

BUILDING ACTIVITY *NORTHERN TERRITORY*

EMBARGO: 11:30AM (CANBERRA TIME) WED 2 FEB 2000

SEPTEMBER QTR KEY FIGURES

| ORIGINAL ESTIMATES | Sept qtr 99 | Jun qtr 99 to Sept qtr 99 % change | Sept qtr 98 to Sept qtr 99 % change |
|--------------------------------------|-------------|------------------------------------------|-------------------------------------------|
| Value of work done(a) (\$m) | 102.6 | -17.9 | -31.2 |
| New residential building (\$m) | 64.2 | 0.8 | -7.6 |
| Alterations and additions(b) (\$m) | 8.2 | 9.1 | 3.8 |
| Non-residential building (\$m) | 30.3 | -43.7 | -57.7 |
| Total dwelling units commenced (no.) | 461 | 10.6 | -7.2 |
| New private sector houses (no.) | 197 | -16.2 | -10.9 |

(a) Chain volume measures, reference year 1997-98. (b) To residential buildings.

SEPTEMBER QTR KEY POINTS

VALUE OF WORK DONE, VOLUME TERMS

- Total building work done fell by 17.9% in the September quarter to \$102.6m.
- The fall was due to work done in the non-residential sector declining by 43.7% to \$30.3m, the lowest since the December quarter 1982.
- Work done on new residential building rose marginally, by 0.8%, to \$64.2m. Although work on new other residential buildings fell by 13.2%, work on new houses rose by 7.7%. Work done on alterations and additions to residential buildings rose by 9.1% to \$8.2m.

VALUE OF WORK COMMENCED, VOLUME TERMS

- Total building work commenced in the September quarter rose by 14.2% to \$112.3m.
- Non-residential commencements fell by 17.0% to \$29.5m, the lowest since the December quarter 1994.
- On the other hand, the value of new residential building commenced rose strongly, by 33.2% to \$73.7m. New houses rose by 26.7% to \$52.8m and new other residential buildings by 52.8% to \$20.9m. Alterations and additions to residential buildings also rose, by 22.5% to \$9.1m.

NUMBER OF DWELLING UNITS COMMENCED

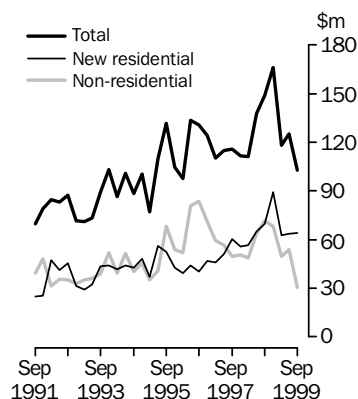
- The total number of dwelling units commenced rose by 10.6% to 461. In the private sector, commencements of new houses fell by 16.2% but new other dwelling units rose by 114.5%.

VALUE OF WORK YET TO BE DONE

- Work yet to be done on jobs under construction at the end of September 1999 rose by 14.3% to \$93.7m. This was 0.92 times the value of work done for the quarter (0.85 for residential building and 1.09 for non-residential).

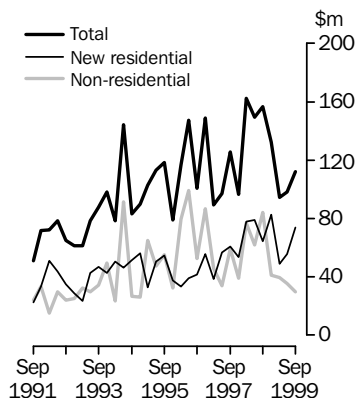
Value of work done

Volume terms



Value of work commenced

Volume terms



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

NOTES

FORTHCOMING ISSUES

ISSUE (QUARTER)

RELEASE DATE

December 1999

3 May 2000

March 2000

2 August 2000

.....

CHANGES IN THIS ISSUE

There are no changes in this issue.

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SIGNIFICANT REVISIONS THIS ISSUE

The value of non-residential building work commenced during the June quarter 1999 has been revised upwards by \$5.7m (19.5%).

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SYMBOLS AND OTHER USAGES

ABS Australian Bureau of Statistics

— nil or rounded to zero

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

Robyn Elliott
Regional Director
Northern Territory

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| 3 | Value of non-residential building commenced | 6 |
| 4 | Number and value of building under construction | 7 |
| 5 | Value of non-residential building under construction | 8 |
| 6 | Number and value of building completed | 9 |
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TABLE 1. VALUE OF BUILDING ACTIVITY, CHAIN VOLUME MEASURES(a)
(\$ million)

| (\$ million) | | | | | | | |
|----------------------------------|--------------------------|-----------------------------|-------|----------------------------------------------------|--------------------------|-------|----------------|
| Period | New residential building | | | Alterations and additions to residential buildings | Non-residential building | | Total building |
| | Houses | Other residential buildings | Total | | Private Sector | Total | |
| COMMENCED | | | | | | | |
| 1996-97 | 128.5 | 63.6 | 192.1 | 24.4 | 114.9 | 219.2 | 436.3 |
| 1997-98 | 156.8 | 114.3 | 271.0 | 26.2 | 100.3 | 237.0 | 534.2 |
| 1998-99 | 196.0 | 55.6 | 251.7 | 29.5 | 96.9 | 200.4 | 481.4 |
| 1998 June qtr | 46.3 | 32.5 | 78.8 | 8.9 | 26.1 | 61.9 | 149.5 |
| Sept. qtr | 52.9 | 11.4 | 64.4 | 7.9 | 24.2 | 84.4 | 156.6 |
| Dec. qtr | 64.3 | 18.6 | 82.8 | 8.4 | 27.9 | 40.9 | 132.1 |
| 1999 Mar. qtr | 37.1 | 11.9 | 49.1 | 5.8 | 15.1 | 39.6 | 94.4 |
| June qtr | 41.7 | 13.7 | 55.4 | 7.4 | 29.7 | 35.5 | 98.3 |
| Sept. qtr | 52.8 | 20.9 | 73.7 | 9.1 | 16.1 | 29.5 | 112.3 |
| VALUE OF WORK DONE DURING PERIOD | | | | | | | |
| 1996-97 | 126.0 | 58.6 | 184.5 | 23.9 | 144.6 | 270.7 | 480.3 |
| 1997-98 | 146.5 | 91.0 | 237.4 | 26.4 | 108.1 | 212.4 | 476.2 |
| 1998-99 | 197.3 | 87.8 | 285.0 | 29.6 | 103.3 | 243.8 | 558.4 |
| 1998 June qtr | 39.3 | 25.6 | 64.9 | 9.3 | 35.3 | 63.5 | 137.7 |
| Sept. qtr | 48.7 | 20.8 | 69.5 | 7.9 | 31.6 | 71.7 | 149.1 |
| Dec. qtr | 63.9 | 25.5 | 89.4 | 8.2 | 22.2 | 68.4 | 166.0 |
| 1999 Mar. qtr | 42.0 | 20.5 | 62.5 | 6.0 | 22.1 | 49.8 | 118.3 |
| June qtr | 42.7 | 21.0 | 63.6 | 7.5 | 27.4 | 53.9 | 125.0 |
| Sept. qtr | 46.0 | 18.2 | 64.2 | 8.2 | 20.4 | 30.3 | 102.6 |

(a) Reference year for chain volume measures is 1997-98. See paragraphs 21 and 22 of the Explanatory Notes.

