Australian Bureau of Statistics

## BUILDING APPROVALS



Private sector houses approved
Total number


## NOVEMBER KEY FIGURES

| TREND ESTIMATES | Nov 2000 | \% change <br> Oct 2000 to <br> Nov 2000 | \% change <br> Nov 1999 to <br> Nov 2000 |
| :--- | :---: | :---: | :--- |
| Dwelling units approved | 5799 | 1.2 | -47.7 |
| $\quad$ Private sector houses | 9130 | 0.4 | -41.7 |



## NOVEMBERKEY POINTS

## TREND ESTIMATES

- The decline in the trend for total dwelling units approved has halted, and is now showing a small increase of $0.4 \%$ in November 2000. This follows nine months of decline.
- The trend for private sector houses approved is now also showing growth ( $1.2 \%$ ), following a $13.2 \%$ increase in the seasonally adjusted estimate for November 2000.
- The rate of decline in the trend for other dwellings approved has eased, falling only $0.5 \%$ in November 2000.


## SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for total dwelling units approved rose by $2.8 \%$ in November 2000, following a rise of $7.7 \%$ in October.
- The seasonally adjusted estimate for private sector houses approved rose by $13.2 \%$ in November 2000, although this estimate is still $40.0 \%$ below the level of November 1999.
- The seasonally adjusted estimate for other dwellings fell by $12.1 \%$ in November 2000.
- For further information about these and related statistics, contact Andrea Woods on 088237 7350, or the National Information Service on 1300135070.

FORTHCOMING ISSUES

CHANGES IN THIS ISSUE

DATA NOTES

REVISIONS THIS MONTH

SYMBOLS AND OTHER
USAGES

ISSUE
December 2000
January 2001
February 2001

RELEASE DATE
2 February 2001
5 March 2001
30 March 2001

There are no changes in this issue.

One council has been unable to report on all building approvals within its municipality this month. An estimate has been included in this issue for Rockingham in Western Australia.

ABS statistical series are being impacted to varying degrees as a result of The New Tax System (TNTS). TNTS included the removal of the Wholesale Sales Tax and the introduction of the Goods and Services Tax (GST). From July 2000, value series in this publication are on a GST inclusive basis. Users should exercise caution when analysing the movements in the value series in the months around the introduction of the GST.

Revisions have been made to total dwelling units for October 2000 in Queensland $(+151)$ and Tasmania $(-2)$ as a result of replacing previously estimated data.
n.a. not available
n.y.a. not yet available

## Dennis Trewin

Australian Statistician

## VALUE OF BUILDING APPROVED

VALUE OF TOTAL BUILDING
The trend estimate of the value of total building approved rose by $0.9 \%$ in November 2000 , following eight months of decline.


VALUE OF RESIDENTIAL BUILDING The trend estimate of the value of residential building approved rose by $0.7 \%$ in November, following nine months of decline.


The trend estimate of the value of non-residential building approved rose by $1.1 \%$ in November 2000, following six months of decline.
Trend

- Seas adj.
Nov
1994
Nov
1996


## DWELLINGS APPROVED

TOTAL DWELLING UNITS

PRIVATE SECTOR HOUSES

The trend for total dwelling units approved rose by $0.4 \%$ in November 2000, following nine months of decline.


The trend estimate for private sector houses approved rose by $1.2 \%$ in November 2000, following nine months of decline.


The trend estimate for total dwelling units approved has been falling since October 1999, with the rate of decline moderating over the last few months.


## D W ELLING UNITS APPROVED: State Trends

NEW SOUTH WALES


VICTORIA

## QUEENSLAND

## SOUTH AUSTRALIA



WESTERN AUSTRALIA


The trend estimate for total dwelling units approved has risen in the last three months, following ten months of decline.

The trend estimate for total dwelling units approved has fallen over the last ten months, following four years of growth.

The trend estimate for total dwelling units approved has fallen since Febraury 2000 , with the rate of decline moderating over the last few months.

The trend estimate for total dwelling units approved rose in November 2000, following nine months of decline.

The trend estimate for total dwelling units approved has been falling since December 1999.

# 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 December seasonally adjusted estimate is higher than the November estimate by $3 \%$ for the number of private sector houses approved and $11 \%$ for other dwelling units approved; and that the December seasonally adjusted estimate is lower than the November estimate by $3 \%$ for the number of private sector houses approved and $11 \%$ for other 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 APPROVED


TREND AS PUBLISHED

|  | no. | \% change |
| :--- | :---: | :---: |
| July 2000 | 6433 | -10.3 |
| August 2000 | 6001 | -6.7 |
| September 2000 | 5795 | -3.4 |
| October 2000 | 5733 | -1.1 |
| November 2000 | 5799 | 1.2 |
| December 2000 | n.y.a. | n.y.a. |

WHAT IF NEXT MONTH'S SEASONALLY adJusted estimate:
12
rises by 3\% on Nov 2000 falls by 3\% on Nov 2000
no. \% change
no. \% change

| 6352 | -10.8 | 6366 | -10.7 |
| ---: | ---: | ---: | ---: |
| 5963 | -6.1 | 5970 | -6.2 |
| 5883 | -1.3 | 5865 | -1.8 |
| 5966 | 1.4 | 5905 | 0.7 |
| 6130 | 2.7 | 6016 | 1.9 |
| 6374 | 4.0 | 6202 | 3.1 |

OTHER DWELLINGS


WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:
12
rises by 11\% on Nov 2000 falls by 11\% on Nov 2000
\% change
no. $\quad$ \% change

| July 2000 | 3564 | -5.2 |
| :--- | ---: | ---: |
| August 2000 | 3417 | -4.1 |
| September 2000 | 3318 | -2.9 |
| October 2000 | 3269 | -1.5 |
| November 2000 | 3252 | -0.5 |
| December 2000 | n.y.a. | n.y.a. |

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HOUSES. $\qquad$

| Private <br> sector | Total |
| :--- | :--- |
| no. | no. |

OTHER DWELLINGS...

