

BUILDING APPROVALS

WESTERN
AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) THURS 6 APR 2000

FEBRUARY KEY FIGURES

TREND ESTIMATES

| | Feb 2000 | % change Jan 2000 to Feb 2000 | % change Feb 1999 to Feb 2000 |
|-------------------------|----------|-------------------------------------|-------------------------------------|
| Dwelling units approved | | | |
| Private sector houses | 1 723 | -0.6 | 21.0 |
| Total dwelling units | 2 117 | 0.0 | 25.1 |

SEASONALLY ADJUSTED

| | Feb 2000 | % change Jan 2000 to Feb 2000 | % change Feb 1999 to Feb 2000 |
|-------------------------|----------|-------------------------------------|-------------------------------------|
| Dwelling units approved | | | |
| Private sector houses | 1 552 | -15.0 | 9.1 |
| Total dwelling units | 1 974 | -13.5 | 17.6 |

FEBRUARY KEY POINTS

TREND ESTIMATES

- The trend estimate for private sector houses approved fell by 0.6% in February 2000.
- The trend for total dwellings approved remained static in February 2000 but the series shows a 25.1% increase when compared with the same period in the previous year.

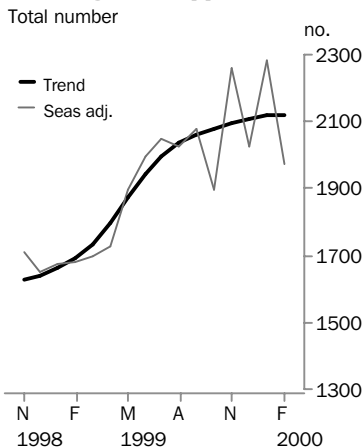
SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for private sector houses fell 15.0% in February 2000 after a 7.3% rise in the previous month.
- The February 2000 seasonally adjusted estimate for total dwelling units decreased 13.5%.

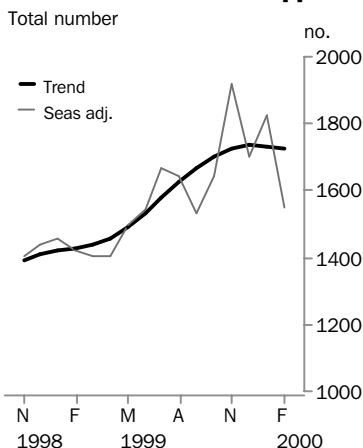
ORIGINAL ESTIMATES

- The number of dwelling units approved in February 2000 was 1,972. This total comprised 1499 houses and a relatively high 473 other dwellings.
- The total value of building approved was \$353.1 million, with new residential building contributing \$269.1 million. New houses approved were valued at \$167.9 million and new other residential building \$101.2 million. Non-residential building approved was valued at \$63.8 million.

Dwelling units approved



Private sector houses approved



- For further information about these and related statistics, contact Roger Mableson on Adelaide 08 8237 7494 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> |
|--------------|---------------------|
| March 2000 | 12 May 2000 |
| June 2000 | 8 August 2000 |



CHANGES IN THIS ISSUE

There are no changes in this issue.



DATA NOTES

There will be some changes to the frequency and content of this publication, commencing with the next issue (March 2000) which will be released on 12 May 2000. From next month this publication will only be released on a quarterly basis, although it will continue to include monthly data at the State/Territory level. Sub-state data (table 12) will however include quarterly, not monthly data - monthly data will still be available as a special data service. Subsequent issues will be released at the time of the June, September and December periods.

The national publication, Building Approvals, Australia (Catalogue 8731.0) will continue to be released on a monthly basis and will, from the next issue, include a number of additional tables containing State and Capital City data. If you have any questions about these changes please contact Loucas Harous on (08) 8237-7585.



REVISIONS THIS MONTH

There are no revisions this month.

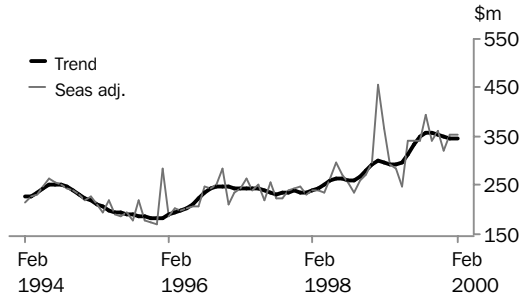


Colin Nagle
Regional Director, Western Australia

VALUE OF BUILDINGS APPROVED

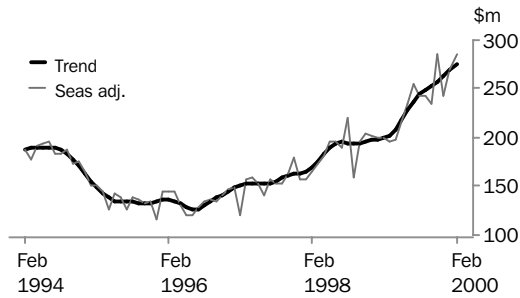
VALUE OF TOTAL BUILDING

The trend for the value of total building has been in decline for the past 5 months although the rate of decline slowed to just 0.5% in February.



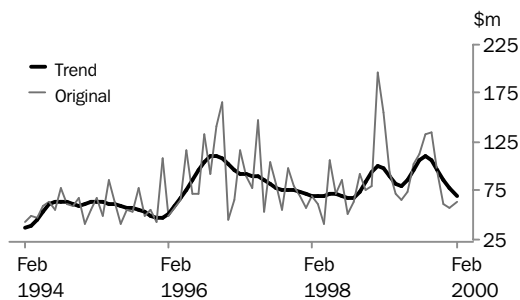
VALUE OF RESIDENTIAL BUILDING

There has been growth in the trend for the value of residential building since September 1998 and in the past 12 months has grown 38.2%.



VALUE OF NON-RESIDENTIAL BUILDING

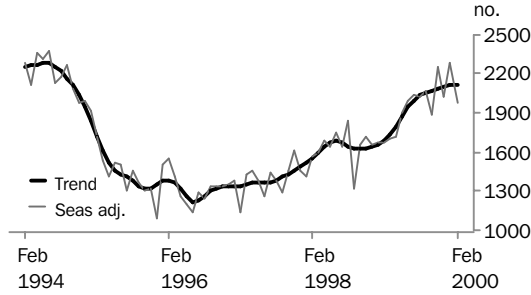
The trend for the value of non-residential building has fallen 33.5% since October 1999.



DWELLINGS APPROVED

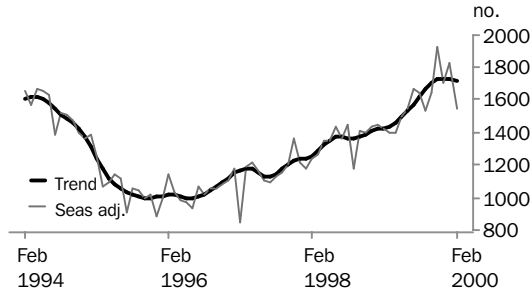
TOTAL DWELLING UNITS

Growth in the trend for total dwelling units has eased since May 1999 and flattened completely in February 2000.



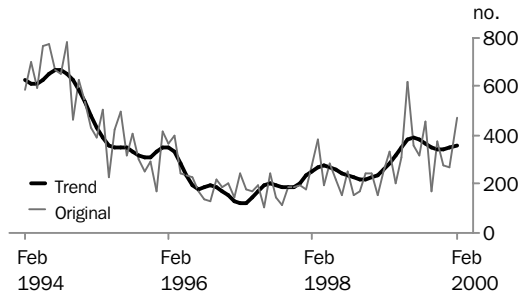
PRIVATE SECTOR HOUSES

Growth in the trend for private sector houses has been slowing since August 1999 and the past 2 months are now registering a decline in the series.



OTHER DWELLINGS

After a period of decline in the last 5 months of 1999 the other dwelling trend series has shown growth in the past 2 months.



WHAT IF...? REVISIONS TO TREND ESTIMATES

EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

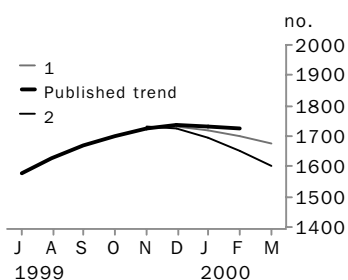
TREND REVISIONS

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.

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.

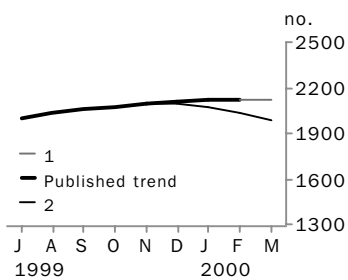
The graphs and tables which follow present the effect of two possible scenarios on the previous trend estimates: that the March seasonally adjusted estimate is higher than the February estimate by 6% for the number of private sector houses approved and 8% for total dwelling units approved; and that the March seasonally adjusted estimate is lower than the February 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 MONTH'S SEASONALLY ADJUSTED ESTIMATE: | | | |
|---------------|--------------------|----------|--|----------|--|----------|
| | no. | % change | 1 <i>rises by 6% on Feb 2000</i> | | 2 <i>falls by 6% on Feb 2000</i> | |
| | no. | % change | no. | % change | no. | % change |
| October 1999 | 1 702 | 2.0 | 1 707 | 2.1 | 1 713 | 2.3 |
| November 1999 | 1 725 | 1.4 | 1 727 | 1.2 | 1 730 | 1.0 |
| December 1999 | 1 736 | 0.6 | 1 732 | 0.3 | 1 724 | -0.4 |
| January 2000 | 1 733 | -0.2 | 1 721 | -0.6 | 1 694 | -1.7 |
| February 2000 | 1 723 | -0.6 | 1 700 | -1.2 | 1 649 | -2.7 |
| March 2000 | n.y.a. | n.y.a. | 1 676 | -1.4 | 1 599 | -3.0 |

TOTAL DWELLING UNITS



| | TREND AS PUBLISHED | | WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE: | | | |
|---------------|--------------------|----------|--|----------|--|----------|
| | no. | % change | 1 <i>rises by 8% on Feb 2000</i> | | 2 <i>falls by 8% on Feb 2000</i> | |
| | no. | % change | no. | % change | no. | % change |
| October 1999 | 2 076 | 0.8 | 2 077 | 0.8 | 2 088 | 1.1 |
| November 1999 | 2 093 | 0.8 | 2 092 | 0.7 | 2 098 | 0.5 |
| December 1999 | 2 107 | 0.7 | 2 108 | 0.8 | 2 094 | -0.2 |
| January 2000 | 2 116 | 0.4 | 2 118 | 0.5 | 2 070 | -1.1 |
| February 2000 | 2 117 | 0.0 | 2 123 | 0.2 | 2 032 | -1.8 |
| March 2000 | n.y.a. | n.y.a. | 2 122 | 0.0 | 1 986 | -2.3 |

