

CATALOGUE NO. 8752.4 EMBARGOED UNTIL 11.00 A.M. 31 MARCH 1994

## BUILDING ACTIVITY, SOUTH AUSTRALIA DECEMBER QUARTER 1993

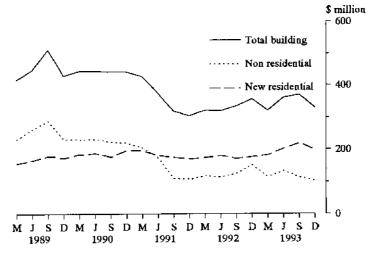
#### SUMMARY OF FINDINGS

## Value of building work done at average 1989-90 prices, seasonally adjusted

|   | Percentage         | e change on       |
|---|--------------------|-------------------|
|   | Sept. quarter 1993 | Dec. quarter 1992 |
| New residential building<br>Alterations and additions | _9.9               | 12.0              |
| to residential buildings                              | 2.0                | 3.0               |
| Non-residential building                              | -9.1               | -32.2             |
| Total building  | 11.2               | -7.6              |

- Expressed in seasonally adjusted, average 1989–90 prices the total value of building work done for the December quarter 1993 was \$329.6 million which was 11.2% lower than the nine-quarter high recorded for the September quarter (\$371.1 million). The value of new residential building work done fell to \$197.6 million after four successive increases. This was 9.9% lower than the previous figure but still 12.0% higher than the \$176.5 million recorded for the December quarter 1992.
- For non-residential building the value of work done fell by 9.1% to be \$103.1 million for the December quarter 1993. This was the lowest level recorded since this statistical series began with the September quarter 1980.

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



#### **INQUIRIES**

- for more information about statistics in this publication and the availability of related unpublished statistics, contact Colin Speechley on Adelaide (08) 237 7495 or any ABS State Office.
- for information about other ABS statistics and services please contact Information Services on Adelaide (08) 237 7100, call at 55 Currie Street, Adelaide, or write to Information Services, ABS, GPO Box 2272, Adelaide SA 5001.

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## Value of building work commenced at average 1989-90 prices

|   | Percentage         | e change on      |
|---|--------------------|------------------|
|   | Sept. quarter 1993 | Dec. quaner 1992 |
| New residential building<br>Alterations and additions | -15.5              | -2.9             |
| to residential buildings                              | 12.5               | 6.9              |
| Non-residential building                              | 37.9               | -30.7            |
| Total building  | -1.4               | -12.8            |

- Expressed in average 1989-90 prices but not seasonally adjusted, the total value of building work commenced during the December quarter 1993 was \$317.9 million which was only slightly less than the figure for the previous quarter.
- The value of non-residential work rose \$26.6 million from the series low recorded for the September quarter to be \$96.7 million for December. This rise, together with an increase in the value of commencements of residential alterations and additions, counteracted most of the 15.5% fall which took the value of commencements of new residential buildings down to \$188.7 million from the nine-year high recorded for the September quarter.

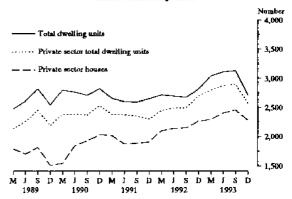
# VALUE OF WORK COMMENCED AT AVERAGE 1989-96 PRICES 5 million 800 Non residential New residential New residential 200 400

## Number of dwelling units commenced, seasonally adjusted

|                               | Percentage         | e change on       |
|-------------------------------|--------------------|-------------------|
|                               | Sept. quarter 1993 | Dec. quarter 1992 |
| Private sector houses         | -7.5               | 0.4               |
| Private sector dwelling units | -11.7              | -4.9              |
| Total dwelling units          | -13.5              | -3.9              |

- In seasonally adjusted terms the estimate of the total number of dwelling units commenced during the December quarter 1993 was 2,710 which was 13.5% less than for the September quarter. This fall came after increases for the 4 previous quarters.
- Commencements of private sector houses and private sector dwelling units also both fell, but this was after having risen for each of the previous nine and seven quarters respectively. The respective estimates for the December quarter 1993 were 2,277 and 2,570.

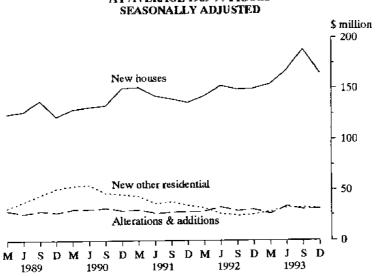
### NEW DWELLING UNITS COMMENCED SEASONALLY ADJUSTED



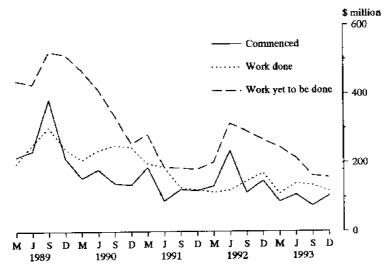
#### Original unadjusted data

- The total value of building work commenced (unadjusted, at current prices) during the December quarter 1993 was \$345.5 million. Of this, \$205.3 million was for new residential building resulting in 2,793 dwelling units.
- The total value of work done during the December quarter was \$376.5 million while the value of work yet to be done on jobs under construction at the end of the quarter was \$349.2 million.