TABLE 2. NUMBER AND VALUE OF BUILDING COMMENCED: ORIGINAL

| Period | Number of dwelling units | | | | Value (\$m) | | | | | | |
|----------------|--------------------------|--------------------------------|------------------|----------------------|-------------|--------------------------------|--------------------------|----------------------------------------------------|----------------------------|--------------------------------|----------------|
| | New houses | New other residential building | Conversions etc. | Total dwelling units | New houses | New other residential building | New residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | Total building |
| PRIVATE SECTOR | | | | | | | | | | | |
| 1996-97 | 815 | 685 | 28 | 1,528 | 99.5 | 60.2 | 159.6 | 20.7 | 180.3 | 114.2 | 294.5 |
| 1997-98 | 949 | 877 | 14 | 1,840 | 120.0 | 106.7 | 226.7 | 17.8 | 244.4 | 100.2 | 344.6 |
| 1998-99 | 933 | 485 | 15 | 1,433 | 123.6 | 51.7 | 175.3 | 23.0 | 198.3 | 95.4 | 293.7 |
| 1998 June qtr | 295 | 235 | 6 | 536 | 40.1 | 32.0 | 72.2 | 4.8 | 77.0 | 26.0 | 103.0 |
| Sept. qtr | 221 | 106 | 3 | 330 | 29.7 | 10.5 | 40.2 | 6.7 | 46.8 | 23.9 | 70.8 |
| Dec. qtr | 256 | 187 | 4 | 447 | 35.1 | 18.4 | 53.5 | 6.0 | 59.6 | 27.4 | 87.0 |
| 1999 Mar. qtr | 221 | 109 | 6 | 336 | 28.6 | 10.8 | 39.4 | 4.6 | 43.9 | 14.8 | 58.8 |
| June qtr | 235 | 83 | 2 | 320 | 30.2 | 12.0 | 42.2 | 5.8 | 48.0 | 29.1 | 77.1 |
| Sept. qtr | 197 | 178 | 4 | 379 | 27.9 | 21.4 | 49.3 | 7.9 | 57.1 | 15.9 | 73.1 |
| PUBLIC SECTOR | | | | | | | | | | | |
| 1996-97 | 170 | 16 | 12 | 198 | 25.2 | 1.6 | 26.9 | 3.1 | 30.0 | 103.5 | 133.5 |
| 1997-98 | 270 | 75 | — | 345 | 36.7 | 7.7 | 44.4 | 8.6 | 52.9 | 136.7 | 189.6 |
| 1998-99 | 494 | 47 | — | 541 | 72.7 | 5.0 | 77.7 | 6.6 | 84.3 | 102.2 | 186.5 |
| 1998 June qtr | 49 | 7 | — | 56 | 6.1 | 0.8 | 6.9 | 4.1 | 11.0 | 35.7 | 46.7 |
| Sept. qtr | 153 | 14 | — | 167 | 23.1 | 1.1 | 24.3 | 1.2 | 25.4 | 59.6 | 85.1 |
| Dec. qtr | 194 | 4 | — | 198 | 29.0 | 0.5 | 29.6 | 2.4 | 32.0 | 12.8 | 44.8 |
| 1999 Mar. qtr | 64 | 15 | — | 79 | 8.7 | 1.4 | 10.0 | 1.3 | 11.3 | 24.0 | 35.3 |
| June qtr | 83 | 14 | — | 97 | 11.9 | 2.0 | 13.9 | 1.7 | 15.6 | 5.8 | 21.4 |
| Sept. qtr | 82 | — | — | 82 | 25.9 | — | 25.9 | 1.4 | 27.3 | 13.2 | 40.5 |
| TOTAL | | | | | | | | | | | |
| 1996-97 | 985 | 701 | 40 | 1,726 | 124.7 | 61.8 | 186.5 | 23.8 | 210.3 | 217.7 | 428.0 |
| 1997-98 | 1,219 | 952 | 14 | 2,185 | 156.7 | 114.4 | 271.0 | 26.3 | 297.3 | 236.9 | 534.3 |
| 1998-99 | 1,427 | 532 | 15 | 1,974 | 196.4 | 56.7 | 253.1 | 29.6 | 282.6 | 197.5 | 480.2 |
| 1998 June qtr | 344 | 242 | 6 | 592 | 46.2 | 32.9 | 79.1 | 8.9 | 88.0 | 61.7 | 149.7 |
| Sept. qtr | 374 | 120 | 3 | 497 | 52.8 | 11.6 | 64.4 | 7.8 | 72.3 | 83.6 | 155.8 |
| Dec. qtr | 450 | 191 | 4 | 645 | 64.2 | 18.9 | 83.1 | 8.4 | 91.6 | 40.2 | 131.8 |
| 1999 Mar. qtr | 285 | 124 | 6 | 415 | 37.3 | 12.2 | 49.4 | 5.8 | 55.3 | 38.9 | 94.1 |
| June qtr | 318 | 97 | 2 | 417 | 42.1 | 14.0 | 56.1 | 7.5 | 63.6 | 34.9 | 98.5 |
| Sept. qtr | 279 | 178 | 4 | 461 | 53.8 | 21.4 | 75.2 | 9.3 | 84.5 | 29.1 | 113.6 |

TABLE 3. VALUE OF NON-RESIDENTIAL BUILDING COMMENCED: ORIGINAL
(\$ million)