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 | | | | | | |
| 1998 | | | | | | |
| December | 1 383 | 1 393 | 192 | 248 | 1 575 | 1 641 |
| 1999 | | | | | | |
| 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 | 296 | 332 | 1 858 | 1 938 |
| 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 |
| September | 1 595 | 1 609 | 317 | 454 | 1 912 | 2 063 |
| October | 1 633 | 1 646 | 144 | 173 | 1 777 | 1 819 |
| November | 1 993 | 2 012 | 371 | 377 | 2 364 | 2 389 |
| December | 1 679 | 1 701 | 202 | 275 | 1 881 | 1 976 |
| 2000 | | | | | | |
| January | 1 385 | 1 404 | 233 | 271 | 1 618 | 1 675 |
| February | 1 459 | 1 499 | 441 | 473 | 1 900 | 1 972 |
| SEASONALLY ADJUSTED | | | | | | |
| 1998 | | | | | | |
| December | 1 439 | 1 451 | n.a. | n.a. | 1 586 | 1 653 |
| 1999 | | | | | | |
| 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. | 1 646 | 1 700 |
| 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 |
| September | 1 534 | 1 549 | n.a. | n.a. | 1 816 | 2 077 |
| October | 1 641 | 1 668 | n.a. | n.a. | 1 827 | 1 894 |
| November | 1 921 | 1 943 | n.a. | n.a. | 2 229 | 2 260 |
| December | 1 701 | 1 728 | n.a. | n.a. | 1 906 | 2 026 |
| 2000 | | | | | | |
| January | 1 825 | 1 859 | n.a. | n.a. | 2 177 | 2 281 |
| February | 1 552 | 1 598 | n.a. | n.a. | 1 902 | 1 974 |
| TREND ESTIMATES | | | | | | |
| 1998 | | | | | | |
| December | 1 408 | 1 414 | 155 | 226 | 1 563 | 1 640 |
| 1999 | | | | | | |
| January | 1 419 | 1 424 | 166 | 237 | 1 586 | 1 662 |
| February | 1 425 | 1 435 | 191 | 258 | 1 615 | 1 692 |
| March | 1 436 | 1 451 | 225 | 285 | 1 661 | 1 735 |
| April | 1 459 | 1 481 | 264 | 317 | 1 723 | 1 797 |
| May | 1 493 | 1 519 | 299 | 354 | 1 792 | 1 873 |
| June | 1 533 | 1 561 | 320 | 384 | 1 853 | 1 945 |
| July | 1 577 | 1 604 | 319 | 394 | 1 895 | 1 997 |
| August | 1 624 | 1 647 | 301 | 387 | 1 926 | 2 035 |
| September | 1 668 | 1 688 | 280 | 370 | 1 948 | 2 059 |
| October | 1 702 | 1 722 | 266 | 353 | 1 968 | 2 076 |
| November | 1 725 | 1 750 | 265 | 343 | 1 990 | 2 093 |
| December | 1 736 | 1 766 | 276 | 342 | 2 012 | 2 107 |
| 2000 | | | | | | |
| January | 1 733 | 1 768 | 294 | 348 | 2 027 | 2 116 |
| February | 1 723 | 1 761 | 318 | 356 | 2 040 | 2 117 |

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) | | | | | | |
| 1998 | | | | | | |
| December | -0.9 | -0.8 | -0.5 | 1.2 | -0.8 | -0.5 |
| 1999 | | | | | | |
| 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 | 44.4 | 29.2 | 24.8 | 25.3 |
| April | -12.2 | -11.3 | -32.8 | -39.5 | -15.4 | -16.2 |
| 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 |
| September | -7.7 | -7.8 | 12.8 | 41.0 | -4.8 | -0.2 |
| October | 2.4 | 2.3 | -54.6 | -61.9 | -7.1 | -11.8 |
| November | 22.0 | 22.2 | 157.6 | 117.9 | 33.0 | 31.3 |
| December | -15.8 | -15.5 | -45.6 | -27.1 | -20.4 | -17.3 |
| 2000 | | | | | | |
| January | -17.5 | -17.5 | 15.3 | -1.5 | -14.0 | -15.2 |
| February | 5.3 | 6.8 | 89.3 | 74.5 | 17.4 | 17.7 |
| SEASONALLY ADJUSTED (% change from preceding month) | | | | | | |
| 1998 | | | | | | |
| December | 2.6 | 2.7 | n.a. | n.a. | -2.0 | -3.4 |
| 1999 | | | | | | |
| 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. | 2.2 | 1.3 |
| April | -0.2 | 0.7 | n.a. | n.a. | 1.7 | 1.5 |
| 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 |
| September | -6.5 | -6.7 | n.a. | n.a. | -6.1 | 2.5 |
| October | 7.0 | 7.7 | n.a. | n.a. | 0.6 | -8.8 |
| November | 17.1 | 16.5 | n.a. | n.a. | 22.0 | 19.3 |
| December | -11.4 | -11.1 | n.a. | n.a. | -14.5 | -10.4 |
| 2000 | | | | | | |
| January | 7.3 | 7.6 | n.a. | n.a. | 14.2 | 12.6 |
| February | -15.0 | -14.0 | n.a. | n.a. | -12.7 | -13.5 |
| TREND ESTIMATES (% change from preceding month) | | | | | | |
| 1998 | | | | | | |
| December | 1.3 | 0.9 | 1.3 | 1.3 | 1.3 | 0.9 |
| 1999 | | | | | | |
| January | 0.8 | 0.7 | 7.1 | 4.9 | 1.5 | 1.3 |
| February | 0.4 | 0.8 | 15.1 | 8.9 | 1.9 | 1.8 |
| March | 0.8 | 1.1 | 17.8 | 10.5 | 2.8 | 2.5 |
| April | 1.6 | 2.1 | 17.3 | 11.2 | 3.7 | 3.6 |
| May | 2.3 | 2.6 | 13.3 | 11.7 | 4.0 | 4.2 |
| June | 2.7 | 2.8 | 7.0 | 8.5 | 3.4 | 3.8 |
| July | 2.8 | 2.8 | -0.3 | 2.6 | 2.3 | 2.7 |
| August | 3.0 | 2.7 | -5.6 | -1.8 | 1.6 | 1.9 |
| September | 2.7 | 2.5 | -7.0 | -4.4 | 1.2 | 1.2 |
| October | 2.0 | 2.0 | -5.0 | -4.6 | 1.0 | 0.8 |
| November | 1.4 | 1.6 | -0.4 | -2.8 | 1.1 | 0.8 |
| December | 0.6 | 0.9 | 4.2 | -0.3 | 1.1 | 0.7 |
| 2000 | | | | | | |
| January | -0.2 | 0.1 | 6.5 | 1.8 | 0.7 | 0.4 |
| February | -0.6 | -0.4 | 8.2 | 2.3 | 0.7 | 0.0 |

VALUE OF BUILDING APPROVED

| Month | New residential building \$m | Alterations and additions to residential buildings(a) \$m | Total residential building \$m | Non-residential building \$m | Total building \$m |
|---------------------|---------------------------------|--|-----------------------------------|---------------------------------|-----------------------|
| ORIGINAL | | | | | |
| 1998 | | | | | |
| December | 180.1 | 19.3 | 199.4 | 79.5 | 278.8 |
| 1999 | | | | | |
| January | 148.3 | 19.6 | 167.9 | 197.1 | 365.0 |
| February | 169.5 | 18.2 | 187.8 | 156.3 | 344.0 |
| March | 198.9 | 26.1 | 225.0 | 93.5 | 318.5 |
| April | 174.9 | 18.4 | 193.3 | 71.3 | 264.6 |
| May | 203.6 | 17.8 | 221.4 | 65.4 | 286.9 |
| June | 250.0 | 16.1 | 266.1 | 73.4 | 339.5 |
| July | 226.7 | 24.9 | 251.6 | 102.6 | 354.2 |
| August | 217.8 | 24.2 | 242.0 | 112.8 | 354.7 |
| September | 226.2 | 17.9 | 244.1 | 133.3 | 377.3 |
| October | 206.2 | 18.9 | 225.1 | 135.3 | 360.4 |
| November | 269.8 | 25.4 | 295.2 | 95.1 | 390.3 |
| December | 219.6 | 17.6 | 237.2 | 61.3 | 298.5 |
| 2000 | | | | | |
| January | 195.2 | 16.6 | 211.8 | 57.3 | 269.2 |
| February | 269.1 | 20.2 | 289.3 | 63.8 | 353.1 |
| SEASONALLY ADJUSTED | | | | | |
| 1998 | | | | | |
| December | 183.1 | 19.2 | 202.3 | n.a. | 295.1 |
| 1999 | | | | | |
| January | 180.1 | 20.9 | 201.0 | n.a. | 457.0 |
| February | 180.5 | 19.8 | 200.3 | n.a. | 368.4 |
| March | 175.1 | 21.4 | 196.5 | n.a. | 291.5 |
| April | 175.4 | 22.5 | 197.9 | n.a. | 286.4 |
| May | 199.2 | 17.8 | 217.0 | n.a. | 247.5 |
| June | 216.7 | 17.0 | 233.7 | n.a. | 342.0 |
| July | 229.3 | 24.9 | 254.2 | n.a. | 341.1 |
| August | 217.5 | 25.0 | 242.4 | n.a. | 343.5 |
| September | 225.3 | 17.3 | 242.6 | n.a. | 395.9 |
| October | 217.8 | 17.0 | 234.8 | n.a. | 343.0 |
| November | 260.8 | 24.9 | 285.7 | n.a. | 362.7 |
| December | 226.2 | 16.9 | 243.1 | n.a. | 319.9 |
| 2000 | | | | | |
| January | 251.3 | 17.9 | 269.2 | n.a. | 355.7 |
| February | 264.4 | 21.6 | 286.0 | n.a. | 355.0 |
| TREND ESTIMATES | | | | | |
| 1998 | | | | | |
| December | 178.2 | 19.2 | 197.4 | 95.3 | 292.7 |
| 1999 | | | | | |
| January | 178.1 | 20.0 | 198.1 | 100.9 | 299.0 |
| February | 179.0 | 20.3 | 199.3 | 98.9 | 298.2 |
| March | 182.2 | 20.4 | 202.7 | 90.7 | 293.4 |
| April | 188.6 | 20.6 | 209.1 | 82.7 | 291.8 |
| May | 197.7 | 20.7 | 218.4 | 80.1 | 298.5 |
| June | 207.8 | 20.8 | 228.6 | 85.7 | 314.3 |
| July | 216.7 | 21.0 | 237.7 | 96.6 | 334.3 |
| August | 223.3 | 21.0 | 244.3 | 106.7 | 350.9 |
| September | 227.8 | 20.7 | 248.5 | 110.0 | 358.5 |
| October | 231.9 | 20.2 | 252.1 | 106.1 | 358.2 |
| November | 237.1 | 19.7 | 256.8 | 96.7 | 353.6 |
| December | 243.5 | 19.4 | 262.9 | 87.0 | 349.8 |
| 2000 | | | | | |
| January | 249.8 | 19.3 | 269.0 | 78.8 | 347.8 |
| February | 256.0 | 19.4 | 275.5 | 70.6 | 346.1 |

(a) Refer to Explanatory Notes paragraph 12.

