 9,863 | 724.9 | 487.7 | 1,212.6 | 324.5 | 1,537.1 | 1,538.0 | 3,075.1 |
| Vic. | 5,550 | 1,446 | 267 | 7,263 | 657.8 | 158.7 | 816.5 | 202.2 | 1,018.7 | 730.3 | 1,748.9 |
| Qld | 3,989 | 1,971 | 112 | 6,072 | 463.9 | 162.8 | 626.7 | 83.0 | 709.7 | 398.8 | 1,108.5 |
| SA | 1,496 | 281 | 1 | 1,778 | 146.9 | 35.4 | 182.3 | 36.3 | 218.6 | 203.7 | 422.3 |
| WA | 3,730 | 659 | 42 | 4,431 | 396.7 | 66.8 | 463.5 | 42.5 | 506.0 | 259.5 | 765.5 |
| Tas. | 327 | 47 | 1 | 375 | 35.8 | 3.2 | 39.1 | 8.0 | 47.1 | 51.4 | 98.5 |
| NT | 291 | 136 | 2 | 429 | 41.3 | 18.4 | 59.7 | 5.7 | 65.4 | 41.8 | 107.2 |
| ACT | 285 | 69 | - | 354 | 36.3 | 6.6 | 42.9 | 12.5 | 55.5 | 102.5 | 158.0 |
| Australia | 20,759 | 8,757 | 1,048 | 30,564 | 2,503.7 | 939.7 | 3,443.3 | 714.6 | 4,157.9 | 3,326.1 | 7,484.0 |

[^4]TABLE 30. VALUE OF NON-RESIDENTIAL BUILDING COMPLETED, BY STATE: ORIGINAL

|  |  |  |  |  | (\$ mill | ion) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State or <br> Territory | Hotels etc. | Shops | Factories | Offices | Other business premises | Educational | Religious | Health | Entertainment and recreational | Miscellaneous | Total non-resi dential building |


| 1997-98 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSW | 418.8 | 684.1 | 451.9 | 605.4 | 656.1 | 438.7 | 44.9 | 280.8 | 847.6 | 230.3 | 4,658.6 |
| Vic. | 154.0 | 474.7 | 338.4 | 449.4 | 475.5 | 283.2 | 18.5 | 208.2 | 873.6 | 216.8 | 3,492.2 |
| Qld | 345.6 | 728.2 | 123.6 | 173.1 | 382.6 | 235.9 | 12.3 | 133.9 | 133.4 | 141.0 | 2,409.5 |
| SA | 40.9 | 187.2 | 58.6 | 82.1 | 95.3 | 72.3 | 3.4 | 46.5 | 71.2 | 86.7 | 744.0 |
| WA | 80.7 | 216.8 | 114.7 | 140.3 | 179.7 | 153.0 | 7.8 | 134.4 | 64.1 | 44.8 | 1,136.4 |
| Tas. | 11.4 | 17.4 | 49.4 | 30.6 | 26.4 | 17.9 | 0.4 | 22.8 | 14.6 | 6.9 | 197.8 |
| NT | 0.5 | 61.2 | 25.9 | 18.5 | 29.0 | 43.5 | 0.3 | 2.0 | 9.0 | 23.4 | 213.2 |
| ACT | 4.2 | 18.1 | 0.2 | 228.0 | 10.2 | 66.5 | 0.6 | 49.1 | 32.6 | 13.7 | 423.2 |
| Australia | 1,056.0 | 2,387.7 | 1,162.7 | 1,727.4 | 1,854.8 | 1,311.0 | 88.3 | 877.6 | 2,046.0 | 763.6 | 13,274.9 |