| Private <br> sector | Total |
| :--- | :--- |
| no. | no. |

no.
ORIGINAL

| 1999 ORIGINAL |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| September | 10964 | 11176 | 3880 | 4079 | 14844 | 411 | 15255 |
| October | 10066 | 10253 | 4067 | 4242 | 14133 | 362 | 14495 |
| November | 11697 | 11849 | 4505 | 4669 | 16202 | 316 | 16518 |
| December | 11264 | 11382 | 3528 | 3716 | 14792 | 306 | 15098 |
| 2000 |  |  |  |  |  |  |  |
| January | 8955 | 9049 | 4415 | 4559 | 13370 | 238 | 13608 |
| February | 11214 | 11381 | 4580 | 4774 | 15794 | 361 | 16155 |
| March | 11424 | 11513 | 3602 | 3707 | 15026 | 194 | 15220 |
| April | 8222 | 8310 | 3726 | 3953 | 11948 | 315 | 12263 |
| May | 9573 | 9742 | 4784 | 4966 | 14357 | 351 | 14708 |
| June | 6980 | 7237 | 3234 | 3915 | 10214 | 938 | 11152 |
| July | 5710 | 5790 | 3248 | 3388 | 8958 | 220 | 9178 |
| August | 6433 | 6540 | 3141 | 3312 | 9574 | 278 | 9852 |
| September | 5896 | 5987 | 2817 | 2962 | 8713 | 236 | 8949 |
| October | 6057 | 6172 | 3248 | 3354 | 9305 | 221 | 9526 |
| November | 6899 | 6969 | 3699 | 3829 | 10598 | 200 | 10798 |

SEASONALLY ADJUSTED

| 1999 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | 10119 | 10333 | 3789 | 4061 | 13908 | 486 | 14394 |
| October | 10141 | 10336 | 5031 | 5238 | 15172 | 402 | 15574 |
| November | 10981 | 11119 | 3872 | 4044 | 14853 | 310 | 15163 |
| December | 12129 | 12271 | 3454 | 3640 | 15583 | 328 | 15911 |
| 2000 |  |  |  |  |  |  |  |
| January | 11236 | 11366 | 5112 | 5268 | 16348 | 286 | 16634 |
| February | 11475 | 11629 | 3960 | 4140 | 15435 | 334 | 15769 |
| March | 10612 | 10695 | 3787 | 3890 | 14399 | 186 | 14585 |
| April | 9379 | 9463 | 4069 | 4263 | 13448 | 278 | 13726 |
| May | 8303 | 8460 | 4428 | 4577 | 12731 | 306 | 13037 |
| June | 6960 | 7150 | 3237 | 3740 | 10197 | 693 | 10890 |
| July | 5733 | 5827 | 3100 | 3266 | 8833 | 260 | 9093 |
| August | 5842 | 5959 | 2865 | 3077 | 8707 | 329 | 9036 |
| September | 5621 | 5716 | 3034 | 3243 | 8655 | 304 | 8959 |
| October | 5815 | 5927 | 3609 | 3720 | 9424 | 223 | 9647 |
| November | 6585 | 6649 | 3126 | 3270 | 9711 | 208 | 9919 |

TREND ESTIMATES

| 1999 |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| September | 10201 | 10361 | 4291 | 4525 | 14492 | 394 | 14886 |
| October | 10643 | 10807 | 4291 | 4498 | 14935 | 370 | 15305 |
| November | 11082 | 11242 | 4242 | 4427 | 15324 | 345 | 15669 |
| December | 11399 | 11546 | 4192 | 4358 | 15590 | 314 | 15904 |
| 2000 |  |  |  |  |  |  |  |
| January | 11453 | 11585 | 4178 | 4333 | 15630 | 288 | 15918 |
| February | 11127 | 11249 | 4173 | 4329 | 15299 | 279 | 15578 |
| March | 10397 | 10517 | 4125 | 4299 | 14522 | 294 | 14816 |
| April | 9362 | 9487 | 3976 | 4181 | 13338 | 330 | 13668 |
| May | 8198 | 8327 | 3759 | 3995 | 11957 | 365 | 12322 |
| June | 7170 | 7301 | 3505 | 3758 | 10675 | 384 | 11059 |
| July | 6433 | 6560 | 3316 | 3564 | 9748 | 376 | 10124 |
| August | 6001 | 6119 | 3191 | 3417 | 9192 | 344 | 9536 |
| September | 5795 | 5901 | 3124 | 3318 | 8919 | 300 | 9219 |
| October | 5733 | 5826 | 3107 | 3269 | 8839 | 256 | 9095 |
| November | 5799 | 5878 | 3117 | 3252 | 8915 | 215 | 9130 |

HOUSES $\qquad$

| Private |  |
| :--- | :--- |
| sector | Total |

OTHER DWELLINGS....
Private
sector $\quad$ Total

TOTAL DWELLING UNITS..

| Private | Public |  |
| :--- | :--- | :--- |
| sector | sector | Total |

ORIGINAL (\% change from preceding month)

| ORIGINAL (\% change from preceding month) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |
| September | 5.7 | 7.0 | -22.3 | -20.3 | -3.4 | 104.5 | -2.0 |
| October | -8.2 | -8.3 | 4.8 | 4.0 | -4.8 | -11.9 | -5.0 |
| November | 16.2 | 15.6 | 10.8 | 10.1 | 14.6 | -12.7 | 14.0 |
| December | -3.7 | -3.9 | -21.7 | -20.4 | -8.7 | -3.2 | -8.6 |
| 2000 |  |  |  |  |  |  |  |
| January | -20.5 | -20.5 | 25.1 | 22.7 | -9.6 | -22.2 | -9.9 |
| February | 25.2 | 25.8 | 3.7 | 4.7 | 18.1 | 51.7 | 18.7 |
| March | 1.9 | 1.2 | -21.4 | -22.4 | -4.9 | -46.3 | -5.8 |
| April | -28.0 | -27.8 | 3.4 | 6.6 | -20.5 | 62.4 | -19.4 |
| May | 16.4 | 17.2 | 28.4 | 25.6 | 20.2 | 11.4 | 19.9 |
| June | -27.1 | -25.7 | -32.4 | -21.2 | -28.9 | 167.2 | -24.2 |
| July | -18.2 | -20.0 | 0.4 | -13.5 | -12.3 | -76.5 | -17.7 |
| August | 12.7 | 13.0 | -3.3 | -2.2 | 6.9 | 26.4 | 7.3 |
| September | -8.3 | -8.5 | -10.3 | -10.6 | -9.0 | -15.1 | -9.2 |
| October | 2.7 | 3.1 | 15.3 | 13.2 | 6.8 | -6.4 | 6.4 |
| November | 13.9 | 12.9 | 13.9 | 14.2 | 13.9 | -9.5 | 13.4 |