| <i>Period</i> | <i>Hotels etc.</i> | <i>Shops</i> | <i>Factories</i> | <i>Offices</i> | <i>Other business premises</i> | <i>Educational</i> | <i>Religious</i> | <i>Health</i> | <i>Entertain- ment and recreational</i> | <i>Miscel- laneous</i> | <i>Total non-resi- dential building</i> |
|-----------------------|------------------------|--------------|------------------|----------------|----------------------------------------|--------------------|------------------|---------------|-------------------------------------------------|----------------------------|-----------------------------------------------------|
| PRIVATE SECTOR | | | | | | | | | | | |
| 1996-97 | 1.4 | 53.8 | 4.0 | 20.2 | 19.7 | 7.4 | 0.2 | 0.4 | 1.9 | 5.1 | 114.2 |
| 1997-98 | 0.6 | 34.5 | 5.6 | 14.5 | 20.9 | 3.9 | 0.1 | 0.5 | 15.5 | 4.0 | 100.2 |
| 1998-99 | 9.4 | 20.0 | 5.7 | 12.4 | 17.1 | 2.8 | 0.5 | 1.9 | 23.7 | 1.9 | 95.4 |
| 1998 June qtr | — | 7.4 | 1.5 | 7.3 | 5.7 | 0.5 | — | 0.1 | — | 3.5 | 26.0 |
| Sept. qtr | — | 11.2 | 1.6 | 5.0 | 5.3 | 0.1 | 0.1 | — | 0.2 | 0.4 | 23.9 |
| Dec. qtr | 0.2 | 2.0 | — | 3.4 | 4.4 | 0.3 | 0.1 | — | 16.2 | 0.8 | 27.4 |
| 1999 Mar. qtr | — | 2.6 | 1.1 | 3.1 | 2.9 | 1.1 | — | — | 3.4 | 0.6 | 14.8 |
| June qtr | 9.2 | 4.2 | 3.0 | 0.8 | 4.5 | 1.3 | 0.3 | 1.9 | 3.9 | — | 29.1 |
| Sept. qtr | 3.1 | 2.7 | 1.4 | 1.8 | 1.6 | 2.6 | 0.5 | — | 0.6 | 1.6 | 15.9 |
| PUBLIC SECTOR | | | | | | | | | | | |
| 1996-97 | 1.2 | 3.3 | 21.7 | 8.0 | 5.5 | 37.2 | — | 3.3 | 4.4 | 19.0 | 103.5 |
| 1997-98 | — | 0.2 | 0.1 | 18.2 | 47.3 | 20.9 | — | 6.3 | 0.5 | 43.2 | 136.7 |
| 1998-99 | 0.1 | 0.6 | 0.3 | 38.7 | 7.4 | 13.4 | — | 14.2 | 1.3 | 26.2 | 102.2 |
| 1998 June qtr | — | 0.2 | — | 2.8 | 14.6 | 4.0 | — | 5.3 | 0.1 | 8.8 | 35.7 |
| Sept. qtr | — | 0.1 | — | 36.5 | 0.1 | 7.1 | — | 1.2 | 0.4 | 14.2 | 59.6 |
| Dec. qtr | 0.1 | 0.4 | — | 0.6 | 1.8 | 2.8 | — | 2.2 | 0.4 | 4.5 | 12.8 |
| 1999 Mar. qtr | — | — | — | 1.2 | 3.1 | 2.2 | — | 10.8 | 0.3 | 6.4 | 24.0 |
| June qtr | — | 0.1 | 0.3 | 0.4 | 2.4 | 1.3 | — | — | 0.2 | 1.1 | 5.8 |
| Sept. qtr | — | — | — | 1.2 | — | 4.2 | — | 2.4 | — | 5.4 | 13.2 |
| TOTAL | | | | | | | | | | | |
| 1996-97 | 2.6 | 57.1 | 25.7 | 28.2 | 25.2 | 44.6 | 0.2 | 3.8 | 6.2 | 24.0 | 217.7 |
| 1997-98 | 0.6 | 34.7 | 5.7 | 32.8 | 68.2 | 24.9 | 0.1 | 6.8 | 16.0 | 47.2 | 236.9 |
| 1998-99 | 9.6 | 20.6 | 6.0 | 51.0 | 24.4 | 16.2 | 0.5 | 16.1 | 25.0 | 28.1 | 197.5 |
| 1998 June qtr | — | 7.6 | 1.5 | 10.1 | 20.3 | 4.4 | — | 5.3 | 0.1 | 12.3 | 61.7 |
| Sept. qtr | — | 11.3 | 1.6 | 41.5 | 5.3 | 7.1 | 0.1 | 1.2 | 0.6 | 14.7 | 83.6 |
| Dec. qtr | 0.4 | 2.4 | — | 4.0 | 6.2 | 3.1 | 0.1 | 2.2 | 16.6 | 5.3 | 40.2 |
| 1999 Mar. qtr | — | 2.6 | 1.1 | 4.3 | 6.0 | 3.4 | — | 10.8 | 3.8 | 7.0 | 38.9 |
| June qtr | 9.2 | 4.3 | 3.2 | 1.2 | 6.9 | 2.6 | 0.3 | 1.9 | 4.1 | 1.1 | 34.9 |
| Sept. qtr | 3.1 | 2.7 | 1.4 | 3.0 | 1.6 | 6.8 | 0.5 | 2.4 | 0.6 | 7.0 | 29.1 |

TABLE 4. NUMBER AND VALUE OF BUILDING UNDER CONSTRUCTION AT END OF PERIOD: ORIGINAL

| | Number of dwelling units | | | | Value (\$m) | | | | | | |
|----------------|--------------------------|--------------------------------|------------------|----------------------|-------------|--------------------------------|--------------------------|----------------------------------------------------|----------------------------|--------------------------------|----------------|
| | New houses | New other residential building | Conversions etc. | Total dwelling units | New houses | New other residential building | New residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | Total building |
| PRIVATE SECTOR | | | | | | | | | | | |
| 1996-97 | 338 | 450 | 9 | 797 | 42.1 | 38.5 | 80.7 | 10.3 | 91.0 | 57.3 | 148.3 |
| 1997-98 | 383 | 531 | 4 | 918 | 52.7 | 70.2 | 122.9 | 7.2 | 130.1 | 45.1 | 175.2 |
| 1998-99 | 367 | 273 | 6 | 646 | 51.6 | 40.3 | 91.9 | 8.1 | 100.0 | 35.9 | 136.0 |
| 1998 June qtr | 383 | 531 | 4 | 918 | 52.7 | 70.2 | 122.9 | 7.2 | 130.1 | 45.1 | 175.2 |
| Sept. qtr | 379 | 450 | 5 | 834 | 53.6 | 65.1 | 118.8 | 9.2 | 128.0 | 39.0 | 167.0 |
| Dec. qtr | 376 | 403 | 5 | 784 | 54.3 | 55.7 | 109.9 | 7.9 | 117.8 | 29.1 | 147.0 |
| 1999 Mar. qtr | 387 | 354 | 9 | 750 | 55.7 | 48.8 | 104.5 | 8.1 | 112.6 | 31.4 | 144.0 |
| June qtr | 367 | 273 | 6 | 646 | 51.6 | 40.3 | 91.9 | 8.1 | 100.0 | 35.9 | 136.0 |
| Sept. qtr | 333 | 293 | 5 | 631 | 46.6 | 42.9 | 89.5 | 10.5 | 100.0 | 21.7 | 121.8 |
| PUBLIC SECTOR | | | | | | | | | | | |
| 1996-97 | 52 | 5 | — | 57 | 6.3 | 0.5 | 6.8 | 1.5 | 8.3 | 72.0 | 80.3 |
| 1997-98 | 74 | 17 | — | 91 | 10.6 | 1.6 | 12.3 | 4.1 | 16.4 | 102.7 | 119.0 |
| 1998-99 | 125 | 20 | — | 145 | 19.3 | 2.6 | 21.8 | 2.2 | 24.0 | 67.4 | 91.5 |
| 1998 June qtr | 74 | 17 | — | 91 | 10.6 | 1.6 | 12.3 | 4.1 | 16.4 | 102.7 | 119.0 |
| Sept. qtr | 143 | 21 | — | 164 | 22.2 | 2.0 | 24.2 | 1.4 | 25.6 | 134.1 | 159.8 |
| Dec. qtr | 167 | 20 | — | 187 | 25.7 | 1.8 | 27.6 | 2.5 | 30.1 | 127.3 | 157.4 |
| 1999 Mar. qtr | 131 | 27 | — | 158 | 18.6 | 2.3 | 20.9 | 2.4 | 23.4 | 102.5 | 125.8 |
| June qtr | 125 | 20 | — | 145 | 19.3 | 2.6 | 21.8 | 2.2 | 24.0 | 67.4 | 91.5 |
| Sept. qtr | 88 | — | — | 88 | 26.6 | — | 26.6 | 2.1 | 28.7 | 54.5 | 83.2 |
| TOTAL | | | | | | | | | | | |
| 1996-97 | 390 | 455 | 9 | 854 | 48.4 | 39.0 | 87.5 | 11.8 | 99.3 | 129.3 | 228.6 |
| 1997-98 | 457 | 548 | 4 | 1,009 | 63.4 | 71.8 | 135.2 | 11.3 | 146.5 | 147.8 | 294.3 |
| 1998-99 | 492 | 293 | 6 | 791 | 70.9 | 42.9 | 113.8 | 10.3 | 124.1 | 103.4 | 227.4 |
| 1998 June qtr | 457 | 548 | 4 | 1,009 | 63.4 | 71.8 | 135.2 | 11.3 | 146.5 | 147.8 | 294.3 |
| Sept. qtr | 522 | 471 | 5 | 998 | 75.9 | 67.1 | 142.9 | 10.7 | 153.6 | 173.1 | 326.7 |
| Dec. qtr | 543 | 423 | 5 | 971 | 80.0 | 57.5 | 137.5 | 10.4 | 147.9 | 156.4 | 304.4 |
| 1999 Mar. qtr | 518 | 381 | 9 | 908 | 74.3 | 51.1 | 125.4 | 10.6 | 136.0 | 133.8 | 269.8 |
| June qtr | 492 | 293 | 6 | 791 | 70.9 | 42.9 | 113.8 | 10.3 | 124.1 | 103.4 | 227.4 |
| Sept. qtr | 421 | 293 | 5 | 719 | 73.2 | 42.9 | 116.1 | 12.6 | 128.7 | 76.2 | 205.0 |