| DECEMBER QUARTER 1998 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSW | 176.5 | 381.9 | 80.5 | 209.8 | 418.7 | 77.5 | 8.5 | 79.4 | 69.0 | 71.0 | 1,572.9 |
| Vic. | 41.7 | 179.9 | 70.0 | 139.6 | 202.4 | 107.3 | 4.9 | 51.6 | 49.1 | 42.6 | 889.3 |
| Qld | 92.2 | 112.1 | 30.4 | 60.5 | 83.0 | 49.5 | 11.7 | 90.6 | 52.8 | 27.6 | 610.4 |
| SA | 3.6 | 28.8 | 2.1 | 66.6 | 44.7 | 16.5 | 0.1 | 7.5 | 26.9 | 6.5 | 203.3 |
| WA | 9.1 | 52.0 | 13.0 | 36.9 | 54.5 | 27.1 | 2.9 | 47.4 | 18.0 | 9.9 | 270.7 |
| Tas. | 0.6 | 4.6 | 4.0 | 8.8 | 13.5 | 4.0 | - | 1.0 | 2.2 | 2.5 | 41.3 |
| NT | 0.4 | 9.7 | 1.3 | 4.0 | 11.3 | 10.9 | 0.3 | 1.1 | 12.1 | 6.7 | 57.9 |
| ACT | 1.2 | 3.9 | - | 65.1 | 12.8 | 2.0 | 1.0 | - | 8.1 | 0.9 | 94.9 |
| Australia | 325.3 | 772.8 | 201.4 | 591.4 | 841.0 | 294.8 | 29.3 | 278.6 | 238.3 | 167.8 | 3,740.8 |

## MARCH QUARTER 1999

| NSW | 13.3 | 209.1 | 82.4 | 403.0 | 212.2 | 81.0 | 8.8 | 43.7 | 469.8 | 14.7 | 1,538.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vic. | 9.4 | 100.1 | 62.5 | 148.6 | 143.8 | 67.2 | 2.6 | 56.1 | 25.4 | 114.5 | 730.3 |
| Qld | 35.5 | 88.6 | 12.4 | 37.7 | 44.7 | 64.2 | 1.2 | 50.2 | 47.1 | 17.2 | 398.8 |
| SA | 1.9 | 16.3 | 25.2 | 12.2 | 55.9 | 23.2 | 4.8 | 46.6 | 9.2 | 8.4 | 203.7 |
| WA | 9.9 | 53.3 | 21.3 | 46.4 | 32.6 | 18.1 | 0.7 | 63.5 | 5.8 | 7.9 | 259.5 |
| Tas. | 0.4 | 8.1 | 3.8 | 1.5 | 8.4 | 12.0 | 0.2 | 15.5 | 1.2 | 0.3 | 51.4 |
| NT | - | 3.3 | 0.1 | 10.1 | 11.0 | 2.6 | - | 3.0 | 3.1 | 8.6 | 41.8 |
| ACT | 0.1 | 3.2 | - | 63.3 | 0.8 | 17.9 | 0.1 | 9.4 | 6.4 | 1.3 | 102.5 |
| Australia | 70.5 | 482.1 | 207.8 | 722.8 | 509.5 | 286.2 | 18.2 | 288.1 | 567.9 | 172.9 | 3,326.1 |