SEASONALLY ADJUSTED (\% change from preceding month)
1999

| September | 3.9 | 5.1 | -23.0 | -19.9 | -5.1 | 98.4 | -3.4 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| October | 0.2 | 0.0 | 32.8 | 29.0 | 9.1 | -17.3 | 8.2 |
| November | 8.3 | 7.6 | -23.0 | -22.8 | -2.1 | -22.9 | -2.6 |
| December | 10.5 | 10.4 | -10.8 | -10.0 | 4.9 | 5.8 | 4.9 |
| 2000 |  |  |  |  |  |  |  |
| January | -7.4 | -7.4 | 48.0 | 44.7 | 4.9 | -12.8 | 4.5 |
| February | 2.1 | 2.3 | -22.5 | -21.4 | -5.6 | 16.8 | -5.2 |
| March | -7.5 | -8.0 | -4.4 | -6.0 | -6.7 | -44.3 | -7.5 |
| April | -11.6 | -11.5 | 7.4 | 9.6 | -6.6 | 49.5 | -5.9 |
| May | -11.5 | -10.6 | 8.8 | 7.4 | -5.3 | 10.1 | -5.0 |
| June | -16.2 | -15.5 | -26.9 | -18.3 | -19.9 | 126.5 | -16.5 |
| July | -17.6 | -18.5 | -4.2 | -12.7 | -13.4 | -62.5 | -16.5 |
| August | 1.9 | 2.3 | -7.6 | -5.8 | -1.4 | 26.5 | -0.6 |
| September | -3.8 | -4.1 | 5.9 | 5.4 | -0.6 | -7.6 | -0.8 |
| October | 3.5 | 3.7 | 19.0 | 14.7 | 8.9 | -26.6 | 7.7 |
| November | 13.2 | 12.2 | -13.4 | -12.1 | 3.0 | -6.7 | 2.8 |

TREND ESTIMATES (\% change from preceding month)

| 1999 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | 3.8 | 3.8 | 1.2 | 0.6 | 3.0 | -5.5 | 2.8 |
| October | 4.3 | 4.3 | 0.0 | -0.6 | 3.1 | -6.1 | 2.8 |
| November | 4.1 | 4.0 | -1.1 | -1.6 | 2.6 | -6.8 | 2.4 |
| December | 2.9 | 2.7 | -1.2 | -1.6 | 1.7 | -9.0 | 1.5 |
| 2000 |  |  |  |  |  |  |  |
| January | 0.5 | 0.3 | -0.3 | -0.6 | 0.3 | -8.3 | 0.1 |
| February | -2.9 | -2.9 | -0.1 | -0.1 | -2.1 | -3.1 | -2.1 |
| March | -6.6 | -6.5 | -1.2 | -0.7 | -5.1 | 5.4 | -4.9 |
| April | -10.0 | -9.8 | -3.6 | -2.7 | -8.2 | 12.2 | -7.7 |
| May | -12.4 | -12.2 | -5.5 | -4.4 | -10.4 | 10.6 | -9.9 |
| June | -12.5 | -12.3 | -6.8 | -5.9 | -10.7 | 5.2 | -10.2 |
| July | -10.3 | -10.1 | -5.4 | -5.2 | -8.7 | -2.1 | -8.5 |
| August | -6.7 | -6.7 | -3.8 | -4.1 | -5.7 | -8.5 | -5.8 |
| September | -3.4 | -3.6 | -2.1 | -2.9 | -3.0 | -12.8 | -3.3 |
| October | -1.1 | -1.3 | -0.5 | -1.5 | -0.9 | -14.7 | -1.4 |
| November | 1.2 | 0.9 | 0.3 | -0.5 | 0.9 | -16.0 | 0.4 |


|  | New residential building | Alterations and additions to residential buildings(a) | Total residential building | Nonresidential building | Total building |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Month | \$m | \$m | \$m | \$m | \$m |
| ORIGINAL |  |  |  |  |  |
| 1999 |  |  |  |  |  |
| September | 1812.5 | 300.5 | 2113.0 | 864.2 | 2977.2 |
| October | 1738.3 | 291.4 | 2029.7 | 867.7 | 2897.4 |
| November | 1967.4 | 300.1 | 2267.5 | 1018.1 | 3285.6 |
| December | 1899.0 | 262.4 | 2161.3 | 836.7 | 2998.1 |
| 2000 |  |  |  |  |  |
| January | 1776.2 | 238.6 | 2014.8 | 895.2 | 2910.0 |
| February | 1980.7 | 311.0 | 2291.6 | 932.8 | 3224.4 |
| March | 1901.7 | 317.9 | 2219.5 | 953.2 | 3172.7 |
| April | 1481.5 | 278.8 | 1760.3 | 1212.1 | 2972.4 |
| May | 1899.9 | 354.5 | 2254.4 | 1077.8 | 3332.2 |
| June | 1384.5 | 251.6 | 1636.1 | 998.7 | 2634.8 |
| July | 1186.7 | 254.1 | 1440.8 | 1198.5 | 2639.3 |
| August | 1283.4 | 258.2 | 1541.6 | 986.6 | 2528.3 |
| September | 1150.2 | 233.2 | 1383.4 | 997.5 | 2380.9 |
| October | 1233.7 | 290.4 | 1524.1 | 1033.1 | 2557.3 |
| November | 1454.7 | 261.8 | 1716.5 | 961.5 | 2678.0 |


| SEASONALLY ADJUSTED |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |
| September | 1680.8 | 269.0 | 1949.7 | 849.2 | 2799.0 |
| October | 1859.0 | 282.2 | 2141.2 | 801.2 | 2942.4 |
| November | 1798.8 | 279.3 | 2078.1 | 1018.3 | 3096.3 |
| December | 2017.3 | 283.9 | 2301.2 | 974.6 | 3275.8 |
| 2000 |  |  |  |  |  |
| January | 2164.7 | 297.6 | 2462.3 | 909.6 | 3371.9 |
| February | 1986.9 | 315.3 | 2302.2 | 1001.8 | 3304.0 |
| March | 1851.8 | 290.6 | 2142.4 | 1022.7 | 3165.1 |
| April | 1697.5 | 304.5 | 2002.0 | 1550.1 | 3552.1 |
| May | 1642.5 | 321.3 | 1963.8 | 948.0 | 2911.8 |
| June | 1355.3 | 258.9 | 1614.2 | 998.7 | 2612.8 |
| July | 1148.2 | 260.6 | 1408.8 | 1144.6 | 2553.4 |
| August | 1176.6 | 244.4 | 1421.0 | 688.0 | 2109.0 |
| September | 1155.5 | 213.1 | 1368.5 | 1108.3 | 2476.8 |
| October | 1234.1 | 285.0 | 1519.1 | 943.1 | 2462.3 |
| November | 1313.6 | 235.9 | 1549.5 | 868.3 | 2417.8 |