VALUE OF BUILDING APPROVED, Percentage Change

| Month | New residential building | Alterations and additions to residential buildings(a) | Total residential building | Non-residential building | Total building |
|---|--------------------------|---|----------------------------|--------------------------|----------------|
| ORIGINAL (% change from preceding month) | | | | | |
| 1998 | | | | | |
| December | 1.2 | 10.7 | 2.0 | 3.2 | 2.4 |
| 1999 | | | | | |
| January | -17.7 | 1.9 | -15.8 | 148.0 | 30.9 |
| February | 14.3 | -7.1 | 11.8 | -20.7 | -5.7 |
| March | 17.3 | 43.0 | 19.8 | -40.2 | -7.4 |
| April | -12.1 | -29.4 | -14.1 | -23.8 | -16.9 |
| May | 16.4 | -3.3 | 14.5 | -8.2 | 8.4 |
| June | 22.8 | -9.6 | 20.2 | 12.2 | 18.4 |
| July | -9.3 | 54.5 | -5.4 | 39.7 | 4.3 |
| August | -3.9 | -2.8 | -3.8 | 9.9 | 0.2 |
| September | 3.8 | -25.8 | 0.9 | 18.2 | 6.4 |
| October | -8.8 | 5.2 | -7.8 | 1.5 | -4.5 |
| November | 30.8 | 34.4 | 31.1 | -29.7 | 8.3 |
| December | -18.6 | -30.8 | -19.7 | -35.5 | -23.5 |
| 2000 | | | | | |
| January | -11.1 | -5.2 | -10.7 | -6.5 | -9.8 |
| February | 37.9 | 21.2 | 36.6 | 11.3 | 31.2 |
| SEASONALLY ADJUSTED (% change from preceding month) | | | | | |
| 1998 | | | | | |
| December | -1.7 | 11.9 | -0.5 | n.a. | 9.0 |
| 1999 | | | | | |
| January | -1.7 | 8.8 | -0.7 | n.a. | 54.9 |
| February | 0.3 | -5.4 | -0.3 | n.a. | -19.4 |
| March | -3.0 | 7.9 | -1.9 | n.a. | -20.9 |
| April | 0.2 | 5.4 | 0.7 | n.a. | -1.8 |
| May | 13.5 | -20.9 | 9.6 | n.a. | -13.6 |
| June | 8.8 | -4.5 | 7.7 | n.a. | 38.2 |
| July | 5.8 | 46.7 | 8.8 | n.a. | -0.2 |
| August | -5.2 | 0.2 | -4.6 | n.a. | 0.7 |
| September | 3.6 | -30.7 | 0.1 | n.a. | 15.3 |
| October | -3.4 | -1.8 | -3.3 | n.a. | -13.4 |
| November | 19.8 | 46.7 | 21.7 | n.a. | 5.7 |
| December | -13.3 | -32.3 | -14.9 | n.a. | -11.8 |
| 2000 | | | | | |
| January | 11.1 | 6.2 | 10.7 | n.a. | 11.2 |
| February | 5.2 | 20.8 | 6.2 | n.a. | -0.2 |
| TREND ESTIMATES (% change from preceding month) | | | | | |
| 1998 | | | | | |
| December | 0.2 | 5.7 | 0.7 | 12.7 | 4.3 |
| 1999 | | | | | |
| January | 0.0 | 4.1 | 0.4 | 5.9 | 2.2 |
| February | 0.5 | 1.7 | 0.6 | -2.0 | -0.3 |
| March | 1.8 | 0.6 | 1.7 | -8.2 | -1.6 |
| April | 3.5 | 0.7 | 3.2 | -8.9 | -0.5 |
| May | 4.9 | 0.4 | 4.4 | -3.1 | 2.3 |
| June | 5.1 | 0.6 | 4.7 | 7.0 | 5.3 |
| July | 4.3 | 0.8 | 4.0 | 12.7 | 6.4 |
| August | 3.0 | -0.1 | 2.8 | 10.4 | 5.0 |
| September | 2.0 | -1.3 | 1.7 | 3.1 | 2.2 |
| October | 1.8 | -2.2 | 1.4 | -3.6 | -0.1 |
| November | 2.3 | -2.6 | 1.9 | -8.8 | -1.3 |
| December | 2.7 | -1.6 | 2.4 | -10.1 | -1.0 |
| 2000 | | | | | |
| January | 2.6 | -0.7 | 2.3 | -9.4 | -0.6 |
| February | 2.5 | 0.9 | 2.4 | -10.3 | -0.5 |

(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) | | | | | | |
| 1996-1997 | 13 067 | 1 682 | 56 | 3 | 32 | 14 840 |
| 1997-1998 | 14 960 | 2 026 | 45 | 21 | 40 | 17 092 |
| 1998-1999 | 16 957 | 2 313 | 31 | 101 | 36 | 19 438 |
| 1999 | | | | | | |
| February | 1 284 | 201 | 3 | 0 | 1 | 1 489 |
| March | 1 562 | 218 | 1 | 77 | 0 | 1 858 |
| 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 |
| September | 1 595 | 312 | 1 | 0 | 4 | 1 912 |
| October | 1 630 | 141 | 5 | 0 | 1 | 1 777 |
| November | 1 990 | 363 | 8 | 0 | 3 | 2 364 |
| December | 1 679 | 166 | 14 | 7 | 15 | 1 881 |
| 2000 | | | | | | |
| January | 1 384 | 227 | 3 | 0 | 4 | 1 618 |
| February | 1 458 | 420 | 14 | 8 | 0 | 1 900 |
| PUBLIC SECTOR (Number) | | | | | | |
| 1996-1997 | 565 | 331 | 6 | 0 | 0 | 902 |
| 1997-1998 | 868 | 500 | 0 | 0 | 0 | 1 368 |
| 1998-1999 | 442 | 636 | 7 | 0 | 0 | 1 085 |
| 1999 | | | | | | |
| 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 |
| September | 14 | 137 | 0 | 0 | 0 | 151 |
| October | 13 | 29 | 0 | 0 | 0 | 42 |
| November | 19 | 2 | 4 | 0 | 0 | 25 |
| December | 22 | 68 | 1 | 0 | 4 | 95 |
| 2000 | | | | | | |
| January | 19 | 22 | 16 | 0 | 0 | 57 |
| February | 40 | 32 | 0 | 0 | 0 | 72 |
| TOTAL (Number) | | | | | | |
| 1996-1997 | 13 632 | 2 013 | 62 | 3 | 32 | 15 742 |
| 1997-1998 | 15 828 | 2 526 | 45 | 21 | 40 | 18 460 |
| 1998-1999 | 17 399 | 2 949 | 38 | 101 | 36 | 20 523 |
| 1999 | | | | | | |
| February | 1 290 | 253 | 3 | 0 | 1 | 1 547 |
| March | 1 606 | 254 | 1 | 77 | 0 | 1 938 |
| 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 |
| September | 1 609 | 449 | 1 | 0 | 4 | 2 063 |
| October | 1 643 | 170 | 5 | 0 | 1 | 1 819 |
| November | 2 009 | 365 | 12 | 0 | 3 | 2 389 |
| December | 1 701 | 234 | 15 | 7 | 19 | 1 976 |
| 2000 | | | | | | |
| January | 1 403 | 249 | 19 | 0 | 4 | 1 675 |
| February | 1 498 | 452 | 14 | 8 | 0 | 1 972 |