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

| State or <br> Territory | New houses | New other residential building | New residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | $\begin{array}{r} \text { Total } \\ \text { building } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997-98 |  |  |  |  |  |  |  |
| NSW | 3,242.8 | 2,334.1 | 5,576.9 | 1,336.5 | 6,913.4 | 5,198.6 | 12,112.0 |
| Vic. | 2,808.4 | 760.2 | 3,568.6 | 911.5 | 4,480.1 | 2,960.4 | 7,440.5 |
| Qld | 2,649.3 | 1,000.8 | 3,650.1 | 315.0 | 3,965.2 | 2,595.6 | 6,560.8 |
| SA | 535.7 | 69.8 | 605.4 | 131.6 | 737.0 | 685.0 | 1,422.0 |
| WA | 1,547.5 | 212.6 | 1,760.2 | 193.3 | 1,953.5 | 1,135.2 | 3,088.7 |
| Tas. | 137.5 | 29.0 | 166.5 | 41.4 | 207.8 | 159.0 | 366.8 |
| NT | 146.5 | 90.9 | 237.4 | 26.4 | 263.9 | 212.3 | 476.1 |
| ACT | 120.7 | 42.4 | 163.2 | 54.9 | 218.0 | 382.6 | 600.6 |
| Australia | 11,188.4 | 4,539.9 | 15,728.3 | 3,010.7 | 18,738.9 | 13,328.7 | 32,067.6 |
| DECEMBER QUARTER 1998 |  |  |  |  |  |  |  |
| NSW | 873.1 | 785.2 | 1,658.3 | 368.9 | 2,027.2 | 1,614.8 | 3,642.0 |
| Vic. | 875.9 | 253.2 | 1,129.1 | 280.4 | 1,409.5 | 1,015.7 | 2,425.2 |
| Qld | 622.9 | 267.4 | 890.3 | 94.4 | 984.7 | 727.4 | 1,712.1 |
| SA | 155.1 | 34.8 | 189.9 | 40.3 | 230.1 | 160.4 | 390.6 |
| WA | 440.9 | 63.4 | 504.3 | 58.6 | 562.9 | 240.3 | 803.2 |
| Tas. | 35.8 | 2.9 | 38.7 | 9.6 | 48.3 | 59.6 | 107.8 |
| NT | 63.0 | 26.2 | 89.2 | 8.1 | 97.3 | 68.2 | 165.6 |
| ACT | 40.8 | 6.7 | 47.4 | 17.1 | 64.5 | 104.0 | 168.6 |
| Australia | 3,107.6 | 1,439.6 | 4,547.2 | 877.3 | 5,424.5 | 3,990.5 | 9,415.0 |
| MARCH QUARTER 1999 |  |  |  |  |  |  |  |
| NSW | 824.8 | 720.0 | 1,544.8 | 344.8 | 1,889.6 | 1,351.8 | 3,241.4 |
| Vic. | 786.6 | 225.6 | 1,012.1 | 226.2 | 1,238.3 | 761.0 | 1,999.4 |
| Qld | 495.5 | 189.0 | 684.5 | 62.4 | 746.9 | 519.3 | 1,266.2 |
| SA | 144.8 | 26.6 | 171.4 | 33.3 | 204.7 | 130.3 | 335.0 |
| WA | 429.0 | 63.9 | 492.9 | 53.0 | 545.9 | 237.9 | 783.8 |
| Tas. | 33.3 | 1.8 | 35.1 | 8.8 | 43.8 | 32.0 | 75.9 |
| NT | 41.6 | 21.1 | 62.7 | 6.0 | 68.8 | 47.9 | 116.7 |
| ACT | 38.1 | 10.8 | 48.9 | 13.3 | 62.2 | 98.6 | 160.8 |
| Australia | 2,793.8 | 1,258.7 | 4,052.5 | 747.8 | 4,800.3 | 3,178.8 | 7,979.2 |

[^5]TABLE 32. VALUE OF NON-RESIDENTIAL BUILDING WORK DONE, BY STATE: ORIGINAL

| (\$ million) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State or <br> Territory | Hotels etc. | Shops | Factories | Offices | Other business premises | Educational | Religious | Health | Entertainment and recreational | Miscellaneous | Total non-residential building |
| 1997-98 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 385.3 | 907.5 | 389.2 | 1,025.9 | 751.2 | 429.7 | 35.6 | 325.1 | 801.9 | 147.3 | 5,198.6 |
| Vic. | 201.0 | 440.1 | 299.0 | 423.2 | 526.8 | 351.5 | 19.4 | 290.3 | 207.6 | 201.7 | 2,960.4 |
| Qld | 329.3 | 478.0 | 129.8 | 226.2 | 376.0 | 298.6 | 14.9 | 370.5 | 167.2 | 205.1 | 2,595.6 |
| SA | 35.5 | 164.4 | 68.7 | 83.0 | 78.3 | 73.7 | 8.1 | 72.5 | 65.4 | 35.3 | 685.0 |
| WA | 81.1 | 198.2 | 108.9 | 131.4 | 159.5 | 129.9 | 7.4 | 185.6 | 81.3 | 52.0 | 1,135.2 |
| Tas. | 10.7 | 15.3 | 21.2 | 23.0 | 25.9 | 22.2 | 0.5 | 19.3 | 6.9 | 13.9 | 159.0 |
| NT | 0.5 | 50.7 | 8.8 | 26.0 | 53.1 | 29.2 | 0.1 | 2.2 | 11.0 | 30.6 | 212.3 |
| ACT | 8.9 | 48.5 | 0.2 | 192.3 | 10.6 | 55.3 | 1.8 | 22.7 | 29.6 | 12.8 | 382.6 |
| Australia | 1,052.3 | 2,302.6 | 1,025.9 | 2,131.0 | 1,981.3 | 1,390.0 | 87.8 | 1,288.1 | 1,370.8 | 698.7 | 13,328.7 |