| TREND ESTIMATES |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 ( |  |  |  |  |  |
| September | 1775.5 | 281.3 | 2056.9 | 907.3 | 2964.2 |
| October | 1849.1 | 284.5 | 2133.6 | 879.4 | 3012.9 |
| November | 1922.4 | 286.6 | 2209.0 | 875.7 | 3084.7 |
| December | 1981.3 | 290.3 | 2271.6 | 913.2 | 3184.8 |
| 2000 |  |  |  |  |  |
| January | 2006.6 | 296.2 | 2302.7 | 979.7 | 3282.5 |
| February | 1974.4 | 302.3 | 2276.7 | 1056.7 | 3333.4 |
| March | 1876.7 | 305.3 | 2182.0 | 1109.8 | 3291.9 |
| April | 1723.8 | 300.7 | 2024.5 | 1130.8 | 3155.3 |
| May | 1547.1 | 290.0 | 1837.0 | 1116.6 | 2953.6 |
| June | 1389.0 | 275.8 | 1664.8 | 1072.4 | 2737.2 |
| July | 1281.1 | 262.4 | 1543.5 | 1013.4 | 2556.9 |
| August | 1218.6 | 252.3 | 1470.9 | 964.9 | 2435.8 |
| September | 1189.5 | 245.7 | 1435.2 | 934.3 | 2369.5 |
| October | 1184.1 | 241.7 | 1425.8 | 909.8 | 2335.6 |
| November | 1195.9 | 239.8 | 1435.7 | 920.1 | 2355.8 |
| (a) Refer to Explanatory Notes paragraph 16. |  |  |  |  |  |


\left.|  | Alterations |  |  |  |  | Non- |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |$\right]$


|  | ORIGINAL (\% change from preceding month) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |
| September | -3.3 | -3.2 | -3.3 | -25.8 | -11.1 |
| October | -4.1 | -3.0 | -3.9 | 0.4 | -2.7 |
| November | 13.2 | 3.0 | 11.7 | 17.3 | 13.4 |
| December | -3.5 | -12.6 | -4.7 | -17.8 | -8.8 |
| 2000 |  |  |  |  |  |
| January | -6.5 | -9.1 | -6.8 | 7.0 | -2.9 |
| February | 11.5 | 30.3 | 13.7 | 4.2 | 10.8 |
| March | -4.0 | 2.2 | -3.1 | 2.2 | -1.6 |
| April | -22.1 | -12.3 | -20.7 | 27.2 | -6.3 |
| May | 28.2 | 27.2 | 28.1 | -11.1 | 12.1 |
| June | -27.1 | -29.0 | -27.4 | -7.3 | -20.9 |
| July | -14.3 | 1.0 | -11.9 | 20.0 | 0.2 |
| August | 8.1 | 1.6 | 7.0 | -17.7 | -4.2 |
| September | -10.4 | -9.7 | -10.3 | 1.1 | -5.8 |
| October | 7.3 | 24.5 | 10.2 | 3.6 | 7.4 |
| November | 17.9 | -9.8 | 12.6 | -6.9 | 4.7 |

SEASONALLY ADJUSTED (\% change from preceding month)
1999

| September | -6.2 | -13.5 | -7.3 | 3.6 | -4.2 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| October | 10.6 | 4.9 | 9.8 | -5.7 | 5.1 |
| November | -3.2 | -1.0 | -2.9 | 27.1 | 5.2 |
| December | 12.1 | 1.7 | 10.7 | -4.3 | 5.8 |
| $\mathbf{2 0 0 0}$ |  |  |  |  |  |
| January | 7.3 | 4.8 | 7.0 | -6.7 | 2.9 |
| February | -8.2 | 5.9 | -6.5 | 10.1 | -2.0 |
| March | -6.8 | -7.8 | -6.9 | 2.1 | -4.2 |
| April | -8.3 | 4.8 | -6.6 | 51.6 | 12.2 |
| May | -3.2 | 5.5 | -1.9 | -38.8 | -18.0 |
| June | -17.5 | -19.4 | -17.8 | 5.3 | -10.3 |
| July | -15.3 | 0.7 | -12.7 | 14.6 | -2.3 |
| August | 2.5 | -6.2 | 0.9 | -39.9 | -17.4 |
| September | -1.8 | -12.8 | -3.7 | 61.1 | 17.4 |
| October | 6.8 | 33.8 | 11.0 | -14.9 | -0.6 |
| November | 6.4 | -17.2 | 2.0 | -7.9 | -1.8 |


|  | TREND ESTIMATES (\% change from preceding month) |  |  |  |  |
| :--- | ---: | :--- | :--- | ---: | ---: |
| $\mathbf{1 9 9 9}$ |  |  |  |  |  |
| September | 3.7 | 1.9 | 3.4 | -3.1 | 1.3 |
| October | 4.1 | 1.1 | 3.7 | -3.1 | 1.6 |
| November | 4.0 | 0.7 | 3.5 | -0.4 | 2.4 |
| December | 3.1 | 1.3 | 2.8 | 4.3 | 3.2 |
| $\mathbf{2 0 0}$ |  |  |  |  |  |
| January | 1.3 | 2.0 | 1.4 | 7.3 | 3.1 |
| February | -1.6 | 2.1 | -1.1 | 7.9 | 1.6 |
| March | -4.9 | 1.0 | -4.2 | 5.0 | -1.2 |
| April | -8.1 | -1.5 | -7.2 | 1.9 | -4.1 |
| May | -10.3 | -3.6 | -9.3 | -1.3 | -6.4 |
| June | -10.2 | -4.9 | -9.4 | -4.0 | -7.3 |
| July | -7.8 | -4.9 | -7.3 | -5.5 | -6.6 |
| August | -4.9 | -3.8 | -4.7 | -4.8 | -4.7 |
| September | -2.4 | -2.6 | -2.4 | -3.2 | -2.7 |
| October | -0.5 | -1.6 | -0.7 | -2.6 | -1.4 |
| November | 1.0 | -0.8 | 0.7 | 1.1 | 0.9 |

(a) Refer to Explanatory Notes paragraph 16.