**TABLE 5. VALUE OF NON-RESIDENTIAL BUILDING UNDER CONSTRUCTION AT END OF PERIOD: ORIGINAL
(\$ million)**

| | <i>Hotels etc.</i> | <i>Shops</i> | <i>Factories</i> | <i>Offices</i> | <i>Other business premises</i> | <i>Educational</i> | <i>Religious</i> | <i>Health</i> | <i>Entertain- ment and recreational</i> | <i>Miscel- laneous</i> | <i>Total non-resi- dential building</i> |
|-----------------------|------------------------|--------------|------------------|----------------|----------------------------------------|--------------------|------------------|---------------|-------------------------------------------------|----------------------------|-----------------------------------------------------|
| PRIVATE SECTOR | | | | | | | | | | | |
| 1996-97 | 0.6 | 40.1 | 1.1 | 6.5 | 7.9 | — | 0.2 | — | 0.1 | 0.7 | 57.3 |
| 1997-98 | 0.9 | 14.9 | 2.0 | 6.6 | 5.7 | 0.7 | — | — | 10.8 | 3.4 | 45.1 |
| 1998-99 | 9.2 | 4.7 | 3.3 | 1.3 | 8.0 | 0.9 | 0.3 | 1.9 | 6.0 | 0.3 | 35.9 |
| 1998 June qtr | 0.9 | 14.9 | 2.0 | 6.6 | 5.7 | 0.7 | — | — | 10.8 | 3.4 | 45.1 |
| Sept. qtr | 0.9 | 9.7 | 1.6 | 5.5 | 6.6 | 0.1 | 0.1 | — | 10.9 | 3.6 | 39.0 |
| Dec. qtr | 0.6 | 2.3 | 0.3 | 5.5 | 4.2 | — | — | — | 15.7 | 0.5 | 29.1 |
| 1999 Mar. qtr | 0.6 | 2.0 | 1.2 | 3.2 | 6.9 | 0.2 | — | — | 16.3 | 1.0 | 31.4 |
| June qtr | 9.2 | 4.7 | 3.3 | 1.3 | 8.0 | 0.9 | 0.3 | 1.9 | 6.0 | 0.3 | 35.9 |
| Sept. qtr | 3.7 | 1.9 | 1.7 | 1.6 | 4.1 | 2.7 | 0.6 | 2.2 | 1.5 | 1.8 | 21.7 |
| PUBLIC SECTOR | | | | | | | | | | | |
| 1996-97 | 0.1 | 0.2 | 20.1 | 0.8 | 0.6 | 33.5 | — | 0.4 | 3.3 | 13.1 | 72.0 |
| 1997-98 | — | 0.2 | — | 10.6 | 42.5 | 8.9 | — | 5.1 | — | 35.3 | 102.7 |
| 1998-99 | — | — | 0.3 | 37.0 | 9.2 | 0.1 | — | 10.0 | — | 11.0 | 67.4 |
| 1998 June qtr | — | 0.2 | — | 10.6 | 42.5 | 8.9 | — | 5.1 | — | 35.3 | 102.7 |
| Sept. qtr | — | 0.3 | — | 38.7 | 42.6 | 10.1 | — | 5.9 | 0.4 | 36.1 | 134.1 |
| Dec. qtr | — | 0.4 | — | 38.7 | 40.8 | 2.3 | — | 7.0 | — | 38.1 | 127.3 |
| 1999 Mar. qtr | — | — | — | 36.0 | 32.3 | 2.9 | — | 14.8 | 0.2 | 16.3 | 102.5 |
| June qtr | — | — | 0.3 | 37.0 | 9.2 | 0.1 | — | 10.0 | — | 11.0 | 67.4 |
| Sept. qtr | — | — | 0.3 | 24.1 | 7.9 | 4.2 | — | 12.4 | — | 5.6 | 54.5 |
| TOTAL | | | | | | | | | | | |
| 1996-97 | 0.8 | 40.3 | 21.2 | 7.3 | 8.5 | 33.5 | 0.2 | 0.4 | 3.4 | 13.8 | 129.3 |
| 1997-98 | 0.9 | 15.1 | 2.0 | 17.3 | 48.3 | 9.6 | — | 5.1 | 10.8 | 38.8 | 147.8 |
| 1998-99 | 9.2 | 4.7 | 3.6 | 38.3 | 17.2 | 1.0 | 0.3 | 11.9 | 6.0 | 11.2 | 103.4 |
| 1998 June qtr | 0.9 | 15.1 | 2.0 | 17.3 | 48.3 | 9.6 | — | 5.1 | 10.8 | 38.8 | 147.8 |
| Sept. qtr | 0.9 | 10.0 | 1.6 | 44.2 | 49.2 | 10.1 | 0.1 | 5.9 | 11.3 | 39.8 | 173.1 |
| Dec. qtr | 0.6 | 2.7 | 0.3 | 44.1 | 45.0 | 2.3 | — | 7.0 | 15.7 | 38.6 | 156.4 |
| 1999 Mar. qtr | 0.6 | 2.0 | 1.2 | 39.1 | 39.1 | 3.1 | — | 14.8 | 16.6 | 17.3 | 133.8 |
| June qtr | 9.2 | 4.7 | 3.6 | 38.3 | 17.2 | 1.0 | 0.3 | 11.9 | 6.0 | 11.2 | 103.4 |
| Sept. qtr | 3.7 | 1.9 | 1.9 | 25.7 | 12.0 | 6.9 | 0.6 | 14.6 | 1.5 | 7.4 | 76.2 |