| DECEMBER QUARTER 1998 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSW | 175.8 | 247.3 | 89.6 | 404.4 | 272.6 | 109.6 | 11.1 | 78.8 | 169.3 | 56.4 | 1,614.8 |
| Vic. | 62.1 | 174.7 | 70.4 | 161.8 | 175.1 | 135.9 | 5.4 | 71.1 | 102.4 | 56.9 | 1,015.7 |
| Qld | 63.1 | 136.5 | 33.4 | 64.9 | 82.9 | 86.0 | 4.7 | 139.5 | 65.8 | 50.6 | 727.4 |
| SA | 7.8 | 22.8 | 9.5 | 32.6 | 37.2 | 21.2 | 0.1 | 12.2 | 12.4 | 4.6 | 160.4 |
| WA | 11.8 | 61.1 | 20.7 | 27.3 | 46.1 | 33.9 | 0.9 | 12.6 | 17.8 | 8.1 | 240.3 |
| Tas. | 0.4 | 7.9 | 5.8 | 7.2 | 13.4 | 6.2 | 0.1 | 16.1 | 1.6 | 0.9 | 59.6 |
| NT | 0.4 | 4.5 | 0.7 | 17.1 | 10.6 | 5.2 | 0.2 | 4.3 | 6.2 | 19.1 | 68.2 |
| ACT | 0.3 | 25.0 | - | 36.1 | 9.2 | 17.8 | 0.9 | 3.0 | 9.7 | 1.9 | 104.0 |
| Australia | 321.8 | 679.8 | 230.0 | 751.5 | 646.9 | 416.0 | 23.2 | 337.6 | 385.3 | 198.5 | 3,990.5 |


| MARCH QUARTER 1999 |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSW | 135.5 | 162.5 | 77.1 | 356.2 | 230.9 | 93.5 | 10.9 | 85.9 | 161.3 | 38.0 | 1,351.8 |
| Vic. | 58.7 | 108.1 | 77.3 | 97.4 | 103.4 | 122.3 | 3.7 | 64.8 | 81.7 | 43.7 | 761.0 |
| Qld | 49.0 | 75.4 | 40.3 | 54.5 | 54.5 | 49.0 | 3.5 | 118.1 | 41.7 | 33.4 | 519.3 |
| SA | 6.7 | 15.4 | 13.5 | 11.0 | 22.3 | 31.8 | 0.4 | 12.2 | 11.0 | 6.0 | 130.3 |
| WA | 16.6 | 65.3 | 21.6 | 27.9 | 25.8 | 29.4 | 1.7 | 16.8 | 25.2 | 7.7 | 237.9 |
| Tas. | 0.3 | 2.9 | 3.2 | 8.4 | 3.4 | 5.9 | 0.4 | 6.0 | 0.8 | 0.7 | 32.0 |
| NT | 0.1 | 3.0 | 0.5 | 13.9 | 5.9 | 3.3 | - | 3.0 | 10.0 | 8.4 | 47.9 |
| ACT | - | 13.7 | 0.4 | 49.9 | 2.5 | 14.4 | 1.5 | 4.9 | 10.0 | 1.4 | 98.6 |
| Australia | 266.8 | 446.3 | 233.8 | 619.2 | 448.6 | 349.5 | 22.2 | 311.6 | 341.5 | 139.2 | 3,178.8 |