PRIVATE SECTOR (Number)

| 1997-1998 | 104461 | 42517 | 788 | 2587 | 621 | 150974 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| $\mathbf{1 9 9 8 - 1 9 9 9}$ | 104459 | 42555 | 664 | 2541 | 482 | 150701 |
| 1999-2000 | 120471 | 46696 | 815 | 1841 | 519 | 170342 |
| 1999 |  |  |  |  |  |  |
| November | 11690 | 4061 | 59 | 336 | 56 | 16202 |
| December | 11248 | 3318 | 54 | 130 | 42 | 14792 |
| 2000 | 8948 | 4129 | 80 | 159 | 54 | 13370 |
| January | 11201 | 4313 | 98 | 146 | 36 | 15794 |
| February | 11410 | 3469 | 56 | 50 | 41 | 15026 |
| March | 8209 | 3312 | 223 | 177 | 27 | 11948 |
| April | 9561 | 4425 | 79 | 270 | 22 | 14357 |
| May | 6970 | 3110 | 40 | 66 | 28 | 10214 |
| June | 5702 | 2694 | 39 | 508 | 15 | 8958 |
| July | 6419 | 2878 | 53 | 191 | 33 | 9574 |
| August | 5886 | 2646 | 39 | 127 | 15 | 8713 |
| September | 6043 | 3034 | 75 | 143 | 10 | 9305 |
| October | 6897 | 3480 | 131 | 83 | 7 | 10598 |
| November |  |  |  |  |  |  |

PUBLIC SECTOR (Number)

| 1997-1998 | 2530 | 2989 | 35 | 1 | 13 | 5568 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998-1999 | 2723 | 2986 | 35 | 2 | 4 | 5750 |
| 1999-2000 | 1755 | 2547 | 64 | 6 | 9 | 4381 |
| 1999 |  |  |  |  |  |  |
| November | 152 | 159 | 4 | 0 | 1 | 316 |
| December | 118 | 177 | 2 | 5 | 4 | 306 |
| 2000 |  |  |  |  |  |  |
| January | 94 | 125 | 19 | 0 | 0 | 238 |
| February | 167 | 188 | 5 | 0 | 1 | 361 |
| March | 88 | 99 | 6 | 1 | 0 | 194 |
| April | 88 | 216 | 11 | 0 | 0 | 315 |
| May | 169 | 180 | 0 | 0 | 2 | 351 |
| June | 257 | 680 | 0 | 0 | 1 | 938 |
| July | 80 | 131 | 6 | 3 | 0 | 220 |
| August | 107 | 154 | 17 | 0 | 0 | 278 |
| September | 91 | 145 | 0 | 0 | 0 | 236 |
| October | 114 | 106 | 1 | 0 | 0 | 221 |
| November | 70 | 127 | 3 | 0 | 0 | 200 |

TOTAL (Number)

| 1997-1998 | 106991 | 45506 | 823 | 2588 | 634 | 156542 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998-1999 | 107182 | 45541 | 699 | 2543 | 486 | 156451 |
| 1999-2000 | 122226 | 49243 | 879 | 1847 | 528 | 174723 |
| 1999 |  |  |  |  |  |  |
| November | 11842 | 4220 | 63 | 336 | 57 | 16518 |
| December | 11366 | 3495 | 56 | 135 | 46 | 15098 |
| 2000 |  |  |  |  |  |  |
| January | 9042 | 4254 | 99 | 159 | 54 | 13608 |
| February | 11368 | 4501 | 103 | 146 | 37 | 16155 |
| March | 11498 | 3568 | 62 | 51 | 41 | 15220 |
| April | 8297 | 3528 | 234 | 177 | 27 | 12263 |
| May | 9730 | 4605 | 79 | 270 | 24 | 14708 |
| June | 7227 | 3790 | 40 | 66 | 29 | 11152 |
| July | 5782 | 2825 | 45 | 511 | 15 | 9178 |
| August | 6526 | 3032 | 70 | 191 | 33 | 9852 |
| September | 5977 | 2791 | 39 | 127 | 15 | 8949 |
| October | 6157 | 3140 | 76 | 143 | 10 | 9526 |
| November | 6967 | 3607 | 134 | 83 | 7 | 10798 |

(a) See Glossary for definition.

| Month | New houses | New other residential building | Alterations and additions creating dwellings | Alterations and additions not creating dwellings | Conversion(a) | Total residential building | Nonresidential building(a) | Total building |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PRIVATE SECTOR (\$ million) |  |  |  |  |  |  |  |  |
| 1997-1998 | 11654.3 | 4443.3 | 87.8 | 2573.4 | 257.3 | 19016.3 | 10276.7 | 29292.6 |
| 1998-1999 | 12370.7 | 4607.5 | 67.6 | 2512.4 | 245.8 | 19804.2 | 9004.9 | 28809.1 |
| 1999-2000 | 15371.8 | 5662.5 | 94.4 | 3078.9 | 228.3 | 24436.1 | 8915.9 | 33351.9 |
| 1999 |  |  |  |  |  |  |  |  |
| November | 1482.6 | 452.0 | 4.6 | 263.6 | 26.5 | 2229.2 | 634.6 | 2863.8 |
| December | 1440.2 | 430.3 | 6.4 | 230.7 | 12.8 | 2120.5 | 603.7 | 2724.1 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 1152.8 | 601.1 | 9.4 | 197.5 | 19.6 | 1980.4 | 659.0 | 2639.4 |
| February | 1444.3 | 498.8 | 8.9 | 272.6 | 19.9 | 2244.6 | 667.9 | 2912.5 |
| March | 1485.5 | 397.2 | 5.4 | 297.3 | 6.3 | 2191.7 | 689.1 | 2880.8 |
| April | 1057.2 | 392.7 | 34.3 | 216.3 | 15.6 | 1716.1 | 982.8 | 2698.9 |
| May | 1247.3 | 610.5 | 9.6 | 288.8 | 44.1 | 2200.3 | 779.0 | 2979.3 |
| June | 924.6 | 368.2 | 4.5 | 230.7 | 8.1 | 1536.1 | 838.3 | 2374.4 |
| July | 770.4 | 392.4 | 3.1 | 176.7 | 69.0 | 1411.6 | 705.6 | 2117.2 |
| August | 874.6 | 380.1 | 5.0 | 212.3 | 25.2 | 1497.2 | 757.1 | 2254.3 |
| September | 793.0 | 329.6 | 2.5 | 219.8 | 5.8 | 1350.7 | 769.8 | 2120.5 |
| October | 824.3 | 384.7 | 8.1 | 245.9 | 22.2 | 1485.1 | 831.4 | 2316.4 |
| November | 962.4 | 469.6 | 9.8 | 241.4 | 7.7 | 1691.0 | 698.1 | 2389.1 |


