



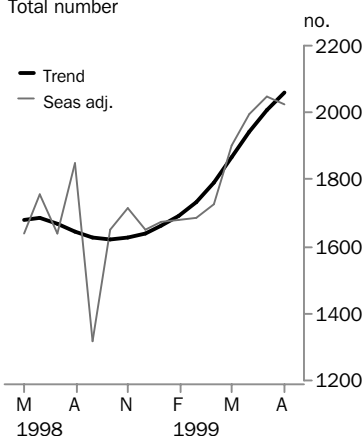
# BUILDING APPROVALS

WESTERN  
AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) FRI 8 OCT 1999

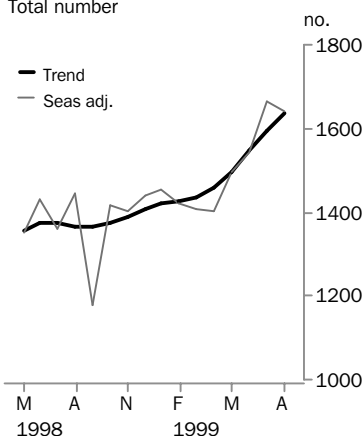
## Dwelling units approved

Total number



## Private sector houses approved

Total number



## AUGUST KEY FIGURES

### TREND ESTIMATES

|                         | Aug 1999 | % change<br>Jul 1999 to<br>Aug 1999 | % change<br>Aug 1998 to<br>Aug 1999 |
|-------------------------|----------|-------------------------------------|-------------------------------------|
| Dwelling units approved |          |                                     |                                     |
| Private sector houses   | 1 638    | 2.8                                 | 20.1                                |
| Total dwelling units    | 2 060    | 2.6                                 | 25.3                                |

### SEASONALLY ADJUSTED

|                         | Aug 1999 | % change<br>Jul 1999 to<br>Aug 1999 | % change<br>Aug 1998 to<br>Aug 1999 |
|-------------------------|----------|-------------------------------------|-------------------------------------|
| Dwelling units approved |          |                                     |                                     |
| Private sector houses   | 1 641    | -1.4                                | 13.5                                |
| Total dwelling units    | 2 026    | -1.1                                | 9.7                                 |

## AUGUST KEY POINTS

### TREND ESTIMATES

- The upward movement in the trend for total dwellings units has continued in August, rising 2.6% over the previous month and a total of 27.2% since October 1998. However the rate of increase is slowing.
- The trend for private sector houses increased by 2.8% in August to be 20.2% higher than the previous low recorded in September 1998.

### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for total dwelling units decreased by 1.1% in August following 23.9% growth over the previous seven months.
- The seasonally adjusted estimate for private sector houses decreased by 1.4% in August following an increase of 18.6% over the previous three months.

### ORIGINAL ESTIMATES

- In original terms, the number of total dwelling units approved in August increased to 2 067. This comprised of 1 745 houses (highest level since June 1998) and 322 other dwellings.
- The value of total building approved increased by \$4 million to \$347.3 million in August. The value of non-residential buildings was up \$13.7 million to \$105.4 million which was partly offset by a fall of \$9.6 million in the value of residential buildings.

- For further information about these and related statistics, contact Loucas Harous on Adelaide 08 8237 7585 or Client Services in any ABS office as shown on the back cover of this publication.

# NOTES

## FORTHCOMING ISSUES

| <i>ISSUE</i>   | <i>RELEASE DATE</i> |
|----------------|---------------------|
| September 1999 | 9 November 1999     |
| October 1999   | 8 December 1999     |
| November 1999  | 13 January 2000     |
| December 1999  | 10 February 2000    |
| January 2000   | 8 March 2000        |
| February 2000  | 6 April 2000        |



## CHANGES IN THIS ISSUE

There are no changes in this issue.



## DATA NOTES

There are no data notes in this issue.



## REVISIONS THIS MONTH

Revisions have been made to July 1999 data for the Perth City Council.



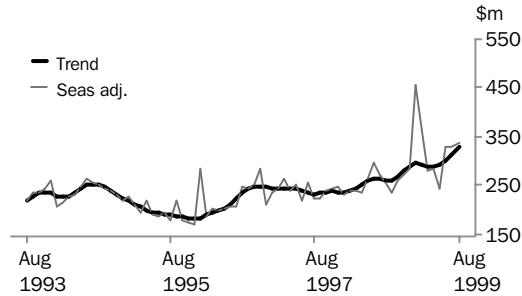
Colin Nagle  
Regional Director, Western Australia



# VALUE OF BUILDINGS APPROVED

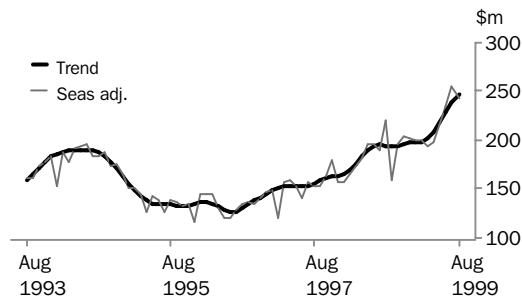
## VALUE OF TOTAL BUILDING

The trend for the value of total building increased 4.8% in August and has now grown 14.2% over the last four months.



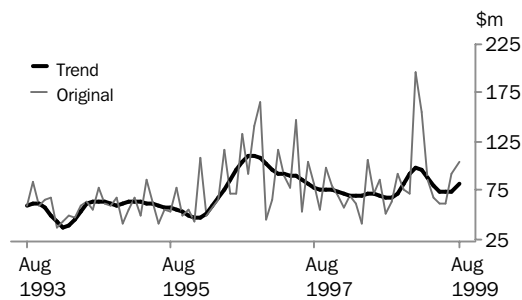
## VALUE OF RESIDENTIAL BUILDING

The growth in the trend continued in August but the rate of growth has begun to ease.



## VALUE OF NON-RESIDENTIAL BUILDING

Following a fall of 25.8% in the trend from January 1999 to June 1999, there has been growth of 10.9% over the last two months. However, this series is volatile and large monthly movements can be expected.



# DWELLING APPROVALS 1998 – 1999

## TYPE OF DWELLING

The number of dwelling units approved during 1998–1999 is shown in the table below, for each type of dwelling category, together with the distribution of each dwelling category as a percentage of total dwelling units approved for 1998–1999 and 1997–1998.

### DWELLING UNITS BY TYPE

| Type of dwelling  | 1998–1999<br>Number<br>of units | 1998–1999<br>% of total<br>dwellings | 1997–1998<br>% of total<br>dwellings |
|---|---------------------------------|--------------------------------------|--------------------------------------|
| <b>New residential</b>                                      |                                 |                                      |                                      |
| Houses  | 17 399                          | 84.8                                 | 85.7                                 |
| Other residential building                                  |                                 |                                      |                                      |
| Semi-detached, row or terrace<br>houses, townhouses etc of: |                                 |                                      |                                      |
| 1 storey  | 1 536                           | 7.5                                  | 9.1                                  |
| 2 or more storeys   | 692                             | 3.4                                  | 1.8                                  |
| <i>Total</i>  | 2 228                           | 10.9                                 | 10.8                                 |
| Flats, units, apartments in a<br>building of:               |                                 |                                      |                                      |
| 1 or 2 storeys  | 58                              | 0.3                                  | 0.9                                  |
| 3 storeys   | 157                             | 0.8                                  | 0.5                                  |
| 4 or more storeys   | 489                             | 2.4                                  | 1.5                                  |
| <i>Total</i>  | 704                             | 3.4                                  | 2.9                                  |
| <i>Total other residential building</i>                     | 2 932                           | 14.3                                 | 13.7                                 |
| <b>Other</b>  |                                 |                                      |                                      |
| Alterations and additions to residential<br>building        | 38                              | 0.2                                  | 0.2                                  |
| Conversions   | 101                             | 0.5                                  | 0.1                                  |
| Non-residential building                                    | 36                              | 0.2                                  | 0.2                                  |
| <b>Total building</b>                                       | <b>20 506</b>                   | <b>100.0</b>                         | <b>100.0</b>                         |

## SUMMARY COMMENT

The total number of dwelling units has increased by 2 046 (11.1%) from 1997–98 to 20 506 dwellings. While at the broader level there has been very little change in the distribution of each dwelling category there has been some movement within other residential building toward structures of more storeys.

# WHAT IF...? REVISIONS TO TREND ESTIMATES

## EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

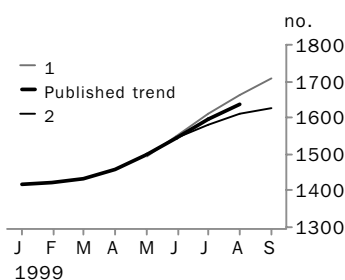
Readers should exercise care when interpreting trend estimates. The last six trend estimates, in particular, are likely to be revised when new seasonally adjusted estimates become available.

### TREND REVISIONS

Generally, the greater the volatility of the original series, the larger the size of the revisions to trend estimates. Analysis of the building approval original series has shown that they can be revised substantially. As a result, some months can elapse before turning points in the trend series are reliably identified.

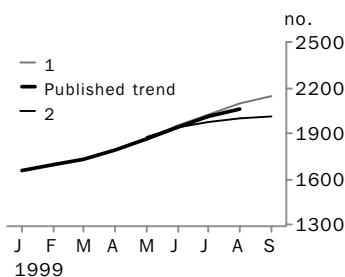
The graphs and tables which follow present the effect of two possible scenarios on the previous trend estimates: that the September seasonally adjusted estimate is higher than the August estimate by 6% for the number of private sector houses approved and 8% for total dwelling units approved; and that the September seasonally adjusted estimate is lower than the August estimate by 6% for the number of private sector houses approved and 8% for total dwelling units approved. These percentages were chosen because they represent the average absolute monthly percentage change for these series over the last ten years.

### PRIVATE SECTOR HOUSES



|                | TREND AS PUBLISHED |          | WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE: |          |  |          |
|----------------|--------------------|----------|--|----------|--|----------|
|                | no.                | % change | <b>1</b><br><i>rises by 6% on Aug 1999</i>           |          | <b>2</b><br><i>falls by 6% on Aug 1999</i> |          |
|                | no.                | % change | no.  | % change | no.  | % change |
| April 1999     | 1 457              | 1.6      | 1 453  | 1.5      | 1 459                                      | 1.7      |
| May 1999       | 1 498              | 2.8      | 1 496  | 3.0      | 1 499                                      | 2.7      |
| June 1999      | 1 546              | 3.2      | 1 551  | 3.7      | 1 543                                      | 2.9      |
| July 1999      | 1 594              | 3.1      | 1 609  | 3.7      | 1 580                                      | 2.5      |
| August 1999    | 1 638              | 2.8      | 1 663  | 3.3      | 1 609                                      | 1.8      |
| September 1999 | n.y.a.             | n.y.a.   | 1 709  | 2.8      | 1 628                                      | 1.2      |

### TOTAL DWELLING UNITS



|                | TREND AS PUBLISHED |          | WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE: |          |  |          |
|----------------|--------------------|----------|--|----------|--|----------|
|                | no.                | % change | <b>1</b><br><i>rises by 8% on Aug 1999</i>           |          | <b>2</b><br><i>falls by 8% on Aug 1999</i> |          |
|                | no.                | % change | no.  | % change | no.  | % change |
| April 1999     | 1 791              | 3.4      | 1 786  | 3.3      | 1 797                                      | 3.5      |
| May 1999       | 1 868              | 4.3      | 1 866  | 4.5      | 1 871                                      | 4.1      |
| June 1999      | 1 942              | 4.0      | 1 948  | 4.4      | 1 933                                      | 3.3      |
| July 1999      | 2 007              | 3.3      | 2 024  | 3.9      | 1 975                                      | 2.2      |
| August 1999    | 2 060              | 2.6      | 2 090  | 3.3      | 1 998                                      | 1.2      |
| September 1999 | n.y.a.             | n.y.a.   | 2 145  | 2.6      | 2 005                                      | 0.4      |

## DWELLING UNITS APPROVED

| Month               | HOUSES.....           |              | OTHER DWELLINGS.....  |              | TOTAL DWELLING UNITS  |              |
|---------------------|-----------------------|--------------|-----------------------|--------------|-----------------------|--------------|
|                     | <i>Private sector</i> | <i>Total</i> | <i>Private sector</i> | <i>Total</i> | <i>Private sector</i> | <i>Total</i> |
|                     | <i>no.</i>            | <i>no.</i>   | <i>no.</i>            | <i>no.</i>   | <i>no.</i>            | <i>no.</i>   |
| ORIGINAL            |                       |              |                       |              |                       |              |
| <b>1998</b>         |                       |              |                       |              |                       |              |
| June                | 1 491                 | 1 832        | 212                   | 222          | 1 703                 | 2 054        |
| July                | 1 460                 | 1 549        | 141                   | 158          | 1 601                 | 1 707        |
| August              | 1 458                 | 1 483        | 228                   | 252          | 1 686                 | 1 735        |
| September           | 1 239                 | 1 257        | 124                   | 156          | 1 363                 | 1 413        |
| October             | 1 454                 | 1 462        | 127                   | 172          | 1 581                 | 1 634        |
| November            | 1 395                 | 1 404        | 193                   | 245          | 1 588                 | 1 649        |
| December            | 1 383                 | 1 393        | 192                   | 248          | 1 575                 | 1 641        |
| <b>1999</b>         |                       |              |                       |              |                       |              |
| January             | 1 142                 | 1 148        | 110                   | 159          | 1 252                 | 1 307        |
| February            | 1 284                 | 1 290        | 205                   | 257          | 1 489                 | 1 547        |
| March               | 1 562                 | 1 606        | 279                   | 315          | 1 841                 | 1 921        |
| April               | 1 372                 | 1 424        | 199                   | 201          | 1 571                 | 1 625        |
| May                 | 1 583                 | 1 633        | 223                   | 308          | 1 806                 | 1 941        |
| June                | 1 637                 | 1 762        | 431                   | 624          | 2 068                 | 2 386        |
| July                | 1 686                 | 1 687        | 351                   | 356          | 2 037                 | 2 043        |
| August              | 1 728                 | 1 745        | 281                   | 322          | 2 009                 | 2 067        |
| SEASONALLY ADJUSTED |                       |              |                       |              |                       |              |
| <b>1998</b>         |                       |              |                       |              |                       |              |
| June                | 1 432                 | 1 597        | n.a.                  | n.a.         | 1 638                 | 1 757        |
| July                | 1 362                 | 1 477        | n.a.                  | n.a.         | 1 520                 | 1 636        |
| August              | 1 445                 | 1 474        | n.a.                  | n.a.         | 1 754                 | 1 847        |
| September           | 1 178                 | 1 196        | n.a.                  | n.a.         | 1 243                 | 1 317        |
| October             | 1 417                 | 1 434        | n.a.                  | n.a.         | 1 570                 | 1 653        |
| November            | 1 402                 | 1 413        | n.a.                  | n.a.         | 1 619                 | 1 712        |
| December            | 1 439                 | 1 451        | n.a.                  | n.a.         | 1 586                 | 1 653        |
| <b>1999</b>         |                       |              |                       |              |                       |              |
| January             | 1 455                 | 1 465        | n.a.                  | n.a.         | 1 573                 | 1 673        |
| February            | 1 423                 | 1 430        | n.a.                  | n.a.         | 1 610                 | 1 679        |
| March               | 1 406                 | 1 434        | n.a.                  | n.a.         | 1 631                 | 1 685        |
| April               | 1 403                 | 1 444        | n.a.                  | n.a.         | 1 674                 | 1 726        |
| May                 | 1 495                 | 1 551        | n.a.                  | n.a.         | 1 759                 | 1 899        |
| June                | 1 541                 | 1 596        | n.a.                  | n.a.         | 1 891                 | 1 998        |
| July                | 1 664                 | 1 665        | n.a.                  | n.a.         | 2 041                 | 2 048        |
| August              | 1 641                 | 1 660        | n.a.                  | n.a.         | 1 934                 | 2 026        |
| TREND ESTIMATES     |                       |              |                       |              |                       |              |
| <b>1998</b>         |                       |              |                       |              |                       |              |
| June                | 1 374                 | 1 430        | 213                   | 259          | 1 586                 | 1 688        |
| July                | 1 372                 | 1 426        | 200                   | 244          | 1 572                 | 1 670        |
| August              | 1 364                 | 1 410        | 187                   | 234          | 1 551                 | 1 644        |
| September           | 1 363                 | 1 398        | 173                   | 228          | 1 536                 | 1 626        |
| October             | 1 373                 | 1 396        | 160                   | 225          | 1 533                 | 1 620        |
| November            | 1 390                 | 1 402        | 153                   | 223          | 1 543                 | 1 625        |
| December            | 1 408                 | 1 414        | 154                   | 225          | 1 562                 | 1 639        |
| <b>1999</b>         |                       |              |                       |              |                       |              |
| January             | 1 419                 | 1 424        | 164                   | 235          | 1 584                 | 1 660        |
| February            | 1 425                 | 1 435        | 188                   | 255          | 1 612                 | 1 689        |
| March               | 1 434                 | 1 449        | 220                   | 283          | 1 654                 | 1 732        |
| April               | 1 457                 | 1 478        | 255                   | 314          | 1 712                 | 1 791        |
| May                 | 1 498                 | 1 524        | 290                   | 344          | 1 788                 | 1 868        |
| June                | 1 546                 | 1 575        | 317                   | 368          | 1 863                 | 1 942        |
| July                | 1 594                 | 1 623        | 337                   | 384          | 1 931                 | 2 007        |
| August              | 1 638                 | 1 666        | 347                   | 394          | 1 985                 | 2 060        |