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



#### VALUE OF NON-RESIDENTIAL BUILDING



#### VALUE OF NON-RESIDENTIAL WORK DONE

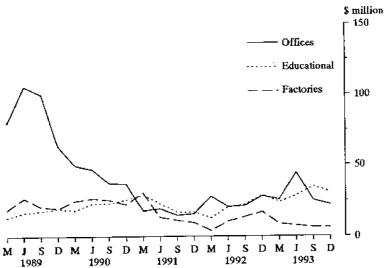


TABLE 1. SUMMARY OF BUILDING ACTIVITY, SOUTH AUSTRALIA

|                    |                                | ~              | New residential building       | building      |                                |                |  |                |              |                 |               | Vah                           | Value (8m)               |                    |              |  |                    |                |                   |
|--------------------|--------------------------------|----------------|--------------------------------|---------------|--------------------------------|----------------|--|----------------|--------------|-----------------|---------------|-------------------------------|--------------------------|--------------------|--------------|--|--------------------|----------------|-------------------|
|                    | Houses                         |                | Other residential<br>buildings | ential<br>'S  | Total                          |                |  |                |              |                 |               | Non-resid                     | Non-residential building | gui                |              |  |                    |                |                   |
| Period             | Number of<br>dwelting<br>units | Value<br>(Sm)  | Number of<br>dwelling<br>units | Value<br>(3m) | Number of<br>dwelling<br>units | Value<br>(\$m) | Alterations and additions to residential buildings | Hotels<br>etc. | Shops        | Shops Factories | Offices       | Other<br>business<br>premises | Educa-<br>tional         | Reli-<br>gious     | i<br>Health  | Enter-<br>tainment<br>and<br>recrea-<br>tional | Miscel-<br>laneous | Total          | Total<br>building |
| :                  |                                |                |                                |               |                                |                | 0  | COMMENCED      | 台            |                 |               |                               |                          |                    |              |  |                    |                |                   |
| 1990-91            | 8,177                          | 580.7          | 2,644                          | 146.8         | 10.821                         | 727.5          | 118.2  | 15.0           | 103.4        | 75.4            | 90.4          | 72.9                          | 50.1                     | 5.0                | 32.8         | 29.4   | 39.5               | 553.9          | 1,399.6           |
| 1991-92<br>1992-93 | 8,344<br>9,416                 | 599.7<br>685.3 | 2,327<br>2,219                 | 127.5         | 10.671<br>11,635               | 727.2          | 125.1<br>122.4                                     | 12.8<br>5.4    | 51.1<br>53.8 | 47 8<br>22.9    | 117.8<br>99.8 | 102.0<br>\$3.4                | 92.3<br>117.6            | 6.4<br>6.1         | 86.1<br>50.3 | 56.7<br>13.5                                   | 35.7<br>35.7       | 607.8<br>458.7 | 1,460.2           |
| 1992 Sept. atr     | 2.353                          | 165.2          | 442                            | 24.8          | 2.795                          | 190.0          | 27.9   | 1.1            | 36.6         | 90              | 16.4          | 73.1                          | 204                      | 90                 | 36           | 7.4  | 0.                 | 1130           | 3.73.6            |
| Dec. qtr           | 2,356                          | 174.4          | 551                            | 32.0          | 2,907                          | 206.4          | 32.3   | 2.2            | 4            | 4.<br>4.        | 8.5           | 96                            | 4.74                     | 5.5<br>5.6         | 14.5         | 5.0  | 12.7               | 148.2          | 386.9             |
| 1993 Mar. qtr      | 2,204                          | 160.1          | 706                            | 43.3          | 2.910                          | 203.4          | 23.9   | 0.4            | 5.9          | 5.5             | 12.8          | 6.5                           | 40.6                     | 1.6                | 3,3          | 3.9  | 6.5                | 88.1           | 315.5             |
| June qtr           | 2,504                          | 185.6          | 520                            | 30.7          | 3,024                          | 216.3          | 38.2   | 1.7            | 6.4          | 53              | 36.8          | 15.8                          | 9.2                      | 1.1                | 39.0         | 4.5  | 12.2               | 108.4          | 363.0             |
| Sept. qtr r        | 2,776                          | 208.5          | 478                            | 59.9          | 3,254                          | 238.4          | 30,9   | 1.5            | 11.2         | 4.2             | 13.2          | 10.3                          | 15.3                     | <b>6</b> .4        | 8.3          | 4  | 6.7                | 75.3           | 344.5             |
| Dec. qtr           | 2,388                          | 179.5          | 405                            | 25.8          | 2,793                          | 205.3          | 35.9   | 2.2            | 15.6         | 9.9             | 10.4          | 8.7                           | 30.9                     | 0.6                | 15.7         | 5.5  | 8.1                | 104.3          | 345.5             |
|                    |                                |                |                                |               |                                | TN:T           | UNDER CONSTRUCTION AT END OF PERIOD                | UCIJON A       | T END O      | F PERIOD        |               |                               |                          |                    |              |  |                    |                |                   |
| 16:0661            | 3,004                          | 248.6          | 1,288                          | 75.2          | 4,292                          | 323.9          | 52.1   | 4.7            | 371.4        | 39.6            | 29.3          | 29.4                          | 82.4                     | 3.3                | 79.4         | 13.7   | 51.7               | 704.8          | 1,080.8           |
| 1991-92            | 2,891                          | 236.3          | 921                            | 53.1          | 3,812                          | 289.4          | 57.6   | 0.6            | 45.3         | 42.8            | 78.9          | 73.0                          | 81.5                     | 5.2                | 93.9         | 38.7   | 49.5               | 517.8          | 8.64.8            |
| 1992-93            | 3,563                          | 289.5          | 1,162                          | 74.9          | 4,725                          | 364.4          | 56.4   | 3.7            | 12.8         | 32.5            | 75.1          | 53.6                          | 141.8                    | 5.3                | 5.56         | 13.7   | 64.5               | 498.6          | 919.3             |
| 1992 Sept. qtr     | 3,320                          | 267.6          | 933                            | 53.8          | 4,253                          | 321.5          | 58.4   | 7.5            | 6.69         | 45.7            | 91.7          | 75.7                          | 90.3                     | £.                 | 959          | 37.5   | 45.8               | 563.3          | 943.2             |
| Дес. фт            | 3,153                          | 256.6          | 1,054                          | 62.2          | 4.207                          | 318.8          | 54.2   | 4.3            | 28.5         | 45.9            | 123.6         | 54.9                          | 125.5                    | 5.4                | 80.5         | 36.2   | 55.5               | 561.5          | 934.5             |
| 1993 Mar. qu       | 3,212                          | 260.2          | 1,210                          | 75.7          | 4,422                          | 335.8          | 51.3   | 4.             | 15.9         | 31.8            | 122.6         | 48.6                          | 152.7                    | 5.9                | 79.4         | 19.7   | 55.6               | 5367           | 9238              |
| June qu            | 3,563                          | 289.5          | 1,162                          | 74.9          | 4,725                          | 364.4          | 56.4   | 3.7            | 17.8         | 32.5            | 75.1          | 53.6                          | 141.8                    | 5.<br>E.           | 5.56         | 13.7   | 2                  | 498,6          | 919.3             |
| Sept. qtr r        | 3.811                          | 311.5          | 1,123                          | 73.8          | 4,934                          | 385.3          | 55.8   | 4.3            | 10.3         | 28.0            | 61.5          | 59.0                          | 136.1                    | 5.0                | 95.9         | 11.5   | 43.1               | 454.9          | 896.0             |
| Dec. qtr           | 3,764                          | 310.5          | 890                            | 60.9          | 4.654                          | 371.4          | 54.9   | 4.1            | 15.2         | 7.7             | 9:59          | 16.1                          | 127.7                    | 89.<br>67.         | 105.3        | 12.7   | 46.4               | 404.7          | 831.0             |
|                    |                                |                |                                |               |                                |                |  | COMPLETED      | ED           |                 |               |                               |                          |                    |              |  |                    |                |                   |
| 10-0661            | 8,308                          | 595.7          | 3,538                          | 212.5         | 11,846                         | 808.2          | 128.0  | 76.3           | 609          | 120.5           | 223.4         | 124.6                         | 72.2                     | 4.9                | 53.3         | 0.06   | 41.4               | 867.4          | 1,803.7           |
| 1991-92            | 8,432                          | 616.0          | 2,670                          | 149.6         | 11,102                         | 765.6          | 121.5  | 8.6            | 378.9        | 4,5             | 63.7          | 5.65                          | 91.3                     | 5.3                | 71.0         | 32.1   | 38.3               | 7.83.7         | 1,680.9           |
| 1992-93            | 8,708                          | 637.7          | 1,938                          | 110.4         | 10,646                         | 748.I          | 126.9  | 10.8           | 82.8         | 35.8            | 110,4         | 0.99                          | 59.1                     | 6.4                | 46.5         | 404  | 19.1               | 480.3          | 1,355.3           |
| 1992 Sept. qtr     | 1,917                          | 136.3          | 430                            | 24.3          | 2,347                          | 9.091          | 28.5   | 2.9            | 13.0         | 6.5             | 5.6           | 20.6                          | 11.4                     | <del>च</del><br>⊱i | 1.7          | 3.6  | 3.1                | 74.6           | 263.8             |
| Dec. qtr           | 2,507                          | 185.2          | 420                            | 23.8          | 2.927                          | 209.0          | 37.8   | 4.2            | 46.5         | 5.<br>86.       | 14.3          | 23.6                          | 12.4                     | 0.1                | 29.4         | 0.0  | 4.1                | 147.3          | 394.1             |
| 1993 Mar. qtr      | 2,139                          | 158.0          | 546                            | 30.0          | 2,685                          | 188.0          | 27.6   | 1.3            | 18.6         | 19.2            | 13.3          | 10.9                          | 15.0                     |                    | 1.3          | 21.5   | 83                 | 110.7          | 326.2             |
| June qtr           | 2.146                          | 158.2          | 542                            | 32.2          | 2,688                          | 190.4          | 33.0   | 2.4            | 7.7          | 4.2             | 73.3          | 6.01                          | 20.3                     | 1.8                | 14.1         | 9.3  | 3.7                | 147.7          | 371.1             |
| Sept. qrr r        | 2.528                          | 188.4          | 510                            | 31.5          | 3,038                          | 219.9          | 32.2   | 0.7            | 13.8         | 6.8             | 27.2          | 6.7                           | 22.9                     | 6.0                | <b>8</b> .1  | 6.4  | 30.5               | 127.2          | 379.4             |
| Dec. qtr           | 2,430                          | 182.5          | 750                            | 39.4          | 3,062                          | 6177           | 37.1   | 9              | 10.7         | 7.97            | <b>6</b> .1.4 | 52.2                          | 38.5                     | 6.1                | 9.8          | 4.2  | 6.1                | 163.5          | 422.4             |

TABLE 1. SUMMARY OF BUILDING ACTIVITY, SOUTH AUSTRALIA—continued

|                |               | _             | Other residential     | ntial         | T. 44.2   |               |                                    |                |           |           |         | Non-resta            | Non-residential building | guj            |          | •                         | :                  |       |                   |
|----------------|---------------|---------------|-----------------------|---------------|-----------|---------------|------------------------------------|----------------|-----------|-----------|---------|----------------------|--------------------------|----------------|----------|---------------------------|--------------------|-------|-------------------|
| New York       | flouses       | *             | oundings<br>Number of |               | Number of |               | Aiterations<br>and<br>additions to |                |           |           |         | Other                |                          |                | <b>~</b> | Enter-<br>tainment<br>and |                    |       |                   |
| Period due     |               | Value<br>(Sm) | dwelling<br>emits     | Value<br>(Sm) | dwelling  | Value<br>(5m) | residential<br>buildings           | Hotels<br>etc. | Shops     | Factories | Offices | business<br>premises | Educa-<br>tional         | Reti-<br>gious | Health   | recrea-<br>tional         | Miscel-<br>laneous | Total | Total<br>building |
|                |               |               | i                     |               |           | × ×           | VALUE OF WORK DONE DURING PERIOD   | SK DONE        | DURING    | PERIOD    |         |                      |                          |                |          |                           |                    |       |                   |
| 16-0661        | 3             | 600.2         | :                     | 182.1         | :         | 782.3         | 122.0                              | 42.7           | 257.3     | 91.5      | 111.2   | 100.8                | 8'001                    | <del>4</del> , | 56.6     | 68.0                      | 42.9               | 876.6 | 1,780.8           |
| 1991-92        | 9             | 5.709         | :                     | 141.0         | :         | 748.5         | 125.1                              | 9.1            | 89.4      | 34.9      | 79.1    | 68.3                 | 67.5                     | 7.1            | 52.6     | 37.1                      | 38.9               | 484.1 | 1,357.6           |
| 1992-93        | <b>9</b><br>: | 6.099         | :                     | 119.7         | :         | 780.6         | 127.1                              | 9.8            | 62.6      | 46.6      | 119.7   | 82.1                 | 103.7                    | 4.6            | 8.59     | 34.7                      | 47.4               | 570.9 | 1,478.6           |
| 1992 Sept. qtr | <u>ت</u><br>: | 160.8         | :                     | 23.9          | ;         | 184.7         | 30.9                               | 3.0            | 26.0      | 13.7      | 21.5    | 25.2                 | 22.2                     | 8.0            | 16.1     | 5.6                       | 9.2                | 147.2 | 362.8             |
| Dec. qtr       |               | 166.3         | :                     | 28.5          | :         | 194.8         | 34.7                               | 2,4            | 21.2      | 17.0      | 28.1    | 25.0                 | 29.0                     | 1.3            | 21.0     | 10.8                      | 15.7               | 171.4 | 400.9             |
| 1993 Mar off   | _             | 157.2         | ;                     | 32.2          | -         | 189.4         | 25.6                               | 0.5            | 10.6      | 9.8       | 25.8    | 13.4                 | 23.9                     | 1.5            | 9.11     | 7.9                       | 7.2                | 111.3 | 326.3             |
| June off       | -             | 176.6         | :                     | 35.2          | :         | 211.8         | 35.9                               | 7.7            | 4.8       | 4.7       | 5.44    | 18.5                 | 28.6                     | 1.0            | 16.8     | 6.5                       | 10.2               | 140.9 | 388.7             |
| Sept. etr r    |               | 203.8         | :                     | 31.9          | :         | 235.7         | 32.3                               | 1.3            | 11.2      | 6.2       | 25.1    | 18.3                 | 34,7                     | 1.9            | 9.81     | <u>L</u> ∵                | 12.7               | 134.7 | 402.8             |
| Dec. qtr       | :             | 187.3         | :                     | 34.9          | 1         | 222.1         | 36.5                               | 2.5            | 11.1      | 6.2       | 22.0    | 12.7                 | 30.7                     | 6.0            | 19.1     | 4.4                       | 8.3                | 117.8 | 376.5             |
|                |               |               |                       |               |           |               | VALUE OF WORK YET TO BE DONE       | VORK YE        | T TO BE 1 | XONE      |         |                      |                          |                |          |                           |                    |       |                   |
| 1990-91        |               | 107.5         | :                     | 37.5          | ;         | 145.0         | 22.4                               | 1.8            | 50.7      | 12.8      | 16.0    | 14.7                 | 29.3                     | 1.4            | 28.7     | 5.5                       | 26.5               | 187.3 | 354.7             |
| 1991-92        | - :           | 0.501         | ;                     | 25.8          | :         | 130.8         | \$*\$E                             | 5.6            | 7.        | 76.1      | 50.3    | 49.6                 | 54.6                     | 1.5            | 9.19     | 25.4                      | 24.4               | 313.2 | 468.3             |
| 1992-93        |               | 136.8         | :                     | 39.0          | :         | 175.8         | 13.1                               | 2.6            | 4.9       | 5.0       | 37.1    | 14.2                 | 70.8                     | 3.3            | 53.6     | 6.3                       | 16.2               | 213.7 | 412.6             |
| 1992 Sept. atr |               | 112.0         | :                     | 27.0          | ;         | 139.0         | ¥.£                                | 4.0            | 25.6      | 21.9      | 51.1    | 47.7                 | 52.6                     | 1.2            | 55.0     | 4.81                      | 14.6               | 292.0 | 453.8             |
| Dec. qu        |               | 120.5         | :                     | 30.7          | :         | 151.2         | 21.7                               | 3.7            | 9.6       | 10.9      | 69.2    | 25.4                 | 71.7                     | 9.5            | 47.9     | 12.3                      | 12.6               | 266.4 | 439.3             |
| 1993 Mar. ou   |               | 125.0         | :                     | 42.7          | :         | 167.8         | 20,8                               | 3.6            | 5.0       | 7.5       | 55.8    | 16.9                 | 668                      | 3.2            | 40.1     | 9.3                       | 13.8               | 245.1 | 433.6             |
| June of        | -             | 136.8         | :                     | 39.0          | :         | 175.8         | 23.1                               | 2.6            | 4.9       | 5.0       | 37.1    | 14.7                 | 70.8                     | ter<br>ter     | 53.6     | 6.1                       | 16.2               | 213.7 | 412.6             |
| Sept. qtr r    | -             | 144.6         | :                     | 37.7          | :         | 182.3         |                                    | 2.6            | 4.9       | 3.3       | 25.6    | 9.3                  | 53.2                     | 2.0            | 43.5     | 5.6                       | 12.6               | 162.7 | 367.7             |
| Dec. qtr       | :             | 139.1         | :                     | 29.4          | :         | 168.5         | 22.4                               | 2.5            | 9.5       | 3.5       | 19.7    | 8.2                  | 52.6                     | 1.8            | 42.5     | 9.9                       | 13.7               | 158.2 | 340.2             |