(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) | | | | | | | | |
| 1996-1997 | 1 294.1 | 154.0 | 4.8 | 163.9 | 0.1 | 1 616.6 | 773.9 | 2 390.9 |
| 1997-1998 | 1 561.5 | 189.6 | 2.4 | 182.5 | 0.9 | 1 936.9 | 706.7 | 2 643.5 |
| 1998-1999 | 1 851.4 | 253.1 | 1.8 | 206.6 | 8.7 | 2 321.8 | 896.2 | 3 218.1 |
| 1999 | | | | | | | | |
| February | 140.0 | 25.6 | 0.1 | 18.0 | 0.0 | 183.8 | 121.3 | 305.1 |
| March | 172.2 | 19.5 | 0.0 | 18.4 | 7.1 | 217.3 | 81.6 | 298.9 |
| 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 | 56.3 | 295.4 |
| 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 |
| September | 182.0 | 30.5 | 0.1 | 17.8 | 0.0 | 230.4 | 58.7 | 289.1 |
| October | 187.4 | 15.3 | 0.6 | 17.9 | 0.0 | 221.1 | 69.8 | 291.0 |
| November | 233.1 | 33.9 | 0.7 | 24.1 | 0.0 | 291.9 | 48.1 | 340.0 |
| December | 194.5 | 17.6 | 1.5 | 14.6 | 1.3 | 229.4 | 43.9 | 273.3 |
| 2000 | | | | | | | | |
| January | 167.6 | 24.2 | 0.2 | 16.0 | 0.0 | 207.9 | 38.6 | 246.6 |
| February | 164.2 | 97.7 | 1.2 | 18.1 | 0.7 | 282.1 | 54.3 | 336.3 |
| PUBLIC SECTOR (\$ million) | | | | | | | | |
| 1996-1997 | 54.9 | 21.7 | 0.1 | 4.0 | 0.0 | 80.5 | 430.0 | 510.7 |
| 1997-1998 | 72.9 | 32.5 | 0.0 | 1.7 | 0.0 | 107.4 | 193.3 | 300.3 |
| 1998-1999 | 46.8 | 44.8 | 0.4 | 5.4 | 0.0 | 97.5 | 210.7 | 308.5 |
| 1999 | | | | | | | | |
| 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 | 12.0 | 19.6 |
| April | 6.2 | 0.3 | 0.0 | 1.5 | 0.0 | 7.9 | 9.2 | 17.1 |
| May | 5.7 | 6.2 | 0.0 | 0.3 | 0.0 | 12.2 | 16.9 | 29.1 |
| 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 | 45.4 | 46.5 |
| August | 1.8 | 1.8 | 0.4 | 1.0 | 0.0 | 5.0 | 51.7 | 56.7 |
| September | 1.2 | 12.5 | 0.0 | 0.0 | 0.0 | 13.7 | 74.6 | 88.2 |
| October | 1.4 | 2.1 | 0.0 | 0.4 | 0.0 | 4.0 | 65.4 | 69.4 |
| November | 2.2 | 0.6 | 0.2 | 0.4 | 0.0 | 3.3 | 46.9 | 50.3 |
| December | 2.1 | 5.4 | 0.1 | 0.1 | 0.0 | 7.8 | 17.5 | 25.2 |
| 2000 | | | | | | | | |
| January | 2.0 | 1.4 | 0.5 | 0.0 | 0.0 | 3.9 | 18.7 | 22.6 |
| February | 3.7 | 3.5 | 0.0 | 0.1 | 0.0 | 7.2 | 9.5 | 16.7 |
| TOTAL (\$ million) | | | | | | | | |
| 1996-1997 | 1 348.9 | 175.8 | 4.9 | 167.7 | 0.1 | 1 697.3 | 1 204.5 | 2 901.8 |
| 1997-1998 | 1 634.2 | 222.0 | 2.4 | 184.3 | 0.9 | 2 043.9 | 899.8 | 2 943.8 |
| 1998-1999 | 1 898.5 | 298.3 | 2.3 | 212.2 | 8.7 | 2 419.7 | 1 106.9 | 3 526.6 |
| 1999 | | | | | | | | |
| February | 140.7 | 28.9 | 0.1 | 18.1 | 0.0 | 187.8 | 156.3 | 344.0 |
| March | 176.3 | 22.6 | 0.0 | 19.0 | 7.1 | 225.0 | 93.5 | 318.5 |
| April | 154.5 | 20.4 | 0.0 | 18.4 | 0.0 | 193.3 | 71.3 | 264.6 |
| May | 177.0 | 26.7 | 0.1 | 17.6 | 0.1 | 221.4 | 65.4 | 286.9 |
| June | 203.8 | 46.2 | 0.4 | 15.7 | 0.0 | 266.1 | 73.4 | 339.5 |
| July | 183.8 | 42.9 | 0.8 | 24.0 | 0.1 | 251.6 | 102.6 | 354.2 |
| August | 191.0 | 26.8 | 0.6 | 17.1 | 6.5 | 242.0 | 112.8 | 354.7 |
| September | 183.2 | 43.0 | 0.1 | 17.8 | 0.0 | 244.1 | 133.3 | 377.3 |
| October | 188.9 | 17.4 | 0.6 | 18.3 | 0.0 | 225.1 | 135.3 | 360.4 |
| November | 235.4 | 34.4 | 0.9 | 24.5 | 0.0 | 295.2 | 95.1 | 390.3 |
| December | 196.6 | 23.0 | 1.6 | 14.7 | 1.3 | 237.2 | 61.3 | 298.5 |
| 2000 | | | | | | | | |
| January | 169.6 | 25.6 | 0.7 | 16.0 | 0.0 | 211.8 | 57.3 | 269.2 |
| February | 167.9 | 101.2 | 1.2 | 18.2 | 0.7 | 289.3 | 63.8 | 353.1 |

(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 | | | | | | | | | | |
| 1996-1997 | 13 632 | 1 179 | 376 | 1 555 | 75 | 194 | 189 | 458 | 2 013 | 15 645 |
| 1997-1998 | 15 828 | 1 672 | 324 | 1 996 | 166 | 95 | 269 | 530 | 2 526 | 18 354 |
| 1998-1999 | 17 399 | 1 536 | 692 | 2 228 | 58 | 157 | 506 | 721 | 2 949 | 20 348 |
| 1998 | | | | | | | | | | |
| December | 1 391 | 134 | 67 | 201 | 0 | 0 | 30 | 30 | 231 | 1 622 |
| 1999 | | | | | | | | | | |
| 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 | 27 | 27 | 254 | 1 860 |
| 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 |
| September | 1 609 | 297 | 64 | 361 | 25 | 8 | 55 | 88 | 449 | 2 058 |
| October | 1 643 | 112 | 52 | 164 | 0 | 6 | 0 | 6 | 170 | 1 813 |
| November | 2 009 | 146 | 51 | 197 | 137 | 20 | 11 | 168 | 365 | 2 374 |
| December | 1 701 | 166 | 39 | 205 | 16 | 0 | 13 | 29 | 234 | 1 935 |
| 2000 | | | | | | | | | | |
| January | 1 403 | 100 | 48 | 148 | 52 | 5 | 44 | 101 | 249 | 1 652 |
| February | 1 498 | 109 | 41 | 150 | 19 | 25 | 258 | 302 | 452 | 1 950 |
| VALUE (\$ million) | | | | | | | | | | |
| 1996-1997 | 1 349.0 | 86.5 | 31.9 | 118.4 | 7.5 | 17.9 | 31.9 | 57.3 | 175.7 | 1 524.6 |
| 1997-1998 | 1 634.3 | 117.3 | 31.4 | 148.7 | 13.5 | 10.7 | 49.2 | 73.4 | 222.1 | 1 856.4 |
| 1998-1999 | 1 898.4 | 107.7 | 82.1 | 189.8 | 5.7 | 13.7 | 89.0 | 108.4 | 298.2 | 2 196.6 |
| 1998 | | | | | | | | | | |
| December | 155.4 | 9.8 | 8.7 | 18.5 | 0.0 | 0.0 | 6.2 | 6.2 | 24.7 | 180.1 |
| 1999 | | | | | | | | | | |
| 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 | 5.5 | 5.5 | 22.6 | 198.9 |
| 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 |
| September | 183.2 | 25.8 | 6.8 | 32.6 | 1.6 | 1.0 | 7.8 | 10.4 | 43.0 | 226.2 |
| October | 188.9 | 8.9 | 7.2 | 16.1 | 0.0 | 1.3 | 0.0 | 1.3 | 17.4 | 206.2 |
| November | 235.4 | 11.2 | 6.1 | 17.4 | 13.5 | 1.6 | 2.0 | 17.1 | 34.4 | 269.8 |
| December | 196.6 | 12.9 | 4.2 | 17.1 | 1.2 | 0.0 | 4.7 | 5.9 | 23.0 | 219.6 |
| 2000 | | | | | | | | | | |
| January | 169.6 | 7.5 | 5.6 | 13.0 | 5.1 | 1.7 | 5.8 | 12.6 | 25.6 | 195.2 |
| February | 167.9 | 9.6 | 5.4 | 15.1 | 2.5 | 3.6 | 80.0 | 86.1 | 101.2 | 269.1 |

(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) | | | | | | | |
| 1996-1997 | 1 352.6 | 178.2 | 1 530.8 | 173.0 | 1 703.9 | 1 224.2 | 2 924.0 |
| 1997-1998 | 1 634.3 | 222.1 | 1 856.4 | 187.6 | 2 044.0 | 899.8 | 2 943.8 |
| 1998-1999 | 1 834.2 | 295.0 | 2 129.1 | 215.5 | 2 344.6 | 1 086.0 | 3 430.7 |
| 1998 | | | | | | | |
| September | 444.6 | 64.1 | 508.7 | 49.3 | 557.9 | 199.4 | 757.3 |
| December | 451.0 | 68.0 | 518.9 | 54.8 | 573.7 | 245.3 | 819.1 |
| 1999 | | | | | | | |
| March | 426.6 | 71.5 | 498.2 | 61.4 | 559.6 | 437.3 | 996.9 |
| June | 512.0 | 91.4 | 603.4 | 50.1 | 653.4 | 204.0 | 857.4 |
| September | 527.6 | 109.5 | 637.1 | 63.3 | 700.4 | 335.2 | 1 035.5 |
| December | 566.0 | 72.1 | 638.1 | 56.3 | 694.4 | 277.9 | 972.3 |
| ORIGINAL (% change from preceding quarter) | | | | | | | |
| 1998 | | | | | | | |
| September | -6.5 | -21.0 | -8.6 | 15.7 | -6.8 | -8.7 | -7.4 |
| December | 1.4 | 6.1 | 2.0 | 11.2 | 2.8 | 23.1 | 8.2 |
| 1999 | | | | | | | |
| March | -5.4 | 5.2 | -4.0 | 12.2 | -2.5 | 78.2 | 21.7 |
| June | 20.0 | 27.8 | 21.1 | -18.5 | 16.8 | -53.4 | -14.0 |
| September | 3.1 | 19.8 | 5.6 | 26.5 | 7.2 | 64.3 | 20.8 |
| December | 7.3 | -34.2 | 0.2 | -11.0 | -0.9 | -17.1 | -6.1 |