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

| (\$ million) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State or <br> Territory | New houses | New other residential building | New residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | $\begin{array}{r} \text { Total } \\ \text { building } \end{array}$ |
| 1997-98 |  |  |  |  |  |  |  |
| NSW | 838.7 | 1,683.5 | 2,522.2 | 422.3 | 2,944.5 | 3,890.3 | 6,834.8 |
| Vic. | 751.5 | 360.8 | 1,112.4 | 157.6 | 1,270.0 | 1,597.8 | 2,867.7 |
| Qld | 345.8 | 349.2 | 695.0 | 44.3 | 739.3 | 1,783.2 | 2,522.5 |
| SA | 105.3 | 24.9 | 130.2 | 27.7 | 157.8 | 171.5 | 329.4 |
| WA | 370.5 | 88.5 | 459.0 | 32.5 | 491.5 | 210.9 | 702.3 |
| Tas. | 46.1 | 5.1 | 51.2 | 6.5 | 57.7 | 29.9 | 87.6 |
| NT | 31.8 | 44.0 | 75.8 | 5.0 | 80.8 | 72.9 | 153.7 |
| ACT | 21.7 | 12.3 | 34.0 | 7.9 | 41.9 | 209.2 | 251.1 |
| Australia | 2,511.4 | 2,568.4 | 5,079.8 | 703.7 | 5,783.5 | 7,965.6 | 13,749.0 |
| DECEMBER QUARTER 1998 |  |  |  |  |  |  |  |
| NSW | 915.7 | 1,553.8 | 2,469.5 | 426.5 | 2,896.0 | 3,680.3 | 6,576.3 |
| Vic. | 835.1 | 370.2 | 1,205.3 | 187.8 | 1,393.1 | 1,511.1 | 2,904.2 |
| Qld | 297.4 | 256.7 | 554.1 | 37.2 | 591.3 | 1,312.0 | 1,903.3 |
| SA | 125.5 | 54.0 | 179.6 | 20.8 | 200.4 | 132.9 | 333.3 |
| WA | 446.0 | 98.9 | 544.9 | 38.4 | 583.2 | 304.9 | 888.2 |
| Tas. | 42.1 | 4.6 | 46.7 | 6.6 | 53.4 | 30.2 | 83.6 |
| NT | 35.5 | 28.8 | 64.3 | 5.3 | 69.6 | 56.1 | 125.7 |
| ACT | 30.5 | 19.1 | 49.5 | 7.9 | 57.5 | 132.3 | 189.7 |
| Australia | 2,727.8 | 2,386.1 | 5,113.9 | 730.6 | 5,844.5 | 7,159.8 | 13,004.2 |
| MARCH QUARTER 1999 |  |  |  |  |  |  |  |
| NSW | 988.0 | 1,571.2 | 2,559.2 | 368.9 | 2,928.1 | 3,397.1 | 6,325.2 |
| Vic. | 847.5 | 410.0 | 1,257.6 | 198.7 | 1,456.3 | 1,345.5 | 2,801.8 |
| Qld | 268.4 | 227.5 | 495.9 | 34.7 | 530.5 | 1,408.9 | 1,939.4 |
| SA | 117.5 | 65.0 | 182.6 | 21.7 | 204.3 | 236.2 | 440.4 |
| WA | 410.6 | 102.8 | 513.4 | 54.6 | 568.0 | 419.6 | 987.6 |
| Tas. | 42.5 | 4.0 | 46.5 | 7.4 | 53.9 | 38.9 | 92.7 |
| NT | 32.2 | 21.2 | 53.4 | 5.2 | 58.5 | 47.3 | 105.8 |
| ACT | 30.7 | 30.1 | 60.8 | 18.1 | 78.9 | 169.2 | 248.0 |
| Australia | 2,737.4 | 2,431.9 | 5,169.3 | 709.2 | 5,878.5 | 7,062.6 | 12,941.1 |