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|                |                      | 2        | New residential building | l building |           |       |  |           |          |                 |          | Valu                     | Value (Sm)  |       |        |                           | :       |       |          |
|----------------|----------------------|----------|--------------------------|------------|-----------|-------|--|-----------|----------|-----------------|----------|--------------------------|-------------|-------|--------|---------------------------|---------|-------|----------|
|                | House                |          | Other residential        | ential     | Total     |       |  |           |          |                 |          | Non-residential building | ntial build | ะพูธ  |        |                           |         |       |          |
|                | Number of<br>Austina | Nation N | Number of                | <br>       | Number of |       | Alterations and additions to residential | Hotels    |          |                 |          | Other                    | Educa       | Refi. | _      | Enter-<br>tainment<br>and | Miscol  |       | Total    |
| Period         | MARKS                | (\$m)    | Sign                     | (\$m)      | ST TOWN   | (Sm)  | buildings                                | etc.      | Shops    | Shaps Factories | Offices  | premises                 | tional      | gious | Health | tional                    | laneous | Total | building |
|                |                      |          |                          |            |           |       |  | COMMENCED | E E      |                 |          |                          |             |       |        |                           |         |       |          |
| 1990-91        | 7,863                | 562.7    | 1,810                    | 106.2      | 9,673     | 6.899 |  | 12.5      | 100.5    | 619             | 66.7     | 42.3                     | 21.0        | 5.0   | 25.1   | 18.7                      | 13.3    | 367.0 | 1,153.4  |
| 1991-92        | 8,036                | 584.1    | 1,572                    | 91.9       | 809'6     | 676.0 |  | _         | 46.8     | 46.4            | <u>8</u> | 45.7                     | 18.7        | 6.4   | 35.5   | 30.5                      | 7.4     | 344.5 | 1,144.6  |
| 1992-93        | 9,122                | 668.6    | 1,759                    | 109.8      | 10,881    | 778,4 | 119.7                                    | 5.2       | 41.6     | 9.61            | 33.5     | 36.1                     | 19.3        | <br>  | 23.3   | 7.0                       | 11.9    | 205.5 | 1,103.6  |
| 1992 Sept. qu  | 2,293                | 162.4    | 288                      | 18.4       | 2,581     | 180.8 | 27.8                                     | 1.1       | 26.4     | 4.6             | 6.4      | 10.1                     | 9.0         | 0.5   | 3.2    | 1.1                       | 2.6     | 64.9  | 273.6    |
| Dec. qt        | 2,325                | 1729     | 477                      | 28.9       | 2,802     | 201.8 | 32.3                                     | 2.2       | 6.0      | 5,4             | 13.3     | 6.7                      | E.3         | 2.9   | 14.1   | 3.9                       | 8.0     | \$6.5 | 290.5    |
| 1993 Mar. qir  | 2,136                | 156.5    | 568                      | 36.3       | 2,704     | 192.8 | 23.6                                     |           | 1.4      | 5.3             | 7.7      | 5.6                      | 5.7         | 1.6   | 2.8    | 1.6                       | 2.5     | 37.8  | 254.1    |
| June qu        | 2,369                | 176.8    | 426                      | 26.2       | 2,795     | 203.0 | 36.0                                     |           | 4.5      | 4.4             | 6.2      | 13.7                     | 3.3         | 1.1   | 5.2    | 0.5                       | 5.9     | 46.3  | 285.3    |
| Sept. qu'r     | 2,611                | 199.0    | 376                      | 24.4       | 2,987     | 223.3 |  |           | 10.9     | 4.2             | 6.3      | 5.6                      | 5.0         | 0,4   | 4.3    | œ:<br><b>:</b>            | 2.7     | 42.6  | 296.8    |
| Dec. qu        | 2,329                | 174.9    | 338                      | 21.2       | 2,667     | 196.1 | 35.9                                     |           | 14.6     | 4.2             | 9.9      | 7.7                      | 4.1         | 9.0   | 13.9   | 4.7                       | 2.6     | 60.5  | 292.5    |
|                |                      |          |                          |            |           | N.5   | UNDER CONSTRUCTION AT END OF PERIOD      | RUCTION.  | AT END O | F PERIOD        |          |                          |             |       |        |                           |         |       |          |
| 16-0661        | 2,850                | 240.1    | 850                      | 53.2       | 3,700     | 293.3 | 51.4                                     | 3.1       | 369.1    | 30.6            | 23.0     | 14.0                     | 6.6         | 3.3   | 31,4   | 7.3                       | 11.1    | 502.6 | 847.3    |
| 1991-92        | 2,740                | 229.2    | 569                      | 36.0       | 3,309     | 265.2 |  |           | 45.3     | 42.8            | 9.19     | 22.4                     | Ε.Ξ         | 5.2   | %<br>% | 13.9                      | 4.6     | 256.8 | 579.5    |
| 1992-93        | 3,388                | 279.1    | 914                      | 62.6       | 4,302     | 341.7 | 55.9                                     | 3.5       | 12.5     | 31.7            | 33.4     | 14.7                     | 10.1        | 5.3   | 30.7   | 7.4                       | 6.9     | 156.1 | 553.7    |
| 1992 Sept. qtr | 3,191                | 261.5    | 624                      | 40.4       | 3,815     | 301.9 | 58.3                                     |           | 62.1     | 43.5            | 72.9     | 19.7                     | 16.6        | 3.3   | 36.8   | 11.5                      | 6.5     | 280.2 | 640.4    |
| Dec. qtr       | 3,069                | 2524     | 794                      | 50.7       | 3,863     | 303.1 |  | 5.4       | 20.4     | 45.9            | 82.0     | 14.6                     | 11.9        | 5.4   | 36.6   | 9.4                       | 3.6     | 235.3 | 592.7    |
| 1993 Mar. atr  | 3100                 | 254.4    | 920                      | 61.6       | 4.020     | 315.9 | 50.9                                     |           | 15.5     | 66              | 80.0     | 10.8                     | 10.7        | 5.9   | 35.2   | 8.2                       | 4.5     | 206.0 | 572.9    |
| June qu        | 3,388                | 279.1    | 914                      | 62.6       | 4,302     | 22    |  | 3.5       | 12.5     | 31.7            | 33.4     | 14.7                     | 10.1        | 5.3   | 30.7   | 7.4                       | 6.9     | 156.1 | 553.7    |
| Sept. qur      | 3,571                | 298.2    | 897                      | 61.9       | 4,468     | 360.1 |  |           | 10.0     | 27.1            | 30.5     | 15.3                     | 8.6         | 5.0   | 28.1   | 8.5                       | 8.9     | 147.5 | 563.2    |
| Dec. qtr       | 3,611                | 301.2    | 743                      | 51.9       | 4,354     | 353.1 | 54.7                                     |           | 14.0     | 6.2             | <u>¥</u> | 14.8                     | 9.3         | 3.8   | 35.3   | 11.0                      | 8.5     | 141.9 | 549.7    |
|                |                      |          |                          |            |           |       |  | COMPLETED | ED       |                 |          |                          |             |       | :      |                           |         |       |          |
| 1990-91        | 7,892                | 572.4    | 2,458                    | 161.9      | 10,350    | 734.3 | 125.3                                    | 74.5      | 60.4     | 95.4            | 192.6    | 85.7                     | 8.61        | 4.9   | 32.5   | 36.2                      | 17,4    | 619.4 | 1,479.0  |
| 1991-92        | 8,121                | 598.9    | 1,829                    | 109.0      | 9,950     | 707.9 | 119.9                                    |           | 372.3    | 34.2            | 45.6     | 35.9                     | 16.9        | 5.3   | 32.3   | 24.3                      | 13.1    | 586.3 | 1,414.0  |
| 1992-93        | 8,438                | 624.4    | 1,374                    | 84.5       | 9,812     | 708.8 | 124.5                                    | 10.7      | 73.9     | 33.1            | 74.8     | 41.2                     | 90.         | 6.4   | 26.7   | 13.3                      | 9.6     | 308.6 | 1,142.0  |
| 1992 Sept. qtr | 1,835                | 132.5    | 233                      | 14.3       | 2,068     | 146.8 | 28.4                                     | 2.9       | 10.6     | 6.5             | 6.4      | 127                      | 3.5         | 2.4   | 1.2    | 3.6                       | 0.7     | 50.5  | 725.7    |
| Dec. qt        | 2,431                | 181.8    | 297                      | 18.7       | 2,728     | 200.5 |  |           | 46.4     | 3,4             | 6.5      | 11.1                     | 5.6         | 1.0   | 13.8   | 5.7                       | 3.7     | 101.2 | 339.4    |
| 1993 Mar. qu   | 2,099                | 156.1    | 438                      | 25.5       | 2,537     | 181.6 | 27.5                                     | 1.3       | 4.6      | 19.0            | 9.6      | 7.7                      | 6.0         | 1.2   | 1.1    | 2.8                       | 2.8     | 909   | 269.7    |
| June qt        | 2,074                | 154.0    | 406                      | 26.0       | 2,480     | 179.9 |  |           | 7.3      | 4.2             | 52.9     | 8.6                      | 3.7         | 1.8   | 10.6   | 1.3                       | 24      | 96.3  | 307.1    |
| Sept. qu t     | 2,428                | 181.9    | 386                      | 25.5       | 2,814     | 207.5 |  | 0.3       | 13.5     | 8.9             | 9.7      | 5.0                      | 5.4         | 6.0   | 7.0    | 0.7                       | 0.8     | 524   | 291.8    |
| 1              | 700 0                | 0        | 707                      |            | C C       | 1     |  | •         |          |                 | t        | •                        | •           |       | ŗ      | •                         |         | •     | 4.4.6    |