## DWELLING UNITS APPROVED, Percentage Change

| Month   | HOUSES.....    |       | OTHER DWELLINGS..... |       | TOTAL DWELLING UNITS |       |
|---|----------------|-------|----------------------|-------|----------------------|-------|
|   | Private sector | Total | Private sector       | Total | Private sector       | Total |
| ORIGINAL (% change from preceding month)            |                |       |                      |       |                      |       |
| <b>1998</b>   |                |       |                      |       |                      |       |
| June  | 0.7            | 21.7  | -18.8                | -23.2 | -2.2                 | 14.5  |
| July  | -2.1           | -15.4 | -33.5                | -28.8 | -6.0                 | -16.9 |
| August  | -0.1           | -4.3  | 61.7                 | 59.5  | 5.3                  | 1.6   |
| September   | -15.0          | -15.2 | -45.6                | -38.1 | -19.2                | -18.6 |
| October   | 17.4           | 16.3  | 2.4                  | 10.3  | 16.0                 | 15.6  |
| November  | -4.1           | -4.0  | 52.0                 | 42.4  | 0.4                  | 0.9   |
| December  | -0.9           | -0.8  | -0.5                 | 1.2   | -0.8                 | -0.5  |
| <b>1999</b>   |                |       |                      |       |                      |       |
| January   | -17.4          | -17.6 | -42.7                | -35.9 | -20.5                | -20.4 |
| February  | 12.4           | 12.4  | 86.4                 | 61.6  | 18.9                 | 18.4  |
| March   | 21.7           | 24.5  | 36.1                 | 22.6  | 23.6                 | 24.2  |
| April   | -12.2          | -11.3 | -28.7                | -36.2 | -14.7                | -15.4 |
| May   | 15.4           | 14.7  | 12.1                 | 53.2  | 15.0                 | 19.4  |
| June  | 3.4            | 7.9   | 93.3                 | 102.6 | 14.5                 | 22.9  |
| July  | 3.0            | -4.3  | -18.6                | -42.9 | -1.5                 | -14.4 |
| August  | 2.5            | 3.4   | -19.9                | -9.6  | -1.4                 | 1.2   |
| SEASONALLY ADJUSTED (% change from preceding month) |                |       |                      |       |                      |       |
| <b>1998</b>   |                |       |                      |       |                      |       |
| June  | 6.1            | 16.1  | n.a.                 | n.a.  | 3.3                  | 7.3   |
| July  | -4.9           | -7.5  | n.a.                 | n.a.  | -7.2                 | -6.9  |
| August  | 6.1            | -0.2  | n.a.                 | n.a.  | 15.5                 | 12.9  |
| September   | -18.5          | -18.9 | n.a.                 | n.a.  | -29.1                | -28.7 |
| October   | 20.3           | 19.9  | n.a.                 | n.a.  | 26.3                 | 25.5  |
| November  | -1.0           | -1.5  | n.a.                 | n.a.  | 3.1                  | 3.6   |
| December  | 2.6            | 2.7   | n.a.                 | n.a.  | -2.0                 | -3.4  |
| <b>1999</b>   |                |       |                      |       |                      |       |
| January   | 1.2            | 1.0   | n.a.                 | n.a.  | -0.8                 | 1.2   |
| February  | -2.2           | -2.4  | n.a.                 | n.a.  | 2.4                  | 0.4   |
| March   | -1.3           | 0.3   | n.a.                 | n.a.  | 1.3                  | 0.4   |
| April   | -0.2           | 0.7   | n.a.                 | n.a.  | 2.6                  | 2.4   |
| May   | 6.5            | 7.4   | n.a.                 | n.a.  | 5.0                  | 10.0  |
| June  | 3.1            | 2.9   | n.a.                 | n.a.  | 7.5                  | 5.2   |
| July  | 8.0            | 4.3   | n.a.                 | n.a.  | 8.0                  | 2.5   |
| August  | -1.4           | -0.3  | n.a.                 | n.a.  | -5.2                 | -1.1  |
| TREND ESTIMATES (% change from preceding month)     |                |       |                      |       |                      |       |
| <b>1998</b>   |                |       |                      |       |                      |       |
| June  | 1.2            | 1.5   | -3.6                 | -4.8  | 0.5                  | 0.4   |
| July  | -0.2           | -0.3  | -6.1                 | -5.8  | -0.9                 | -1.1  |
| August  | -0.6           | -1.1  | -6.5                 | -4.1  | -1.3                 | -1.6  |
| September   | -0.1           | -0.9  | -7.5                 | -2.6  | -1.0                 | -1.1  |
| October   | 0.7            | -0.1  | -7.5                 | -1.3  | -0.2                 | -0.4  |
| November  | 1.3            | 0.4   | -4.4                 | -0.9  | 0.7                  | 0.3   |
| December  | 1.3            | 0.9   | 0.7                  | 0.9   | 1.2                  | 0.9   |
| <b>1999</b>   |                |       |                      |       |                      |       |
| January   | 0.8            | 0.7   | 6.5                  | 4.4   | 1.4                  | 1.3   |
| February  | 0.4            | 0.8   | 14.6                 | 8.5   | 1.8                  | 1.7   |
| March   | 0.6            | 1.0   | 17.0                 | 11.0  | 2.6                  | 2.5   |
| April   | 1.6            | 2.0   | 15.9                 | 11.0  | 3.5                  | 3.4   |
| May   | 2.8            | 3.1   | 13.7                 | 9.6   | 4.4                  | 4.3   |
| June  | 3.2            | 3.3   | 9.3                  | 7.0   | 4.2                  | 4.0   |
| July  | 3.1            | 3.0   | 6.3                  | 4.3   | 3.6                  | 3.3   |
| August  | 2.8            | 2.6   | 3.0                  | 2.6   | 2.8                  | 2.6   |

## VALUE OF BUILDING APPROVED

| Month               | New residential building<br>\$m | Alterations and additions to residential buildings(a)<br>\$m | Total residential building<br>\$m | Non-residential building<br>\$m | Total building<br>\$m |
|---------------------|---------------------------------|--|-----------------------------------|---------------------------------|-----------------------|
| ORIGINAL            |                                 |  |                                   |                                 |                       |
| <b>1998</b>         |                                 |  |                                   |                                 |                       |
| June                | 201.7                           | 13.8   | 215.5                             | 71.1                            | 286.7                 |
| July                | 179.5                           | 17.4   | 196.9                             | 85.9                            | 282.8                 |
| August              | 188.5                           | 16.2   | 204.7                             | 51.3                            | 256.1                 |
| September           | 149.5                           | 16.5   | 166.1                             | 63.8                            | 229.9                 |
| October             | 175.8                           | 19.9   | 195.7                             | 92.4                            | 288.1                 |
| November            | 178.0                           | 17.4   | 195.4                             | 77.0                            | 272.4                 |
| December            | 180.1                           | 19.3   | 199.4                             | 71.5                            | 270.8                 |
| <b>1999</b>         |                                 |  |                                   |                                 |                       |
| January             | 148.3                           | 19.6   | 167.9                             | 197.1                           | 365.0                 |
| February            | 169.5                           | 18.2   | 187.8                             | 156.3                           | 344.0                 |
| March               | 195.4                           | 26.1   | 221.5                             | 86.6                            | 308.1                 |
| April               | 174.9                           | 18.4   | 193.3                             | 68.3                            | 261.6                 |
| May                 | 203.6                           | 17.8   | 221.4                             | 61.2                            | 282.7                 |
| June                | 250.0                           | 16.1   | 266.1                             | 60.9                            | 327.0                 |
| July                | 226.7                           | 24.9   | 251.6                             | 91.7                            | 343.3                 |
| August              | 217.8                           | 24.2   | 242.0                             | 105.4                           | 347.3                 |
| SEASONALLY ADJUSTED |                                 |  |                                   |                                 |                       |
| <b>1998</b>         |                                 |  |                                   |                                 |                       |
| June                | 181.2                           | 15.4   | 196.6                             | n.a.                            | 296.2                 |
| July                | 174.0                           | 16.7   | 190.6                             | n.a.                            | 272.3                 |
| August              | 203.5                           | 16.5   | 220.0                             | n.a.                            | 257.2                 |
| September           | 143.4                           | 15.6   | 159.0                             | n.a.                            | 237.3                 |
| October             | 178.8                           | 18.0   | 196.8                             | n.a.                            | 261.8                 |
| November            | 186.3                           | 17.2   | 203.5                             | n.a.                            | 270.7                 |
| December            | 183.1                           | 19.2   | 202.3                             | n.a.                            | 286.6                 |
| <b>1999</b>         |                                 |  |                                   |                                 |                       |
| January             | 180.1                           | 20.9   | 201.0                             | n.a.                            | 457.0                 |
| February            | 180.5                           | 19.8   | 200.3                             | n.a.                            | 368.4                 |
| March               | 172.1                           | 21.4   | 193.4                             | n.a.                            | 282.0                 |
| April               | 175.4                           | 22.5   | 197.9                             | n.a.                            | 283.1                 |
| May                 | 199.2                           | 17.8   | 217.0                             | n.a.                            | 243.9                 |
| June                | 216.7                           | 17.0   | 233.7                             | n.a.                            | 329.4                 |
| July                | 229.3                           | 24.9   | 254.2                             | n.a.                            | 330.6                 |
| August              | 217.5                           | 25.0   | 242.4                             | n.a.                            | 336.3                 |
| TREND ESTIMATES     |                                 |  |                                   |                                 |                       |
| <b>1998</b>         |                                 |  |                                   |                                 |                       |
| June                | 178.5                           | 15.8   | 194.2                             | 71.3                            | 265.5                 |
| July                | 179.1                           | 16.0   | 195.1                             | 69.4                            | 264.5                 |
| August              | 178.1                           | 16.3   | 194.4                             | 67.1                            | 261.6                 |
| September           | 177.2                           | 16.8   | 193.9                             | 67.8                            | 261.8                 |
| October             | 177.3                           | 17.3   | 194.6                             | 72.9                            | 267.5                 |
| November            | 177.8                           | 18.1   | 196.0                             | 82.9                            | 278.9                 |
| December            | 178.0                           | 19.2   | 197.2                             | 93.2                            | 290.3                 |
| <b>1999</b>         |                                 |  |                                   |                                 |                       |
| January             | 177.7                           | 20.0   | 197.6                             | 98.5                            | 296.1                 |
| February            | 178.4                           | 20.3   | 198.7                             | 96.0                            | 294.7                 |
| March               | 181.6                           | 20.3   | 201.9                             | 88.2                            | 290.1                 |
| April               | 188.0                           | 20.3   | 208.3                             | 79.7                            | 288.0                 |
| May                 | 197.7                           | 20.5   | 218.2                             | 74.1                            | 292.3                 |
| June                | 207.9                           | 21.1   | 229.0                             | 73.1                            | 302.1                 |
| July                | 217.1                           | 21.9   | 239.0                             | 74.8                            | 313.8                 |
| August              | 224.8                           | 22.8   | 247.6                             | 81.1                            | 328.8                 |

(a) Refer to Explanatory Notes paragraph 12.



## VALUE OF BUILDING APPROVED, Percentage Change

| Month   | <i>New<br/>residential<br/>building</i> | <i>Alterations<br/>and additions<br/>to residential<br/>buildings(a)</i> | <i>Total<br/>residential<br/>building</i> | <i>Non-<br/>residential<br/>building</i> | <i>Total<br/>building</i> |
|---|---|--|---|--|---------------------------|
| ORIGINAL (% change from preceding month)            |   |  |   |  |                           |
| <b>1998</b>   |   |  |   |  |                           |
| June  | 3.2                                     | -17.3  | 1.6                                       | -32.9                                    | -9.9                      |
| July  | -11.0                                   | 26.3   | -8.6                                      | 20.7                                     | -1.4                      |
| August  | 5.0                                     | -6.9   | 4.0                                       | -40.2                                    | -9.4                      |
| September   | -20.7                                   | 1.9  | -18.9                                     | 24.3                                     | -10.2                     |
| October   | 17.6                                    | 20.1   | 17.8                                      | 44.8                                     | 25.3                      |
| November  | 1.3                                     | -12.4  | -0.1                                      | -16.7                                    | -5.4                      |
| December  | 1.2                                     | 10.7   | 2.0                                       | -7.2                                     | -0.6                      |
| <b>1999</b>   |   |  |   |  |                           |
| January   | -17.7                                   | 1.9  | -15.8                                     | 175.8                                    | 34.8                      |
| February  | 14.3                                    | -7.1   | 11.8                                      | -20.7                                    | -5.7                      |
| March   | 15.2                                    | 43.0   | 17.9                                      | -44.6                                    | -10.5                     |
| April   | -10.5                                   | -29.4  | -12.7                                     | -21.1                                    | -15.1                     |
| May   | 16.4                                    | -3.3   | 14.5                                      | -10.3                                    | 8.0                       |
| June  | 22.8                                    | -9.6   | 20.2                                      | -0.5                                     | 15.7                      |
| July  | -9.3                                    | 54.5   | -5.4                                      | 50.5                                     | 5.0                       |
| August  | -3.9                                    | -2.8   | -3.8                                      | 14.9                                     | 1.2                       |
| SEASONALLY ADJUSTED (% change from preceding month) |   |  |   |  |                           |
| <b>1998</b>   |   |  |   |  |                           |
| June  | 0.6                                     | -6.8   | 0.0                                       | n.a.                                     | 12.5                      |
| July  | -4.0                                    | 8.3  | -3.0                                      | n.a.                                     | -8.1                      |
| August  | 17.0                                    | -1.0   | 15.4                                      | n.a.                                     | -5.6                      |
| September   | -29.5                                   | -5.2   | -27.7                                     | n.a.                                     | -7.7                      |
| October   | 24.7                                    | 15.1   | 23.7                                      | n.a.                                     | 10.3                      |
| November  | 4.2                                     | -4.5   | 3.4                                       | n.a.                                     | 3.4                       |
| December  | -1.7                                    | 11.9   | -0.5                                      | n.a.                                     | 5.9                       |
| <b>1999</b>   |   |  |   |  |                           |
| January   | -1.7                                    | 8.8  | -0.7                                      | n.a.                                     | 59.4                      |
| February  | 0.3                                     | -5.4   | -0.3                                      | n.a.                                     | -19.4                     |
| March   | -4.7                                    | 7.9  | -3.5                                      | n.a.                                     | -23.5                     |
| April   | 2.0                                     | 5.4  | 2.3                                       | n.a.                                     | 0.4                       |
| May   | 13.5                                    | -20.9  | 9.6                                       | n.a.                                     | -13.9                     |
| June  | 8.8                                     | -4.5   | 7.7                                       | n.a.                                     | 35.1                      |
| July  | 5.8                                     | 46.7   | 8.8                                       | n.a.                                     | 0.4                       |
| August  | -5.2                                    | 0.2  | -4.6                                      | n.a.                                     | 1.7                       |
| TREND ESTIMATES (% change from preceding month)     |   |  |   |  |                           |
| <b>1998</b>   |   |  |   |  |                           |
| June  | 2.3                                     | 1.0  | 2.2                                       | 0.4                                      | 1.7                       |
| July  | 0.4                                     | 1.3  | 0.5                                       | -2.7                                     | -0.4                      |
| August  | -0.6                                    | 2.0  | -0.4                                      | -3.2                                     | -1.1                      |
| September   | -0.5                                    | 2.8  | -0.2                                      | 1.0                                      | 0.1                       |
| October   | 0.0                                     | 3.3  | 0.3                                       | 7.5                                      | 2.2                       |
| November  | 0.3                                     | 4.9  | 0.7                                       | 13.7                                     | 4.3                       |
| December  | 0.1                                     | 5.7  | 0.6                                       | 12.4                                     | 4.1                       |
| <b>1999</b>   |   |  |   |  |                           |
| January   | -0.2                                    | 4.1  | 0.2                                       | 5.7                                      | 2.0                       |
| February  | 0.4                                     | 1.7  | 0.5                                       | -2.5                                     | -0.5                      |
| March   | 1.8                                     | 0.0  | 1.6                                       | -8.2                                     | -1.6                      |
| April   | 3.6                                     | -0.1   | 3.2                                       | -9.6                                     | -0.7                      |
| May   | 5.2                                     | 1.0  | 4.8                                       | -7.1                                     | 1.5                       |
| June  | 5.2                                     | 2.7  | 4.9                                       | -1.2                                     | 3.4                       |
| July  | 4.4                                     | 3.8  | 4.4                                       | 2.2                                      | 3.9                       |
| August  | 3.5                                     | 4.4  | 3.6                                       | 8.5                                      | 4.8                       |