[^6]TABLE 34. VALUE OF NON-RESIDENTIAL BUILDING WORK YET TO BE DONE AT END OF PERIOD, BY STATE: ORIGINAL (\$ million)

| (\$ million) |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State or <br> Territory | Hotels etc. | Shops | Factories | Offices | Other business premises | Educational | Religious | Health | Entertainment and recreational | Miscellaneous | Total non-residential building |
| 1997-98 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 561.8 | 361.0 | 83.3 | 1,160.6 | 726.8 | 226.2 | 8.1 | 233.0 | 436.4 | 93.2 | 3,890.3 |
| Vic. | 300.8 | 261.1 | 44.5 | 112.3 | 182.2 | 166.8 | 4.2 | 109.7 | 306.8 | 109.3 | 1,597.8 |
| Qld | 142.4 | 241.2 | 39.6 | 82.2 | 78.5 | 75.2 | 7.4 | 904.5 | 104.4 | 107.8 | 1,783.2 |
| SA | 3.0 | 16.8 | 6.8 | 32.2 | 45.2 | 14.5 | 1.1 | 20.6 | 24.2 | 7.2 | 171.5 |
| WA | 24.5 | 38.9 | 13.8 | 30.2 | 26.8 | 21.9 | 1.5 | 21.6 | 24.3 | 7.4 | 210.9 |
| Tas. | 0.4 | 3.6 | 2.6 | 1.0 | 11.6 | 5.4 | 1.2 | 0.4 | 2.4 | 1.3 | 29.9 |
| NT | 0.8 | 5.3 | 0.3 | 7.9 | 18.5 | 6.9 | - | 4.7 | 6.0 | 22.5 | 72.9 |
| ACT | 1.7 | 52.9 | - | 103.2 | 1.3 | 21.5 | 2.4 | 13.8 | 11.3 | 1.0 | 209.2 |
| Australia | 1,035.4 | 980.9 | 190.9 | 1,529.7 | 1,090.9 | 538.3 | 25.9 | 1,308.1 | 915.8 | 349.6 | 7,965.6 |
| DECEMBER QUARTER 1998 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 483.6 | 491.5 | 94.9 | 1,179.2 | 575.7 | 221.7 | 20.1 | 191.0 | 355.6 | 67.0 | 3,680.3 |
| Vic. | 296.8 | 194.1 | 61.0 | 81.2 | 126.8 | 242.1 | 4.4 | 109.1 | 332.7 | 63.0 | 1,511.1 |
| Qld | 174.8 | 95.7 | 41.2 | 43.0 | 33.6 | 57.2 | 6.5 | 743.7 | 31.6 | 84.7 | 1,312.0 |
| SA | 11.2 | 10.5 | 19.5 | 7.2 | 16.9 | 33.4 | 1.0 | 21.0 | 8.3 | 3.8 | 132.9 |
| WA | 23.7 | 120.0 | 16.4 | 19.1 | 16.2 | 32.9 | 1.8 | 14.5 | 48.2 | 12.2 | 304.9 |
| Tas. | 0.2 | 2.1 | 2.4 | 7.3 | 1.9 | 3.6 | 1.1 | 10.9 | 0.6 | 0.2 | 30.2 |
| NT | 0.6 | 1.1 | 0.1 | 23.7 | 6.9 | 0.7 | - | 2.2 | 12.7 | 8.1 | 56.1 |
| ACT | - | 26.6 | - | 70.9 | 0.3 | 18.7 | 1.1 | 9.3 | 2.3 | 2.9 | 132.3 |
| Australia | 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 |
| MARCH QUARTER 1999 |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 431.6 | 482.7 | 86.1 | 1,015.1 | 538.3 | 259.8 | 25.5 | 196.3 | 313.3 | 48.4 | 3,397.1 |
| Vic. | 280.1 | 158.1 | 51.0 | 91.7 | 107.1 | 221.2 | 6.9 | 85.3 | 288.7 | 55.4 | 1,345.5 |
| Qld | 219.7 | 111.5 | 37.7 | 82.8 | 61.5 | 57.4 | 5.3 | 705.7 | 59.8 | 67.4 | 1,408.9 |
| SA | 5.8 | 70.9 | 9.8 | 7.1 | 16.2 | 75.7 | 1.2 | 16.9 | 17.7 | 14.9 | 236.2 |
| WA | 29.6 | 183.6 | 20.3 | 28.1 | 22.4 | 28.3 | 2.1 | 26.0 | 65.6 | 13.6 | 419.6 |
| Tas. | 0.4 | 0.3 | 1.2 | 4.5 | 1.0 | 2.0 | 1.6 | 26.9 | 0.6 | 0.5 | 38.9 |
| NT | 0.5 | 0.8 | 0.7 | 15.0 | 6.1 | 0.8 | - | 10.0 | 6.6 | 6.8 | 47.3 |
| ACT | 0.1 | 32.6 | - | 29.2 | 7.0 | 86.4 | 0.2 | 8.2 | 2.9 | 2.6 | 169.2 |
| Australia | 967.7 | 1,040.5 | 206.8 | 1,273.5 | 759.6 | 731.6 | 42.9 | 1,075.3 | 755.2 | 209.6 | 7,062.6 |