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|                |           | ×     | New residential building | building |                    |       |                                    |         |                 |          |          | Vaiue                    | Value (Sm)    | İ          |        |                            |           |       |          |
|----------------|-----------|-------|--------------------------|----------|--------------------|-------|------------------------------------|---------|-----------------|----------|----------|--------------------------|---------------|------------|--------|----------------------------|-----------|-------|----------|
|                |           |       | Other residential        | ential   |                    |       |                                    |         |                 |          |          | Non-residential building | riial buildi. | \$0<br>\$  |        |                            |           |       |          |
|                | Houses    |       | baldings                 |          | Total              |       | Alterations                        |         |                 |          |          |                          |               |            | į<br>į | Enter.                     |           |       |          |
|                | Number of | Value | Number of Auplino        | Value    | Number of dwelling | Value | and<br>additions to<br>residential | Hotels  |                 |          |          | Other                    | Educa-        | Reli-      | 31 -   | tainment<br>and<br>recrea- | Miscel-   |       | Total    |
| Period         | Sliron    | (Sm)  | uruts                    | (\$m2)   | units              | (\$m) | buildings                          | etc.    | Shops Factories |          | Offices  | premises                 | tional        | gions      | Health | tional                     | laneous   | Total | bialding |
|                | :         |       |                          |          |                    | Α.    | VALUE OF WORK DONE DURING PERIOD   | RK DONE | DURING PI       | GRIOD    |          |                          |               |            |        |                            |           |       |          |
| 1990-91        | ,         | 578.3 | :                        | 135.3    | :                  | 713.6 | 119.9                              | 40.9    | 256.1           | 68.5     | 85.2     | 1.69                     | 21.0          | 8,4        | 31.8   | 30.4                       | 14.1      | 621.9 | 1,455.4  |
| 1991-92        |           | 591.5 | :                        | 101.9    | :                  | 693.4 | 123.8                              | 7.6     | 83.5            | 30.2     | 60.2     | 39.0                     | 15.5          | 7.1        | 33.7   | 22.5                       | 10.9      | 310.3 | 1,127.5  |
| 1992-93        | :         | 647.2 | :                        | 9.96     | :                  | 743.8 | 124.5                              | 8.4     | 50.7            | 43.8     | 70.8     | 35.7                     | 20.8          | 4.6        | 40.7   | 12.9                       | 9.6       | 297.9 | 1,166.3  |
| 1000           |           | 157.5 |                          | 17.0     | ;                  | 174.6 | 30.8                               | 3.0     | 20.1            | 12.7     | 15.4     | 11.8                     | 7.2           | 9.0        | 6.6    | 4.<br>¿i                   | 2.8       | 88.1  | 293.5    |
| Dec. qu        | : :       | 163.3 | : :                      | 22.6     | : :                | 185.9 | 7.45                               | 2.3     | 18.5            | 15.6     | 20.6     | 9.1                      | 4.9           | 1.3        | 12.8   | 4.2                        | 2.3       | 91.5  | 312.1    |
| 1063 Mar 217   |           | 155.0 |                          | 27.7     | ;                  | 182.7 | 25.3                               | 0.5     | 7.4             | 86<br>4. | 16.9     | 4.5                      | 4.5           | 1.5        | 8.1    | 2.7                        | ۲,1       | 56.0  | 264.1    |
| Tune of        | :         | 171.3 | : :                      | 29.2     | : :                | 200.6 | 33.8                               | 2.6     | 4.7             | 7.3      | 17.8     | 10.3                     | 4.1           | 1.0        | 6'6    | 1.5                        | 3.1       | 62.3  | 296.6    |
| Sept. of r     | : :       | 197.3 | :                        | 26.7     | ;                  | 224.0 | 32.2                               | 6.0     | 10.8            | 5.6      | 14.6     | 9.5                      | 3.9           | 1.9        | 9.8    | 1.2                        | 2.7       | 59.7  | 315.9    |
| Dec. qtr       | Ţ         | 178.5 | :                        | 29.1     | ;                  | 207.6 | 36.5                               | 6.1     | 10.1            | 4.3      | 11.4     | 7.6                      | 4.4           | 6:0        | 7.8    | 3.5                        | 2.4       | 54.3  | 298.4    |
|                |           |       |                          |          |                    |       | VALUE OF WORK YET TO BE DONE       | WORK YE | TTO BE DX       | NE.      |          |                          |               |            |        |                            |           |       |          |
| 199(1-0-1      |           | 103.4 | :                        | 26.0     | :                  | 129.4 | 22.1                               | 6.0     | 49.0            | 6.6      | 12.8     | 5.3                      | 3.7           | 1.4        | 17.6   | 8.1                        | 9.9       | 108.9 | 260.4    |
| 1991-92        |           | 101.3 | :                        | 17.6     | :                  | 118.8 | 24.3                               | 5.5     | <b>4</b> .      | 26.1     | 42.9     | 10.7                     | 6.7           | 1.5        | 5.61   | 10.1                       | 23        | 139.4 | 282.5    |
| 1992-93        | :         | 130.1 | :                        | 32.9     | :                  | 163.0 | 22.9                               | 2.4     | 4.6             | 4.2      | 12.6     | 50<br>90                 | 3.9           | 9.9<br>6.6 | Ξ      | 4.1                        | 4.6       | 59.6  | 245.5    |
| 1662 Come of p |           | 108.7 |                          | 19.2     | :                  | 127.9 | 22.8                               | 3.9     | 21.3            | 20.6     | 39.1     | 9.0                      | 8.3           | 1.2        | 18.7   | 6.7                        | 2.1       | 130.9 | 281.6    |
| Dec. qtr       | : :       | 118.7 | : :                      | 25.7     | :                  | 144.3 | 21.7                               | 3.7     | 7.6             | 6.01     | <b>Z</b> | 86<br>57                 | 4.7           | 2.9        | 19.6   | 6.2                        | 9.0       | 96.1  | 262.2    |
| 1003 Mar. 100  |           | 121.8 |                          | 35.1     |                    | 156.9 | 20.6                               | 3.6     | 6.9             | 7.5      | 24.2     | 5,4                      | 6.4           | 3.2        | 15.0   | 5.1                        | 3.3       | 75.5  | 253.1    |
| 1973 Ivide: 4u | : :       | 130.1 | : :                      | 32.9     | : :                | 163.0 |                                    | 2.4     | 4.6             | 4.2      | 12.6     | 66<br>66                 | 3.9           | 3.3        | 11.1   | 4.1                        | 4.6       | 59.6  | 245.5    |
| and one        |           | 7     | :                        | 31.3     | :                  | 166.2 |                                    | 2.5     | 8,4             | 3.1      | 8,8      | 5.0                      | 5.2           | 2.0        | 7.0    | 4.7                        | 41.<br>00 | 43.8  | 232.7    |
| Dec. qtr       | : :       | 133.6 |                          | 24.0     | :                  | 157.6 | 22.4                               | 2.4     | 9.3             | 2.8      | 5.4      | 5.1                      | 8.4           | 1.8        | 13.4   | ν.<br>88                   | 4.7       | 55.6  | 235.6    |
|                |           |       |                          |          |                    |       |                                    |         |                 |          |          |                          |               | İ          |        |                            |           |       |          |

TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, SOUTH AUSTRALIA

|                          |                                | _             | New residential building       | al building   |                                |               | Vaine (5m)   | 7              |              |                 |                | Vah                           | Value (Sm)               |                |             |                                    |                    |                |                   |
|--------------------------|--------------------------------|---------------|--------------------------------|---------------|--------------------------------|---------------|--|----------------|--------------|-----------------|----------------|-------------------------------|--------------------------|----------------|-------------|------------------------------------|--------------------|----------------|-------------------|
|                          | Houses                         |               | Other residential buildings    | ential<br>15  | Total                          |               |  |                |              |                 |                | Non-resid                     | Non-residential building | 90<br>14.      |             |                                    |                    |                |                   |
| Period                   | Number of<br>dwelling<br>units | Value<br>(Sm) | Number of<br>dwelling<br>units | Value<br>(5m) | Number of<br>dwelling<br>units | Value<br>(Sm) | Alterations and additions to residential buildings | Hotels<br>etc. | Shops F      | Shops Factories | Offices        | Other<br>business<br>premises | Educa-<br>tional         | Reli-<br>81016 | u<br>Health | Enter- tainment and recrea- tional | Miscel-<br>ianeous | Total          | Total<br>building |
|                          |                                |               |                                |               |                                |               | ]  | COMMENCED      | ED           |                 |                |                               |                          |                |             |                                    |                    |                |                   |
| 16-06-61                 | 314                            | 18.0          | 834                            | 40.6          | 1,148                          | 58.6          | 0.7  | 2.6            | 2.9          | 13.5            | 23.6           | 30.7                          | 69.1                     |                | 7.6         | 10.7                               | 26.3               | 186.9          | 246.2             |
| 1991-92<br>1992-93       | 308<br>294                     | 15.6          | 755<br>460                     | 35.7          | 1,063<br>754                   | 51.2<br>37.8  | 1.0  | 0.6            | 4.3          | 4. 6.<br>4. 4.  | 86.39<br>66.39 | 56.3                          | 73.6                     |                | <b>50.6</b> | 26.3                               | 27.3               | 263.4          | 315.6             |
| 6                        | :                              | ٠             |                                |               |                                |               |  | !              |              |                 |                |                               |                          |                | ì           | )                                  | i                  |                |                   |
| 1992 Sept. qu<br>Dec. qu | € ᡵ                            | 1.5           | 154<br>74                      | 3.1           | 214<br>105                     | 9.2           | 0.1  | 12             | 10.2<br>0.4  | 13              | 10.0<br>30.5   | 13.0<br>1.3                   | 11.4<br>46.1             |                | 0.4         | 1.3                                | 0.4<br>11.9        | 49.0<br>91.8   | 58.3<br>96.4      |
| 1993 Mar. qu             | 89                             | 3.6           | 138                            | 7.1           | 206                            | 10.7          | 0.4  |                | 1.2          | 0.2             | 5.1            | 6.0                           | 34.9                     | I              | 0.4         | 23                                 | 8.                 | 50.4           | 61.4              |
| June qtr                 | 135                            | 8.8           | 94                             | 4.5           | 229                            | 13.3          | 2.2  | 0.2            | 9.0          | 6.0             | 20.7           | 2.1                           | 5.9                      | :              | 23.8        | <b>8</b> 9.7                       | 6.3                | 62.1           | 77.6              |
| Sept. qu r               | 165                            | 9.5           | 102                            | 6. 4          | 267                            | 15.0          | I  | 0.3            | 0.2          | ١;              | 6.9            | 4.7                           | 10.3                     | :              | 4.0         | 2.3                                | 4.0                | 32.7           | 47.7              |
| Dec. qq                  | 60                             | 0.4           | /6                             | 4.6           | 1.26                           | 7.5           | 1  | 0.5            | 1.0          | 2.4             | 96.<br>(F)     | 1.0                           | 56.9                     | 1              | 1.8         | 0.8                                | 5.6                | 43.00<br>00.00 | 53.1              |
| İ                        |                                |               |                                |               |                                | GN I          | UNDER CONSTRUCTION AT END OF PERIOD                | UCTION A       | T END OF     | PERIOD          |                |                               |                          | :              |             |                                    |                    |                |                   |
| 1990-91                  | 154                            | 8.5           | 438                            | 22.0          | 592                            | 30.5          | 0.7  | 1.6            | 2.3          | 6.8             | 6.3            | 15,4                          | 72.7                     |                | 48.0        | 6.4                                | 40.6               | 202.2          | 233.5             |
| 1991-92                  | 151                            | 7.0           | 352                            | 17.1          | 503                            | 24.2          | 0.1  | 0.1            | !            |                 | 11.3           | 50.7                          | 70.2                     |                | 59.1        | 24.8                               | <u>4</u>           | 261.0          | 285.3             |
| 1992-93                  | 175                            | 10.4          | 248                            | 12.3          | 423                            | 22.7          | 0.5  | 0.2            | 0.3          | 8.0             | 41.7           | 38.9                          | 131.8                    | I              | 84.8        | 6.3                                | 57.6               | 342.5          | 365.7             |
| 1992 Sept. qu            | 129                            | 6.1           | 309                            | 13.5          | 438                            | 19.6          | 0.1  | 0.1            | 7.8          | 2.3             | 96,9E          | 56.1                          | 73.7                     | !              | 59.1        | 26.0                               | 39.3               | 283.2          | 302.8             |
| Dec. qtr                 | 84                             | 4.2           | 260                            | 11.5          | <del>2</del>                   | 15.7          | I  | 1              | <b>8</b> 0.1 | i               | 41.6           | 40.3                          | 113.6                    | ļ              | 43.9        | 26.8                               | 51.9               | 326.1          | 341.8             |
| 1993 Mar. qu             | 112                            | 30.           | 290                            | 4.1           | 402                            | 19.9          | 0.4  | ;              | 0.4          |                 | 42.6           | 37.8                          | 142.0                    | !              | 24          | 11.5                               | 52.3               | 130.7          | 350.9             |
| June qtr                 | 175                            | 10.4          | 248                            | 12.3          | 423                            | 22.7          | 0.5  | 0.2            | 0.3          | 9.0             | 41.7           | 38.9                          | 131.8                    | I              | 2           | 63                                 | 57.6               | 342.5          | 365.7             |
| Sept. qtr r              | 240                            | 13.4          | 226                            | 11.8          | 466                            | 25.2          | 0.2  | 0.1            | 0.3          | 0.8             | 31.1           | 43.7                          | 126.3                    | 1              | 87.8        | 3.0                                | 34.2               | 307.4          | 332.8             |
| Dec. qtr                 | 153                            | 9.3           | 147                            | 9.6           | 300                            | 18.3          | 0.3  | 0.1            | 1.2          | 1.5             | 30.8           | 1.3                           | 118.4                    | ļ              | 70.0        | 1.7                                | 37.9               | 262.8          | 281.3             |
|                          |                                |               |                                |               |                                |               |  | COMPLETED      | B            |                 | <u> </u>       |                               |                          |                |             |                                    |                    |                |                   |
| 1990-91                  | 416                            | 23.3          | 1,080                          | 50.7          | 1,496                          | 74.0          | 2.7  | 8.1            | 0.5          | 25.1            | 30.8           | 38.9                          | \$2.4                    |                | 20.8        | 53.8                               | 24.0               | 248.1          | 324.8             |
| 1991-92                  | 311                            | 17.2          | 841                            | 40.6          | 1,152                          | 57.8          | 1.7  | 2.2            | 9.9          | 10.7            | 18.2           | 23.6                          | 74.4                     | l              | 38.7        | 7.9                                | 25.3               | 207.4          | 266.9             |
| 1992-93                  | 270                            | 13.4          | <u>2</u>                       | 25.9          | 834                            | 39.3          | 2.3  | 0.2            | 11.9         | 2.7             | 35.6           | 24.8                          | 40.2                     | I              | 8'61        | 27.1                               | 9.5                | 171.7          | 213.2             |
| 1992 Sept. qu            | 82                             | 3.8           | 197                            | 10.0          | 279                            | 13.8          | 0.1  | }              | 2.4          | l               | 3.1            | 7.0                           | 7.0                      | I              | 9           | ē                                  | 40                 | 24.1           | 38                |
| Dec. qtr                 | 76                             | 3.4           | 123                            | 5.1           | 199                            | 8.5           | 0.1  | 0.2            | 0.1          | 2.4             | 7.8            | 12.5                          | 8.9                      |                | 15.6        | 0.3                                | 0.4                | 46.1           | 54.7              |
| 1993 Mar. qu             | 40                             | 2.0           | 801                            | 4.5           | 148                            | 6.5           | I  | 1              | <b>0</b> 9   | 0.2             | 4              | ici<br>ici                    | 0.6                      | I              | 0.2         | 2.3                                | м<br>4             | 80.0           | 5 95              |
| Juneqtr                  | 72                             | 4.2           | 136                            | 6.3           | 208                            | 10.5          | 2.1  | I              | 0.4          | 0.3             | 20.4           | 1                             | 16.6                     | ĺ              | 3.5         | 0.80                               | <u> </u>           | 4.12           | 63.9              |
| Sept. qu z               | 100                            | 6.5           | 124                            | 6.0           | 224                            | 12.5          | 0.3  | 0.4            | 0.2          | 1               | 17.5           | 2.9                           | 17.4                     | 1              | 3 =         | 5.6                                | 29.7               | 74.8           | 87.6              |
| Дес. фг                  | 146                            | 8.7           | 146                            | 7.5           | 292                            | 16.2          | 1  | 9'0            | 0.2          | 1.8             | 4.2            | 43.9                          | 33.9                     | I              | 1.5         | 2.2                                | 3.5                | 91.9           | 108.0             |
|                          |                                |               |                                |               |                                |               |  |                |              |                 |                |                               |                          |                |             |                                    |                    |                |                   |