(a) Refer to Explanatory Notes paragraph 12.

DWELLING UNITS APPROVED, Private and Public Sector: **Original**

| <i>Period</i>           | <i>New houses</i> | <i>New other residential building</i> | <i>Alterations and additions to residential buildings</i> | <i>Conversion(a)</i> | <i>Non-residential building(a)</i> | <i>Total dwelling units</i> |
|-------------------------|-------------------|---------------------------------------|---|----------------------|------------------------------------|-----------------------------|
| PRIVATE SECTOR (Number) |                   |                                       |   |                      |                                    |                             |
| <b>1996-1997</b>        | 13 067            | 1 682                                 | 56  | 3                    | 32                                 | 14 840                      |
| <b>1997-1998</b>        | 14 960            | 2 026                                 | 45  | 21                   | 40                                 | 17 092                      |
| <b>1998-1999</b>        | 16 957            | 2 296                                 | 31  | 101                  | 36                                 | 19 421                      |
| <b>1998</b>             |                   |                                       |   |                      |                                    |                             |
| August                  | 1 458             | 224                                   | 0   | 0                    | 4                                  | 1 686                       |
| September               | 1 238             | 118                                   | 1   | 1                    | 5                                  | 1 363                       |
| October                 | 1 453             | 124                                   | 2   | 1                    | 1                                  | 1 581                       |
| November                | 1 392             | 184                                   | 4   | 3                    | 5                                  | 1 588                       |
| December                | 1 381             | 175                                   | 2   | 15                   | 2                                  | 1 575                       |
| <b>1999</b>             |                   |                                       |   |                      |                                    |                             |
| January                 | 1 142             | 108                                   | 2   | 0                    | 0                                  | 1 252                       |
| February                | 1 284             | 201                                   | 3   | 0                    | 1                                  | 1 489                       |
| March                   | 1 562             | 201                                   | 1   | 77                   | 0                                  | 1 841                       |
| April                   | 1 372             | 187                                   | 0   | 0                    | 12                                 | 1 571                       |
| May                     | 1 580             | 221                                   | 2   | 3                    | 0                                  | 1 806                       |
| June                    | 1 636             | 419                                   | 8   | 0                    | 5                                  | 2 068                       |
| July                    | 1 685             | 341                                   | 6   | 3                    | 2                                  | 2 037                       |
| August                  | 1 728             | 257                                   | 3   | 13                   | 8                                  | 2 009                       |
| PUBLIC SECTOR (Number)  |                   |                                       |   |                      |                                    |                             |
| <b>1996-1997</b>        | 565               | 331                                   | 6   | 0                    | 0                                  | 902                         |
| <b>1997-1998</b>        | 868               | 500                                   | 0   | 0                    | 0                                  | 1 368                       |
| <b>1998-1999</b>        | 442               | 636                                   | 7   | 0                    | 0                                  | 1 085                       |
| <b>1998</b>             |                   |                                       |   |                      |                                    |                             |
| August                  | 25                | 24                                    | 0   | 0                    | 0                                  | 49                          |
| September               | 18                | 32                                    | 0   | 0                    | 0                                  | 50                          |
| October                 | 8                 | 45                                    | 0   | 0                    | 0                                  | 53                          |
| November                | 9                 | 45                                    | 7   | 0                    | 0                                  | 61                          |
| December                | 10                | 56                                    | 0   | 0                    | 0                                  | 66                          |
| <b>1999</b>             |                   |                                       |   |                      |                                    |                             |
| January                 | 6                 | 49                                    | 0   | 0                    | 0                                  | 55                          |
| February                | 6                 | 52                                    | 0   | 0                    | 0                                  | 58                          |
| March                   | 44                | 36                                    | 0   | 0                    | 0                                  | 80                          |
| April                   | 52                | 2                                     | 0   | 0                    | 0                                  | 54                          |
| May                     | 50                | 85                                    | 0   | 0                    | 0                                  | 135                         |
| June                    | 125               | 193                                   | 0   | 0                    | 0                                  | 318                         |
| July                    | 1                 | 4                                     | 1   | 0                    | 0                                  | 6                           |
| August                  | 17                | 33                                    | 8   | 0                    | 0                                  | 58                          |
| TOTAL (Number)          |                   |                                       |   |                      |                                    |                             |
| <b>1996-1997</b>        | 13 632            | 2 013                                 | 62  | 3                    | 32                                 | 15 742                      |
| <b>1997-1998</b>        | 15 828            | 2 526                                 | 45  | 21                   | 40                                 | 18 460                      |
| <b>1998-1999</b>        | 17 399            | 2 932                                 | 38  | 101                  | 36                                 | 20 506                      |
| <b>1998</b>             |                   |                                       |   |                      |                                    |                             |
| August                  | 1 483             | 248                                   | 0   | 0                    | 4                                  | 1 735                       |
| September               | 1 256             | 150                                   | 1   | 1                    | 5                                  | 1 413                       |
| October                 | 1 461             | 169                                   | 2   | 1                    | 1                                  | 1 634                       |
| November                | 1 401             | 229                                   | 11  | 3                    | 5                                  | 1 649                       |
| December                | 1 391             | 231                                   | 2   | 15                   | 2                                  | 1 641                       |
| <b>1999</b>             |                   |                                       |   |                      |                                    |                             |
| January                 | 1 148             | 157                                   | 2   | 0                    | 0                                  | 1 307                       |
| February                | 1 290             | 253                                   | 3   | 0                    | 1                                  | 1 547                       |
| March                   | 1 606             | 237                                   | 1   | 77                   | 0                                  | 1 921                       |
| April                   | 1 424             | 189                                   | 0   | 0                    | 12                                 | 1 625                       |
| May                     | 1 630             | 306                                   | 2   | 3                    | 0                                  | 1 941                       |
| June                    | 1 761             | 612                                   | 8   | 0                    | 5                                  | 2 386                       |
| July                    | 1 686             | 345                                   | 7   | 3                    | 2                                  | 2 043                       |
| August                  | 1 745             | 290                                   | 11  | 13                   | 8                                  | 2 067                       |

(a) See Glossary for definition.

## VALUE OF BUILDING APPROVED, Private and Public Sector: Original

| Period                      | New houses | New other residential building | Alterations and additions creating dwellings | Alterations and additions not creating dwellings | Conversion(a) | Total residential building | Non-residential building (a) | Total building |
|-----------------------------|------------|--------------------------------|--|--|---------------|----------------------------|------------------------------|----------------|
| PRIVATE SECTOR (\$ million) |            |                                |  |  |               |                            |                              |                |
| <b>1996-1997</b>            | 1 294.1    | 154.0                          | 4.8  | 163.9  | 0.1           | 1 616.6                    | 773.9                        | 2 390.9        |
| <b>1997-1998</b>            | 1 561.5    | 189.6                          | 2.4  | 182.5  | 0.9           | 1 936.9                    | 706.7                        | 2 643.5        |
| <b>1998-1999</b>            | 1 851.4    | 249.6                          | 1.8  | 206.6  | 8.7           | 2 318.3                    | 883.7                        | 3 202.1        |
| <b>1998</b>                 |            |                                |  |  |               |                            |                              |                |
| August                      | 152.6      | 31.3                           | 0.0  | 16.2   | 0.0           | 200.1                      | 39.9                         | 240.0          |
| September                   | 132.5      | 12.7                           | 0.1  | 16.3   | 0.1           | 161.7                      | 60.8                         | 222.5          |
| October                     | 159.2      | 12.4                           | 0.1  | 19.0   | 0.0           | 190.8                      | 78.0                         | 268.8          |
| November                    | 148.5      | 25.9                           | 0.3  | 16.2   | 0.2           | 191.2                      | 64.0                         | 255.2          |
| December                    | 153.9      | 20.9                           | 0.1  | 18.0   | 1.2           | 194.0                      | 54.4                         | 248.4          |
| <b>1999</b>                 |            |                                |  |  |               |                            |                              |                |
| January                     | 126.5      | 17.6                           | 0.3  | 18.7   | 0.0           | 163.1                      | 163.8                        | 326.9          |
| February                    | 140.0      | 25.6                           | 0.1  | 18.0   | 0.0           | 183.8                      | 121.3                        | 305.1          |
| March                       | 172.2      | 16.0                           | 0.0  | 18.4   | 7.1           | 213.8                      | 81.6                         | 295.4          |
| April                       | 148.3      | 20.1                           | 0.0  | 16.9   | 0.0           | 185.4                      | 62.1                         | 247.5          |
| May                         | 171.3      | 20.5                           | 0.1  | 17.3   | 0.1           | 209.2                      | 48.5                         | 257.8          |
| June                        | 191.3      | 31.9                           | 0.4  | 15.6   | 0.0           | 239.1                      | 43.8                         | 282.9          |
| July                        | 183.7      | 42.4                           | 0.6  | 23.8   | 0.1           | 250.5                      | 57.2                         | 307.7          |
| August                      | 189.2      | 25.0                           | 0.1  | 16.1   | 6.5           | 236.9                      | 61.1                         | 298.0          |
| PUBLIC SECTOR (\$ million)  |            |                                |  |  |               |                            |                              |                |
| <b>1996-1997</b>            | 54.9       | 21.7                           | 0.1  | 4.0  | 0.0           | 80.5                       | 430.0                        | 510.7          |
| <b>1997-1998</b>            | 72.9       | 32.5                           | 0.0  | 1.7  | 0.0           | 107.4                      | 193.3                        | 300.3          |
| <b>1998-1999</b>            | 46.8       | 44.8                           | 0.4  | 5.4  | 0.0           | 97.5                       | 188.6                        | 286.4          |
| <b>1998</b>                 |            |                                |  |  |               |                            |                              |                |
| August                      | 3.0        | 1.5                            | 0.0  | 0.0  | 0.0           | 4.6                        | 11.4                         | 16.0           |
| September                   | 1.9        | 2.4                            | 0.0  | 0.1  | 0.0           | 4.3                        | 3.0                          | 7.4            |
| October                     | 1.4        | 2.7                            | 0.0  | 0.7  | 0.0           | 4.8                        | 14.4                         | 19.3           |
| November                    | 1.0        | 2.6                            | 0.4  | 0.2  | 0.0           | 4.3                        | 13.0                         | 17.3           |
| December                    | 1.5        | 3.8                            | 0.0  | 0.0  | 0.0           | 5.3                        | 17.1                         | 22.5           |
| <b>1999</b>                 |            |                                |  |  |               |                            |                              |                |
| January                     | 0.8        | 3.3                            | 0.0  | 0.7  | 0.0           | 4.8                        | 33.3                         | 38.1           |
| February                    | 0.6        | 3.2                            | 0.0  | 0.1  | 0.0           | 4.0                        | 34.9                         | 38.9           |
| March                       | 4.1        | 3.0                            | 0.0  | 0.5  | 0.0           | 7.6                        | 5.1                          | 12.7           |
| April                       | 6.2        | 0.3                            | 0.0  | 1.5  | 0.0           | 7.9                        | 6.2                          | 14.1           |
| May                         | 5.7        | 6.2                            | 0.0  | 0.3  | 0.0           | 12.2                       | 12.7                         | 24.9           |
| June                        | 12.5       | 14.3                           | 0.0  | 0.1  | 0.0           | 26.9                       | 17.2                         | 44.1           |
| July                        | 0.1        | 0.6                            | 0.2  | 0.2  | 0.0           | 1.1                        | 34.5                         | 35.6           |
| August                      | 1.8        | 1.8                            | 0.4  | 1.0  | 0.0           | 5.0                        | 44.3                         | 49.3           |
| TOTAL (\$ million)          |            |                                |  |  |               |                            |                              |                |
| <b>1996-1997</b>            | 1 348.9    | 175.8                          | 4.9  | 167.7  | 0.1           | 1 697.3                    | 1 204.5                      | 2 901.8        |
| <b>1997-1998</b>            | 1 634.2    | 222.0                          | 2.4  | 184.3  | 0.9           | 2 043.9                    | 899.8                        | 2 943.8        |
| <b>1998-1999</b>            | 1 898.5    | 294.8                          | 2.3  | 212.2  | 8.7           | 2 416.2                    | 1 072.3                      | 3 488.5        |
| <b>1998</b>                 |            |                                |  |  |               |                            |                              |                |
| August                      | 155.7      | 32.8                           | 0.0  | 16.2   | 0.0           | 204.7                      | 51.3                         | 256.1          |
| September                   | 134.4      | 15.1                           | 0.1  | 16.4   | 0.1           | 166.1                      | 63.8                         | 229.9          |
| October                     | 160.6      | 15.2                           | 0.1  | 19.7   | 0.0           | 195.7                      | 92.4                         | 288.1          |
| November                    | 149.5      | 28.5                           | 0.8  | 16.5   | 0.2           | 195.4                      | 77.0                         | 272.4          |
| December                    | 155.4      | 24.7                           | 0.1  | 18.0   | 1.2           | 199.4                      | 71.5                         | 270.8          |
| <b>1999</b>                 |            |                                |  |  |               |                            |                              |                |
| January                     | 127.4      | 20.9                           | 0.3  | 19.4   | 0.0           | 167.9                      | 197.1                        | 365.0          |
| February                    | 140.7      | 28.9                           | 0.1  | 18.1   | 0.0           | 187.8                      | 156.3                        | 344.0          |
| March                       | 176.3      | 19.1                           | 0.0  | 19.0   | 7.1           | 221.5                      | 86.6                         | 308.1          |
| April                       | 154.5      | 20.4                           | 0.0  | 18.4   | 0.0           | 193.3                      | 68.3                         | 261.6          |
| May                         | 177.0      | 26.7                           | 0.1  | 17.6   | 0.1           | 221.4                      | 61.2                         | 282.7          |
| June                        | 203.8      | 46.2                           | 0.4  | 15.7   | 0.0           | 266.1                      | 60.9                         | 327.0          |
| July                        | 183.8      | 42.9                           | 0.8  | 24.0   | 0.1           | 251.6                      | 91.7                         | 343.3          |
| August                      | 191.0      | 26.8                           | 0.6  | 17.1   | 6.5           | 242.0                      | 105.4                        | 347.3          |

(a) See Glossary for definition.