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

| State or Territory | New residential building |  |  |  | Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Houses |  | Total |  | Alterations and additions to residential buildings | $\begin{array}{r} \text { Total } \\ \text { building } \\ \hline \end{array}$ |
|  | Number | Value | Number of dwelling units | Value |  |  |
| COMMENCED |  |  |  |  |  |  |
| NSW | 3.5 | 3.7 | 1.9 | 2.1 | 5.4 | 1.3 |
| Vic. | 3.4 | 3.4 | 2.5 | 2.5 | 4.4 | 1.6 |
| Qld | 2.7 | 3.2 | 1.9 | 2.4 | 3.6 | 1.2 |
| SA | 3.6 | 3.7 | 2.9 | 2.9 | 5.9 | 1.2 |
| WA | 3.9 | 3.9 | 3.3 | 3.3 | 4.6 | 1.8 |
| Tas. | 1.9 | 1.6 | 1.8 | 1.6 | 4.7 | 0.8 |
| ACT | 1.5 | 1.6 | 0.8 | 1.0 | 2.7 | 0.4 |
| Australia | 1.6 | 1.7 | 1.1 | 1.2 | 2.6 | 0.7 |
| UNDER CONSTRUCTION AT END OF PERIOD |  |  |  |  |  |  |
| NSW | 2.7 | 2.6 | 1.0 | 0.9 | 4.4 | 0.5 |
| Vic. | 2.7 | 2.6 | 1.9 | 1.8 | 3.7 | 0.8 |
| Qld | 3.9 | 4.0 | 1.9 | 2.2 | 4.6 | 0.7 |
| SA | 3.3 | 3.4 | 2.6 | 2.3 | 6.4 | 1.1 |
| WA | 3.1 | 3.0 | 2.5 | 2.5 | 6.4 | 1.4 |
| Tas. | 2.3 | 2.3 | 2.1 | 2.1 | 5.6 | 1.1 |
| ACT | 1.8 | 1.9 | 0.9 | 1.1 | 3.4 | 0.3 |
| Australia | 1.4 | 1.4 | 0.8 | 0.7 | 2.6 | 0.3 |
| COMPLETED |  |  |  |  |  |  |
| NSW | 4.7 | 5.0 | 2.6 | 3.0 | 6.6 | 1.4 |
| Vic. | 5.3 | 5.6 | 4.2 | 4.5 | 5.7 | 2.2 |
| Qld | 4.6 | 4.9 | 3.1 | 3.7 | 4.3 | 2.1 |
| SA | 4.5 | 4.8 | 3.8 | 3.9 | 7.5 | 1.8 |
| WA | 5.1 | 5.2 | 4.3 | 4.5 | 7.3 | 2.7 |
| Tas. | 3.0 | 2.9 | 2.7 | 2.7 | 6.3 | 1.2 |
| ACT | 2.6 | 2.8 | 2.1 | 2.4 | 7.1 | 0.9 |
| Australia | 2.3 | 2.4 | 1.6 | 1.8 | 3.5 | 0.9 |
| VALUE OF WORK DONE DURING PERIOD |  |  |  |  |  |  |
| NSW | . | 2.9 | . | 1.5 | 4.0 | 0.9 |
| Vic. | . | 2.9 | . | 2.2 | 3.6 | 1.2 |
| Qld | . | 3.0 | . | 2.2 | 3.2 | 1.2 |
| SA | . | 2.8 | . | 2.3 | 5.2 | 1.3 |
| WA | . | 2.7 | . | 2.3 | 4.8 | 1.5 |
| Tas. | . | 1.8 | . | 1.7 | 4.5 | 1.0 |
| ACT | . | 1.6 | . | 1.3 | 4.3 | 0.5 |
| Australia | . | 1.4 | . | 0.9 | 2.2 | 0.5 |
| VALUE OF WORK YET TO BE DONE |  |  |  |  |  |  |
| NSW | . | 3.2 | . | 1.2 | 4.6 | 0.6 |
| Vic. | . | 3.1 | . | 2.1 | 4.4 | 1.0 |
| Qld | . | 4.6 | . | 2.5 | 5.6 | 0.6 |
| SA | . | 3.8 | . | 2.4 | 7.2 | 1.1 |
| WA | . | 3.5 | . | 2.8 | 9.2 | 1.5 |
| Tas. | . | 2.5 | . | 2.3 | 5.9 | 1.2 |
| ACT | . | 2.1 | . | 1.1 | 2.6 | 0.3 |
| Australia | . | 1.7 | . | 0.9 | 2.8 | 0.4 |