TABLE 6. NUMBER AND VALUE OF BUILDING COMPLETED: ORIGINAL

| Period | Number of dwelling units | | | | Value (\$m) | | | | | | |
|----------------|--------------------------|--------------------------------|------------------|----------------------|-------------|--------------------------------|--------------------------|----------------------------------------------------|----------------------------|--------------------------------|----------------|
| | New houses | New other residential building | Conversions etc. | Total dwelling units | New houses | New other residential building | New residential building | Alterations and additions to residential buildings | Total residential building | Total non-residential building | Total building |
| | | | | | | | | | | | |
| PRIVATE SECTOR | | | | | | | | | | | |
| 1996-97 | 823 | 504 | 23 | 1,350 | 95.2 | 50.2 | 145.3 | 20.0 | 165.3 | 171.4 | 336.7 |
| 1997-98 | 894 | 796 | 18 | 1,708 | 110.0 | 74.9 | 184.9 | 21.2 | 206.0 | 114.0 | 320.0 |
| 1998-99 | 941 | 749 | 13 | 1,703 | 125.5 | 84.5 | 209.9 | 22.4 | 232.4 | 104.8 | 337.2 |
| 1998 June qtr | 197 | 204 | 5 | 406 | 25.4 | 24.1 | 49.5 | 5.3 | 54.8 | 67.7 | 122.5 |
| Sept. qtr | 223 | 195 | 2 | 420 | 28.5 | 16.1 | 44.6 | 4.9 | 49.5 | 29.1 | 78.6 |
| Dec. qtr | 256 | 234 | 4 | 494 | 34.3 | 28.9 | 63.2 | 7.5 | 70.7 | 37.1 | 107.8 |
| 1999 Mar. qtr | 208 | 156 | 2 | 366 | 28.0 | 18.8 | 46.9 | 4.5 | 51.4 | 13.6 | 65.1 |
| June qtr | 254 | 164 | 5 | 423 | 34.6 | 20.6 | 55.2 | 5.6 | 60.8 | 24.9 | 85.7 |
| Sept. qtr | 231 | 158 | 5 | 394 | 33.3 | 18.6 | 51.9 | 5.7 | 57.5 | 30.0 | 87.6 |
| PUBLIC SECTOR | | | | | | | | | | | |
| 1996-97 | 125 | 119 | 14 | 258 | 19.8 | 8.0 | 27.8 | 1.8 | 29.5 | 135.1 | 164.7 |
| 1997-98 | 248 | 63 | — | 311 | 32.4 | 6.5 | 38.9 | 6.0 | 44.9 | 99.3 | 144.1 |
| 1998-99 | 443 | 44 | — | 487 | 65.4 | 4.1 | 69.4 | 8.3 | 77.7 | 140.0 | 217.7 |
| 1998 June qtr | 84 | 2 | — | 86 | 12.1 | 0.1 | 12.2 | 3.3 | 15.6 | 16.1 | 31.7 |
| Sept. qtr | 84 | 10 | — | 94 | 11.8 | 0.8 | 12.6 | 3.8 | 16.4 | 27.5 | 43.9 |
| Dec. qtr | 170 | 5 | — | 175 | 25.5 | 0.6 | 26.2 | 1.3 | 27.5 | 20.8 | 48.2 |
| 1999 Mar. qtr | 100 | 8 | — | 108 | 16.0 | 0.9 | 16.9 | 1.2 | 18.1 | 49.1 | 67.2 |
| June qtr | 89 | 21 | — | 110 | 12.0 | 1.8 | 13.7 | 2.0 | 15.7 | 42.6 | 58.3 |
| Sept. qtr | 119 | 20 | — | 139 | 18.6 | 2.5 | 21.1 | 1.5 | 22.7 | 26.1 | 48.8 |
| TOTAL | | | | | | | | | | | |
| 1996-97 | 948 | 623 | 37 | 1,608 | 114.9 | 58.2 | 173.1 | 21.7 | 194.8 | 306.6 | 501.4 |
| 1997-98 | 1,142 | 859 | 18 | 2,019 | 142.4 | 81.3 | 223.7 | 27.1 | 250.9 | 213.2 | 464.1 |
| 1998-99 | 1,384 | 793 | 13 | 2,190 | 190.8 | 88.5 | 279.4 | 30.8 | 310.1 | 244.8 | 554.9 |
| 1998 June qtr | 281 | 206 | 5 | 492 | 37.5 | 24.3 | 61.8 | 8.6 | 70.4 | 83.8 | 154.2 |
| Sept. qtr | 307 | 205 | 2 | 514 | 40.3 | 16.9 | 57.3 | 8.7 | 65.9 | 56.7 | 122.6 |
| Dec. qtr | 426 | 239 | 4 | 669 | 59.8 | 29.6 | 89.4 | 8.8 | 98.2 | 57.9 | 156.1 |
| 1999 Mar. qtr | 308 | 164 | 2 | 474 | 44.1 | 19.7 | 63.8 | 5.7 | 69.5 | 62.8 | 132.3 |
| June qtr | 343 | 185 | 5 | 533 | 46.6 | 22.3 | 68.9 | 7.6 | 76.5 | 67.5 | 144.0 |
| Sept. qtr | 350 | 178 | 5 | 533 | 51.9 | 21.1 | 73.0 | 7.2 | 80.2 | 56.1 | 136.3 |

TABLE 7. VALUE OF NON-RESIDENTIAL BUILDING COMPLETED: ORIGINAL
(\$ million)

| <i>Period</i> | <i>Hotels etc.</i> | <i>Shops</i> | <i>Factories</i> | <i>Offices</i> | <i>Other business premises</i> | <i>Educational</i> | <i>Religious</i> | <i>Health</i> | <i>Entertain- ment and recreational</i> | <i>Miscel- laneous</i> | <i>Total non-resi- dential building</i> |
|-----------------------|------------------------|--------------|------------------|----------------|----------------------------------------|--------------------|------------------|---------------|-------------------------------------------------|----------------------------|-----------------------------------------------------|
| PRIVATE SECTOR | | | | | | | | | | | |
| 1996-97 | 60.9 | 49.4 | 4.0 | 20.9 | 18.4 | 8.0 | 0.1 | 0.4 | 4.2 | 5.0 | 171.4 |
| 1997-98 | 0.3 | 60.9 | 4.8 | 14.3 | 22.9 | 3.3 | 0.3 | 0.5 | 5.2 | 1.6 | 114.0 |
| 1998-99 | 0.9 | 29.7 | 4.4 | 18.0 | 15.3 | 2.6 | 0.3 | — | 28.8 | 5.0 | 104.8 |
| 1998 June qtr | — | 46.6 | 0.5 | 7.6 | 8.2 | 0.3 | — | 0.2 | 3.7 | 0.6 | 67.7 |
| Sept. qtr | — | 16.1 | 2.1 | 5.6 | 4.4 | 0.7 | — | — | 0.1 | — | 29.1 |
| Dec. qtr | 0.2 | 9.4 | 1.3 | 3.4 | 6.7 | 0.4 | 0.3 | — | 11.4 | 4.1 | 37.1 |
| 1999 Mar. qtr | — | 2.9 | 0.1 | 6.0 | 0.7 | 0.9 | — | — | 3.0 | 0.1 | 13.6 |
| June qtr | 0.6 | 1.3 | 0.8 | 2.9 | 3.5 | 0.6 | — | — | 14.4 | 0.8 | 24.9 |
| Sept. qtr | 8.7 | 5.5 | 3.0 | 1.5 | 5.2 | 0.8 | 0.1 | — | 5.0 | 0.1 | 30.0 |
| PUBLIC SECTOR | | | | | | | | | | | |
| 1996-97 | 1.0 | 7.7 | 1.6 | 20.2 | 22.1 | 40.8 | — | 3.6 | 5.9 | 32.3 | 135.1 |
| 1997-98 | 0.1 | 0.3 | 21.2 | 4.2 | 6.2 | 40.2 | — | 1.5 | 3.8 | 21.8 | 99.3 |
| 1998-99 | 0.1 | 0.8 | — | 13.6 | 42.1 | 22.0 | — | 9.7 | 1.3 | 50.3 | 140.0 |
| 1998 June qtr | — | — | 0.1 | 0.2 | 4.4 | 6.4 | — | 0.4 | 0.5 | 4.2 | 16.1 |
| Sept. qtr | — | — | — | 8.4 | — | 5.7 | — | 0.4 | — | 13.0 | 27.5 |
| Dec. qtr | 0.1 | 0.3 | — | 0.6 | 4.6 | 10.6 | — | 1.1 | 0.7 | 2.6 | 20.8 |
| 1999 Mar. qtr | — | 0.4 | — | 4.1 | 11.7 | 1.6 | — | 3.0 | 0.1 | 28.1 | 49.1 |
| June qtr | — | 0.1 | — | 0.4 | 25.8 | 4.2 | — | 5.1 | 0.4 | 6.6 | 42.6 |
| Sept. qtr | — | — | — | 14.0 | 1.3 | 0.1 | — | — | — | 10.8 | 26.1 |
| TOTAL | | | | | | | | | | | |
| 1996-97 | 61.9 | 57.1 | 5.6 | 41.1 | 40.5 | 48.8 | 0.1 | 4.0 | 10.1 | 37.3 | 306.6 |
| 1997-98 | 0.5 | 61.2 | 25.9 | 18.5 | 29.0 | 43.5 | 0.3 | 2.0 | 9.0 | 23.4 | 213.2 |
| 1998-99 | 1.0 | 30.4 | 4.4 | 31.6 | 57.4 | 24.6 | 0.3 | 9.7 | 30.1 | 55.3 | 244.8 |
| 1998 June qtr | — | 46.6 | 0.6 | 7.8 | 12.5 | 6.6 | — | 0.7 | 4.2 | 4.7 | 83.8 |
| Sept. qtr | — | 16.1 | 2.1 | 14.1 | 4.4 | 6.4 | — | 0.4 | 0.1 | 13.0 | 56.7 |
| Dec. qtr | 0.4 | 9.7 | 1.3 | 4.0 | 11.3 | 10.9 | 0.3 | 1.1 | 12.1 | 6.7 | 57.9 |
| 1999 Mar. qtr | — | 3.3 | 0.1 | 10.1 | 12.3 | 2.6 | — | 3.0 | 3.1 | 28.2 | 62.8 |
| June qtr | 0.6 | 1.3 | 0.8 | 3.4 | 29.3 | 4.7 | — | 5.1 | 14.8 | 7.3 | 67.5 |
| Sept. qtr | 8.7 | 5.5 | 3.0 | 15.5 | 6.5 | 0.8 | 0.1 | — | 5.0 | 10.9 | 56.1 |