(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> | |
|-------------------------------|--|------------|-------------------|------------|-----------------------|------------|---------------------|------------|-------------------------------------|------------|--------------------|------------|
| | <i>no.</i> | <i>\$m</i> | <i>no.</i> | <i>\$m</i> | <i>no.</i> | <i>\$m</i> | <i>no.</i> | <i>\$m</i> | <i>no.</i> | <i>\$m</i> | <i>no.</i> | <i>\$m</i> |
| Value—\$50,000—\$199,999 | | | | | | | | | | | | |
| 1999 | | | | | | | | | | | | |
| December | 1 | 0.1 | 15 | 1.3 | 7 | 0.7 | 10 | 1.1 | 7 | 0.8 | 6 | 0.7 |
| 2000 | | | | | | | | | | | | |
| January | 3 | 0.3 | 15 | 1.2 | 20 | 2.2 | 14 | 1.2 | 14 | 1.4 | 7 | 0.9 |
| February | 5 | 0.5 | 25 | 2.2 | 17 | 2.2 | 17 | 1.5 | 9 | 0.9 | 3 | 0.3 |
| Value—\$200,000—\$499,999 | | | | | | | | | | | | |
| 1999 | | | | | | | | | | | | |
| December | 1 | 0.3 | 7 | 2.5 | 3 | 0.8 | 3 | 0.7 | 2 | 0.7 | 5 | 1.3 |
| 2000 | | | | | | | | | | | | |
| January | 2 | 0.4 | 9 | 2.7 | 7 | 1.9 | 3 | 1.0 | 7 | 2.3 | 3 | 0.8 |
| February | 3 | 1.1 | 2 | 0.7 | 9 | 2.8 | 11 | 2.9 | 14 | 4.4 | 3 | 1.0 |
| Value—\$500,000—\$999,999 | | | | | | | | | | | | |
| 1999 | | | | | | | | | | | | |
| December | 0 | 0.0 | 4 | 2.7 | 1 | 0.8 | 4 | 3.3 | 2 | 1.5 | 5 | 3.4 |
| 2000 | | | | | | | | | | | | |
| January | 0 | 0.0 | 4 | 2.5 | 1 | 0.5 | 6 | 3.7 | 1 | 0.7 | 0 | 0.0 |
| February | 0 | 0.0 | 3 | 2.6 | 5 | 2.9 | 2 | 1.5 | 2 | 1.7 | 0 | 0.0 |
| Value—\$1,000,000—\$4,999,999 | | | | | | | | | | | | |
| 1999 | | | | | | | | | | | | |
| December | 2 | 3.6 | 2 | 4.9 | 1 | 1.6 | 2 | 2.8 | 2 | 3.9 | 0 | 0.0 |
| 2000 | | | | | | | | | | | | |
| January | 2 | 4.2 | 0 | 0.0 | 0 | 0.0 | 2 | 2.9 | 0 | 0.0 | 1 | 4.2 |
| February | 1 | 1.8 | 2 | 2.5 | 2 | 4.3 | 0 | 0.0 | 1 | 2.8 | 1 | 4.4 |
| Value—\$5,000,000 and over | | | | | | | | | | | | |
| 1999 | | | | | | | | | | | | |
| December | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 7.4 |
| 2000 | | | | | | | | | | | | |
| January | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 6.0 | 0 | 0.0 |
| February | 0 | 0.0 | 1 | 7.7 | 0 | 0.0 | 1 | 5.6 | 0 | 0.0 | 0 | 0.0 |
| Value—Total | | | | | | | | | | | | |
| 1996-1997 | 91 | 75.4 | 408 | 164.2 | 319 | 102.6 | 314 | 156.4 | 402 | 160.4 | 120 | 152.0 |
| 1997-1998 | 99 | 53.1 | 445 | 186.0 | 287 | 88.4 | 283 | 123.5 | 398 | 150.0 | 128 | 114.7 |
| 1998-1999 | 90 | 52.4 | 486 | 366.4 | 270 | 89.7 | 274 | 93.9 | 396 | 146.6 | 124 | 119.6 |
| 1999 | | | | | | | | | | | | |
| December | 4 | 3.9 | 28 | 11.4 | 12 | 3.8 | 19 | 7.8 | 13 | 6.9 | 17 | 12.8 |
| 2000 | | | | | | | | | | | | |
| January | 7 | 4.9 | 28 | 6.5 | 28 | 4.6 | 25 | 8.8 | 23 | 10.4 | 11 | 5.9 |
| February | 9 | 3.5 | 33 | 15.6 | 33 | 12.1 | 31 | 11.4 | 26 | 9.8 | 7 | 5.7 |

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 | | | | | | | | | | |
| 1999 | | | | | | | | | | |
| December | 2 | 0.2 | 3 | 0.4 | 3 | 0.2 | 5 | 0.5 | 59 | 5.9 |
| 2000 | | | | | | | | | | |
| January | 0 | 0.0 | 0 | 0.0 | 1 | 0.1 | 1 | 0.2 | 75 | 7.4 |
| February | 2 | 0.3 | 3 | 0.3 | 2 | 0.3 | 9 | 0.9 | 92 | 9.3 |
| Value—\$200,000–\$499,999 | | | | | | | | | | |
| 1999 | | | | | | | | | | |
| December | 1 | 0.4 | 1 | 0.4 | 2 | 0.9 | 2 | 0.5 | 27 | 8.5 |
| 2000 | | | | | | | | | | |
| January | 0 | 0.0 | 2 | 0.6 | 2 | 0.6 | 0 | 0.0 | 35 | 10.4 |
| February | 0 | 0.0 | 0 | 0.0 | 5 | 1.8 | 2 | 0.5 | 49 | 15.3 |
| Value—\$500,000–\$999,999 | | | | | | | | | | |
| 1999 | | | | | | | | | | |
| December | 2 | 1.3 | 1 | 1.0 | 0 | 0.0 | 2 | 1.4 | 21 | 15.4 |
| 2000 | | | | | | | | | | |
| January | 0 | 0.0 | 3 | 2.1 | 0 | 0.0 | 0 | 0.0 | 15 | 9.5 |
| February | 0 | 0.0 | 1 | 0.5 | 1 | 1.0 | 0 | 0.0 | 14 | 10.1 |
| Value—\$1,000,000–\$4,999,999 | | | | | | | | | | |
| 1999 | | | | | | | | | | |
| December | 1 | 1.3 | 1 | 1.6 | 0 | 0.0 | 4 | 4.5 | 15 | 24.1 |
| 2000 | | | | | | | | | | |
| January | 0 | 0.0 | 3 | 10.2 | 1 | 2.6 | 0 | 0.0 | 9 | 24.1 |
| February | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 7 | 15.8 |
| Value—\$5,000,000 and over | | | | | | | | | | |
| 1999 | | | | | | | | | | |
| December | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 7.4 |
| 2000 | | | | | | | | | | |
| January | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 6.0 |
| February | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 2 | 13.3 |
| Value—Total | | | | | | | | | | |
| 1996-1997 | 20 | 5.4 | 69 | 214.5 | 98 | 92.2 | 117 | 81.3 | 1 958 | 1 204.4 |
| 1997-1998 | 27 | 8.7 | 56 | 72.5 | 86 | 65.3 | 92 | 37.6 | 1 901 | 899.8 |
| 1998-1999 | 15 | 9.1 | 68 | 52.7 | 85 | 106.1 | 92 | 70.5 | 1 900 | 1 106.8 |
| 1999 | | | | | | | | | | |
| December | 6 | 3.2 | 6 | 3.4 | 5 | 1.1 | 13 | 6.9 | 123 | 61.3 |
| 2000 | | | | | | | | | | |
| January | 0 | 0.0 | 8 | 12.9 | 4 | 3.3 | 1 | 0.2 | 135 | 57.3 |
| February | 2 | 0.3 | 4 | 0.9 | 8 | 3.1 | 11 | 1.5 | 164 | 63.8 |