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|               |                                | <              | New residential building       | र्थ केव्योत्समृह |                                |                |  |                |          |                 |          | Valle                         | Value (Sm)               |           |            |  |                    |       |                   |
|---------------|--------------------------------|----------------|--------------------------------|------------------|--------------------------------|----------------|--|----------------|----------|-----------------|----------|-------------------------------|--------------------------|-----------|------------|--|--------------------|-------|-------------------|
|               | Houses                         |                | Other residential<br>buildings | tential<br>RS    | Total                          |                |  |                |          |                 |          | Non-resid                     | Non-residential building | ling      |            |  | !                  |       |                   |
| Period        | Number of<br>dwelling<br>units | Value<br>(\$m) | Number of<br>dwelling<br>units | Value (Sm)       | Number of<br>dwelling<br>units | Value<br>(\$m) | Alterations and additions to residential buildings | Hotels<br>etc. | Shops    | Shops Factories | Offices  | Other<br>business<br>premises | Educa-<br>tional         | Religious | Health     | Enter-<br>lainment<br>and<br>recrea-<br>tional | Miscel.<br>laneous | Total | Total<br>building |
|               |                                |                |                                |                  |                                | ^<br>          | VALUE OF WORK DONE DURING PERIOD                   | RK DONE        | DURING   | ERIOD           |          |                               |                          |           |            |  |                    |       |                   |
| 16-0661       | :                              | 21.9           | :                              | 46.8             | :                              | 9.89           | 2.1  | 6:1            | 1.2      | 23.0            | 26.0     | 31.7                          | 79.8                     | :         | 24.7       | 37.6   | 28.9               | 254.8 | 325.5             |
| 1991-92       | ;                              | 16.1           | ;                              | 39.0             | :                              | 55.1           | 1.3  | 1.5            | 6.0      | 4.7             | 18.9     | 29.3                          | 52.0                     | I         | 18.9       | 14.6   | 27.9               | 173.8 | 230.2             |
| 1992-93       | ÷                              | 13.7           |                                | 23.1             | :                              | 36.9           | 2.5  | 0.2            | 11.9     | 2.8             | 49.0     | 46.4                          | 82.9                     | I         | 25.1       | 21.8   | 32.8               | 273.0 | 312.3             |
| 1992 Sept. qu | ;                              | 3.2            | :                              | 6.9              | ;                              | 10.1           | 0.1  | I              | 5.9      | 0.1             | 6.1      | 13.4                          | 15.0                     | 1         | 6.3        | 5.0  | 6.5                | 59.1  | 69.3              |
| Dec. qu       | ;                              | 3.0            | :                              | 50.00            | :                              | 8.9            | ſ  | 0.1            | 2.7      | 1.4             | 7.4      | 15.8                          | 24.0                     | İ         | <b>6.8</b> | 9.9  | 13.4               | 46.6  | 80.00             |
| 1993 Mar. qu  | •                              | 2.2            | :                              | 4.5              | :                              | 6.7            | 0.2  | !              | 3.1      | 0.2             | 90<br>90 | 8.9                           | 19,4                     | I         | 3.7        | 5.2  | ).<br>30           | 55.3  | 62.2              |
| June qu       | ;                              | 5.3            | :                              | 5.9              | :                              | 11.2           | 2.2  | 0.1            | 0.1      | 0.1             | 26.6     | 8.2                           | 24.5                     | I         | 6.9        | 5.0  | 7.2                | 78.7  | 92.1              |
| Sept. qtr r   | :                              | 6.5            | ;                              | 5.3              | :                              | 11.8           | 0.1  | 0.4            | 0.4      | 0.5             | 10.5     | 6.8                           | 30.8                     | :         | 6.6        | 3.5  | 10.0               | 75.0  | 86.9              |
| Dec. qt       | :                              | 8.8            | :                              | 5.7              | :                              | 14.5           | 0.1  | 9.0            | 6.0      | 1.9             | 10.7     | 5.1                           | 26.2                     | !         | 11.2       | 6.0  | 5.9                | 63.5  | 78.0              |
|               |                                |                |                                |                  |                                |                | VALUE OF WORK YET TO BE DONE                       | WORK YE        | T TO BED | ONE             |          | !                             |                          |           | ]          |  |                    |       | :                 |
| 1990-91       | :                              | 4.1            | :                              | 11.5             | :                              | 15.6           | 0.2  | 6.0            | 1.6      | 3.0             | 3.2      | 9.4                           | 25.6                     |           | 11.1       | 3.7  | 20.0               | 78.4  | 94.3              |
| 1991-92       | :                              | 99<br>99       | :                              | 8.2              | :                              | 12.0           | 1  | 0.1            | !        | ;               | 7.4      | 38.9                          | 47.9                     |           | 42.1       | 15,3   | 22.0               | 173.8 | 185.8             |
| 1992-93       | •                              | 6.7            | •                              | 6.1              | :                              | 12.9           | 0.2  | 0.2            | 0.3      | 0.8             | 24.4     | 5.4                           | 6.69                     | i         | 42.5       | 2.1  | 11.5               | 154.1 | 167.1             |
| 1992 Sept. qu | :                              | 3.4            | :                              | 7.7              | ;                              | 11.1           |  | 0.1            | 4.6      | 1.3             | 12.0     | 38.8                          | £.43                     |           | 36.3       | 11.6   | 12.5               | 161.1 | 172.              |
| Dec. qtr      | •                              | 1.8            | :                              | 5.0              | ;                              | 96.6           |  |                | 2.0      | T               | 35.2     | 19.6                          | 67.0                     | I         | 28.4       | 6.1  | 12.0               | 170.3 | 177.1             |
| 1993 Mar. qu  | :                              | 3.2            | :                              | 7.6              | :                              | 10.8           | 0.2  | I              | 0.1      | İ               | 31.6     | 11.5                          | 85.0                     | I         | 25.1       | 4,<br>£,                                       | 12.1               | 169.6 | 180.6             |
| June qu       | :                              | 6.7            | :                              | 6.1              | :                              | 12.9           | 0.2  | 0.2            | 0.3      | 8.0             | 24.4     | 5.4                           | 6.99                     | I         | 42.5       | 2.1  | 11.5               | 154.1 | 167.1             |
| Sept. qu'i    | :                              | 9.7            | :                              | 6.4              | :                              | 16.1           | 0.1  | 0.1            | 0.1      | 0.7             | 20.9     | 4.3                           | 48.0                     | 1         | 36.6       | 6.0  | 7.8                | 118.9 | 135.1             |
| Dec. of       |                                | V              |                                | *                |                                | 401            |  |                |          |                 |          | ,                             | ļ                        |           |            |  |                    |       | * * * * *         |

## TABLE 4. NUMBER OF DWELLING UNITS BY STAGE OF CONSTRUCTION, SOUTH AUSTRALIA SEASONALLY ADJUSTED SERIES

| Period         |                   | House     | 28        |           | Total            |           |           |           |  |
|----------------|-------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|--|
|                | Private<br>sector |           | Total     |           | Privat<br>sector | =         | Total     |           |  |
|                | Commenced         | Completed | Commenced | Completed | Commenced        | Completed | Commenced | Completed |  |
| 1992 Sept. qtr | 2,158             | 1,778     | 2,219     | 1.862     | 2.504            | 2,076     | 2,677     | 2,399     |  |
| Dec. qtr       | 2,269             | 2,302     | 2,296     | 2,349     | 2.701            | 2,583     | 2,820     | 2,740     |  |
| 1993 Mar, gtr  | 2.297             | 2,250     | 2,361     | 2,324     | 2.807            | 2,666     | 3,045     | 2,898     |  |
| June otr       | 2,407             | 2.121     | 2,553     | 2,187     | 2,880            | 2,490     | 3,112     | 2,619     |  |
| Sept. qtr r    | 2,462             | 2.348     | 2,620     | 2,450     | 2,909            | 2,826     | 3,132     | 3,106     |  |
| Dec. qtr       | 2.277             | 2,163     | 2,333     | 2,279     | 2.570            | 2.624     | 2,710     | 2.871     |  |

# TABLE 5. VALUE OF BUILDING WORK DONE, SOUTH AUSTRALIA SEASONALLY ADJUSTED SERIES (\$ million)

|                |             |                               | (3 mitmon) |  |                    |       |                   |
|----------------|-------------|-------------------------------|------------|--|--------------------|-------|-------------------|
|                | New re      | esidential building           |            | Alterations and                          | Non-residential bu |       |                   |
| Period         | O<br>Houses | ther residential<br>buildings | Total      | additions to<br>residential<br>buildings | Private<br>sector  | Total | Total<br>building |
| 1992 Sept. qtr | 159.3       | 26,1                          | 184.0      | 31.0                                     | 87.3               | 136.0 | 360.4             |
| Dec. qtr       | 159.8       | 27.8                          | 188.7      | 32.2                                     | 86.4               | 165.0 | 383.7             |
| 1993 Mar. qtr  | 163.6       | 30.5                          | 193.7      | 27.7                                     | 61.2               | 123.2 | 344.3             |
| June gtr       | 178.7       | 35.0                          | 214.6      | 35.6                                     | 61.0               | 144.6 | 388.0             |
| Sept. gtr r    | 201.8       | 35.0                          | 235.2      | 32.8                                     | 59.7               | 124.3 | 400.9             |
| Dec. qtr       | 180.0       | 34.0                          | 215.3      | 33.9                                     | 51.1               | 113.5 | 360.3             |

TABLE 6. VALUE OF BUILDING WORK COMMENCED, AT AVERAGE 1989-90 PRICES (a), SOUTH AUSTRALIA (5 million)

|                | New residential building |                               |       | Alterations and                            | Non-residential hu |       |                   |
|----------------|--------------------------|-------------------------------|-------|--|--------------------|-------|-------------------|
| Period         | O<br>Houses              | ther residential<br>buildings | Total | additions to —<br>residential<br>buildings | Private<br>sector  | Total | Total<br>building |
| 1990-91        | 558.2                    | 139.6                         | 697.8 | 113.4                                      | 349.7              | 528.2 | 1,339.4           |
| 1991-92        | 562.7                    | 119.5                         | 682.2 | 117.6                                      | 325.4              | 574.2 | 1,374.0           |
| 1992-93        | 645.2                    | 122.4                         | 767.6 | 115.7                                      | 193.2              | 431.1 | 1.314.4           |
| 1992 Sept. gtr | 155.5                    | 23.2                          | 178.7 | 26.5                                       | 61.2               | 107.4 | 312.6             |
| Dec. qtr       | 164.4                    | 30.0                          | 194,4 | 30.4                                       | 53.2               | 139.6 | 364.4             |
| 1993 Mar. qtr  | . 150.5                  | 40.6                          | 191.1 | 22.7                                       | 35.5               | 82.8  | 296.6             |
| June gtr       | 174.8                    | 28.6                          | 203.4 | 36.1                                       | 43.3               | 101.3 | 340.8             |
| Sept. qtr r    | 195.6                    | 27.7                          | 223.3 | 28.9                                       | 39.7               | 70.1  | 322.3             |
| Dec. qtr       | 164.8                    | 23.9                          | 188.7 | 32.5                                       | 56.1               | 96.7  | 317.9             |

<sup>(</sup>a) See paragraphs 24 and 25 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.