| PUBLIC SECTOR (\$ million) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997-1998 | 249.2 | 224.6 | 2.7 | 101.7 | 0.1 | 578.3 | 4185.6 | 4763.6 |
| 1998-1999 | 292.7 | 240.1 | 4.3 | 88.2 | 0.1 | 625.0 | 3563.7 | 4188.6 |
| 1999-2000 | 201.1 | 243.4 | 4.1 | 102.5 | 0.9 | 552.2 | 3139.8 | 3691.9 |
| 1999 |  |  |  |  |  |  |  |  |
| November | 18.0 | 14.8 | 0.2 | 5.2 | 0.0 | 38.2 | 383.5 | 421.8 |
| December | 13.3 | 15.2 | 0.2 | 11.3 | 0.9 | 40.9 | 233.1 | 273.9 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 11.5 | 10.8 | 1.0 | 11.1 | 0.0 | 34.4 | 236.2 | 270.6 |
| February | 20.3 | 17.3 | 0.4 | 9.0 | 0.0 | 47.0 | 264.8 | 311.8 |
| March | 10.0 | 9.0 | 0.2 | 8.7 | 0.0 | 27.8 | 264.1 | 291.9 |
| April | 10.6 | 21.0 | 0.4 | 12.2 | 0.0 | 44.3 | 229.2 | 273.5 |
| May | 24.9 | 17.3 | 0.0 | 11.9 | 0.0 | 54.1 | 298.8 | 352.9 |
| June | 27.8 | 63.9 | 0.0 | 8.3 | 0.0 | 100.0 | 160.4 | 260.4 |
| July | 9.9 | 14.0 | 0.2 | 4.9 | 0.1 | 29.1 | 492.9 | 522.0 |
| August | 13.8 | 14.9 | 1.3 | 14.4 | 0.0 | 44.4 | 229.5 | 273.9 |
| September | 11.8 | 15.8 | 0.0 | 5.1 | 0.0 | 32.7 | 227.7 | 260.4 |
| October | 13.8 | 10.9 | 0.4 | 13.9 | 0.0 | 39.0 | 201.8 | 240.8 |
| November | 9.4 | 13.3 | 0.6 | 2.2 | 0.0 | 25.6 | 263.4 | 289.0 |

TOTAL (\$ million)

| 1997-1998 | 11903.5 | 4667.9 | 90.4 | 2675.2 | 257.3 | 19594.2 | 14461.8 | 34056.2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998-1999 | 12663.5 | 4847.6 | 72.0 | 2600.2 | 245.8 | 20429.5 | 12568.5 | 32997.8 |
| 1999-2000 | 15573.0 | 5906.0 | 98.7 | 3181.5 | 229.2 | 24988.1 | 12055.7 | 37044.0 |
| 1999 |  |  |  |  |  |  |  |  |
| November | 1500.7 | 466.8 | 4.8 | 268.8 | 26.5 | 2267.5 | 1018.1 | 3285.6 |
| December | 1453.5 | 445.5 | 6.6 | 242.0 | 13.7 | 2161.3 | 836.7 | 2998.1 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 1164.3 | 612.0 | 10.4 | 208.6 | 19.6 | 2014.8 | 895.2 | 2910.0 |
| February | 1464.5 | 516.2 | 9.4 | 281.6 | 19.9 | 2291.6 | 932.8 | 3224.4 |
| March | 1495.5 | 406.2 | 5.6 | 306.0 | 6.3 | 2219.5 | 953.2 | 3172.7 |
| April | 1067.8 | 413.7 | 34.7 | 228.5 | 15.6 | 1760.3 | 1212.1 | 2972.4 |
| May | 1272.1 | 627.8 | 9.6 | 300.8 | 44.1 | 2254.4 | 1077.8 | 3332.2 |
| June | 952.4 | 432.0 | 4.5 | 239.0 | 8.1 | 1636.1 | 998.7 | 2634.8 |
| July | 780.3 | 406.4 | 3.3 | 181.7 | 69.1 | 1440.8 | 1198.5 | 2639.3 |
| August | 888.4 | 395.0 | 6.4 | 226.6 | 25.2 | 1541.6 | 986.6 | 2528.3 |
| September | 804.8 | 345.4 | 2.5 | 224.9 | 5.8 | 1383.4 | 997.5 | 2380.9 |
| October | 838.1 | 395.6 | 8.4 | 259.8 | 22.2 | 1524.1 | 1033.1 | 2557.3 |
| November | 971.8 | 482.9 | 10.4 | 243.7 | 7.7 | 1716.5 | 961.5 | 2678.0 |

(a) See Glossary for definition.

DWELLING UNITS APPROVED, States and Australia


| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | 4501 | 3921 | 2689 | 825 | 2123 | 124 | n.a. | n.a. | 14394 |
| October | 4758 | 4306 | 3013 | 846 | 2020 | 142 | n.a. | n.a. | 15574 |
| November | 4362 | 4206 | 3020 | 924 | 2163 | 172 | n.a. | n.a. | 15163 |
| December | 4652 | 4529 | 3449 | 980 | 2120 | 172 | n.a. | n.a. | 15911 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 4395 | 5291 | 3540 | 1160 | 2172 | 180 | n.a. | n.a. | 16634 |
| February | 4378 | 4395 | 3384 | 982 | 1924 | 166 | n.a. | n.a. | 15769 |
| March | 4065 | 4521 | 3040 | 873 | 1627 | 169 | n.a. | n.a. | 14585 |
| April | 3740 | 3919 | 2994 | 852 | 1553 | 133 | n.a. | n.a. | 13726 |
| May | 3952 | 3322 | 3260 | 730 | 1511 | 235 | n.a. | n.a. | 13037 |
| June | 3281 | 3365 | 1944 | 508 | 1632 | 116 | n.a. | n.a. | 10890 |
| July | 1915 | 3502 | 1577 | 681 | 1191 | 85 | n.a. | n.a. | 9093 |
| August | 2439 | 2291 | 1938 | 462 | 1159 | 83 | n.a. | n.a. | 9036 |
| September | 2781 | 2389 | 1866 | 381 | 1296 | 118 | n.a. | n.a. | 8959 |
| October | 3571 | 2237 | 1819 | 511 | 1226 | 104 | n.a. | n.a. | 9647 |
| November | 3057 | 2859 | 1953 | 645 | 1026 | 118 | n.a. | n.a. | 9919 |