VALUE OF NON-RESIDENTIAL BUILDINGS APPROVED

| Period | Hotels, motels and other short term accom- modation | Shops | Factories | Offices | Other business premises | Educational | Religious | Health | Entertain- ment and recreational | Miscell- aneous | Total non- residential building |
|-----------------------------|--|-------|-----------|---------|-------------------------------|-------------|-----------|--------|--|--------------------|---------------------------------------|
| PRIVATE SECTOR (\$ million) | | | | | | | | | | | |
| 1996-1997 | 75.5 | 162.8 | 96.2 | 117.2 | 113.7 | 38.8 | 5.3 | 96.1 | 36.6 | 32.5 | 773.9 |
| 1997-1998 | 51.7 | 185.4 | 86.4 | 81.6 | 142.0 | 32.0 | 8.7 | 58.4 | 39.4 | 21.1 | 706.7 |
| 1998-1999 | 51.8 | 363.5 | 86.2 | 70.2 | 138.8 | 51.5 | 9.0 | 32.2 | 75.7 | 17.0 | 896.2 |
| 1999 | | | | | | | | | | | |
| February | 3.1 | 85.2 | 6.6 | 8.1 | 11.8 | 1.2 | 0.0 | 1.7 | 2.3 | 1.3 | 121.3 |
| March | 5.0 | 29.1 | 8.0 | 5.0 | 13.4 | 3.9 | 0.7 | 2.4 | 11.8 | 2.3 | 81.6 |
| April | 3.0 | 16.5 | 8.5 | 3.5 | 17.6 | 5.7 | 0.0 | 4.7 | 1.0 | 1.5 | 62.1 |
| May | 1.2 | 10.8 | 4.3 | 11.0 | 11.9 | 1.5 | 0.6 | 1.6 | 4.3 | 1.3 | 48.5 |
| June | 3.6 | 17.9 | 5.7 | 2.2 | 7.5 | 4.4 | 6.3 | 7.0 | 1.0 | 0.7 | 56.3 |
| July | 8.7 | 14.6 | 4.6 | 7.0 | 12.6 | 4.2 | 0.5 | 1.4 | 0.3 | 3.5 | 57.2 |
| August | 0.5 | 20.9 | 10.2 | 3.9 | 12.1 | 2.5 | 1.4 | 2.1 | 5.5 | 1.9 | 61.1 |
| September | 9.0 | 10.2 | 7.7 | 1.8 | 4.3 | 7.5 | 1.5 | 12.2 | 1.7 | 2.7 | 58.7 |
| October | 1.3 | 13.0 | 16.2 | 5.4 | 9.2 | 10.5 | 2.1 | 7.7 | 1.0 | 3.3 | 69.8 |
| November | 1.0 | 9.9 | 7.3 | 6.4 | 10.0 | 3.8 | 1.4 | 1.7 | 6.0 | 0.6 | 48.1 |
| December | 3.9 | 11.4 | 3.8 | 7.1 | 6.9 | 2.5 | 3.2 | 1.8 | 0.5 | 2.7 | 43.9 |
| 2000 | | | | | | | | | | | |
| January | 4.9 | 6.5 | 4.6 | 6.9 | 10.0 | 1.1 | 0.0 | 4.5 | 0.1 | 0.2 | 38.6 |
| February | 3.5 | 14.6 | 12.1 | 11.0 | 9.8 | 1.1 | 0.3 | 0.3 | 1.1 | 0.7 | 54.3 |
| PUBLIC SECTOR (\$ million) | | | | | | | | | | | |
| 1996-1997 | 0.0 | 1.6 | 6.5 | 39.2 | 46.8 | 113.1 | 0.2 | 118.4 | 55.7 | 48.7 | 430.0 |
| 1997-1998 | 1.4 | 0.7 | 2.1 | 41.7 | 8.0 | 82.7 | 0.0 | 14.1 | 25.9 | 16.7 | 193.3 |
| 1998-1999 | 0.6 | 2.9 | 3.5 | 23.7 | 7.8 | 68.3 | 0.0 | 20.4 | 30.4 | 53.4 | 210.7 |
| 1999 | | | | | | | | | | | |
| February | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 | 5.0 | 0.0 | 1.2 | 20.8 | 3.4 | 34.9 |
| March | 0.0 | 0.2 | 0.0 | 0.9 | 0.0 | 7.2 | 0.0 | 0.0 | 0.1 | 3.7 | 12.0 |
| April | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 8.8 | 9.2 |
| May | 0.0 | 0.2 | 0.0 | 0.3 | 0.3 | 9.4 | 0.0 | 0.0 | 5.9 | 0.8 | 16.9 |
| June | 0.0 | 0.5 | 0.0 | 0.1 | 0.8 | 0.0 | 0.0 | 0.0 | 0.9 | 14.9 | 17.2 |
| July | 0.1 | 0.0 | 0.0 | 3.6 | 0.2 | 26.6 | 0.0 | 0.0 | 0.0 | 14.9 | 45.4 |
| August | 0.0 | 0.8 | 0.0 | 0.9 | 0.0 | 34.7 | 0.0 | 0.5 | 1.5 | 13.2 | 51.7 |
| September | 0.0 | 0.0 | 0.0 | 1.8 | 0.0 | 59.1 | 0.0 | 0.8 | 0.1 | 12.8 | 74.6 |
| October | 0.0 | 0.0 | 2.7 | 16.2 | 0.1 | 36.2 | 0.0 | 1.7 | 0.3 | 8.2 | 65.4 |
| November | 0.5 | 0.0 | 0.5 | 0.6 | 2.2 | 32.1 | 0.0 | 2.4 | 5.5 | 3.1 | 46.9 |
| December | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 10.3 | 0.0 | 1.6 | 0.6 | 4.2 | 17.5 |
| 2000 | | | | | | | | | | | |
| January | 0.0 | 0.0 | 0.0 | 1.9 | 0.4 | 4.8 | 0.0 | 8.4 | 3.2 | 0.0 | 18.7 |
| February | 0.0 | 1.1 | 0.1 | 0.4 | 0.0 | 4.6 | 0.0 | 0.5 | 2.0 | 0.8 | 9.5 |
| TOTAL (\$ million) | | | | | | | | | | | |
| 1996-1997 | 75.5 | 164.3 | 102.8 | 156.4 | 160.3 | 151.9 | 5.5 | 214.5 | 92.3 | 81.3 | 1 204.5 |
| 1997-1998 | 53.1 | 186.0 | 88.6 | 123.5 | 149.9 | 114.6 | 8.7 | 72.5 | 65.1 | 37.6 | 899.8 |
| 1998-1999 | 52.4 | 366.3 | 89.7 | 93.8 | 146.6 | 119.7 | 9.0 | 52.6 | 106.0 | 70.3 | 1 106.9 |
| 1999 | | | | | | | | | | | |
| February | 3.1 | 85.2 | 6.6 | 8.1 | 16.3 | 6.2 | 0.0 | 2.9 | 23.1 | 4.7 | 156.3 |
| March | 5.0 | 29.2 | 8.0 | 5.9 | 13.4 | 11.0 | 0.7 | 2.4 | 11.9 | 6.0 | 93.5 |
| April | 3.0 | 16.5 | 8.5 | 3.5 | 17.6 | 5.7 | 0.0 | 4.9 | 1.2 | 10.3 | 71.3 |
| May | 1.2 | 11.0 | 4.3 | 11.3 | 12.3 | 10.8 | 0.6 | 1.6 | 10.2 | 2.1 | 65.4 |
| June | 3.6 | 18.5 | 5.7 | 2.3 | 8.2 | 4.4 | 6.3 | 7.0 | 1.8 | 15.6 | 73.4 |
| July | 8.9 | 14.6 | 4.6 | 10.6 | 12.7 | 30.7 | 0.5 | 1.4 | 0.3 | 18.3 | 102.6 |
| August | 0.5 | 21.7 | 10.2 | 4.8 | 12.1 | 37.3 | 1.4 | 2.7 | 7.0 | 15.1 | 112.8 |
| September | 9.0 | 10.2 | 7.7 | 3.6 | 4.3 | 66.6 | 1.5 | 12.9 | 1.9 | 15.5 | 133.3 |
| October | 1.3 | 13.0 | 18.9 | 21.6 | 9.3 | 46.8 | 2.1 | 9.4 | 1.3 | 11.5 | 135.3 |
| November | 1.5 | 9.9 | 7.8 | 7.0 | 12.2 | 35.9 | 1.4 | 4.1 | 11.5 | 3.7 | 95.1 |
| December | 3.9 | 11.4 | 3.8 | 7.8 | 6.9 | 12.8 | 3.2 | 3.4 | 1.1 | 6.9 | 61.3 |
| 2000 | | | | | | | | | | | |
| January | 4.9 | 6.5 | 4.6 | 8.8 | 10.4 | 5.9 | 0.0 | 12.9 | 3.3 | 0.2 | 57.3 |
| February | 3.5 | 15.6 | 12.1 | 11.4 | 9.8 | 5.7 | 0.3 | 0.9 | 3.1 | 1.5 | 63.8 |

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 | | | | | | | | | |
| 1997-1998 | 10 296 | 1 546 | 11 930 | 1 074 780 | 152 837 | 150 499 | 1 378 116 | 523 117 | 1 901 233 |
| 1998-1999 | 11 860 | 1 936 | 13 941 | 1 299 054 | 222 359 | 178 670 | 1 700 083 | 707 418 | 2 407 500 |
| 1999 | | | | | | | | | |
| February | 947 | 185 | 1 134 | 104 523 | 24 095 | 14 725 | 143 343 | 110 423 | 253 766 |
| March | 1 105 | 152 | 1 335 | 121 267 | 15 251 | 21 651 | 158 170 | 56 035 | 214 204 |
| 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 | 44 612 | 220 469 |
| 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 |
| September | 1 129 | 267 | 1 401 | 128 585 | 27 003 | 14 056 | 169 644 | 41 146 | 210 790 |
| October | 1 180 | 94 | 1 278 | 136 847 | 9 733 | 14 561 | 161 141 | 51 948 | 213 089 |
| November | 1 481 | 351 | 1 840 | 174 209 | 32 435 | 20 703 | 227 348 | 33 250 | 260 598 |
| December | 1 289 | 145 | 1 468 | 146 697 | 15 842 | 14 423 | 176 963 | 34 571 | 211 533 |
| 2000 | | | | | | | | | |
| January | 1 024 | 212 | 1 242 | 123 918 | 22 436 | 13 666 | 160 019 | 29 750 | 189 769 |
| February | 979 | 414 | 1 415 | 109 417 | 96 688 | 14 296 | 220 401 | 34 994 | 255 394 |
| PUBLIC SECTOR | | | | | | | | | |
| 1997-1998 | 493 | 389 | 882 | 33 838 | 22 635 | 1 383 | 57 856 | 128 996 | 186 851 |
| 1998-1999 | 151 | 398 | 549 | 12 124 | 26 592 | 5 222 | 43 938 | 145 021 | 188 959 |
| 1999 | | | | | | | | | |
| 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 | 11 205 | 15 070 |
| April | 16 | 0 | 16 | 1 095 | 0 | 1 485 | 2 580 | 3 460 | 6 040 |
| 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 | 34 725 | 34 945 |
| August | 7 | 0 | 7 | 433 | 0 | 990 | 1 423 | 44 238 | 45 660 |
| September | 13 | 137 | 150 | 1 038 | 12 507 | 0 | 13 544 | 66 115 | 79 659 |
| October | 1 | 24 | 25 | 155 | 1 531 | 420 | 2 106 | 55 884 | 57 990 |
| November | 2 | 0 | 6 | 203 | 0 | 517 | 720 | 17 974 | 18 694 |
| December | 16 | 52 | 72 | 1 490 | 4 058 | 0 | 5 547 | 13 124 | 18 671 |
| 2000 | | | | | | | | | |
| January | 11 | 22 | 49 | 937 | 1 408 | 517 | 2 862 | 6 429 | 9 291 |
| February | 23 | 17 | 40 | 1 620 | 1 896 | 0 | 3 516 | 5 971 | 9 487 |
| TOTAL | | | | | | | | | |
| 1997-1998 | 10 789 | 1 935 | 12 812 | 1 108 618 | 175 472 | 151 882 | 1 435 972 | 652 112 | 2 088 084 |
| 1998-1999 | 12 011 | 2 334 | 14 490 | 1 311 178 | 248 950 | 183 892 | 1 744 020 | 852 438 | 2 596 458 |
| 1999 | | | | | | | | | |
| February | 947 | 213 | 1 162 | 104 523 | 25 771 | 14 845 | 145 140 | 131 688 | 276 828 |
| March | 1 130 | 172 | 1 380 | 123 184 | 16 684 | 22 166 | 162 035 | 67 240 | 229 274 |
| April | 959 | 179 | 1 150 | 103 277 | 19 385 | 15 109 | 137 771 | 46 186 | 183 957 |
| 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 | 59 394 | 248 559 |
| July | 1 183 | 247 | 1 435 | 129 030 | 35 215 | 17 477 | 181 721 | 72 071 | 253 792 |
| August | 1 177 | 213 | 1 406 | 128 047 | 20 939 | 20 445 | 169 430 | 78 543 | 247 973 |
| September | 1 142 | 404 | 1 551 | 129 623 | 39 509 | 14 056 | 183 188 | 107 262 | 290 449 |
| October | 1 181 | 118 | 1 303 | 137 002 | 11 264 | 14 981 | 163 247 | 107 833 | 271 080 |
| November | 1 483 | 351 | 1 846 | 174 412 | 32 435 | 21 220 | 228 068 | 51 224 | 279 292 |
| December | 1 305 | 197 | 1 540 | 148 187 | 19 900 | 14 423 | 182 510 | 47 695 | 230 205 |
| 2000 | | | | | | | | | |
| January | 1 035 | 234 | 1 291 | 124 854 | 23 844 | 14 183 | 162 881 | 36 179 | 199 060 |
| February | 1 002 | 431 | 1 455 | 111 037 | 98 584 | 14 296 | 223 916 | 40 965 | 264 881 |