TABLE 7. VALUE OF BUILDING WORK DONE, AT AVERAGE 1989-90 PRICES (a), SOUTH AUSTRALIA ORIGINAL AND SEASONALLY ADJUSTED SERIES (\$ million)

|                | New r                                 | esidential building |           | Alterations and                    | Non-residential bu | Total<br>Inilding |         |
|----------------|---------------------------------------|---------------------|-----------|------------------------------------|--------------------|-------------------|---------|
| Period         | Other residential<br>Houses buildings |                     | Total     | additions to residential buildings | Private<br>sector  |                   | Total   |
|                |                                       |                     | ORIGINAI  |                                    |                    |                   |         |
| 1990-91        | 577.2                                 | 171.9               | 749.1     | 117.5                              | 583.8              | 822.8             | 1,689.4 |
| 1991-92        | 570.3                                 | 130.0               | 700.3     | 117.6                              | 286.1              | 446.4             | 1,264.3 |
| 1992-93        | 621.0                                 | 110.4               | 731.4     | 119.4                              | 274.1              | 525.3             | 1,376.1 |
| 1992 Sept. qtr | 150.5                                 | 22.1                | 172.6     | 28.9                               | 81.0               | 135.4             | 336.9   |
| Dec. qtr       | 156.1                                 | 26.1                | 182.2     | 32.6                               | 84.3               | 157.9             | 372.7   |
| 1993 Mar. qtr  | 148.1                                 | 29.8                | 177.9     | 24.0                               | 51.6               | 102.5             | 304.4   |
| June qtr       | 166.3                                 | 32.4                | 198.7     | 33.9                               | 57.2               | 129.5             | 362.1   |
| Sept. qtr r    | 190.3                                 | 29.4                | 219.7     | 30.2                               | 54.5               | 122.9             | 372.8   |
| Dec. qtr       | 172.0                                 | 31.8                | 203.8     | 33.6                               | 49.3               | 107.0             | 344.4   |
|                |                                       | SEAS                | ONALLY AE | JUSTED                             |                    |                   |         |
| 1992 Sept. qtr | 149.1                                 | 24.2                | 171.9     | 29.0                               | 80.3               | 125.1             | 334.7   |
| Dec. qtr       | 149.9                                 | 25.5                | 176.5     | 30.3                               | 79.6               | 152.0             | 356.7   |
| 1993 Mar. qtr  | 154.1                                 | 28.2                | 182.0     | 26.0                               | 56.4               | 113.5             | 321.2   |
| June qtr       | 168.2                                 | 32.3                | 201.3     | 33.6                               | 56.0               | 132.9             | 361.5   |
| Sept. qtr r    | 188.5                                 | 32.2                | 219.2     | 30.6                               | 54.5               | 113.4             | 371.1   |
| Dec. qtr       | 165.3                                 | 31.0                | 197.6     | 31.2                               | 46.4               | 103.1             | 329.6   |

<sup>(</sup>a) See paragraphs 24 to 26 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.

#### TABLE 8. NUMBER OF DWELLING UNITS BY OWNERSHIP, CLASS OF BUILDER AND STAGE OF CONSTRUCTION, SOUTH AUSTRALIA

|                |                     | Pri             | vate sector |                                   |           |          | Public sector                     | Total |        |                                   |        |
|----------------|---------------------|-----------------|-------------|-----------------------------------|-----------|----------|-----------------------------------|-------|--------|-----------------------------------|--------|
| Period         | Contractor-<br>halt | Houses<br>Other | Total       | Other<br>residential<br>buildings | Total     | Houses   | Other<br>residential<br>buildings | Total | Houses | Other<br>residential<br>buildings | Tota   |
|                |                     |                 |             | COM                               | MENCED    |          |                                   |       |        |                                   | ·      |
| 1990-91        | 6,788               | 1,075           | 7,863       | 1,810                             | 9,673     | 314      | R34                               | 1.148 | 8.177  | 2,644                             | 10.821 |
| 1991-92        | 6,723               | 1,313           | 8,036       | 1.572                             | 9,608     | 308      | 755                               | 1.063 | 8,344  | 2,327                             | 10,671 |
| 1992-93        | 7,502               | 1,620           | 9,122       | 1,759                             | 10.881    | 294      | 460                               | 754   | 9,416  | 2,219                             | 11.63  |
| 1992 Sept. qtr | 1,956               | 337             | 2,293       | 288                               | 2.581     | 60       | 154                               | 214   | 2,353  | 442                               | 2.795  |
| Dec. qtr       | 1,863               | 461             | 2.325       | 477                               | 2,802     | 31       | 74                                | 105   | 2,356  | 551                               | 2.907  |
| 1993 Mar. qtr  | 1,692               | 444             | 2.136       | 568                               | 2,704     | 68       | 138                               | 206   | 2.204  | 706                               | 2,910  |
| June qtr       | 1.991               | 378             | 2,369       | 426                               | 2,795     | 135      | 94                                | 229   | 2,504  | 520                               | 3,024  |
| Sept. qtr r    | 2.225               | 386             | 2,611       | 376                               | 2,987     | 165      | 102                               | 267   | 2,776  | 478                               | 3.254  |
| Dec. qtr       | 1,985               | 345             | 2,329       | 338                               | 2.667     | 59       | 67                                | 126   | 2,388  | 405                               | 2,793  |
|                |                     | υ               | NDER C      | ONSTRUCT                          | ION AT EN | ND OF PE | RIOD                              |       |        |                                   |        |
| 1990-91        | 1,781               | 1.068           | 2,850       | 850                               | 3,700     | 154      | 438                               | 592   | 3,004  | 1.288                             | 4,292  |
| 1991-92        | 1,663               | 1,077           | 2,740       | 569                               | 3,309     | 151      | 352                               | 503   | 2,891  | 921                               | 3,812  |
| 1992-93        | 2,206               | 1,183           | 3,388       | 914                               | 4.302     | 175      | 24 <b>R</b>                       | 423   | 3,563  | 1,162                             | 4.725  |
| 1992 Sept. qtr | 2,035               | 1,156           | 3,191       | 624                               | 3,815     | 129      | 309                               | 438   | 3,320  | 933                               | 4,253  |
| Dec. qtr       | 1,899               | 1,170           | 3,069       | 794                               | 3,863     | 84       | 260                               | 344   | 3,153  | 1,054                             | 4,207  |
| 1993 Mar. qtr  | 1,903               | 1,198           | 001,6       | 920                               | 4,020     | 112      | 290                               | 402   | 3,212  | 1,210                             | 4,422  |
| June qtr       | 2,206               | 1,183           | 3,388       | 914                               | 4,302     | 175      | 248                               | 423   | 3,563  | 1,162                             | 4,725  |
| Sept. qtr r    | 2,340               | 1,232           | 3,571       | 897                               | 4,468     | 240      | 226                               | 466   | 3,811  | 1,123                             | 4.934  |
| Dec. qtr       | 2,363               | 1,248           | 3,611       | 743                               | 4.354     | 153      | 147                               | 300   | 3,764  | 890                               | 4.654  |
|                |                     |                 |             | СОМ                               | PLETED    |          |                                   |       |        |                                   |        |
| 1990-91        | 6,753               | 1,139           | 7.892       | 2,458                             | 10,350    | 416      | 1,080                             | 1,496 | 8,308  | 3,538                             | 11,846 |
| 1991-92        | 6,835               | 1,286           | 8,121       | 1.829                             | 9,950     | 311      | 841                               | 1.152 | 8,432  | 2,670                             | 11,102 |
| 1992-93        | 6.943               | 1,495           | 8,438       | 1,374                             | 9,812     | 270      | 564                               | 834   | 8,708  | 1,93B                             | 10,646 |
| 1992 Sept. qtr | 1,573               | 261             | 1,835       | 233                               | 2.068     | 82       | 197                               | 279   | 1,917  | 430                               | 2,347  |
| Dec. qtr       | 1.998               | 433             | 2,431       | 297                               | 2,728     | 76       | 123                               | 199   | 2,507  | 420                               | 2,927  |
| 1993 Mar. qtr  | 1,698               | 401             | 2,099       | 438                               | 2.537     | 40       | 108                               | 148   | 2,139  | 546                               | 2,685  |
| June qtr       | 1,674               | 401             | 2,074       | 406                               | 2,480     | 72       | 136                               | 208   | 2,146  | 542                               | 2,688  |
| Sept. qtr r    | 2,078               | 350             | 2,428       | 386                               | 2,814     | 100      | 124                               | 224   | 2.528  | 510                               | 3,038  |
| Dec. qtr       | 1,961               | 323             | 2,284       | 486                               | 2,770     | 146      | 146                               | 292   | 2.430  | 632                               | 3,062  |

# TABLE 9. NUMBER AND VALUE OF NEW HOUSES BUILT BY CONTRACT BUILDERS FOR PRIVATE OWNERSHIP, BY COMPLETION VALUE RANGE AND STAGE OF CONSTRUCTION SOUTH AUSTRALIA

|                |                          | Comm                       | enced                |       | l/nder                   | constructio                | n at end of pe       | riod  | Completed                       |                            |                      |       |
|----------------|--------------------------|----------------------------|----------------------|-------|--------------------------|----------------------------|----------------------|-------|---------------------------------|----------------------------|----------------------|-------|
| Period         | Less<br>than<br>\$40,000 | \$40,000<br>to<br>\$59,999 | \$60,000<br>and over | Total | Less<br>than<br>\$40,000 | \$40,000<br>to<br>\$59,999 | \$60,000<br>and over | Total | Less<br>than<br><b>34</b> 0,000 | \$40,000<br>to<br>\$59,999 | \$60,000<br>and over | Tota  |
|                |                          |                            |                      |       | NUMBI                    | ER                         |                      |       |                                 |                            |                      |       |
| 1990-91        | 504                      | 2,405                      | 3_879                | 6.788 | 79                       | 487                        | 1.216                | 1.781 | 530                             | 2,463                      | 3,760                | 6,753 |
| 1991-92        | 307                      | 2,084                      | 4,332                | 6.723 | 30                       | 485                        | 1,147                | 1.663 | 365                             | 2.068                      | 4,402                | 6,835 |
| 1992-93        | 261                      | 2.430                      | 4.811                | 7,502 | 31                       | 564                        | 1,611                | 2.206 | 282                             | 2,358                      | 4,303                | 6.943 |
| 1992 Sept, qtr | 75                       | 684                        | 1,197                | 1,956 | 25                       | 624                        | 1,386                | 2,035 | 80                              | 535                        | 958                  | 1,573 |
| Dec. qtr       | 55                       | 517                        | 1.292                | 1,863 | 17                       | 462                        | 1,420                | 1,899 | 73                              | 683                        | 1.243                | 1,998 |
| 1993 Mar. qtr  | 76                       | 578                        | 1,038                | 1,692 | 39                       | 512                        | 1.351                | 1,903 | 67                              | 548                        | 1,083                | 1,698 |
| June qtr       | 55                       | 651                        | 1,284                | 1,991 | 31                       | 564                        | 1.611                | 2.206 | 62                              | 592                        | 1,019                | 1,674 |
| Sept. qtr r    | 104                      | 686                        | 1,435                | 2.225 | 72                       | 622                        | 1,645                | 2,340 | 55                              | 670                        | 1,353                | 2.078 |
| Dec. qtr       | 55                       | 631                        | 1,298                | 1,985 | 45                       | 665                        | 1,653                | 2,363 | 83                              | 587                        | 1.291                | 1,961 |
|                |                          | <del></del>                |                      |       | VALUE (                  | Sm)                        |                      |       |                                 |                            |                      |       |
| 1990-91        | 17.3                     | 119.8                      | 337.4                | 474.5 | 2.5                      | 24,3                       | 119.5                | 146.3 | 18.4                            | 123.3                      | 339.6                | 481.3 |
| 1991-92        | 10.5                     | 105.6                      | 368.0                | 484,0 | 1.0                      | 24.7                       | 110.4                | 136.1 | 12.5                            | 104.8                      | 377.2                | 494.5 |
| 1992-93        | 8.7                      | 123.5                      | 413.2                | 545.5 | 1.0                      | 29.0                       | 150.7                | 180.8 | 9.5                             | 119.3                      | 372.7                | 501.4 |
| 1992 Sept. qtr | 2.6                      | 34.4                       | 101.4                | 138.4 | 0.9                      | 31.6                       | 132.3                | 164.8 | 2.7                             | 27.1                       | 80.4                 | 110.2 |
| Dec. qtr       | 1.8                      | 26.4                       | 109,6                | 137.7 | 0.6                      | 23.9                       | 133.3                | 157.9 | 2.4                             | 34.3                       | 108.5                | 145.2 |
| 1993 Mar. qtr  | 2.6                      | 29.3                       | 91.1                 | 123,0 | 1.3                      | 26.3                       | 131.0                | 158.7 | 2.4                             | 27.6                       | 93.1                 | 123.1 |
| June qtr       | 1.7                      | 33.5                       | 111.2                | 146.4 | 1.0                      | 29.0                       | 150.7                | 180.8 | 2.0                             | 30.3                       | 90,6                 | 122.9 |
| Sept. qtr r    | 3.6                      | 35.2                       | 127.3                | 166.0 | 2.6                      | 32.0                       | 161.8                | 196.4 | 1.8                             | 34.7                       | 115.8                | 152.3 |
| Dec. qtr       | 1.9                      | 33.2                       | 107.7                | 142.8 | 1.5                      | 34.8                       | 158.3                | 194.7 | 2.9                             | 30.3                       | 112.2                | 145.5 |