## DWELLING UNITS APPROVED IN NEW RESIDENTIAL BUILDING(a): Original

### NEW OTHER RESIDENTIAL BUILDING.....

| Period              | New houses | Semi-detached, row or terrace houses, townhouses, etc of..... |       |                    | Flats, units or apartments in a building of..... |                      |       |       | Total | Total new residential building |
|---------------------|------------|---|-------|--------------------|--|----------------------|-------|-------|-------|--------------------------------|
|                     | One storey | Two or more storeys   | Total | One or two storeys | Three storeys                                    | Four or more storeys | Total |       |       |                                |
|                     |            |   |       |                    |  |                      |       |       |       |                                |
| NUMBER OF DWELLINGS |            |   |       |                    |  |                      |       |       |       |                                |
| <b>1996-1997</b>    | 13 632     | 1 179   | 376   | 1 555              | 75   | 194                  | 189   | 458   | 2 013 | <b>15 645</b>                  |
| <b>1997-1998</b>    | 15 828     | 1 672   | 324   | 1 996              | 166  | 95                   | 269   | 530   | 2 526 | <b>18 354</b>                  |
| <b>1998-1999</b>    | 17 399     | 1 536   | 692   | 2 228              | 58   | 157                  | 489   | 704   | 2 932 | <b>20 331</b>                  |
| <b>1998</b>         |            |   |       |                    |  |                      |       |       |       |                                |
| June                | 1 831      | 108   | 63    | 171                | 33   | 0                    | 14    | 47    | 218   | 2 049                          |
| July                | 1 548      | 90  | 50    | 140                | 0  | 0                    | 11    | 11    | 151   | 1 699                          |
| August              | 1 483      | 137   | 43    | 180                | 24   | 8                    | 36    | 68    | 248   | 1 731                          |
| September           | 1 256      | 75  | 48    | 123                | 0  | 12                   | 15    | 27    | 150   | 1 406                          |
| October             | 1 461      | 91  | 40    | 131                | 14   | 0                    | 24    | 38    | 169   | 1 630                          |
| November            | 1 401      | 138   | 52    | 190                | 0  | 0                    | 39    | 39    | 229   | 1 630                          |
| December            | 1 391      | 134   | 67    | 201                | 0  | 0                    | 30    | 30    | 231   | 1 622                          |
| <b>1999</b>         |            |   |       |                    |  |                      |       |       |       |                                |
| January             | 1 148      | 104   | 41    | 145                | 0  | 0                    | 12    | 12    | 157   | 1 305                          |
| February            | 1 290      | 95  | 113   | 208                | 0  | 0                    | 45    | 45    | 253   | 1 543                          |
| March               | 1 606      | 189   | 38    | 227                | 0  | 0                    | 10    | 10    | 237   | 1 843                          |
| April               | 1 424      | 72  | 44    | 116                | 9  | 30                   | 34    | 73    | 189   | 1 613                          |
| May                 | 1 630      | 126   | 65    | 191                | 11   | 80                   | 24    | 115   | 306   | 1 936                          |
| June                | 1 761      | 285   | 91    | 376                | 0  | 27                   | 209   | 236   | 612   | 2 373                          |
| July                | 1 686      | 58  | 85    | 143                | 21   | 81                   | 100   | 202   | 345   | 2 031                          |
| August              | 1 745      | 180   | 26    | 206                | 60   | 0                    | 24    | 84    | 290   | 2 035                          |
| VALUE (\$ million)  |            |   |       |                    |  |                      |       |       |       |                                |
| <b>1996-1997</b>    | 1 349.0    | 86.5  | 31.9  | 118.4              | 7.5  | 17.9                 | 31.9  | 57.3  | 175.7 | <b>1 524.6</b>                 |
| <b>1997-1998</b>    | 1 634.3    | 117.3   | 31.4  | 148.7              | 13.5   | 10.7                 | 49.2  | 73.4  | 222.1 | <b>1 856.4</b>                 |
| <b>1998-1999</b>    | 1 898.4    | 107.7   | 82.1  | 189.8              | 5.7  | 13.7                 | 85.5  | 104.9 | 294.7 | <b>2 193.1</b>                 |
| <b>1998</b>         |            |   |       |                    |  |                      |       |       |       |                                |
| June                | 183.3      | 8.8   | 4.8   | 13.6               | 2.0  | 0.0                  | 2.8   | 4.8   | 18.4  | 201.7                          |
| July                | 163.2      | 7.1   | 8.1   | 15.2               | 0.0  | 0.0                  | 1.1   | 1.1   | 16.3  | 179.5                          |
| August              | 155.7      | 9.2   | 4.5   | 13.6               | 2.3  | 0.7                  | 16.2  | 19.2  | 32.8  | 188.5                          |
| September           | 134.4      | 5.3   | 4.8   | 10.1               | 0.0  | 0.9                  | 4.1   | 5.0   | 15.1  | 149.5                          |
| October             | 160.6      | 6.2   | 3.0   | 9.2                | 1.4  | 0.0                  | 4.6   | 6.0   | 15.2  | 175.8                          |
| November            | 149.5      | 9.4   | 9.7   | 19.0               | 0.0  | 0.0                  | 9.4   | 9.4   | 28.5  | 178.0                          |
| December            | 155.4      | 9.8   | 8.7   | 18.5               | 0.0  | 0.0                  | 6.2   | 6.2   | 24.7  | 180.1                          |
| <b>1999</b>         |            |   |       |                    |  |                      |       |       |       |                                |
| January             | 127.4      | 7.9   | 6.4   | 14.2               | 0.0  | 0.0                  | 6.7   | 6.7   | 20.9  | 148.3                          |
| February            | 140.7      | 6.8   | 11.6  | 18.4               | 0.0  | 0.0                  | 10.5  | 10.5  | 28.9  | 169.5                          |
| March               | 176.3      | 12.7  | 4.3   | 17.0               | 0.0  | 0.0                  | 2.0   | 2.0   | 19.1  | 195.4                          |
| April               | 154.5      | 5.6   | 6.0   | 11.5               | 0.7  | 2.4                  | 5.7   | 8.9   | 20.4  | 174.9                          |
| May                 | 177.0      | 9.2   | 6.6   | 15.8               | 1.3  | 6.8                  | 2.8   | 10.9  | 26.7  | 203.6                          |
| June                | 203.8      | 18.6  | 8.6   | 27.1               | 0.0  | 3.0                  | 16.1  | 19.1  | 46.2  | 250.0                          |
| July                | 183.8      | 5.1   | 11.1  | 16.3               | 2.8  | 6.7                  | 17.2  | 26.7  | 42.9  | 226.7                          |
| August              | 191.0      | 13.3  | 3.2   | 16.6               | 3.3  | 0.0                  | 6.9   | 10.2  | 26.8  | 217.8                          |

(a) See Glossary for definition.

## VALUE OF BUILDING APPROVED, Chain Volume Measures(a)

| <i>Period</i>                              | <i>New houses</i> | <i>New other residential building</i> | <i>New residential building</i> | <i>Alterations and additions to residential buildings(b)</i> | <i>Total residential building</i> | <i>Non-residential building</i> | <i>Total building</i> |
|--|-------------------|---------------------------------------|---------------------------------|--|-----------------------------------|---------------------------------|-----------------------|
| ORIGINAL (\$ million)                      |                   |                                       |                                 |  |                                   |                                 |                       |
| <b>1996-1997</b>                           | 1 352.6           | 178.2                                 | 1 530.8                         | 173.0  | 1 703.9                           | 1 224.2                         | <b>2 924.0</b>        |
| <b>1997-1998</b>                           | 1 634.3           | 222.1                                 | 1 856.4                         | 187.6  | 2 044.0                           | 899.8                           | <b>2 943.8</b>        |
| <b>1998-1999</b>                           | 1 834.2           | 291.4                                 | 2 125.5                         | 215.5  | 2 341.0                           | 1 050.2                         | <b>3 391.2</b>        |
| <b>1998</b>                                |                   |                                       |                                 |  |                                   |                                 |                       |
| March                                      | 370.0             | 64.9                                  | 434.7                           | 46.5   | 481.2                             | 188.9                           | <b>670.1</b>          |
| June                                       | 475.3             | 81.1                                  | 556.3                           | 42.6   | 598.8                             | 218.4                           | <b>817.4</b>          |
| September                                  | 444.6             | 64.1                                  | 508.7                           | 49.3   | 557.9                             | 199.1                           | <b>757.1</b>          |
| December                                   | 451.0             | 68.0                                  | 518.9                           | 54.8   | 573.7                             | 237.1                           | <b>810.8</b>          |
| <b>1999</b>                                |                   |                                       |                                 |  |                                   |                                 |                       |
| March                                      | 426.6             | 68.0                                  | 494.6                           | 61.4   | 556.1                             | 429.6                           | <b>985.7</b>          |
| June                                       | 512.0             | 91.3                                  | 603.3                           | 50.1   | 653.4                             | 184.4                           | <b>837.7</b>          |
| ORIGINAL (% change from preceding quarter) |                   |                                       |                                 |  |                                   |                                 |                       |
| <b>1998</b>                                |                   |                                       |                                 |  |                                   |                                 |                       |
| March                                      | -8.3              | 69.2                                  | -1.6                            | -8.6   | -2.4                              | -23.9                           | <b>-9.5</b>           |
| June                                       | 28.5              | 25.1                                  | 28.0                            | -8.4   | 24.5                              | 15.7                            | <b>22.0</b>           |
| September                                  | -6.5              | -21.0                                 | -8.6                            | 15.7   | -6.8                              | -8.8                            | <b>-7.4</b>           |
| December                                   | 1.4               | 6.1                                   | 2.0                             | 11.2   | 2.8                               | 19.1                            | <b>7.1</b>            |
| <b>1999</b>                                |                   |                                       |                                 |  |                                   |                                 |                       |
| March                                      | -5.4              | 0.1                                   | -4.7                            | 12.2   | -3.1                              | 81.2                            | <b>21.6</b>           |
| June                                       | 20.0              | 34.3                                  | 22.0                            | -18.5  | 17.5                              | -57.1                           | <b>-15.0</b>          |

(a) Reference year for chain volume measures is 1997-98. Refer to Explanatory Notes paragraph 20-21.

(b) Refer to Explanatory Notes paragraph 12.

NON-RESIDENTIAL BUILDING APPROVED, Jobs By Value Range: Original

| Period                        | <i>Hotels, motels and other short term accommodation</i> |      | <i>Shops.....</i> |       | <i>Factories.....</i> |       | <i>Offices.....</i> |       | <i>Other business premises.....</i> |       | <i>Educational.....</i> |       |
|-------------------------------|--|------|-------------------|-------|-----------------------|-------|---------------------|-------|-------------------------------------|-------|-------------------------|-------|
|                               | no.  | \$m  | no.               | \$m   | no.                   | \$m   | no.                 | \$m   | no.                                 | \$m   | no.                     | \$m   |
| Value—\$50,000—\$199,999      |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| <b>1999</b>                   |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| June                          | 6  | 0.6  | 34                | 2.9   | 9                     | 0.8   | 11                  | 0.8   | 12                                  | 1.3   | 1                       | 0.2   |
| July                          | 8  | 0.8  | 28                | 3.0   | 8                     | 1.1   | 22                  | 2.4   | 21                                  | 2.2   | 1                       | 0.1   |
| August                        | 5  | 0.5  | 39                | 3.6   | 9                     | 1.2   | 15                  | 1.3   | 19                                  | 2.1   | 4                       | 0.5   |
| Value—\$200,000—\$499,999     |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| <b>1999</b>                   |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| June                          | 2  | 0.5  | 4                 | 1.2   | 8                     | 2.2   | 5                   | 1.4   | 8                                   | 2.1   | 2                       | 0.5   |
| July                          | 3  | 1.1  | 9                 | 2.9   | 4                     | 1.4   | 5                   | 1.5   | 7                                   | 2.2   | 0                       | 0.0   |
| August                        | 0  | 0.0  | 8                 | 2.4   | 10                    | 2.9   | 9                   | 2.9   | 7                                   | 1.6   | 1                       | 0.2   |
| Value—\$500,000—\$999,999     |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| <b>1999</b>                   |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| June                          | 0  | 0.0  | 3                 | 1.8   | 0                     | 0.0   | 0                   | 0.0   | 4                                   | 3.0   | 0                       | 0.0   |
| July                          | 1  | 0.9  | 2                 | 1.4   | 3                     | 2.1   | 1                   | 0.8   | 2                                   | 1.3   | 2                       | 1.7   |
| August                        | 0  | 0.0  | 7                 | 4.4   | 6                     | 3.6   | 1                   | 0.6   | 5                                   | 2.9   | 1                       | 0.7   |
| Value—\$1,000,000—\$4,999,999 |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| <b>1999</b>                   |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| June                          | 1  | 2.5  | 0                 | 0.0   | 2                     | 2.6   | 0                   | 0.0   | 1                                   | 1.9   | 2                       | 3.8   |
| July                          | 3  | 6.0  | 2                 | 7.4   | 0                     | 0.0   | 3                   | 5.9   | 1                                   | 1.0   | 6                       | 11.1  |
| August                        | 0  | 0.0  | 3                 | 4.4   | 1                     | 2.5   | 0                   | 0.0   | 2                                   | 5.5   | 1                       | 1.1   |
| Value—\$5,000,000 and over    |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| <b>1999</b>                   |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| June                          | 0  | 0.0  | 0                 | 0.0   | 0                     | 0.0   | 0                   | 0.0   | 0                                   | 0.0   | 0                       | 0.0   |
| July                          | 0  | 0.0  | 0                 | 0.0   | 0                     | 0.0   | 0                   | 0.0   | 1                                   | 6.0   | 1                       | 7.0   |
| August                        | 0  | 0.0  | 1                 | 6.9   | 0                     | 0.0   | 0                   | 0.0   | 0                                   | 0.0   | 1                       | 29.5  |
| Value—Total                   |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| <b>1996-1997</b>              | 91   | 75.4 | 408               | 164.2 | 319                   | 102.6 | 314                 | 156.4 | 402                                 | 160.4 | 120                     | 152.0 |
| <b>1997-1998</b>              | 99   | 53.1 | 445               | 186.0 | 287                   | 88.4  | 283                 | 123.5 | 398                                 | 150.0 | 128                     | 114.7 |
| <b>1998-1999</b>              | 90   | 52.4 | 485               | 353.9 | 270                   | 89.7  | 274                 | 93.9  | 396                                 | 146.6 | 122                     | 108.5 |
| <b>1999</b>                   |  |      |                   |       |                       |       |                     |       |                                     |       |                         |       |
| June                          | 9  | 3.6  | 41                | 6.0   | 19                    | 5.7   | 16                  | 2.3   | 25                                  | 8.2   | 5                       | 4.4   |
| July                          | 15   | 8.9  | 41                | 14.6  | 15                    | 4.6   | 31                  | 10.6  | 32                                  | 12.7  | 10                      | 19.9  |
| August                        | 5  | 0.5  | 58                | 21.7  | 26                    | 10.2  | 25                  | 4.8   | 33                                  | 12.1  | 8                       | 32.0  |