(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 |
| WESTERN AUSTRALIA | 1 498 | 452 | 1 972 | 167 941 | 101 192 | 20 167 | 289 301 | 63 785 | 353 086 |
| Perth (SD) | 1 002 | 431 | 1 455 | 111 037 | 98 584 | 14 296 | 223 916 | 40 965 | 264 881 |
| Central Metropolitan (SSD) | 47 | 280 | 338 | 10 664 | 82 929 | 4 139 | 97 732 | 10 310 | 108 042 |
| Cambridge (T) | 11 | 0 | 11 | 2 490 | 0 | 512 | 3 002 | 4 385 | 7 387 |
| Claremont (T) | 1 | 0 | 2 | 255 | 0 | 558 | 813 | 230 | 1 043 |
| Cottesloe (T) | 7 | 0 | 7 | 1 602 | 0 | 669 | 2 271 | 60 | 2 331 |
| Mosman Park (T) | 4 | 0 | 4 | 1 550 | 0 | 425 | 1 975 | 0 | 1 975 |
| Nedlands (C) | 14 | 2 | 16 | 3 363 | 295 | 713 | 4 370 | 997 | 5 367 |
| Peppermint Grove (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 54 |
| Perth (C)–Inner | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 069 | 1 069 |
| Perth (C)–Remainder | 2 | 261 | 263 | 316 | 80 400 | 0 | 80 716 | 3 515 | 84 231 |
| Subiaco (C) | 5 | 8 | 23 | 765 | 644 | 1 057 | 2 466 | 0 | 2 466 |
| Vincent (T) | 3 | 9 | 12 | 322 | 1 590 | 205 | 2 117 | 0 | 2 117 |
| East Metropolitan (SSD) | 288 | 13 | 302 | 27 422 | 985 | 2 040 | 30 447 | 6 099 | 36 546 |
| Bassendean (T) | 17 | 0 | 17 | 1 458 | 0 | 100 | 1 558 | 97 | 1 655 |
| Bayswater (C) | 57 | 0 | 58 | 6 343 | 0 | 387 | 6 730 | 473 | 7 203 |
| Kalamunda (S) | 15 | 4 | 19 | 1 869 | 400 | 841 | 3 109 | 88 | 3 197 |
| Mundaring (S) | 24 | 0 | 24 | 3 098 | 0 | 191 | 3 288 | 110 | 3 398 |
| Swan (S) | 175 | 9 | 184 | 14 654 | 585 | 522 | 15 761 | 5 330 | 21 092 |
| North Metropolitan (SSD) | 189 | 90 | 280 | 23 800 | 9 816 | 3 463 | 37 078 | 2 064 | 39 142 |
| Joondalup (C)–North | 35 | 31 | 66 | 4 577 | 4 187 | 65 | 8 830 | 450 | 9 280 |
| Joondalup (C)–South | 22 | 6 | 29 | 3 896 | 500 | 902 | 5 298 | 0 | 5 298 |
| Stirling (C)–Central | 46 | 28 | 74 | 4 908 | 2 462 | 358 | 7 727 | 1 130 | 8 857 |
| Stirling (C)–Coastal | 52 | 25 | 77 | 6 642 | 2 667 | 1 201 | 10 509 | 484 | 10 994 |
| Stirling (C)–South-Eastern | 6 | 0 | 6 | 911 | 0 | 861 | 1 771 | 0 | 1 771 |
| Wanneroo (S)–North-East | 6 | 0 | 6 | 488 | 0 | 76 | 564 | 0 | 564 |
| Wanneroo (S)–North-West | 20 | 0 | 20 | 2 188 | 0 | 0 | 2 188 | 0 | 2 188 |
| Wanneroo (S)–South | 2 | 0 | 2 | 190 | 0 | 0 | 190 | 0 | 190 |
| South West Metropolitan (SSD) | 213 | 10 | 230 | 20 847 | 1 030 | 2 158 | 24 035 | 8 537 | 32 573 |
| Cockburn (C) | 72 | 4 | 76 | 6 398 | 300 | 202 | 6 900 | 1 819 | 8 719 |
| East Fremantle (T) | 0 | 2 | 2 | 0 | 300 | 78 | 378 | 200 | 578 |
| Fremantle (C)–Inner | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 350 | 360 |
| Fremantle (C)–Remainder | 8 | 2 | 17 | 834 | 197 | 806 | 1 836 | 1 120 | 2 956 |
| Kwinana (T) | 18 | 0 | 18 | 1 456 | 0 | 156 | 1 613 | 3 035 | 4 648 |
| Melville (C) | 33 | 0 | 33 | 4 295 | 0 | 661 | 4 956 | 225 | 5 181 |
| Rockingham (C) | 82 | 2 | 84 | 7 864 | 234 | 245 | 8 343 | 1 788 | 10 131 |
| South East Metropolitan (SSD) | 265 | 38 | 305 | 28 305 | 3 824 | 2 496 | 34 624 | 13 954 | 48 578 |
| Armadale (C) | 22 | 0 | 22 | 2 109 | 0 | 308 | 2 418 | 351 | 2 768 |
| Belmont (C) | 25 | 4 | 29 | 3 021 | 355 | 137 | 3 513 | 2 830 | 6 343 |
| Canning (C) | 83 | 0 | 85 | 7 834 | 0 | 371 | 8 205 | 7 268 | 15 473 |
| Gosnells (C) | 80 | 0 | 80 | 8 122 | 0 | 265 | 8 388 | 1 293 | 9 681 |
| Serpentine–Jarrahdale (S) | 11 | 0 | 11 | 1 369 | 0 | 69 | 1 438 | 387 | 1 825 |
| South Perth (C) | 21 | 3 | 24 | 3 043 | 507 | 951 | 4 502 | 0 | 4 502 |
| Victoria Park (T) | 23 | 31 | 54 | 2 806 | 2 961 | 393 | 6 161 | 1 825 | 7 986 |
| South West (SD) | 282 | 8 | 290 | 32 478 | 1 169 | 3 953 | 37 600 | 12 937 | 50 537 |
| Dale (SSD) | 84 | 2 | 86 | 10 320 | 250 | 469 | 11 039 | 305 | 11 344 |
| Boddington (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mandurah (C) | 68 | 2 | 70 | 8 600 | 250 | 405 | 9 255 | 305 | 9 560 |
| Murray (S) | 13 | 0 | 13 | 1 441 | 0 | 64 | 1 505 | 0 | 1 505 |
| Waroona (S) | 3 | 0 | 3 | 279 | 0 | 0 | 279 | 0 | 279 |
| Preston (SSD) | 102 | 6 | 108 | 11 471 | 919 | 592 | 12 981 | 9 870 | 22 851 |
| Bunbury (C) | 28 | 6 | 34 | 4 046 | 919 | 273 | 5 238 | 1 327 | 6 565 |
| Capel (S) | 25 | 0 | 25 | 2 567 | 0 | 102 | 2 669 | 0 | 2 669 |
| Collie (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dardanup (S) | 14 | 0 | 14 | 1 240 | 0 | 0 | 1 240 | 8 039 | 9 279 |
| Donnybrook–Balingup (S) | 10 | 0 | 10 | 1 005 | 0 | 0 | 1 005 | 90 | 1 095 |
| Harvey (S) | 25 | 0 | 25 | 2 612 | 0 | 217 | 2 829 | 414 | 3 243 |