TABLE 8. VALUE OF BUILDING WORK DONE: ORIGINAL
(\$ million)

| <i>Period</i> | <i>New houses</i> | <i>New other residential building</i> | <i>New residential building</i> | <i>Alterations and additions to residential buildings</i> | <i>Total residential building</i> | <i>Total non-resi- dential building</i> | <i>Total building</i> |
|-----------------------|-----------------------|---------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------|
| PRIVATE SECTOR | | | | | | | |
| 1996-97 | 98.2 | 53.8 | 151.9 | 20.2 | 172.1 | 142.6 | 314.7 |
| 1997-98 | 112.4 | 83.5 | 195.9 | 19.3 | 215.2 | 108.2 | 323.4 |
| 1998-99 | 128.5 | 85.3 | 213.7 | 22.7 | 236.4 | 102.1 | 338.5 |
| 1998 June qtr | 30.1 | 24.9 | 55.0 | 4.7 | 59.7 | 35.3 | 95.0 |
| Sept. qtr | 32.1 | 20.8 | 52.9 | 6.2 | 59.1 | 31.6 | 90.7 |
| Dec. qtr | 36.5 | 24.7 | 61.2 | 6.1 | 67.4 | 22.1 | 89.5 |
| 1999 Mar. qtr | 29.9 | 20.4 | 50.3 | 4.6 | 54.9 | 21.8 | 76.7 |
| June qtr | 30.0 | 19.3 | 49.3 | 5.7 | 55.0 | 26.6 | 81.6 |
| Sept. qtr | 32.0 | 17.4 | 49.4 | 6.8 | 56.2 | 19.6 | 75.7 |
| PUBLIC SECTOR | | | | | | | |
| 1996-97 | 22.9 | 3.3 | 26.3 | 2.7 | 29.0 | 124.4 | 153.4 |
| 1997-98 | 34.1 | 7.4 | 41.5 | 7.1 | 48.6 | 104.1 | 152.7 |
| 1998-99 | 70.5 | 4.7 | 75.1 | 7.2 | 82.3 | 139.6 | 221.9 |
| 1998 June qtr | 9.9 | 1.0 | 10.8 | 4.8 | 15.6 | 28.2 | 43.8 |
| Sept. qtr | 18.2 | 0.4 | 18.6 | 2.0 | 20.6 | 40.2 | 60.8 |
| Dec. qtr | 26.5 | 1.4 | 28.0 | 2.0 | 30.0 | 46.1 | 76.1 |
| 1999 Mar. qtr | 12.5 | 0.7 | 13.2 | 1.4 | 14.5 | 27.4 | 42.0 |
| June qtr | 13.2 | 2.1 | 15.4 | 1.9 | 17.2 | 25.8 | 43.0 |
| Sept. qtr | 14.6 | 0.9 | 15.5 | 1.4 | 17.0 | 9.5 | 26.4 |
| TOTAL | | | | | | | |
| 1996-97 | 121.1 | 57.1 | 178.2 | 22.9 | 201.1 | 267.0 | 468.1 |
| 1997-98 | 146.5 | 90.9 | 237.4 | 26.4 | 263.9 | 212.3 | 476.1 |
| 1998-99 | 198.9 | 89.9 | 288.9 | 29.9 | 318.8 | 241.7 | 560.4 |
| 1998 June qtr | 40.0 | 25.8 | 65.8 | 9.5 | 75.3 | 63.6 | 138.9 |
| Sept. qtr | 50.3 | 21.2 | 71.6 | 8.2 | 79.8 | 71.8 | 151.5 |
| Dec. qtr | 63.0 | 26.2 | 89.2 | 8.1 | 97.3 | 68.2 | 165.6 |
| 1999 Mar. qtr | 42.4 | 21.1 | 63.5 | 6.0 | 69.5 | 49.2 | 118.7 |
| June qtr | 43.2 | 21.4 | 64.6 | 7.6 | 72.2 | 52.4 | 124.6 |
| Sept. qtr | 46.6 | 18.3 | 64.9 | 8.3 | 73.1 | 29.1 | 102.2 |

TABLE 9. VALUE OF NON-RESIDENTIAL BUILDING WORK DONE: ORIGINAL
(\$ million)