NON-RESIDENTIAL BUILDING APPROVED, Jobs By Value Range: **Original** *continued*

| Period                        | Religious..... |     | Health..... |       | Entertainment and recreational..... |       | Miscellaneous..... |      | Total non-residential building..... |         |
|-------------------------------|----------------|-----|-------------|-------|-------------------------------------|-------|--------------------|------|-------------------------------------|---------|
|                               | no.            | \$m | no.         | \$m   | no.                                 | \$m   | no.                | \$m  | no.                                 | \$m     |
| Value—\$50,000—\$199,999      |                |     |             |       |                                     |       |                    |      |                                     |         |
| <b>1999</b>                   |                |     |             |       |                                     |       |                    |      |                                     |         |
| June                          | 1              | 0.2 | 2           | 0.3   | 4                                   | 0.5   | 2                  | 0.1  | 82                                  | 7.7     |
| July                          | 1              | 0.1 | 0           | 0.0   | 2                                   | 0.3   | 10                 | 0.8  | 101                                 | 10.8    |
| August                        | 0              | 0.0 | 2           | 0.2   | 2                                   | 0.2   | 5                  | 0.5  | 100                                 | 10.3    |
| Value—\$200,000—\$499,999     |                |     |             |       |                                     |       |                    |      |                                     |         |
| <b>1999</b>                   |                |     |             |       |                                     |       |                    |      |                                     |         |
| June                          | 1              | 0.3 | 0           | 0.0   | 0                                   | 0.0   | 5                  | 1.5  | 35                                  | 9.7     |
| July                          | 1              | 0.4 | 0           | 0.0   | 0                                   | 0.0   | 2                  | 0.5  | 31                                  | 10.0    |
| August                        | 2              | 0.8 | 1           | 0.4   | 2                                   | 0.6   | 5                  | 1.5  | 45                                  | 13.1    |
| Value—\$500,000—\$999,999     |                |     |             |       |                                     |       |                    |      |                                     |         |
| <b>1999</b>                   |                |     |             |       |                                     |       |                    |      |                                     |         |
| June                          | 0              | 0.0 | 1           | 0.6   | 2                                   | 1.3   | 0                  | 0.0  | 10                                  | 6.8     |
| July                          | 0              | 0.0 | 0           | 0.0   | 0                                   | 0.0   | 1                  | 0.6  | 12                                  | 8.6     |
| August                        | 1              | 0.6 | 1           | 0.5   | 2                                   | 1.4   | 1                  | 0.6  | 25                                  | 15.3    |
| Value—\$1,000,000—\$4,999,999 |                |     |             |       |                                     |       |                    |      |                                     |         |
| <b>1999</b>                   |                |     |             |       |                                     |       |                    |      |                                     |         |
| June                          | 0              | 0.0 | 2           | 6.1   | 0                                   | 0.0   | 0                  | 0.0  | 8                                   | 16.9    |
| July                          | 0              | 0.0 | 1           | 1.4   | 0                                   | 0.0   | 4                  | 8.5  | 20                                  | 41.3    |
| August                        | 0              | 0.0 | 1           | 1.5   | 4                                   | 4.8   | 2                  | 3.4  | 14                                  | 23.2    |
| Value—\$5,000,000 and over    |                |     |             |       |                                     |       |                    |      |                                     |         |
| <b>1999</b>                   |                |     |             |       |                                     |       |                    |      |                                     |         |
| June                          | 1              | 5.9 | 0           | 0.0   | 0                                   | 0.0   | 1                  | 14.0 | 2                                   | 19.9    |
| July                          | 0              | 0.0 | 0           | 0.0   | 0                                   | 0.0   | 1                  | 7.9  | 3                                   | 20.9    |
| August                        | 0              | 0.0 | 0           | 0.0   | 0                                   | 0.0   | 1                  | 7.1  | 3                                   | 43.5    |
| Value—Total                   |                |     |             |       |                                     |       |                    |      |                                     |         |
| <b>1996-1997</b>              | 20             | 5.4 | 69          | 214.5 | 98                                  | 92.2  | 117                | 81.3 | 1 958                               | 1 204.4 |
| <b>1997-1998</b>              | 27             | 8.7 | 56          | 72.5  | 86                                  | 65.3  | 92                 | 37.6 | 1 901                               | 899.8   |
| <b>1998-1999</b>              | 15             | 9.1 | 68          | 52.7  | 85                                  | 106.1 | 90                 | 59.5 | 1 895                               | 1 072.3 |
| <b>1999</b>                   |                |     |             |       |                                     |       |                    |      |                                     |         |
| June                          | 3              | 6.3 | 5           | 7.0   | 6                                   | 1.8   | 8                  | 15.6 | 137                                 | 60.9    |
| July                          | 2              | 0.5 | 1           | 1.4   | 2                                   | 0.3   | 18                 | 18.3 | 167                                 | 91.7    |
| August                        | 3              | 1.4 | 5           | 2.7   | 10                                  | 7.0   | 14                 | 13.0 | 187                                 | 105.4   |

## VALUE OF NON-RESIDENTIAL BUILDINGS APPROVED

| Period                      | Hotels, motels<br>and other short<br>term accom-<br>modation | Shops | Factories | Offices | Other<br>business<br>premises | Educational | Religious | Health | Entertain-<br>ment and<br>recreational | Miscell-<br>aneous | Total non-<br>residential<br>building |
|-----------------------------|--|-------|-----------|---------|-------------------------------|-------------|-----------|--------|--|--------------------|---------------------------------------|
| PRIVATE SECTOR (\$ million) |  |       |           |         |                               |             |           |        |  |                    |                                       |
| <b>1996-1997</b>            | 75.5   | 162.8 | 96.2      | 117.2   | 113.7                         | 38.8        | 5.3       | 96.1   | 36.6                                   | 32.5               | <b>773.9</b>                          |
| <b>1997-1998</b>            | 51.7   | 185.4 | 86.4      | 81.6    | 142.0                         | 32.0        | 8.7       | 58.4   | 39.4                                   | 21.1               | <b>706.7</b>                          |
| <b>1998-1999</b>            | 51.8   | 351.0 | 86.2      | 70.2    | 138.8                         | 51.5        | 9.0       | 32.2   | 75.7                                   | 17.0               | <b>883.7</b>                          |
| <b>1998</b>                 |  |       |           |         |                               |             |           |        |  |                    |                                       |
| August                      | 1.6  | 9.0   | 3.3       | 6.7     | 14.7                          | 2.8         | 0.0       | 0.3    | 0.9                                    | 0.6                | <b>39.9</b>                           |
| September                   | 3.7  | 13.8  | 9.5       | 6.7     | 11.2                          | 10.9        | 0.6       | 0.5    | 0.9                                    | 3.0                | <b>60.8</b>                           |
| October                     | 8.5  | 9.2   | 3.8       | 5.7     | 5.4                           | 2.1         | 0.1       | 4.6    | 37.9                                   | 0.6                | <b>78.0</b>                           |
| November                    | 2.7  | 13.4  | 7.2       | 3.3     | 17.3                          | 9.4         | 0.6       | 3.0    | 3.5                                    | 3.6                | <b>64.0</b>                           |
| December                    | 8.2  | 18.6  | 3.8       | 5.3     | 3.7                           | 3.1         | 0.0       | 2.8    | 8.5                                    | 0.4                | <b>54.4</b>                           |
| <b>1999</b>                 |  |       |           |         |                               |             |           |        |  |                    |                                       |
| January                     | 8.5  | 118.7 | 11.5      | 9.4     | 10.7                          | 2.4         | 0.0       | 1.7    | 0.4                                    | 0.5                | <b>163.8</b>                          |
| February                    | 3.1  | 85.2  | 6.6       | 8.1     | 11.8                          | 1.2         | 0.0       | 1.7    | 2.3                                    | 1.3                | <b>121.3</b>                          |
| March                       | 5.0  | 29.1  | 8.0       | 5.0     | 13.4                          | 3.9         | 0.7       | 2.4    | 11.8                                   | 2.3                | <b>81.6</b>                           |
| April                       | 3.0  | 16.5  | 8.5       | 3.5     | 17.6                          | 5.7         | 0.0       | 4.7    | 1.0                                    | 1.5                | <b>62.1</b>                           |
| May                         | 1.2  | 10.8  | 4.3       | 11.0    | 11.9                          | 1.5         | 0.6       | 1.6    | 4.3                                    | 1.3                | <b>48.5</b>                           |
| June                        | 3.6  | 5.4   | 5.7       | 2.2     | 7.5                           | 4.4         | 6.3       | 7.0    | 1.0                                    | 0.7                | <b>43.8</b>                           |
| July                        | 8.7  | 14.6  | 4.6       | 7.0     | 12.6                          | 4.2         | 0.5       | 1.4    | 0.3                                    | 3.5                | <b>57.2</b>                           |
| August                      | 0.5  | 20.9  | 10.2      | 3.9     | 12.1                          | 2.5         | 1.4       | 2.1    | 5.5                                    | 1.9                | <b>61.1</b>                           |
| PUBLIC SECTOR (\$ million)  |  |       |           |         |                               |             |           |        |  |                    |                                       |
| <b>1996-1997</b>            | 0.0  | 1.6   | 6.5       | 39.2    | 46.8                          | 113.1       | 0.2       | 118.4  | 55.7                                   | 48.7               | <b>430.0</b>                          |
| <b>1997-1998</b>            | 1.4  | 0.7   | 2.1       | 41.7    | 8.0                           | 82.7        | 0.0       | 14.1   | 25.9                                   | 16.7               | <b>193.3</b>                          |
| <b>1998-1999</b>            | 0.6  | 2.9   | 3.5       | 23.7    | 7.8                           | 57.2        | 0.0       | 20.4   | 30.4                                   | 42.4               | <b>188.6</b>                          |
| <b>1998</b>                 |  |       |           |         |                               |             |           |        |  |                    |                                       |
| August                      | 0.0  | 0.0   | 0.0       | 5.3     | 0.1                           | 5.2         | 0.0       | 0.0    | 0.7                                    | 0.1                | <b>11.4</b>                           |
| September                   | 0.0  | 1.5   | 0.0       | 0.4     | 0.2                           | 0.0         | 0.0       | 0.0    | 0.8                                    | 0.2                | <b>3.0</b>                            |
| October                     | 0.0  | 0.1   | 0.0       | 0.1     | 0.3                           | 8.3         | 0.0       | 1.4    | 0.3                                    | 4.0                | <b>14.4</b>                           |
| November                    | 0.1  | 0.2   | 1.6       | 0.8     | 1.5                           | 4.7         | 0.0       | 3.5    | 0.2                                    | 0.5                | <b>13.0</b>                           |
| December                    | 0.0  | 0.0   | 0.0       | 9.5     | 0.0                           | 4.0         | 0.0       | 0.0    | 0.1                                    | 3.5                | <b>17.1</b>                           |
| <b>1999</b>                 |  |       |           |         |                               |             |           |        |  |                    |                                       |
| January                     | 0.0  | 0.0   | 0.0       | 0.6     | 0.0                           | 17.6        | 0.0       | 14.2   | 0.1                                    | 0.8                | <b>33.3</b>                           |
| February                    | 0.0  | 0.0   | 0.0       | 0.0     | 4.5                           | 5.0         | 0.0       | 1.2    | 20.8                                   | 3.4                | <b>34.9</b>                           |
| March                       | 0.0  | 0.2   | 0.0       | 0.9     | 0.0                           | 0.3         | 0.0       | 0.0    | 0.1                                    | 3.7                | <b>5.1</b>                            |
| April                       | 0.0  | 0.0   | 0.0       | 0.0     | 0.1                           | 0.0         | 0.0       | 0.1    | 0.1                                    | 5.8                | <b>6.2</b>                            |
| May                         | 0.0  | 0.2   | 0.0       | 0.3     | 0.3                           | 5.2         | 0.0       | 0.0    | 5.9                                    | 0.8                | <b>12.7</b>                           |
| June                        | 0.0  | 0.5   | 0.0       | 0.1     | 0.8                           | 0.0         | 0.0       | 0.0    | 0.9                                    | 14.9               | <b>17.2</b>                           |
| July                        | 0.1  | 0.0   | 0.0       | 3.6     | 0.2                           | 15.7        | 0.0       | 0.0    | 0.0                                    | 14.9               | <b>34.5</b>                           |
| August                      | 0.0  | 0.8   | 0.0       | 0.9     | 0.0                           | 29.5        | 0.0       | 0.5    | 1.5                                    | 11.1               | <b>44.3</b>                           |
| TOTAL (\$ million)          |  |       |           |         |                               |             |           |        |  |                    |                                       |
| <b>1996-1997</b>            | 75.5   | 164.3 | 102.8     | 156.4   | 160.3                         | 151.9       | 5.5       | 214.5  | 92.3                                   | 81.3               | <b>1 204.5</b>                        |
| <b>1997-1998</b>            | 53.1   | 186.0 | 88.6      | 123.5   | 149.9                         | 114.6       | 8.7       | 72.5   | 65.1                                   | 37.6               | <b>899.8</b>                          |
| <b>1998-1999</b>            | 52.4   | 353.8 | 89.7      | 93.8    | 146.6                         | 108.6       | 9.0       | 52.6   | 106.0                                  | 59.4               | <b>1 072.3</b>                        |
| <b>1998</b>                 |  |       |           |         |                               |             |           |        |  |                    |                                       |
| August                      | 1.6  | 9.0   | 3.3       | 12.0    | 14.8                          | 8.1         | 0.0       | 0.3    | 1.6                                    | 0.6                | <b>51.3</b>                           |
| September                   | 3.7  | 15.3  | 9.5       | 7.0     | 11.4                          | 10.9        | 0.6       | 0.5    | 1.7                                    | 3.2                | <b>63.8</b>                           |
| October                     | 8.5  | 9.2   | 3.8       | 5.8     | 5.7                           | 10.4        | 0.1       | 5.9    | 38.1                                   | 4.6                | <b>92.4</b>                           |
| November                    | 2.7  | 13.6  | 8.8       | 4.1     | 18.9                          | 14.1        | 0.6       | 6.5    | 3.6                                    | 4.0                | <b>77.0</b>                           |
| December                    | 8.2  | 18.6  | 3.8       | 14.7    | 3.7                           | 7.1         | 0.0       | 2.8    | 8.7                                    | 3.9                | <b>71.5</b>                           |
| <b>1999</b>                 |  |       |           |         |                               |             |           |        |  |                    |                                       |
| January                     | 8.5  | 118.7 | 11.5      | 10.1    | 10.7                          | 20.0        | 0.0       | 15.9   | 0.5                                    | 1.3                | <b>197.1</b>                          |
| February                    | 3.1  | 85.2  | 6.6       | 8.1     | 16.3                          | 6.2         | 0.0       | 2.9    | 23.1                                   | 4.7                | <b>156.3</b>                          |
| March                       | 5.0  | 29.2  | 8.0       | 5.9     | 13.4                          | 4.1         | 0.7       | 2.4    | 11.9                                   | 6.0                | <b>86.6</b>                           |
| April                       | 3.0  | 16.5  | 8.5       | 3.5     | 17.6                          | 5.7         | 0.0       | 4.9    | 1.2                                    | 7.4                | <b>68.3</b>                           |
| May                         | 1.2  | 11.0  | 4.3       | 11.3    | 12.3                          | 6.6         | 0.6       | 1.6    | 10.2                                   | 2.1                | <b>61.2</b>                           |
| June                        | 3.6  | 6.0   | 5.7       | 2.3     | 8.2                           | 4.4         | 6.3       | 7.0    | 1.8                                    | 15.6               | <b>60.9</b>                           |
| July                        | 8.9  | 14.6  | 4.6       | 10.6    | 12.7                          | 19.9        | 0.5       | 1.4    | 0.3                                    | 18.3               | <b>91.7</b>                           |
| August                      | 0.5  | 21.7  | 10.2      | 4.8     | 12.1                          | 32.0        | 1.4       | 2.7    | 7.0                                    | 13.0               | <b>105.4</b>                          |