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) | 69 | 0 | 69 | 7 639 | 0 | 780 | 8 418 | 2 627 | 11 046 |
| Augusta–Margaret River (S) | 16 | 0 | 16 | 1 768 | 0 | 341 | 2 109 | 1 866 | 3 975 |
| Busselton (S) | 53 | 0 | 53 | 5 870 | 0 | 439 | 6 309 | 762 | 7 071 |
| Blackwood (SSD) | 27 | 0 | 27 | 3 049 | 0 | 2 | 5 161 | 135 | 5 296 |
| Boyup Brook (S) | 4 | 0 | 4 | 642 | 0 | 0 | 642 | 0 | 642 |
| Bridgetown–Greenbushes (S) | 7 | 0 | 7 | 536 | 0 | 50 | 586 | 0 | 586 |
| Manjimup (S) | 11 | 0 | 11 | 1 442 | 0 | 2 | 3 493 | 135 | 3 628 |
| Nannup (S) | 5 | 0 | 5 | 428 | 0 | 12 | 439 | 0 | 439 |
| Lower Great Southern (SD) | 52 | 7 | 59 | 5 310 | 960 | 574 | 6 844 | 807 | 7 651 |
| Pallinup (SSD) | 6 | 0 | 6 | 713 | 0 | 55 | 768 | 0 | 768 |
| 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) | 1 | 0 | 1 | 100 | 0 | 55 | 155 | 0 | 155 |
| Kent (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kojonup (S) | 5 | 0 | 5 | 613 | 0 | 0 | 613 | 0 | 613 |
| Tambellup (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Woodanilling (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| King (SSD) | 46 | 7 | 53 | 4 597 | 960 | 519 | 6 076 | 807 | 6 883 |
| Albany (C)–Central | 10 | 7 | 17 | 1 096 | 960 | 211 | 2 267 | 600 | 2 867 |
| Albany (C)–Balance | 18 | 0 | 18 | 2 005 | 0 | 250 | 2 254 | 123 | 2 377 |
| Cranbrook (S) | 1 | 0 | 1 | 75 | 0 | 0 | 75 | 0 | 75 |
| Denmark (S) | 12 | 0 | 12 | 960 | 0 | 0 | 960 | 84 | 1 044 |
| Plantagenet (S) | 5 | 0 | 5 | 461 | 0 | 58 | 520 | 0 | 520 |
| Upper Great Southern (SD) | 17 | 0 | 17 | 1 936 | 0 | 275 | 2 210 | 0 | 2 210 |
| Hotham (SSD) | 15 | 0 | 15 | 1 757 | 0 | 221 | 1 978 | 0 | 1 978 |
| Brookton (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuballing (S) | 3 | 0 | 3 | 200 | 0 | 0 | 200 | 0 | 200 |
| Dumbleyung (S) | 2 | 0 | 2 | 518 | 0 | 51 | 569 | 0 | 569 |
| Narrogin (T) | 1 | 0 | 1 | 140 | 0 | 0 | 140 | 0 | 140 |
| Narrogin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pingelly (S) | 3 | 0 | 3 | 193 | 0 | 80 | 273 | 0 | 273 |
| Wagin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wandering (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Arthur (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wickepin (S) | 2 | 0 | 2 | 366 | 0 | 10 | 376 | 0 | 376 |
| Williams (S) | 4 | 0 | 4 | 339 | 0 | 80 | 419 | 0 | 419 |
| Lakes (SSD) | 2 | 0 | 2 | 179 | 0 | 54 | 233 | 0 | 233 |
| Corrigin (S) | 2 | 0 | 2 | 179 | 0 | 54 | 233 | 0 | 233 |
| 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 |
| Midlands (SD) | 54 | 0 | 54 | 4 689 | 0 | 199 | 4 888 | 1 844 | 6 732 |
| Moore (SSD) | 16 | 0 | 16 | 1 322 | 0 | 62 | 1 385 | 264 | 1 648 |
| Chittering (S) | 3 | 0 | 3 | 344 | 0 | 12 | 356 | 114 | 470 |
| Dandaragan (S) | 3 | 0 | 3 | 271 | 0 | 0 | 271 | 150 | 421 |
| Gingin (S) | 9 | 0 | 9 | 632 | 0 | 35 | 666 | 0 | 666 |
| Moora (S) | 1 | 0 | 1 | 75 | 0 | 16 | 91 | 0 | 91 |
| Victoria Plains (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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 |
| Avon (SSD) | 34 | 0 | 34 | 2 995 | 0 | 90 | 3 085 | 1 359 | 4 444 |
| Beverley (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cunderdin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dalwallinu (S) | 2 | 0 | 2 | 295 | 0 | 0 | 295 | 140 | 435 |
| 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 | 20 | 20 | 0 | 20 |
| Northam (T) | 2 | 0 | 2 | 113 | 0 | 14 | 127 | 0 | 127 |
| Northam (S) | 10 | 0 | 10 | 851 | 0 | 0 | 851 | 55 | 906 |
| Quairading (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tammin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Toodyay (S) | 9 | 0 | 9 | 776 | 0 | 45 | 821 | 998 | 1 819 |
| Wongan-Ballidu (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyalkatchem (S) | 3 | 0 | 3 | 157 | 0 | 0 | 157 | 0 | 157 |
| York (S) | 8 | 0 | 8 | 803 | 0 | 11 | 815 | 166 | 981 |
| Campion (SSD) | 4 | 0 | 4 | 372 | 0 | 47 | 419 | 221 | 640 |
| Bruce Rock (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kellerberrin (S) | 1 | 0 | 1 | 72 | 0 | 0 | 72 | 0 | 72 |
| Merredin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mount Marshall (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 221 | 221 |
| Mukinbudin (S) | 0 | 0 | 0 | 0 | 0 | 30 | 30 | 0 | 30 |
| Narembeen (S) | 2 | 0 | 2 | 129 | 0 | 17 | 146 | 0 | 146 |
| Nungarin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trayning (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Westonia (S) | 1 | 0 | 1 | 170 | 0 | 0 | 170 | 0 | 170 |
| Yilgarn (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Eastern (SD) | 27 | 4 | 31 | 3 459 | 300 | 278 | 4 037 | 1 285 | 5 321 |
| Lefroy (SSD) | 17 | 4 | 21 | 2 239 | 300 | 214 | 2 752 | 1 085 | 3 837 |
| Coolgardie (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kalgoorlie/Boulder (C) | 17 | 4 | 21 | 2 239 | 300 | 214 | 2 752 | 755 | 3 507 |
| Laverton (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Leonora (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 330 | 330 |
| Menzies (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ngaanyatjarraku (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Johnston (SSD) | 10 | 0 | 10 | 1 220 | 0 | 64 | 1 284 | 200 | 1 484 |
| Dundas (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Esperance (S) | 8 | 0 | 8 | 942 | 0 | 64 | 1 006 | 90 | 1 096 |
| Ravensthorpe (S) | 2 | 0 | 2 | 279 | 0 | 0 | 279 | 110 | 389 |
| Central (SD) | 24 | 0 | 24 | 3 338 | 0 | 359 | 3 698 | 3 268 | 6 966 |
| Gascoyne (SSD) | 1 | 0 | 1 | 191 | 0 | 17 | 208 | 448 | 656 |
| Carnarvon (S) | 1 | 0 | 1 | 191 | 0 | 0 | 191 | 98 | 289 |
| Exmouth (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shark Bay (S) | 0 | 0 | 0 | 0 | 0 | 17 | 17 | 350 | 367 |
| Upper Gascoyne (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carnegie (SSD) | 0 | 0 | 0 | 0 | 0 | 14 | 14 | 0 | 14 |
| 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 | 14 | 14 | 0 | 14 |
| 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) | 23 | 0 | 23 | 3 147 | 0 | 329 | 3 476 | 2 820 | 6 296 |
| Carnamah (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chapman Valley (S) | 1 | 0 | 1 | 74 | 0 | 0 | 74 | 0 | 74 |
| Coorow (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Geraldton (C) | 4 | 0 | 4 | 656 | 0 | 213 | 869 | 0 | 869 |
| Greenough (S) | 10 | 0 | 10 | 1 301 | 0 | 57 | 1 358 | 2 820 | 4 178 |
| Irwin (S) | 5 | 0 | 5 | 531 | 0 | 0 | 531 | 0 | 531 |
| Mingenew (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morawa (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mullewa (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Northampton (S) | 3 | 0 | 3 | 585 | 0 | 60 | 645 | 0 | 645 |
| Perenjori (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Three Springs (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pilbara (SD) | 13 | 0 | 13 | 1 780 | 0 | 161 | 1 940 | 1 234 | 3 174 |
| De Grey (SSD) | 12 | 0 | 12 | 1 520 | 0 | 70 | 1 589 | 530 | 2 119 |
| East Pilbara (S) | 8 | 0 | 8 | 883 | 0 | 16 | 899 | 100 | 999 |
| Port Hedland (T) | 4 | 0 | 4 | 636 | 0 | 54 | 690 | 430 | 1 120 |
| Fortescue (SSD) | 1 | 0 | 1 | 260 | 0 | 91 | 351 | 704 | 1 055 |
| Ashburton (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roebourne (S) | 1 | 0 | 1 | 260 | 0 | 91 | 351 | 704 | 1 055 |
| Kimberley (SD) | 27 | 2 | 29 | 3 914 | 180 | 74 | 4 168 | 1 445 | 5 613 |
| Ord (SSD) | 2 | 0 | 2 | 263 | 0 | 50 | 313 | 0 | 313 |
| Halls Creek (S) | 1 | 0 | 1 | 228 | 0 | 0 | 228 | 0 | 228 |
| Wyndham-East Kimberley (S) | 1 | 0 | 1 | 35 | 0 | 50 | 85 | 0 | 85 |
| Fitzroy (SSD) | 25 | 2 | 27 | 3 651 | 180 | 24 | 3 855 | 1 445 | 5 300 |
| Broome (S) | 25 | 2 | 27 | 3 651 | 180 | 0 | 3 831 | 1 445 | 5 276 |
| Derby-West Kimberley (S) | 0 | 0 | 0 | 0 | 0 | 24 | 24 | 0 | 24 |

(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.

EXPLANATORY NOTES

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 6076.

19 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.

CHAIN VOLUME MEASURES

20 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.

21 Further information on the nature and concepts of chain volume measures is contained in the ABS publication *Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (Cat. no. 5248.0).

AUSTRALIAN STANDARD GEOGRAPHICAL CLASSIFICATION (ASGC)

22 Area statistics are now being classified to the *Australian Standard Geographical Classification, 1999 Edition* (Cat. no. 1216.0), effective from 1 July 1999, and ASGC terminology has been adopted in the presentation of building statistics.

23 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.)

UNPUBLISHED DATA

24 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.

RELATED PUBLICATIONS

25 Users may also wish to refer to the following publications:

- *Building Activity, Australia: Dwelling Unit Commencements* (Cat. no. 8750.0)
- *Building Activity, Australia* (Cat. no. 8752.0)
- *Building Activity, Western Australia* (Cat. no. 8752.5)
- *Building Activity, Building Work Done, Australia* (Cat. no. 8755.0)
- *Building Approvals, Australia* (Cat. no. 8731.0)
- *Engineering Construction Activity, Australia* (Cat. no. 8762.0)
- *House Price Indexes: Eight Capital Cities* (Cat. no. 6416.0)
- *Housing Finance for Owner Occupation, Australia* (Cat. no. 5609.0)
- *Price Index of Materials Used in House Building* (Cat. no. 6408.0)
- *Price Index of Materials Used in Building Other than House Building* (Cat. no. 6407.0).

EXPLANATORY NOTES



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

SYMBOLS AND OTHER USAGES

- n.a. not available
- n.y.a. not yet available
- C City
- S Shire
- SD Statistical Division
- SSD Statistical Subdivison
- T Town



GLOSSARY

| | |
|---|--|
| Alterations and additions | 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. |
| Alterations and additions to residential buildings | 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. |
| Building | 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. |
| Conversion | 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. |
| Dwelling unit | 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. |
| Educational | Includes schools, colleges, kindergartens, libraries, museums and universities. |
| Entertainment and recreational | Includes clubs, cinemas, sport and recreation centres. |
| Factories | Includes paper mills, oil refinery buildings, brickworks and powerhouses. |
| Flats, units or apartments | Dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell. |
| Health | Includes hospitals, nursing homes, surgeries, clinics and medical centres. |
| Hotels, motels and other short term accommodation | Includes hostels, boarding houses, guest houses, and holiday apartment buildings. |
| House | 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. |

G L O S S A R Y

| | |
|---|---|
| Miscellaneous | 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. |
| New building work | Building activity which will result in the creation of a building which previously did not exist. |
| New other residential buildings | Building activity which will result in the creation of a residential building other than a house, which previously did not exist. |
| New residential | Building activity which will result in the creation of any residential building (house or other residential) which previously did not exist. |
| Non-residential building | 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. |
| Offices | Includes banks, post offices and council chambers. |
| Other business premises | Includes warehouses, service stations, transport depots and terminals, electricity substation buildings, telephone exchanges, broadcasting and film studios. |
| Other dwellings | 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. |
| Other residential building | 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. |
| Religious | Includes convents, churches, temples, mosques, monasteries and noviciates. |
| Residential building | A residential building is a building consisting of one or more dwelling units. Residential buildings can be either houses or other residential buildings. |
| Semi-detached, row or terrace houses, townhouses | Dwellings having their own private grounds with no other dwellings above or below. |
| Shops | 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
- 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



2873150002006
ISSN 0727-2278

RRP \$17.00