| <i>Period</i> | <i>Hotels etc.</i> | <i>Shops</i> | <i>Factories</i> | <i>Offices</i> | <i>Other business premises</i> | <i>Educational</i> | <i>Religious</i> | <i>Health</i> | <i>Entertain- ment and recreational</i> | <i>Miscel- laneous</i> | <i>Total non-resi- dential building</i> |
|-----------------------|------------------------|--------------|------------------|----------------|----------------------------------------|--------------------|------------------|---------------|-------------------------------------------------|----------------------------|-----------------------------------------------------|
| PRIVATE SECTOR | | | | | | | | | | | |
| 1996-97 | 30.8 | 50.9 | 4.2 | 21.1 | 20.0 | 7.5 | 0.2 | 0.4 | 2.1 | 5.2 | 142.6 |
| 1997-98 | 0.3 | 50.3 | 5.6 | 15.0 | 21.2 | 3.8 | 0.1 | 0.5 | 9.9 | 1.5 | 108.2 |
| 1998-99 | 7.9 | 23.1 | 3.9 | 16.3 | 16.2 | 2.8 | 0.3 | 0.3 | 26.5 | 4.8 | 102.1 |
| 1998 June qtr | — | 15.9 | 1.6 | 7.4 | 6.6 | 0.7 | — | 0.1 | 2.3 | 0.6 | 35.3 |
| Sept. qtr | — | 13.0 | 1.2 | 5.6 | 4.5 | 0.3 | 0.1 | — | 4.2 | 2.7 | 31.6 |
| Dec. qtr | 0.2 | 4.2 | 0.7 | 5.0 | 4.7 | 0.3 | 0.2 | — | 5.6 | 1.2 | 22.1 |
| 1999 Mar. qtr | 0.1 | 2.8 | 0.5 | 4.4 | 2.8 | 1.0 | — | — | 9.8 | 0.5 | 21.8 |
| June qtr | 7.6 | 3.1 | 1.5 | 1.4 | 4.2 | 1.2 | — | 0.3 | 7.0 | 0.3 | 26.6 |
| Sept. qtr | 2.8 | 3.3 | 2.8 | 1.7 | 2.8 | 0.9 | 0.3 | 0.8 | 3.6 | 0.5 | 19.6 |
| PUBLIC SECTOR | | | | | | | | | | | |
| 1996-97 | 1.0 | 5.6 | 19.6 | 8.7 | 14.4 | 37.9 | — | 3.4 | 5.0 | 28.8 | 124.4 |
| 1997-98 | 0.1 | 0.4 | 3.1 | 11.0 | 32.0 | 25.4 | — | 1.8 | 1.1 | 29.2 | 104.1 |
| 1998-99 | 0.1 | 0.6 | — | 40.5 | 24.1 | 19.9 | — | 10.2 | 1.3 | 42.7 | 139.6 |
| 1998 June qtr | — | 0.1 | — | 4.2 | 8.8 | 2.6 | — | 0.7 | 0.4 | 11.4 | 28.2 |
| Sept. qtr | — | 0.1 | — | 6.5 | 9.0 | 10.7 | — | 1.6 | 0.1 | 12.2 | 40.2 |
| Dec. qtr | 0.1 | 0.3 | — | 12.1 | 5.8 | 4.9 | — | 4.3 | 0.6 | 17.8 | 46.1 |
| 1999 Mar. qtr | — | 0.2 | — | 9.5 | 4.5 | 2.3 | — | 3.0 | 0.2 | 7.9 | 27.4 |
| June qtr | — | 0.1 | — | 12.3 | 4.9 | 1.9 | — | 1.4 | 0.4 | 4.9 | 25.8 |
| Sept. qtr | — | — | 0.2 | 3.1 | 0.8 | 1.0 | — | 0.9 | — | 3.5 | 9.5 |
| TOTAL | | | | | | | | | | | |
| 1996-97 | 31.8 | 56.6 | 23.8 | 29.8 | 34.4 | 45.4 | 0.2 | 3.9 | 7.1 | 34.0 | 267.0 |
| 1997-98 | 0.5 | 50.7 | 8.8 | 26.0 | 53.1 | 29.2 | 0.1 | 2.2 | 11.0 | 30.6 | 212.3 |
| 1998-99 | 8.1 | 23.7 | 3.9 | 56.8 | 40.3 | 22.7 | 0.3 | 10.6 | 27.8 | 47.5 | 241.7 |
| 1998 June qtr | — | 16.1 | 1.6 | 11.6 | 15.5 | 3.3 | — | 0.8 | 2.7 | 12.0 | 63.6 |
| Sept. qtr | — | 13.1 | 1.2 | 12.1 | 13.5 | 11.0 | 0.1 | 1.6 | 4.3 | 14.9 | 71.8 |
| Dec. qtr | 0.4 | 4.5 | 0.7 | 17.1 | 10.6 | 5.2 | 0.2 | 4.3 | 6.2 | 19.1 | 68.2 |
| 1999 Mar. qtr | 0.1 | 3.0 | 0.5 | 13.9 | 7.2 | 3.3 | — | 3.0 | 10.0 | 8.4 | 49.2 |
| June qtr | 7.6 | 3.1 | 1.5 | 13.7 | 9.0 | 3.2 | — | 1.7 | 7.3 | 5.2 | 52.4 |
| Sept. qtr | 2.8 | 3.3 | 3.0 | 4.8 | 3.6 | 1.9 | 0.3 | 1.7 | 3.6 | 4.0 | 29.1 |

**TABLE 10. VALUE OF BUILDING WORK YET TO BE DONE AT END OF PERIOD: ORIGINAL
(\$ million)**

| | <i>New houses</i> | <i>New other residential building</i> | <i>New residential building</i> | <i>Alterations and additions to residential buildings</i> | <i>Total residential building</i> | <i>Total non-resi- dential building</i> | <i>Total building</i> |
|-----------------------|-----------------------|---------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------|
| PRIVATE SECTOR | | | | | | | |
| 1996-97 | 17.5 | 20.4 | 37.9 | 4.2 | 42.1 | 28.4 | 70.5 |
| 1997-98 | 26.6 | 43.4 | 70.0 | 3.1 | 73.1 | 22.0 | 95.1 |
| 1998-99 | 22.8 | 12.8 | 35.6 | 3.8 | 39.5 | 15.7 | 55.1 |
| 1998 June qtr | 26.6 | 43.4 | 70.0 | 3.1 | 73.1 | 22.0 | 95.1 |
| Sept. qtr | 24.0 | 33.7 | 57.6 | 3.8 | 61.4 | 13.4 | 74.9 |
| Dec. qtr | 22.5 | 28.5 | 51.0 | 3.8 | 54.8 | 18.6 | 73.4 |
| 1999 Mar. qtr | 22.2 | 20.0 | 42.2 | 3.9 | 46.1 | 12.7 | 58.8 |
| June qtr | 22.8 | 12.8 | 35.6 | 3.8 | 39.5 | 15.7 | 55.1 |
| Sept. qtr | 19.2 | 16.6 | 35.7 | 5.1 | 40.8 | 11.9 | 52.8 |
| PUBLIC SECTOR | | | | | | | |
| 1996-97 | 2.6 | 0.4 | 2.9 | 0.4 | 3.4 | 24.1 | 27.5 |
| 1997-98 | 5.2 | 0.6 | 5.8 | 1.9 | 7.7 | 50.9 | 58.6 |
| 1998-99 | 8.8 | 0.9 | 9.7 | 1.1 | 10.8 | 16.0 | 26.9 |
| 1998 June qtr | 5.2 | 0.6 | 5.8 | 1.9 | 7.7 | 50.9 | 58.6 |
| Sept. qtr | 10.4 | 1.3 | 11.7 | 1.1 | 12.8 | 69.7 | 82.4 |
| Dec. qtr | 13.0 | 0.3 | 13.3 | 1.5 | 14.8 | 37.5 | 52.3 |
| 1999 Mar. qtr | 9.4 | 1.0 | 10.4 | 1.2 | 11.7 | 34.3 | 46.0 |
| June qtr | 8.8 | 0.9 | 9.7 | 1.1 | 10.8 | 16.0 | 26.9 |
| Sept. qtr | 20.2 | — | 20.2 | 1.1 | 21.2 | 19.7 | 40.9 |
| TOTAL | | | | | | | |
| 1996-97 | 20.1 | 20.8 | 40.9 | 4.6 | 45.5 | 52.5 | 98.0 |
| 1997-98 | 31.8 | 44.0 | 75.8 | 5.0 | 80.8 | 72.9 | 153.7 |
| 1998-99 | 31.6 | 13.7 | 45.4 | 4.9 | 50.3 | 31.7 | 82.0 |
| 1998 June qtr | 31.8 | 44.0 | 75.8 | 5.0 | 80.8 | 72.9 | 153.7 |
| Sept. qtr | 34.4 | 35.0 | 69.3 | 4.9 | 74.2 | 83.1 | 157.3 |
| Dec. qtr | 35.5 | 28.8 | 64.3 | 5.3 | 69.6 | 56.1 | 125.7 |
| 1999 Mar. qtr | 31.6 | 21.1 | 52.6 | 5.1 | 57.8 | 47.0 | 104.8 |
| June qtr | 31.6 | 13.7 | 45.4 | 4.9 | 50.3 | 31.7 | 82.0 |
| Sept. qtr | 39.3 | 16.6 | 55.9 | 6.2 | 62.1 | 31.6 | 93.7 |