## BUILDING APPROVED IN THE PERTH STATISTICAL DIVISION: Original

| Period           | DWELLINGS (no.)..... |                                |                    | VALUE (\$'000)..... |                                |  |                            |                          |                |
|------------------|----------------------|--------------------------------|--------------------|---------------------|--------------------------------|--|----------------------------|--------------------------|----------------|
|                  | New houses           | New other residential building | Total dwellings(a) | New houses          | New other residential building | Alterations and additions to residential building(b) | Total residential building | Non-residential building | Total building |
| PRIVATE SECTOR   |                      |                                |                    |                     |                                |  |                            |                          |                |
| <b>1997-1998</b> | 10 296               | 1 546                          | 11 930             | 1 074 780           | 152 837                        | 150 499  | 1 378 116                  | 523 117                  | 1 901 233      |
| <b>1998-1999</b> | 11 860               | 1 919                          | 13 924             | 1 299 054           | 218 859                        | 178 670  | 1 696 583                  | 694 918                  | 2 391 500      |
| <b>1998</b>      |                      |                                |                    |                     |                                |  |                            |                          |                |
| August           | 998                  | 198                            | 1 200              | 104 534             | 28 741                         | 12 799   | 146 074                    | 28 814                   | 174 888        |
| September        | 858                  | 108                            | 970                | 91 491              | 12 012                         | 14 290   | 117 792                    | 43 874                   | 161 666        |
| October          | 1 001                | 112                            | 1 115              | 109 517             | 11 427                         | 15 266   | 136 210                    | 69 147                   | 205 357        |
| November         | 950                  | 180                            | 1 134              | 99 952              | 25 543                         | 12 818   | 138 313                    | 49 880                   | 188 193        |
| December         | 1 020                | 162                            | 1 199              | 113 570             | 18 895                         | 15 542   | 148 007                    | 43 627                   | 191 634        |
| <b>1999</b>      |                      |                                |                    |                     |                                |  |                            |                          |                |
| January          | 847                  | 84                             | 933                | 95 321              | 15 093                         | 16 557   | 126 970                    | 147 398                  | 274 368        |
| February         | 947                  | 185                            | 1 134              | 104 523             | 24 095                         | 14 725   | 143 343                    | 110 423                  | 253 766        |
| March            | 1 105                | 135                            | 1 318              | 121 267             | 11 751                         | 21 651   | 154 670                    | 56 035                   | 210 704        |
| April            | 943                  | 179                            | 1 134              | 102 181             | 19 385                         | 13 624   | 135 191                    | 42 726                   | 177 916        |
| May              | 1 113                | 121                            | 1 236              | 119 624             | 11 409                         | 14 967   | 145 999                    | 27 685                   | 173 684        |
| June             | 1 107                | 354                            | 1 472              | 133 535             | 28 810                         | 13 512   | 175 858                    | 32 112                   | 207 969        |
| July             | 1 183                | 247                            | 1 435              | 129 030             | 35 215                         | 17 257   | 181 501                    | 37 346                   | 218 847        |
| August           | 1 170                | 213                            | 1 399              | 127 614             | 20 939                         | 19 455   | 168 007                    | 34 305                   | 202 312        |
| PUBLIC SECTOR    |                      |                                |                    |                     |                                |  |                            |                          |                |
| <b>1997-1998</b> | 493                  | 389                            | 882                | 33 838              | 22 635                         | 1 383  | 57 856                     | 128 996                  | 186 851        |
| <b>1998-1999</b> | 151                  | 398                            | 549                | 12 124              | 26 592                         | 5 222  | 43 938                     | 127 129                  | 171 067        |
| <b>1998</b>      |                      |                                |                    |                     |                                |  |                            |                          |                |
| August           | 4                    | 8                              | 12                 | 375                 | 780                            | 0  | 1 155                      | 4 786                    | 5 941          |
| September        | 7                    | 24                             | 31                 | 447                 | 1 664                          | 88   | 2 199                      | 2 410                    | 4 609          |
| October          | 2                    | 20                             | 22                 | 136                 | 1 183                          | 601  | 1 920                      | 8 400                    | 10 320         |
| November         | 1                    | 10                             | 11                 | 140                 | 752                            | 99   | 991                        | 8 871                    | 9 862          |
| December         | 2                    | 36                             | 38                 | 266                 | 2 065                          | 12   | 2 343                      | 13 664                   | 16 007         |
| <b>1999</b>      |                      |                                |                    |                     |                                |  |                            |                          |                |
| January          | 3                    | 35                             | 38                 | 427                 | 2 056                          | 660  | 3 143                      | 26 997                   | 30 140         |
| February         | 0                    | 28                             | 28                 | 0                   | 1 677                          | 120  | 1 797                      | 21 265                   | 23 062         |
| March            | 25                   | 20                             | 45                 | 1 917               | 1 433                          | 515  | 3 865                      | 4 295                    | 8 160          |
| April            | 16                   | 0                              | 16                 | 1 095               | 0                              | 1 485  | 2 580                      | 478                      | 3 058          |
| May              | 12                   | 74                             | 86                 | 1 032               | 5 227                          | 340  | 6 599                      | 8 798                    | 15 398         |
| June             | 57                   | 132                            | 189                | 4 554               | 8 654                          | 100  | 13 308                     | 14 782                   | 28 090         |
| July             | 0                    | 0                              | 0                  | 0                   | 0                              | 220  | 220                        | 29 525                   | 29 745         |
| August           | 7                    | 0                              | 7                  | 433                 | 0                              | 990  | 1 423                      | 42 067                   | 43 489         |
| TOTAL            |                      |                                |                    |                     |                                |  |                            |                          |                |
| <b>1997-1998</b> | 10 789               | 1 935                          | 12 812             | 1 108 618           | 175 472                        | 151 882  | 1 435 972                  | 652 112                  | 2 088 084      |
| <b>1998-1999</b> | 12 011               | 2 317                          | 14 473             | 1 311 178           | 245 450                        | 183 892  | 1 740 520                  | 822 046                  | 2 562 566      |
| <b>1998</b>      |                      |                                |                    |                     |                                |  |                            |                          |                |
| August           | 1 002                | 206                            | 1 212              | 104 910             | 29 520                         | 12 799   | 147 229                    | 33 600                   | 180 829        |
| September        | 865                  | 132                            | 1 001              | 91 938              | 13 675                         | 14 378   | 119 991                    | 46 283                   | 166 275        |
| October          | 1 003                | 132                            | 1 137              | 109 653             | 12 610                         | 15 867   | 138 130                    | 77 547                   | 215 677        |
| November         | 951                  | 190                            | 1 145              | 100 092             | 26 295                         | 12 917   | 139 304                    | 58 751                   | 198 055        |
| December         | 1 022                | 198                            | 1 237              | 113 835             | 20 960                         | 15 554   | 150 350                    | 57 291                   | 207 641        |
| <b>1999</b>      |                      |                                |                    |                     |                                |  |                            |                          |                |
| January          | 850                  | 119                            | 971                | 95 748              | 17 149                         | 17 217   | 130 113                    | 174 395                  | 304 508        |
| February         | 947                  | 213                            | 1 162              | 104 523             | 25 771                         | 14 845   | 145 140                    | 131 688                  | 276 828        |
| March            | 1 130                | 155                            | 1 363              | 123 184             | 13 184                         | 22 166   | 158 535                    | 60 330                   | 218 864        |
| April            | 959                  | 179                            | 1 150              | 103 277             | 19 385                         | 15 109   | 137 771                    | 43 204                   | 180 975        |
| May              | 1 125                | 195                            | 1 322              | 120 656             | 16 636                         | 15 307   | 152 599                    | 36 483                   | 189 082        |
| June             | 1 164                | 486                            | 1 661              | 138 089             | 37 464                         | 13 612   | 189 165                    | 46 894                   | 236 059        |
| July             | 1 183                | 247                            | 1 435              | 129 030             | 35 215                         | 17 477   | 181 721                    | 66 871                   | 248 592        |
| August           | 1 177                | 213                            | 1 406              | 128 047             | 20 939                         | 20 445   | 169 430                    | 76 372                   | 245 802        |

(a) Refer to footnote (a) in Table 12.

(b) Refer to Explanatory Notes paragraph 12.

## BUILDINGS APPROVED IN STATISTICAL AREAS: Original

| Statistical Area              | DWELLINGS (no.)..... |                                |                    | VALUE (\$'000)..... |                                |   |                            |                          |                |
|-------------------------------|----------------------|--------------------------------|--------------------|---------------------|--------------------------------|---|----------------------------|--------------------------|----------------|
|                               | New houses           | New other residential building | Total dwellings(a) | New houses          | New other residential building | Alterations and additions to residential buildings(b) | Total residential building | Non-residential building | Total building |
| <b>WESTERN AUSTRALIA</b>      | <b>1 745</b>         | <b>290</b>                     | <b>2 067</b>       | <b>191 023</b>      | <b>26 765</b>                  | <b>24 172</b>   | <b>241 960</b>             | <b>105 363</b>           | <b>347 323</b> |
| <b>Perth (SD)</b>             | <b>1 177</b>         | <b>213</b>                     | <b>1 406</b>       | <b>128 047</b>      | <b>20 939</b>                  | <b>20 445</b>   | <b>169 430</b>             | <b>76 372</b>            | <b>245 802</b> |
| Central Metropolitan (SSD)    | 72                   | 0                              | 72                 | 14 878              | 0                              | 4 653   | 19 532                     | 6 459                    | 25 991         |
| Cambridge (T)                 | 10                   | 0                              | 10                 | 2 478               | 0                              | 634   | 3 112                      | 2 291                    | 5 403          |
| Claremont (T)                 | 5                    | 0                              | 5                  | 1 199               | 0                              | 730   | 1 929                      | 160                      | 2 089          |
| Cottesloe (T)                 | 2                    | 0                              | 2                  | 710                 | 0                              | 408   | 1 118                      | 400                      | 1 518          |
| Mosman Park (T)               | 4                    | 0                              | 4                  | 1 360               | 0                              | 686   | 2 046                      | 0                        | 2 046          |
| Nedlands (C)                  | 10                   | 0                              | 10                 | 2 363               | 0                              | 763   | 3 126                      | 0                        | 3 126          |
| Peppermint Grove (S)          | 1                    | 0                              | 1                  | 650                 | 0                              | 0   | 650                        | 0                        | 650            |
| Perth (C)–Inner               | 1                    | 0                              | 1                  | 360                 | 0                              | 496   | 856                        | 1 383                    | 2 239          |
| Perth (C)–Remainder           | 6                    | 0                              | 6                  | 1 525               | 0                              | 0   | 1 525                      | 1 950                    | 3 475          |
| Subiaco (C)                   | 26                   | 0                              | 26                 | 3 329               | 0                              | 119   | 3 448                      | 205                      | 3 653          |
| Vincent (T)                   | 7                    | 0                              | 7                  | 904                 | 0                              | 817   | 1 721                      | 70                       | 1 791          |
| East Metropolitan (SSD)       | 201                  | 4                              | 205                | 19 740              | 311                            | 2 115   | 22 165                     | 13 640                   | 35 805         |
| Bassendean (T)                | 7                    | 0                              | 7                  | 605                 | 0                              | 27  | 633                        | 70                       | 703            |
| Bayswater (C)                 | 42                   | 0                              | 42                 | 5 512               | 0                              | 518   | 6 030                      | 621                      | 6 651          |
| Kalamunda (S)                 | 18                   | 0                              | 18                 | 1 682               | 0                              | 497   | 2 179                      | 150                      | 2 329          |
| Mundaring (S)                 | 22                   | 0                              | 22                 | 2 458               | 0                              | 377   | 2 835                      | 8 722                    | 11 557         |
| Swan (S)                      | 112                  | 4                              | 116                | 9 483               | 311                            | 695   | 10 488                     | 4 077                    | 14 565         |
| North Metropolitan (SSD)      | 360                  | 74                             | 436                | 38 962              | 5 274                          | 3 522   | 47 758                     | 9 351                    | 57 109         |
| Joondalup (C)–North           | 71                   | 11                             | 82                 | 8 333               | 878                            | 169   | 9 380                      | 2 364                    | 11 744         |
| Joondalup (C)–South           | 59                   | 4                              | 63                 | 8 189               | 450                            | 583   | 9 222                      | 2 023                    | 11 245         |
| Stirling (C)–Central          | 36                   | 39                             | 75                 | 3 352               | 2 636                          | 650   | 6 638                      | 1 418                    | 8 056          |
| Stirling (C)–Coastal          | 35                   | 5                              | 42                 | 4 439               | 295                            | 889   | 5 623                      | 300                      | 5 923          |
| Stirling (C)–South-Eastern    | 6                    | 0                              | 6                  | 674                 | 0                              | 367   | 1 041                      | 1 886                    | 2 927          |
| Wanneroo (S)–North-East       | 43                   | 0                              | 43                 | 4 175               | 0                              | 122   | 4 297                      | 165                      | 4 462          |
| Wanneroo (S)–North-West       | 60                   | 2                              | 62                 | 5 212               | 155                            | 142   | 5 509                      | 0                        | 5 509          |
| Wanneroo (S)–South            | 50                   | 13                             | 63                 | 4 588               | 860                            | 599   | 6 048                      | 1 195                    | 7 243          |
| South West Metropolitan (SSD) | 296                  | 63                             | 373                | 30 963              | 3 601                          | 8 338   | 42 902                     | 8 320                    | 51 222         |
| Cockburn (C)                  | 113                  | 49                             | 162                | 10 496              | 2 185                          | 60  | 12 741                     | 4 378                    | 17 119         |
| East Fremantle (T)            | 0                    | 0                              | 0                  | 0                   | 0                              | 140   | 140                        | 0                        | 140            |
| Fremantle (C)–Inner           | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                        | 0              |
| Fremantle (C)–Remainder       | 12                   | 14                             | 39                 | 1 138               | 1 416                          | 7 180   | 9 733                      | 1 112                    | 10 845         |
| Kwinana (T)                   | 19                   | 0                              | 19                 | 1 639               | 0                              | 0   | 1 639                      | 1 080                    | 2 719          |
| Melville (C)                  | 54                   | 0                              | 54                 | 7 828               | 0                              | 497   | 8 325                      | 0                        | 8 325          |
| Rockingham (C)                | 98                   | 0                              | 99                 | 9 861               | 0                              | 462   | 10 323                     | 1 750                    | 12 073         |
| South East Metropolitan (SSD) | 248                  | 72                             | 320                | 23 503              | 11 753                         | 1 817   | 37 074                     | 38 602                   | 75 675         |
| Armadale (C)                  | 30                   | 0                              | 30                 | 2 754               | 0                              | 59  | 2 813                      | 380                      | 3 193          |
| Belmont (C)                   | 19                   | 2                              | 21                 | 2 123               | 320                            | 171   | 2 614                      | 0                        | 2 614          |
| Canning (C)                   | 58                   | 11                             | 69                 | 5 029               | 550                            | 224   | 5 802                      | 8 172                    | 13 974         |
| Gosnells (C)                  | 101                  | 3                              | 104                | 9 614               | 177                            | 278   | 10 069                     | 550                      | 10 619         |
| Serpentine–Jarrahdale (S)     | 11                   | 0                              | 11                 | 929                 | 0                              | 80  | 1 009                      | 0                        | 1 009          |
| South Perth (C)               | 10                   | 35                             | 45                 | 1 206               | 8 820                          | 834   | 10 860                     | 29 500                   | 40 360         |
| Victoria Park (T)             | 19                   | 21                             | 40                 | 1 849               | 1 886                          | 172   | 3 907                      | 0                        | 3 907          |
| <b>South West (SD)</b>        | <b>327</b>           | <b>57</b>                      | <b>400</b>         | <b>34 970</b>       | <b>4 219</b>                   | <b>1 821</b>  | <b>41 010</b>              | <b>14 985</b>            | <b>55 995</b>  |
| Dale (SSD)                    | 100                  | 49                             | 157                | 10 538              | 3 570                          | 772   | 14 880                     | 9 716                    | 24 596         |
| Boddington (S)                | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                        | 0              |
| Mandurah (C)                  | 80                   | 49                             | 137                | 8 686               | 3 570                          | 738   | 12 994                     | 9 556                    | 22 550         |
| Murray (S)                    | 17                   | 0                              | 17                 | 1 569               | 0                              | 34  | 1 603                      | 80                       | 1 683          |
| Waroona (S)                   | 3                    | 0                              | 3                  | 283                 | 0                              | 0   | 283                        | 80                       | 363            |
| Preston (SSD)                 | 138                  | 6                              | 152                | 14 644              | 501                            | 492   | 15 637                     | 1 777                    | 17 415         |
| Bunbury (C)                   | 51                   | 4                              | 63                 | 5 877               | 361                            | 270   | 6 508                      | 1 545                    | 8 053          |
| Capel (S)                     | 11                   | 0                              | 11                 | 1 282               | 0                              | 83  | 1 365                      | 0                        | 1 365          |
| Collie (S)                    | 2                    | 2                              | 4                  | 168                 | 140                            | 10  | 318                        | 65                       | 383            |
| Dardanup (S)                  | 35                   | 0                              | 35                 | 3 108               | 0                              | 0   | 3 108                      | 0                        | 3 108          |
| Donnybrook–Balingup (S)       | 2                    | 0                              | 2                  | 142                 | 0                              | 75  | 217                        | 167                      | 384            |
| Harvey (S)                    | 37                   | 0                              | 37                 | 4 068               | 0                              | 54  | 4 121                      | 0                        | 4 121          |