#### TABLE 10. SUMMARY OF BUILDING ACTIVITY, SOUTH AUSTRALIA RELATIVE STANDARD ERRORS (PER CENT) DECEMBER QUARTER 1993

|                                     |             | New residential | building              |       | Value                           |                   |
|-------------------------------------|-------------|-----------------|-----------------------|-------|---------------------------------|-------------------|
|                                     | Houses      |                 | Total                 |       | Alterations                     | Total<br>building |
| Ownership and stage                 |             |                 | Number of<br>dwelling |       | and additions<br>to residential |                   |
| of construction                     | Number      | Value           | units                 | Value | <b>buildings</b>                |                   |
|                                     | PF          | IVATE SECTO     | )R                    |       |                                 |                   |
| Commenced                           | 2.9         | 3.1             | 2.6                   | 2.8   | 7.7                             | 2.1               |
| Under construction at end of period | 2.9         | 3.0             | 2.4                   | 2.6   | 7.2                             | 1.8               |
| Completed                           | 4.2         | 4.5             | 3,4                   | 3.8   | 8.6                             | 2.7               |
| Value of work done                  | - •         | 2.7             |                       | 2.3   | 5.8                             | 1.7               |
| Value of work yet to be done        |             | 3.7             |                       | 3.1   | 9.8                             | 2.3               |
|                                     | TOTAL PRIVA | ATE AND PUB     | LIC SECTORS           |       |                                 |                   |
| Commenced                           | 2.9         | 3.0             | 2.4                   | 2.6   | 7.7                             | 1.8               |
| Under construction at end of period | 2.8         | 2.9             | 2.3                   | 2.5   | 7.2                             | 1.2               |
| Completed                           | 3.9         | 4.3             | 3.1                   | 3.5   | 8.6                             | 2.0               |
| Value of work done                  |             | 2.5             |                       | 2.1   | 5.8                             | 1.4               |
| Value of work yet to be done        |             | 3.6             |                       | 2.9   | 9.8                             | 1.5               |

#### **EXPLANATORY NOTES**

#### Introduction

This publication contains detailed results from the quarterly Building Activity Survey.

- 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) A sample survey of private sector house building activity involving new house construction or alterations and additions valued at \$10,000 or more to houses.
  - (b) 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 or more are included in the survey. For the September quarter 1985 to June quarter 1990, the cut-off for inclusion was \$30,000 or more and prior to that it was \$10,000 or more. Care should be taken in interpreting data for specific classes of non-residential building.
- 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 available only at the State/Territory and Australia levels with the exception of the Northern Territory. However, dwelling unit commencement data for regions below State level are shown in the monthly series of dwelling unit commencements compiled by State offices of the ABS. Data from this series, unlike those compiled from the Building Activity Survey, are based on information reported by local and other government 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.
- Building jobs included in each quarter in the Building Activity Survey comprise those building jobs selected in previous quarters which have not been completed (or commenced) by the end of the previous quarter and those building jobs newly selected in the current quarter. The population list from which building jobs are selected for inclusion comprises all approved building jobs which were notified to the ABS 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 building 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, building 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) 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.
  - (b) 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. The number of dwelling units created by alterations and additions to existing buildings, and through the construction of new non-residential buildings, is not included in the tables but is shown as a footnote to Table 1.
- 11. 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).
- 12. 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.
- 13. 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

- 14. The value series in this publication are derived from estimates reported on survey returns as follows.
  - (a) 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.
- (b) 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 tepresents the estimated value of building work actually carried out during the quarter on building jobs which have commenced.
- (d) Value of building work yet to be done represents the difference between the anticipated completion value and the estimated value of work done on building jobs up to the end of the period.

#### **Building classification**

- 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.
- Builder type. Houses are classified according to the type of builder as follows.
  - Contractor-built houses are those constructed by a private recognised building contractor, either under contract, or in anticipation of sale or rental.
  - Houses built by other than contract builders are those constructed by an owner (other than a recognised building contractor) or under the owner's direction, without the services of a single contractor responsible for the whole job. Houses built by businesses (other than recognised building contractors) and public sector organisations are also included in this category.
- 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.
- Examples of the types of buildings included under each main functional heading are shown in the following list.
  - (a) 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, guesthouses, holiday apartment buildings.

- (d) Shops, Includes retail shops, restaurants, cafes, taverns, dry cleaners, laundromats, hair salons, shopping
- 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.
- Other business premises. Includes warehouses, storage depots, service stations, transport depots and terminals, electricity substation buildings, pumping station buildings, telephone exchanges, mail sorting centres, broadcasting stations, film studios.
- (h) Educational. Includes schools, colleges, 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.
- (k) 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

- Since the figures for private sector house building activity (including alterations and additions) are derived from information obtained from a sample of approved building jobs, they are subject to sampling error; that is, they may differ from the figures that would have been obtained if information for all approved jobs for the relevant period had been included in the survey. One measure of the likely difference is given by the standard error, 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 standard error 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 standard errors. Another measure of sampling variability is the relative standard error, which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard errors of estimates provide an indication of the percentage errors likely to have occurred due to sampling, and are shown in Table 10.
- An example of the use of relative standard errors is as follows. Assume that the estimate of the number of new private sector houses commenced during the latest quarter is 2,000 (for actual estimate see Table 2) and that the associated relative standard error is 2.5 per cent (for actual percentage see Table 10). 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 1,950 to 2,050 (2.5 per cent of 2,000 is 50) and about nineteen chances in twenty that the number would have been within the range 1,900 to 2,100.

21. The imprecision due to sampling variability, which is measured by the relative standard error, 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 building jobs, and efficient operating procedures.

#### Seasonal adjustment

- 22. Scasonally adjusted building statistics are shown in Tables 4, 5 and 7. In the seasonally adjusted series, account has been taken of normal seasonal factors and trading day effects (arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the quarter) and the effect of the movement in the date of Easter which may, in successive years, affect figures for different quarters. In this publication (i.e. the December quarter issue) the seasonally adjusted series have been revised as a result of the annual re-analysis of scasonal factors. Details of the methods used in seasonally adjusting the series are given in Seasonally Adjusted Indicators, Australia (1308.0).
- Since seasonally adjusted statistics reflect both 23. 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.

#### Estimates at constant prices

- 24. Estimates of the value of commencements and work done at average 1989–90 prices are shown in Tables 6 and 7. Constant price estimates measure changes in value after the direct effects of price changes have been eliminated. The deflators used to revalue the current price estimates in this publication are derived from the same price data underlying the deflators compiled for the dwellings and non-dwelling construction components of the national accounts aggregate 'Gross fixed capital expenditure'.
- 25. Estimates at constant prices are subject to a number of approximations and assumptions. Further information on the nature and concepts of constant price estimates is contained in Chapter 4 of Australian National Accounts: Concepts, Sources and Methods (5216.0).

26. The factors used to seasonally adjust the constant price series are identical to those used to adjust the corresponding current price series.

#### Unpublished data and related publications

- 27. The ABS can also make available certain building approvals and activity data which are not published. Where it is not practicable to provide the required information by telephone, data can be provided in the following forms: microfiche, photocopy, computer printout, floppy disk and clerically extracted tabulation. For details of what further information is available and its cost, please telephone this publication's contact officer (shown on the front page).
- 28. Users may also wish to refer to the following building and construction publications which are available on request:

Building Approvals, Australia (8731.0) – monthly (\$13.50)

Building Approvals, South Australia (8731.4) — monthly (\$11.00)

Dwelling Unit Commencements Reported by Approving Authorities, South Australia (8741.4) – monthly (\$11.00) Building Activity, Australia: Dwelling Unit Commencements, Preliminary (8750.0) – quarterly (\$11.00) Building Activity, Australia (8752.0) – quarterly (\$14.50) Engineering Construction Activity, Australia (8762.0) – quarterly (\$11.00)

Construction Activity at Constant Prices, Australia (8782.0) - quarterly (\$11.00)

29. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tucsdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### Symbols and other usages

not applicable

nil or rounded to zero

r figure or series revised since previous issue

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

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and Government Statist

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