TABLE 11. VALUE OF NON-RESIDENTIAL BUILDING WORK YET TO BE DONE AT END OF PERIOD: ORIGINAL
(\$ million)

| | <i>Hotels etc.</i> | <i>Shops</i> | <i>Factories</i> | <i>Offices</i> | <i>Other business premises</i> | <i>Educational</i> | <i>Religious</i> | <i>Health</i> | <i>Entertain- ment and recreational</i> | <i>Miscel- laneous</i> | <i>Total non-resi- dential building</i> |
|----------------|------------------------|--------------|------------------|----------------|----------------------------------------|--------------------|------------------|---------------|-------------------------------------------------|----------------------------|-----------------------------------------------------|
| PRIVATE SECTOR | | | | | | | | | | | |
| 1996-97 | 0.6 | 19.9 | 0.3 | 4.8 | 2.5 | — | — | — | — | 0.1 | 28.4 |
| 1997-98 | 0.8 | 5.3 | 0.3 | 4.3 | 2.1 | 0.2 | — | — | 6.0 | 3.0 | 22.0 |
| 1998-99 | 2.1 | 1.8 | 2.0 | 0.6 | 3.5 | 0.2 | 0.3 | 1.6 | 3.5 | — | 15.7 |
| 1998 June qtr | 0.8 | 5.3 | 0.3 | 4.3 | 2.1 | 0.2 | — | — | 6.0 | 3.0 | 22.0 |
| Sept. qtr | 0.8 | 3.2 | 0.7 | 3.2 | 2.8 | — | — | — | 2.1 | 0.5 | 13.4 |
| Dec. qtr | 0.6 | 1.0 | 0.1 | 1.7 | 2.4 | — | — | — | 12.7 | 0.2 | 18.6 |
| 1999 Mar. qtr | 0.5 | 0.8 | 0.7 | 0.9 | 3.0 | 0.1 | — | — | 6.4 | 0.3 | 12.7 |
| June qtr | 2.1 | 1.8 | 2.0 | 0.6 | 3.5 | 0.2 | 0.3 | 1.6 | 3.5 | — | 15.7 |
| Sept. qtr | 2.5 | 1.1 | 0.7 | 0.7 | 1.9 | 1.9 | 0.4 | 1.1 | 0.5 | 1.2 | 11.9 |
| PUBLIC SECTOR | | | | | | | | | | | |
| 1996-97 | 0.1 | 0.1 | 2.1 | 0.5 | 0.2 | 15.7 | — | 0.1 | 0.6 | 4.6 | 24.1 |
| 1997-98 | — | — | — | 3.6 | 16.4 | 6.7 | — | 4.7 | — | 19.5 | 50.9 |
| 1998-99 | — | — | 0.3 | 3.1 | 1.0 | — | — | 9.0 | — | 2.7 | 16.0 |
| 1998 June qtr | — | — | — | 3.6 | 16.4 | 6.7 | — | 4.7 | — | 19.5 | 50.9 |
| Sept. qtr | — | 0.1 | — | 33.6 | 7.5 | 2.9 | — | 4.4 | 0.2 | 21.1 | 69.7 |
| Dec. qtr | — | 0.2 | — | 22.0 | 4.4 | 0.7 | — | 2.2 | — | 7.9 | 37.5 |
| 1999 Mar. qtr | — | — | — | 13.9 | 3.2 | 0.7 | — | 10.0 | 0.2 | 6.3 | 34.3 |
| June qtr | — | — | 0.3 | 3.1 | 1.0 | — | — | 9.0 | — | 2.7 | 16.0 |
| Sept. qtr | — | — | — | 1.0 | 0.2 | 3.2 | — | 10.4 | — | 4.7 | 19.7 |
| TOTAL | | | | | | | | | | | |
| 1996-97 | 0.8 | 20.0 | 2.4 | 5.3 | 2.8 | 15.7 | — | 0.1 | 0.7 | 4.8 | 52.5 |
| 1997-98 | 0.8 | 5.3 | 0.3 | 7.9 | 18.5 | 6.9 | — | 4.7 | 6.0 | 22.5 | 72.9 |
| 1998-99 | 2.1 | 1.8 | 2.3 | 3.7 | 4.4 | 0.2 | 0.3 | 10.6 | 3.5 | 2.8 | 31.7 |
| 1998 June qtr | 0.8 | 5.3 | 0.3 | 7.9 | 18.5 | 6.9 | — | 4.7 | 6.0 | 22.5 | 72.9 |
| Sept. qtr | 0.8 | 3.2 | 0.7 | 36.8 | 10.3 | 2.9 | — | 4.4 | 2.3 | 21.6 | 83.1 |
| Dec. qtr | 0.6 | 1.1 | 0.1 | 23.7 | 6.9 | 0.7 | — | 2.2 | 12.7 | 8.1 | 56.1 |
| 1999 Mar. qtr | 0.5 | 0.8 | 0.7 | 14.9 | 6.1 | 0.8 | — | 10.0 | 6.6 | 6.6 | 47.0 |
| June qtr | 2.1 | 1.8 | 2.3 | 3.7 | 4.4 | 0.2 | 0.3 | 10.6 | 3.5 | 2.8 | 31.7 |
| Sept. qtr | 2.5 | 1.1 | 0.7 | 1.7 | 2.1 | 5.1 | 0.4 | 11.5 | 0.5 | 5.9 | 31.6 |

EXPLANATORY NOTES

INTRODUCTION

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

2 The statistics are 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 complete enumeration of new residential building construction or alterations and additions valued at \$10,000 or more to residential buildings; and
- a complete enumeration of all non-residential building jobs, including alterations and additions, with an approval value of \$50,000 or more.

3 Prior to the June quarter 1991, private sector housing activity was measured by a sample survey. Due to the relatively small size of the total building industry in the Northern Territory the differences resulting between the two survey methods is minimal. The change from a sample survey to a complete enumeration has allowed the collection of accurate small area data, available on request in unpublished form.

4 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.

5 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 ABS and based on information reported by local government and other reporting authorities.

SCOPE AND COVERAGE

6 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.

7 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 (e.g. 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 (e.g. 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

8 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.

9 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.

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

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

11 From the June quarter 1996 issue of this publication, the number of dwelling units created as part of alterations and additions to, or conversions of, existing residential or non-residential buildings, and as part of the construction of non-residential building is shown separately in tables 2, 4 and 6 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.

12 *Commenced*. A building job is regarded 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 job 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 job is regarded as completed when building activity has progressed to the stage when the building can fulfil its intended function. In practice, the ABS regards buildings as completed when notified as such by respondents to the survey.

VALUATION OF BUILDING JOBS

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

- *Value of building commenced or under construction* represents the anticipated completion value based, where practicable, on estimated market or contract price of building jobs excluding the value of land and landscaping. Site preparation costs are included. Where building 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 building 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 building 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 up to the end of the period on building jobs commenced but not completed.

BUILDING CLASSIFICATION

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

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

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

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

EXPLANATORY NOTES *continued*

BUILDING CLASSIFICATION *continued*

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

RELIABILITY OF THE ESTIMATES

19 Since the figures for private sector house building activity (including alterations and additions to private sector houses) are derived from information obtained from a complete enumeration of approved building jobs, they are not subject to sampling error, as may be found in sample surveys.

20 Despite the precise nature of complete enumeration, inaccuracies 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.

CHAIN VOLUME MEASURES

21 Chain volume estimates of the value of commencements and work done are shown in table 1. While current price estimates of the value of commencements and work done reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes. The deflators used to revalue the current price estimates in this publication are derived from the same price data underlying the deflators compiled for the dwellings and new other building components of the national accounts aggregate 'Gross fixed capital formation'.

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

ACKNOWLEDGMENT

23 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

24 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 printout, floppy disk and email. A charge may be made for providing unpublished information in these forms. Inquiries should be made to Information Inquiries on Darwin 08 8943 2111 or any ABS State office.

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

Building Activity, Australia (Cat. no. 8752.0) — issued quarterly

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

Building Approvals, Northern Territory (Cat. no. 8731.7) — issued monthly

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

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

26 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.

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