BUILDINGS APPROVED IN STATISTICAL AREAS: **Original** *continued*

| Statistical Area                 | DWELLINGS (no.)..... |                                |                    | VALUE (\$'000)..... |                                |   |                            |                           |                |
|----------------------------------|----------------------|--------------------------------|--------------------|---------------------|--------------------------------|---|----------------------------|---------------------------|----------------|
|                                  | New houses           | New other residential building | Total dwellings(a) | New houses          | New other residential building | Alterations and additions to residential buildings(b) | Total residential building | Non-residential buildings | Total building |
| Vasse (SSD)                      | 77                   | 2                              | 79                 | 8 790               | 148                            | 425   | 9 363                      | 3 198                     | 12 561         |
| Augusta–Margaret River (S)       | 21                   | 0                              | 21                 | 2 256               | 0                              | 0   | 2 256                      | 1 037                     | 3 293          |
| Busselton (S)                    | 56                   | 2                              | 58                 | 6 534               | 148                            | 425   | 7 107                      | 2 161                     | 9 268          |
| Blackwood (SSD)                  | 12                   | 0                              | 12                 | 997                 | 0                              | 132   | 1 129                      | 294                       | 1 423          |
| Boyup Brook (S)                  | 1                    | 0                              | 1                  | 55                  | 0                              | 0   | 55                         | 0                         | 55             |
| Bridgetown–Greenbushes (S)       | 5                    | 0                              | 5                  | 677                 | 0                              | 12  | 688                        | 0                         | 688            |
| Manjimup (S)                     | 4                    | 0                              | 4                  | 193                 | 0                              | 109   | 302                        | 294                       | 596            |
| Nannup (S)                       | 2                    | 0                              | 2                  | 73                  | 0                              | 11  | 84                         | 0                         | 84             |
| <b>Lower Great Southern (SD)</b> | <b>49</b>            | <b>0</b>                       | <b>49</b>          | <b>5 156</b>        | <b>0</b>                       | <b>508</b>  | <b>5 665</b>               | <b>1 255</b>              | <b>6 920</b>   |
| Pallinup (SSD)                   | 12                   | 0                              | 12                 | 1 088               | 0                              | 23  | 1 111                      | 0                         | 1 111          |
| Broomehill (S)                   | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Gnowangerup (S)                  | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Jerramungup (S)                  | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Katanning (S)                    | 8                    | 0                              | 8                  | 614                 | 0                              | 23  | 637                        | 0                         | 637            |
| Kent (S)                         | 1                    | 0                              | 1                  | 131                 | 0                              | 0   | 131                        | 0                         | 131            |
| Kojonup (S)                      | 2                    | 0                              | 2                  | 253                 | 0                              | 0   | 253                        | 0                         | 253            |
| Tambellup (S)                    | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Woodanilling (S)                 | 1                    | 0                              | 1                  | 90                  | 0                              | 0   | 90                         | 0                         | 90             |
| King (SSD)                       | 37                   | 0                              | 37                 | 4 068               | 0                              | 486   | 4 554                      | 1 255                     | 5 809          |
| Albany (C)–Central               | 22                   | 0                              | 22                 | 2 180               | 0                              | 207   | 2 386                      | 1 050                     | 3 437          |
| Albany (C)–Balance               | 7                    | 0                              | 7                  | 960                 | 0                              | 51  | 1 011                      | 0                         | 1 011          |
| Cranbrook (S)                    | 1                    | 0                              | 1                  | 80                  | 0                              | 0   | 80                         | 0                         | 80             |
| Denmark (S)                      | 4                    | 0                              | 4                  | 485                 | 0                              | 156   | 641                        | 0                         | 641            |
| Plantagenet (S)                  | 3                    | 0                              | 3                  | 364                 | 0                              | 72  | 436                        | 205                       | 641            |
| <b>Upper Great Southern (SD)</b> | <b>10</b>            | <b>3</b>                       | <b>13</b>          | <b>918</b>          | <b>219</b>                     | <b>98</b>   | <b>1 236</b>               | <b>575</b>                | <b>1 811</b>   |
| Hotham (SSD)                     | 10                   | 0                              | 10                 | 918                 | 0                              | 98  | 1 016                      | 520                       | 1 536          |
| Brookton (S)                     | 1                    | 0                              | 1                  | 109                 | 0                              | 0   | 109                        | 0                         | 109            |
| Cuballing (S)                    | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Dumblebung (S)                   | 0                    | 0                              | 0                  | 0                   | 0                              | 65  | 65                         | 0                         | 65             |
| Narrogin (T)                     | 2                    | 0                              | 2                  | 137                 | 0                              | 13  | 150                        | 440                       | 590            |
| Narrogin (S)                     | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Pingelly (S)                     | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Wagin (S)                        | 6                    | 0                              | 6                  | 437                 | 0                              | 0   | 437                        | 80                        | 517            |
| Wandering (S)                    | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| West Arthur (S)                  | 1                    | 0                              | 1                  | 236                 | 0                              | 20  | 256                        | 0                         | 256            |
| Wickepin (S)                     | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Williams (S)                     | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Lakes (SSD)                      | 0                    | 3                              | 3                  | 0                   | 219                            | 0   | 219                        | 55                        | 274            |
| Corrigin (S)                     | 0                    | 3                              | 3                  | 0                   | 219                            | 0   | 219                        | 55                        | 274            |
| Kondinin (S)                     | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Kulin (S)                        | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| Lake Grace (S)                   | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                         | 0              |
| <b>Midlands (SD)</b>             | <b>65</b>            | <b>0</b>                       | <b>65</b>          | <b>6 575</b>        | <b>0</b>                       | <b>234</b>  | <b>6 809</b>               | <b>2 833</b>              | <b>9 643</b>   |
| Moore (SSD)                      | 29                   | 0                              | 29                 | 2 604               | 0                              | 84  | 2 688                      | 2 063                     | 4 751          |
| Chittering (S)                   | 9                    | 0                              | 9                  | 943                 | 0                              | 0   | 943                        | 0                         | 943            |
| Dandaragan (S)                   | 3                    | 0                              | 3                  | 305                 | 0                              | 0   | 305                        | 0                         | 305            |
| Gingin (S)                       | 13                   | 0                              | 13                 | 911                 | 0                              | 84  | 995                        | 1 973                     | 2 969          |
| Moora (S)                        | 3                    | 0                              | 3                  | 324                 | 0                              | 0   | 324                        | 90                        | 414            |
| Victoria Plains (S)              | 1                    | 0                              | 1                  | 120                 | 0                              | 0   | 120                        | 0                         | 120            |

BUILDINGS APPROVED IN STATISTICAL AREA: **Original** *continued*

DWELLINGS (no.)..... VALUE (\$'000).....

| Statistical Area          | DWELLINGS (no.) |                                |                    | VALUE (\$'000) |                                |   |                            |                          |                |
|---------------------------|-----------------|--------------------------------|--------------------|----------------|--------------------------------|---|----------------------------|--------------------------|----------------|
|                           | New houses      | New other residential building | Total dwellings(a) | New houses     | New other residential building | Alterations and additions to residential buildings(b) | Total residential building | Non-residential building | Total building |
| <b>Avon (SSD)</b>         | 24              | 0                              | 24                 | 2 542          | 0                              | 150   | 2 692                      | 770                      | 3 462          |
| Beverley (S)              | 3               | 0                              | 3                  | 236            | 0                              | 24  | 260                        | 0                        | 260            |
| Cunderdin (S)             | 0               | 0                              | 0                  | 0              | 0                              | 25  | 25                         | 0                        | 25             |
| Dalwallinu (S)            | 2               | 0                              | 2                  | 195            | 0                              | 0   | 195                        | 0                        | 195            |
| Dowerin (S)               | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Goomalling (S)            | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Koorda (S)                | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Northam (T)               | 4               | 0                              | 4                  | 496            | 0                              | 0   | 496                        | 0                        | 496            |
| Northam (S)               | 3               | 0                              | 3                  | 230            | 0                              | 40  | 270                        | 0                        | 270            |
| Quairading (S)            | 3               | 0                              | 3                  | 310            | 0                              | 0   | 310                        | 0                        | 310            |
| Tammin (S)                | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 660                      | 660            |
| Toodyay (S)               | 5               | 0                              | 5                  | 487            | 0                              | 11  | 498                        | 0                        | 498            |
| Wongan-Ballidu (S)        | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Wyalkatchem (S)           | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| York (S)                  | 4               | 0                              | 4                  | 588            | 0                              | 50  | 638                        | 110                      | 748            |
| <b>Campion (SSD)</b>      | 12              | 0                              | 12                 | 1 430          | 0                              | 0   | 1 430                      | 0                        | 1 430          |
| Bruce Rock (S)            | 1               | 0                              | 1                  | 54             | 0                              | 0   | 54                         | 0                        | 54             |
| Kellerberrin (S)          | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Merredin (S)              | 6               | 0                              | 6                  | 723            | 0                              | 0   | 723                        | 0                        | 723            |
| Mount Marshall (S)        | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Mukinbudin (S)            | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Narembeen (S)             | 4               | 0                              | 4                  | 601            | 0                              | 0   | 601                        | 0                        | 601            |
| Nungarin (S)              | 1               | 0                              | 1                  | 51             | 0                              | 0   | 51                         | 0                        | 51             |
| Trayning (S)              | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Westonia (S)              | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Yilgarn (S)               | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| <b>South Eastern (SD)</b> | 34              | 0                              | 34                 | 4 052          | 0                              | 287   | 4 339                      | 3 626                    | 7 965          |
| <b>Lefroy (SSD)</b>       | 24              | 0                              | 24                 | 2 823          | 0                              | 60  | 2 882                      | 1 300                    | 4 182          |
| Coolgardie (S)            | 4               | 0                              | 4                  | 445            | 0                              | 0   | 445                        | 150                      | 595            |
| Kalgoorlie/Boulder (C)    | 20              | 0                              | 20                 | 2 377          | 0                              | 60  | 2 437                      | 1 000                    | 3 437          |
| Laverton (S)              | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Leonora (S)               | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 150                      | 150            |
| Menzies (S)               | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Ngaanyatjarraku (S)       | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| <b>Johnston (SSD)</b>     | 10              | 0                              | 10                 | 1 230          | 0                              | 227   | 1 457                      | 2 326                    | 3 783          |
| Dundas (S)                | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Esperance (S)             | 8               | 0                              | 8                  | 1 034          | 0                              | 227   | 1 261                      | 50                       | 1 311          |
| Ravensthorpe (S)          | 2               | 0                              | 2                  | 196            | 0                              | 0   | 196                        | 2 276                    | 2 472          |
| <b>Central (SD)</b>       | 42              | 15                             | 57                 | 5 206          | 1 037                          | 400   | 6 644                      | 2 459                    | 9 102          |
| <b>Gascoyne (SSD)</b>     | 13              | 15                             | 28                 | 1 578          | 1 037                          | 116   | 2 731                      | 127                      | 2 858          |
| Carnarvon (S)             | 5               | 6                              | 11                 | 661            | 108                            | 15  | 784                        | 0                        | 784            |
| Exmouth (S)               | 7               | 9                              | 16                 | 827            | 929                            | 101   | 1 857                      | 127                      | 1 984          |
| Shark Bay (S)             | 1               | 0                              | 1                  | 90             | 0                              | 0   | 90                         | 0                        | 90             |
| Upper Gascoyne (S)        | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| <b>Carnegie (SSD)</b>     | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Cue (S)                   | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Meekatharra (S)           | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Mount Magnet (S)          | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Murchison (S)             | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Sandstone (S)             | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Wiluna (S)                | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |
| Yalgoo (S)                | 0               | 0                              | 0                  | 0              | 0                              | 0   | 0                          | 0                        | 0              |