| TREND ESTIMATES |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | 4580 | 4104 | 2748 | 813 | 2110 | 139 | 132 | 165 | 14886 |
| October | 4597 | 4292 | 2953 | 879 | 2135 | 150 | 136 | 182 | 15305 |
| November | 4579 | 4485 | 3148 | 946 | 2135 | 159 | 141 | 201 | 15669 |
| December | 4521 | 4625 | 3307 | 998 | 2094 | 166 | 142 | 215 | 15904 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 4444 | 4654 | 3400 | 1014 | 2015 | 173 | 139 | 220 | 15918 |
| February | 4328 | 4564 | 3379 | 985 | 1903 | 176 | 130 | 215 | 15578 |
| March | 4124 | 4348 | 3226 | 919 | 1770 | 173 | 119 | 201 | 14816 |
| April | 3798 | 4031 | 2960 | 826 | 1631 | 164 | 111 | 180 | 13668 |
| May | 3409 | 3654 | 2627 | 718 | 1508 | 150 | 106 | 160 | 12322 |
| June | 3059 | 3284 | 2304 | 624 | 1414 | 134 | 104 | 148 | 11059 |
| July | 2835 | 2986 | 2056 | 558 | 1341 | 118 | 99 | 147 | 10124 |
| August | 2752 | 2749 | 1892 | 519 | 1273 | 107 | 92 | 152 | 9536 |
| September | 2781 | 2568 | 1803 | 500 | 1207 | 101 | 81 | 157 | 9219 |
| October | 2875 | 2448 | 1764 | 497 | 1149 | 100 | 70 | 160 | 9095 |
| November | 2988 | 2393 | 1758 | 512 | 1100 | 98 | 58 | 163 | 9130 |

[^0]

|  |  |  | ONAL | D | ge | ing |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | -4.7 | -6.1 | 8.5 | 16.1 | 3.2 | 5.3 | n.a. | n.a. | -3.4 |
| October | 5.7 | 9.8 | 12.1 | 2.6 | -4.9 | 14.9 | n.a. | n.a. | 8.2 |
| November | -8.3 | -2.3 | 0.2 | 9.2 | 7.1 | 20.6 | n.a. | n.a. | -2.6 |
| December | 6.7 | 7.7 | 14.2 | 6.1 | -2.0 | 0.4 | n.a. | n.a. | 4.9 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | -5.5 | 16.8 | 2.6 | 18.4 | 2.5 | 4.3 | n.a. | n.a. | 4.5 |
| February | -0.4 | -16.9 | -4.4 | -15.4 | -11.4 | -7.9 | n.a. | n.a. | -5.2 |
| March | -7.1 | 2.9 | -10.2 | -11.0 | -15.5 | 1.8 | n.a. | n.a. | -7.5 |
| April | -8.0 | -13.3 | -1.5 | -2.4 | -4.5 | -21.3 | n.a. | n.a. | -5.9 |
| May | 5.7 | -15.2 | 8.9 | -14.4 | -2.7 | 76.6 | n.a. | n.a. | -5.0 |
| June | -17.0 | 1.3 | -40.4 | -30.5 | 8.0 | -50.4 | n.a. | n.a. | -16.5 |
| July | -41.6 | 4.1 | -18.9 | 34.2 | -27.0 | -26.7 | n.a. | n.a. | -16.5 |
| August | 27.3 | -34.6 | 22.9 | -32.2 | -2.7 | -2.2 | n.a. | n.a. | -0.6 |
| September | 14.0 | 4.3 | -3.7 | -17.5 | 11.8 | 41.1 | n.a. | n.a. | -0.8 |
| October | 28.4 | -6.4 | -2.5 | 34.2 | -5.4 | -11.6 | n.a. | n.a. | 7.7 |
| November | -14.4 | 27.8 | 7.4 | 26.2 | -16.3 | 13.7 | n.a. | n.a. | 2.8 |

TREND ESTIMATES (\% change from preceding month)

| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | 0.5 | 4.3 | 6.4 | 6.8 | 1.8 | 7.2 | -0.9 | 6.9 | 2.8 |
| October | 0.4 | 4.6 | 7.5 | 8.1 | 1.2 | 8.1 | 2.8 | 10.5 | 2.8 |
| November | -0.4 | 4.5 | 6.6 | 7.6 | 0.0 | 5.9 | 3.7 | 10.4 | 2.4 |
| December | -1.3 | 3.1 | 5.1 | 5.5 | -1.9 | 4.6 | 1.0 | 6.7 | 1.5 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | -1.7 | 0.6 | 2.8 | 1.6 | -3.8 | 3.9 | -2.7 | 2.6 | 0.1 |
| February | -2.6 | -1.9 | -0.6 | -2.8 | -5.5 | 2.1 | -6.5 | -2.3 | -2.1 |
| March | -4.7 | -4.7 | -4.5 | -6.7 | -7.0 | -1.6 | -8.0 | -6.5 | -4.9 |
| April | -7.9 | -7.3 | -8.3 | -10.2 | -7.9 | -5.2 | -6.8 | -10.4 | -7.7 |
| May | -10.3 | -9.4 | -11.2 | -13.0 | -7.5 | -8.7 | -4.3 | -11.5 | -9.9 |
| June | -10.3 | -10.1 | -12.3 | -13.2 | -6.2 | -11.0 | -2.4 | -7.3 | -10.2 |
| July | -7.3 | -9.1 | -10.8 | -10.5 | -5.2 | -11.3 | -4.3 | -0.5 | -8.5 |
| August | -2.9 | -7.9 | -7.9 | -7.0 | -5.0 | -9.4 | -7.9 | 3.2 | -5.8 |
| September | 1.1 | -6.6 | -4.7 | -3.6 | -5.2 | -5.5 | -12.0 | 3.0 | -3.3 |
| October | 3.4 | -4.7 | -2.2 | -0.6 | -4.8 | -1.5 | -13.7 | 2.3 | -1.4 |
| November | 3.9 | -2.3 | -0.3 | 2.9 | -4.2 | -2.2 | -16.4 | 1.5 | 0.4 |


|  | New |  |  |  |  |  |  | Australian |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | South |  |  | South | Western |  | Northern | Capital |  |
|  | Wales | Victoria | Queensland | Australia | Australia | Tasmania | Territory | Territory | Australia |
| Month | no. | no. | no. | no. | no. | no. | no. | no. | no. |