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 bouse 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.

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.

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.

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.

## TREND ESTIMATES

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.

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 0262526345.

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.

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

30 The chain volume measures of commencements and work done appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 1996-97). The reference year will be updated annually in the June quarter publication. Each year's data in the value of commencements and work done series are based on the prices of the previous year, except for the quarters of the latest incomplete year (i.e. for the 1998-99 financial year) which are based upon the current reference year (i.e. 1996-97). Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series. Further information on the nature and concepts of chain volume measures is contained in the ABS Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts (Cat. no. 5248.0).
31 The factors used to seasonally adjust the chain volume measures are identical to those used to adjust the corresponding current price series.

## ACKNOWLEDGMENT

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

## UNPUBLISHED DATA AND RELATED PUBLICATIONS

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

## EXPLANATORY NOTES continued

## UNPUBLISHED DATA AND RELATED PUBLICATIONS continued

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

Building Activity, Australia: Dwelling Unit Commencements, Preliminary (Cat. no. 8750.0) - issued quarterly
Building Activity, Australia: Building Work Done, Preliminary (Cat. no. 8755.0) - issued quarterly
Building Approvals, Australia (Cat. no. 8731.0) - issued monthly
Engineering Construction Activity, Australia (Cat. no. 8762.0) — issued quarterly
House Price Indexes: Eight Capital Cities (Cat. no. 6416.0) - issued quarterly
Housing Finance for Owner Occupation, Australia (Cat. no. 5609.0) issued monthly
Price Index of Materials Used in Building Other Than House Building, Six State Capital Cities (Cat. no. 6407.0) - issued quarterly
Price Index of Materials Used in House Building, Six State Capital Cities (Cat. no. 6408.0) - issued quarterly
Private Sector Construction Industry, Australia, 1996-97 (Cat. no. 8772.0)
35 Current publications produced by the ABS are listed in the Catalogue of Publications and Products (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a Release Advice (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

ABS Australian Bureau of Statistics
n.a. not available

RSE relative standard error
SE standard error
not applicable

- nil or rounded to zero

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

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[^0]:    W. McLennan

    Australian Statistician

[^1]:    (a) Reference year for chain volume measures is 1996-97. See paragraphs 28 to 31 of the Explanatory Notes

[^2]:    16

[^3]:    18

[^4]:    30

[^5]:    32

[^6]:    34