BUILDINGS APPROVED IN STATISTICAL AREAS: **Original** *continued*

| Statistical Area           | DWELLINGS (no.)..... |                                |                    | VALUE (\$'000)..... |                                |   |                            |                          |                |
|----------------------------|----------------------|--------------------------------|--------------------|---------------------|--------------------------------|---|----------------------------|--------------------------|----------------|
|                            | New houses           | New other residential building | Total dwellings(a) | New houses          | New other residential building | Alterations and additions to residential buildings(b) | Total residential building | Non-residential building | Total building |
| Greenough River (SSD)      | 29                   | 0                              | 29                 | 3 628               | 0                              | 284   | 3 912                      | 2 332                    | 6 244          |
| Carnamah (S)               | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                        | 0              |
| Chapman Valley (S)         | 3                    | 0                              | 3                  | 142                 | 0                              | 0   | 142                        | 0                        | 142            |
| Coorow (S)                 | 1                    | 0                              | 1                  | 132                 | 0                              | 0   | 132                        | 0                        | 132            |
| Geraldton (C)              | 4                    | 0                              | 4                  | 518                 | 0                              | 151   | 669                        | 2 282                    | 2 951          |
| Greenough (S)              | 11                   | 0                              | 11                 | 1 304               | 0                              | 107   | 1 411                      | 50                       | 1 461          |
| Irwin (S)                  | 0                    | 0                              | 0                  | 0                   | 0                              | 15  | 15                         | 0                        | 15             |
| Mingenew (S)               | 2                    | 0                              | 2                  | 240                 | 0                              | 0   | 240                        | 0                        | 240            |
| Morawa (S)                 | 4                    | 0                              | 4                  | 679                 | 0                              | 0   | 679                        | 0                        | 679            |
| Mullewa (S)                | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                        | 0              |
| Northampton (S)            | 4                    | 0                              | 4                  | 613                 | 0                              | 11  | 624                        | 0                        | 624            |
| Perenjori (S)              | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                        | 0              |
| Three Springs (S)          | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                        | 0              |
| <b>Pilbara (SD)</b>        | <b>11</b>            | <b>0</b>                       | <b>11</b>          | <b>1 441</b>        | <b>0</b>                       | <b>42</b>   | <b>1 484</b>               | <b>2 754</b>             | <b>4 238</b>   |
| De Grey (SSD)              | 8                    | 0                              | 8                  | 1 041               | 0                              | 10  | 1 051                      | 2 584                    | 3 635          |
| East Pilbara (S)           | 0                    | 0                              | 0                  | 0                   | 0                              | 10  | 10                         | 2 234                    | 2 244          |
| Port Hedland (T)           | 8                    | 0                              | 8                  | 1 041               | 0                              | 0   | 1 041                      | 350                      | 1 391          |
| Fortescue (SSD)            | 3                    | 0                              | 3                  | 400                 | 0                              | 32  | 432                        | 170                      | 602            |
| Ashburton (S)              | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                        | 0              |
| Roebourne (S)              | 3                    | 0                              | 3                  | 400                 | 0                              | 32  | 432                        | 170                      | 602            |
| <b>Kimberley (SD)</b>      | <b>30</b>            | <b>2</b>                       | <b>32</b>          | <b>4 657</b>        | <b>350</b>                     | <b>337</b>  | <b>5 344</b>               | <b>503</b>               | <b>5 847</b>   |
| Ord (SSD)                  | 5                    | 0                              | 5                  | 979                 | 0                              | 80  | 1 059                      | 0                        | 1 059          |
| Halls Creek (S)            | 0                    | 0                              | 0                  | 0                   | 0                              | 0   | 0                          | 0                        | 0              |
| Wyndham-East Kimberley (S) | 5                    | 0                              | 5                  | 979                 | 0                              | 80  | 1 059                      | 0                        | 1 059          |
| Fitzroy (SSD)              | 25                   | 2                              | 27                 | 3 678               | 350                            | 257   | 4 285                      | 503                      | 4 788          |
| Broome (S)                 | 19                   | 2                              | 21                 | 2 604               | 350                            | 222   | 3 176                      | 423                      | 3 599          |
| Derby-West Kimberley (S)   | 6                    | 0                              | 6                  | 1 074               | 0                              | 35  | 1 109                      | 80                       | 1 189          |

(a) Includes conversions and dwelling units approved as part of alterations and additions or the construction of non-residential buildings.

(b) Refer to Explanatory Notes paragraph 12.

# EXPLANATORY NOTES

## INTRODUCTION

**1** This publication presents monthly details of building work approved.

## SCOPE AND COVERAGE

**2** Statistics of building work approved are compiled from:

- permits issued by local government authorities;
- approvals issued by the Rural Housing Authority in areas not subject to building control by local government authorities;
- contracts let or day labour work authorised by Commonwealth, State, semi-government and local government authorities;
- major building activity in areas not subject to normal administrative approval e.g. building on remote mine sites.

**3** The scope of the survey comprises the following activities:

- construction of new buildings
- alterations and additions to existing buildings
- approved non-structural renovation and refurbishment work
- approved installation of integral building fixtures.

From July 1990, the statistics include:

- all approved new residential building valued at \$10,000 or more
- approved alterations and additions to residential building valued at \$10,000 or more
- all approved non-residential building jobs valued at \$50,000 or more.

Excluded from the statistics is:

- construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.). Statistics for this activity can be found in *Engineering Construction Activity, Australia* (Cat. no. 8762.0).

## VALUE DATA

**4** Value data are derived by aggregation of the estimated value of building work when completed as reported on approval documents. Such value data excludes the value of land and landscaping but includes site preparation. These estimates are usually a reliable indicator of the completed value of 'houses'. However, for 'other residential buildings' and 'non-residential buildings', these estimates can differ significantly from the completed value of the building.

## OWNERSHIP

**5** Building ownership is classified as either public or private sector and is based on the sector of intended owner of the completed building at the time of approval. Residential buildings constructed by private sector builders under government housing authority schemes are classified as public sector when the authority has contracted, or intends to contract, to purchase the building on or before completion.

## BUILDING CLASSIFICATIONS

**6** Building approvals are classified both by the Type of Building (e.g. 'house', 'factory') and by the Type of Work involved (e.g. 'new', 'alterations and additions'). These classifications are often used in conjunction with each other to describe building approvals in this publication.

**7** The Type of Building classification refers to the intended major function of a building. 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, not to the function of the group as a whole.

## EXPLANATORY NOTES

### BUILDING CLASSIFICATIONS

*continued*

**8** An example of this rule is the treatment of work approved for a factory complex. For instance, a detached administration building would be classified to Offices, a detached cafeteria building to Shops, while the factory buildings would be classified Factories.

**9** An exception to this rule is the treatment of group accommodation buildings. For example, a student accommodation building on a university campus would be classified to Education.

**10** In the case of a large multi-function building, i.e. a single large physical building which, at the time of approval is intended to have more than one purpose (e.g. a hotel/shops/casino project), the ABS endeavours to split the approval details according to each main function.

**11** Where this is not possible because separate details cannot be obtained, the building is classified to the predominant function of the building on the basis of the function which represents the highest proportion of the total value of the project.

**12** The Type of Work classification refers to the building activity carried out: New; Alterations and additions; or Conversion. See the Glossary for definitions of these terms. Prior to the May 1998 issue of this publication, Conversions were published as part of a category called 'Conversions, etc.'. From the May 1998 issue onwards, Conversion jobs are shown separately in tables 5 and 6. However, in other tables they are included within existing categories, as follows: in tables 1, 2, 11 and 12 they are included in the appropriate Type of Building category, and in tables 3, 4, 11 and 12 they are included in the 'Alterations and additions to residential buildings' category.

### SEASONAL ADJUSTMENT

**13** Seasonal adjustment is a means of removing the estimated effects of seasonal variation from the series so that the effects of other influences can be more clearly recognised.

**14** In the seasonal adjustment of series, account has been taken of both normal seasonal factors and 'trading day' effects arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month. Adjustment has also been made for the influence of Easter which may affect the March and April estimates differently.

**15** Seasonal adjustment does not remove from the series the effect of irregular or non-seasonal influences (e.g. the approval of large projects or a change in the administrative arrangements of approving authorities).

**16** Some of the component series have been seasonally adjusted independently. Therefore, the adjusted components may not add to the adjusted totals.

**17** As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's data. The timing of this review may vary and when appropriate will be notified in the 'Data Notes' section of this publication.

### TREND ESTIMATES

**18** Smoothing seasonally adjusted series reduces the impact of the irregular component of the seasonally adjusted series and creates trend estimates. For monthly series, these trend estimates are derived by applying a 13-term Henderson-weighted moving average to all months of the respective seasonally adjusted series except the last six months. Trend series are created for the last six months by applying surrogates of the Henderson moving average to the seasonally adjusted series. For further information, see *A Guide to Interpreting Time Series—Monitoring 'Trends': an Overview* (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on (02) 6252 6345.

## EXPLANATORY NOTES

|  |  |
|--|--|
|  | <p><b>19</b> While the smoothing techniques described in paragraph 18 enable trend estimates to be produced for the latest few periods, they do result in revisions to the trend estimates as new data becomes available. Generally, revisions become smaller over time and, after three months, usually have a negligible impact on the series. Revisions to the original data and re-analysis of seasonal factors may also lead to revisions to the trend.</p>   |
| CHAIN VOLUME MEASURES  | <p><b>20</b> The chain volume measures appearing in this publication are annually re-weighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 1997–98). The reference year will be updated annually in the July publication. While current price estimates reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes.</p> <p><b>21</b> Further information on the nature and concepts of chain volume measures is contained in the ABS publication <i>Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts</i> (Cat. no. 5248.0).</p>   |
| AUSTRALIAN STANDARD<br>GEOGRAPHICAL CLASSIFICATION<br>(ASGC) | <p><b>22</b> Area statistics are now being classified to the <i>Australian Standard Geographical Classification, 1998 Edition</i> (Cat. no. 1216.0), effective from 1 July 1998, and ASGC terminology has been adopted in the presentation of building statistics.</p> <p><b>23</b> Some Statistical Districts straddle State/Territory boundaries (e.g. the Gold Coast–Tweed Statistical District lies partly in Queensland and partly in New South Wales.)</p>   |
| UNPUBLISHED DATA   | <p><b>24</b> The ABS can also make available certain building approvals data which are not published. Where the data cannot be provided by telephone, it can be provided via fax, photocopy, computer printout, floppy disk and email. A charge may be made for providing unpublished data in these forms.</p>   |
| RELATED PUBLICATIONS   | <p><b>25</b> Users may also wish to refer to the following publications:</p> <ul style="list-style-type: none"><li>▪ <i>Building Activity, Australia: Dwelling Unit Commencements</i> (Cat. no. 8750.0)</li><li>▪ <i>Building Activity, Australia</i> (Cat. no. 8752.0)</li><li>▪ <i>Building Activity, Western Australia</i> (Cat. no. 8752.5)</li><li>▪ <i>Building Activity, Building Work Done, Australia (8755.0)</i></li><li>▪ <i>Building Approvals, Australia</i> (Cat. no. 8731.0)</li><li>▪ <i>Engineering Construction Activity, Australia</i> (Cat. no. 8762.0)</li><li>▪ <i>House Price Indexes: Eight Capital Cities</i> (Cat. no. 6416.0)</li><li>▪ <i>Housing Finance for Owner Occupation, Australia</i> (Cat. no. 5609.0)</li><li>▪ <i>Price Index of Materials Used in House Building</i> (Cat. no. 6408.0)</li><li>▪ <i>Price Index of Materials Used in Building Other than House Building</i> (Cat. no. 6407.0).</li></ul> |
| ROUNDING   | <p>When figures have been rounded, discrepancies may occur between sums of the component items and totals.</p>   |
| SYMBOLS AND OTHER USAGES                                     | <p>n.a . not available<br/>n.y.a. not yet available<br/>C City<br/>S Shire<br/>SD Statistical Division<br/>SSD Statistical Subdivision<br/>T Town</p>  |



## GLOSSARY

|   |  |
|---|--|
| <b>Alterations and additions</b>                          | Building activity carried out on existing buildings. Includes adding to or diminishing floor area, altering the structural design of a building and affixing rigid components which are integral to the functioning of the building.   |
| <b>Alterations and additions to residential buildings</b> | Alterations and additions carried out on existing residential buildings, which may result in the creation of new dwelling units. See also Explanatory Notes paragraph 12.  |
| <b>Building</b>   | A building is 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 is the provision for regular access by persons in order to satisfy its intended use.  |
| <b>Conversion</b>   | Building activity which converts a non-residential building to a residential building, e.g. conversion of a warehouse to residential apartments. Conversion is considered to be a special type of alteration, and these jobs have been separately identified as such from the July 1996 reference month, though they have only appeared separately in this publication from the May 1998 issue. Prior to that issue, conversions were published as part of the 'Conversions, etc.' category or included elsewhere within a table. Prior to July 1996, Table 5 includes the number of Conversions in the 'Alterations and additions to residential buildings' category while Table 6 includes the value of Conversions in the 'Alterations and additions to residential buildings, creating dwellings' category. See also Explanatory Notes paragraph 12. |
| <b>Dwelling unit</b>                                      | A dwelling unit is a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Regardless of whether they are self-contained or not, units within buildings offering institutional care (e.g. hospitals) or temporary accommodation (e.g. motels, hostels and holiday apartments) are not defined as dwelling units. Such units are included in the appropriate category of non-residential building approvals. Dwelling units can be created in one of four ways: through new work to create a residential building; through alteration/addition work to an existing residential building; through either new or alteration/addition work on non-residential building or through conversion of a non-residential building to a residential building.  |
| <b>Educational</b>  | Includes schools, colleges, kindergartens, libraries, museums and universities.  |
| <b>Entertainment and recreational</b>                     | Includes clubs, cinemas, sport and recreation centres.   |
| <b>Factories</b>  | Includes paper mills, oil refinery buildings, brickworks and powerhouses.  |
| <b>Flats, units or apartments</b>                         | Dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell.  |
| <b>Health</b>   | Includes hospitals, nursing homes, surgeries, clinics and medical centres.   |
| <b>Hotels, motels and other short term accommodation</b>  | Includes hostels, boarding houses, guest houses, and holiday apartment buildings.  |
| <b>House</b>  | A house is a detached building primarily used for long term residential purposes. It consists of one dwelling unit. For instance, detached 'granny flats' and detached dwelling units (e.g. caretakers residences) associated with a non-residential building are defined as houses.   |

## GLOSSARY

|   |   |
|---|---|
| <b>Miscellaneous</b>                                    | Includes justice and defence buildings, welfare and charitable homes, prisons and reformatories, maintenance camps, farming and livestock buildings, veterinary clinics, child-minding centres, police stations and public toilets.   |
| <b>New building work</b>                                | Building activity which will result in the creation of a building which previously did not exist.   |
| <b>New other residential buildings</b>                  | Building activity which will result in the creation of a residential building other than a house, which previously did not exist.   |
| <b>New residential</b>                                  | Building activity which will result in the creation of any residential building (house or other residential) which previously did not exist.  |
| <b>Non-residential building</b>                         | A non-residential building is primarily intended for purposes other than long term residential purposes. Note that, on occasions, one or more dwelling units may be created through non-residential building activity. Prior to the May 1998 issue of this publication, they have been included in the 'Conversions, etc.' column in tables showing dwelling units approved. They are now identified separately (e.g. see table 5). However, the value of these dwelling units cannot be separated out from that of the non-residential building which they are part of, therefore the value associated with these remain in the appropriate Non-residential category.  |
| <b>Offices</b>  | Includes banks, post offices and council chambers.  |
| <b>Other business premises</b>                          | Includes warehouses, service stations, transport depots and terminals, electricity substation buildings, telephone exchanges, broadcasting and film studios.  |
| <b>Other dwellings</b>                                  | Includes all dwellings other than houses. They can be created by: the creation of new other residential buildings (e.g. flats); alteration/addition work to an existing residential building; either new or alteration/addition work on a non-residential building; conversion of a non-residential building to a residential building creating more than one dwelling unit.  |
| <b>Other residential building</b>                       | An other residential building is a building other than a house primarily used for long-term residential purposes. An other residential building contains more than one dwelling unit. Other residential buildings are coded to the following categories: semi-detached, row or terrace house or townhouse with one storey; semi-detached, row or terrace house or townhouse with two or more storeys; flat, unit or apartment in a building of one or two storeys; flat, unit or apartment in a building of three storeys; flat, unit or apartment in a building of four or more storeys; flat, unit or apartment attached to a house; other/number of storeys unknown. The latter two categories are included with the semi-detached, row or terrace house or townhouse with one storey category in table 7 of this publication. |
| <b>Religious</b>  | Includes convents, churches, temples, mosques, monasteries and noviciates.  |
| <b>Residential building</b>                             | A residential building is a building consisting of one or more dwelling units. Residential buildings can be either houses or other residential buildings.   |
| <b>Semi-detached, row or terrace houses, townhouses</b> | Dwellings having their own private grounds with no other dwellings above or below.  |
| <b>Shops</b>  | Includes retail shops, restaurants, taverns and shopping arcades.   |



## SELF-HELP ACCESS TO STATISTICS

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

## WHY NOT SUBSCRIBE?

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

## CONSULTANCY SERVICES

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

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

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

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



2873150008992  
ISSN 0727-2278

RRP \$17.00