|  | ORIGINAL |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | 2599 | 3340 | 2323 | 731 | 1615 | 114 | 57 | 185 | 10964 |
| October | 2563 | 2862 | 2009 | 667 | 1655 | 142 | 70 | 98 | 10066 |
| November | 2963 | 3394 | 2048 | 892 | 2031 | 154 | 88 | 127 | 11697 |
| December | 3029 | 3259 | 2205 | 736 | 1712 | 156 | 65 | 102 | 11264 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 2322 | 2523 | 1768 | 649 | 1385 | 139 | 53 | 116 | 8955 |
| February | 2649 | 3533 | 2374 | 836 | 1459 | 135 | 63 | 165 | 11214 |
| March | 2753 | 3557 | 2467 | 807 | 1477 | 150 | 71 | 142 | 11424 |
| April | 1942 | 2555 | 1796 | 561 | 1072 | 120 | 48 | 128 | 8222 |
| May | 2426 | 2529 | 2290 | 616 | 1363 | 159 | 41 | 149 | 9573 |
| June | 1765 | 2382 | 1073 | 517 | 1044 | 83 | 46 | 70 | 6980 |
| July | 1372 | 1842 | 977 | 443 | 906 | 83 | 35 | 52 | 5710 |
| August | 1589 | 1809 | 1344 | 450 | 1005 | 76 | 31 | 129 | 6433 |
| September | 1469 | 1753 | 1161 | 353 | 961 | 100 | 33 | 66 | 5896 |
| October | 1718 | 1518 | 1228 | 434 | 911 | 105 | 32 | 111 | 6057 |
| November | 1634 | 2360 | 1268 | 458 | 964 | 112 | 35 | 68 | 6899 |


| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | 2330 | 2977 | 1979 | 685 | 1647 | n.a. | n.a. | n.a. | 10119 |
| October | 2714 | 3007 | 1923 | 723 | 1673 | n.a. | n.a. | n.a. | 10141 |
| November | 2822 | 3199 | 1952 | 823 | 1865 | n.a. | n.a. | n.a. | 10981 |
| December | 3048 | 3492 | 2589 | 810 | 1743 | n.a. | n.a. | n.a. | 12129 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 2742 | 3340 | 2250 | 957 | 1742 | n.a. | n.a. | n.a. | 11236 |
| February | 2882 | 3515 | 2399 | 816 | 1556 | n.a. | n.a. | n.a. | 11475 |
| March | 2635 | 3236 | 2239 | 688 | 1375 | n.a. | n.a. | n.a. | 10612 |
| April | 2184 | 2887 | 1935 | 712 | 1232 | n.a. | n.a. | n.a. | 9379 |
| May | 2045 | 2234 | 2117 | 548 | 1158 | n.a. | n.a. | n.a. | 8303 |
| June | 1872 | 2392 | 1078 | 468 | 982 | n.a. | n.a. | n.a. | 6960 |
| July | 1301 | 1899 | 1009 | 407 | 917 | n.a. | n.a. | n.a. | 5733 |
| August | 1471 | 1584 | 1211 | 413 | 903 | n.a. | n.a. | n.a. | 5842 |
| September | 1400 | 1595 | 1068 | 338 | 1013 | n.a. | n.a. | n.a. | 5621 |
| October | 1723 | 1549 | 1155 | 448 | 888 | n.a. | n.a. | n.a. | 5815 |
| November | 1548 | 2244 | 1139 | 433 | 889 | n.a. | n.a. | n.a. | 6585 |

## TREND ESTIMATES

| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | 2636 | 2959 | 1921 | 683 | 1702 | n.a. | n.a. | n.a. | 10201 |
| October | 2715 | 3107 | 2032 | 746 | 1742 | n.a. | n.a. | n.a. | 10643 |
| November | 2800 | 3261 | 2154 | 804 | 1758 | n.a. | n.a. | n.a. | 11082 |
| December | 2857 | 3373 | 2271 | 842 | 1737 | n.a. | n.a. | n.a. | 11399 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 2852 | 3403 | 2346 | 846 | 1671 | n.a. | n.a. | n.a. | 11453 |
| February | 2754 | 3328 | 2329 | 812 | 1558 | n.a. | n.a. | n.a. | 11127 |
| March | 2557 | 3139 | 2204 | 747 | 1410 | n.a. | n.a. | n.a. | 10397 |
| April | 2289 | 2857 | 1980 | 659 | 1257 | n.a. | n.a. | n.a. | 9362 |
| May | 2008 | 2512 | 1705 | 567 | 1125 | n.a. | n.a. | n.a. | 8198 |
| June | 1769 | 2186 | 1450 | 490 | 1031 | n.a. | n.a. | n.a. | 7170 |
| July | 1607 | 1940 | 1261 | 440 | 974 | n.a. | n.a. | n.a. | 6433 |
| August | 1521 | 1793 | 1143 | 411 | 940 | n.a. | n.a. | n.a. | 6001 |
| September | 1486 | 1722 | 1082 | 397 | 917 | n.a. | n.a. | n.a. | 5795 |
| October | 1483 | 1707 | 1056 | 391 | 900 | n.a. | n.a. | n.a. | 5733 |
| November | 1497 | 1749 | 1048 | 400 | 891 | n.a. | n.a. | n.a. | 5799 |


|  | New |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | South |  |  | South | Western |  | Northern | Australian |  |
| Month | Wales | Victoria | Queensland | Australia | Australia | Tasmania | Territory | Capital Territory | Australia |
| ORIGINAL (\% change from preceding month) |  |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | -5.1 | 8.5 | 24.5 | 10.3 | -8.0 | 12.9 | 7.5 | 63.7 | 5.7 |
| October | -1.4 | -14.3 | -13.5 | -8.8 | 2.5 | 24.6 | 22.8 | -47.0 | -8.2 |
| November | 15.6 | 18.6 | 1.9 | 33.7 | 22.7 | 8.5 | 25.7 | 29.6 | 16.2 |
| December | 2.2 | -4.0 | 7.7 | -17.5 | -15.7 | 1.3 | -26.1 | -19.7 | -3.7 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | -23.3 | -22.6 | -19.8 | -11.8 | -19.1 | -10.9 | -18.5 | 13.7 | -20.5 |
| February | 14.1 | 40.0 | 34.3 | 28.8 | 5.3 | -2.9 | 18.9 | 42.2 | 25.2 |
| March | 3.9 | 0.7 | 3.9 | -3.5 | 1.2 | 11.1 | 12.7 | -13.9 | 1.9 |
| April | -29.5 | -28.2 | -27.2 | -30.5 | -27.4 | -20.0 | -32.4 | -9.9 | -28.0 |
| May | 24.9 | -1.0 | 27.5 | 9.8 | 27.1 | 32.5 | -14.6 | 16.4 | 16.4 |
| June | -27.2 | -5.8 | -53.1 | -16.1 | -23.4 | -47.8 | 12.2 | -53.0 | -27.1 |
| July | -22.3 | -22.7 | -8.9 | -14.3 | -13.2 | 0.0 | -23.9 | -25.7 | -18.2 |
| August | 15.8 | -1.8 | 37.6 | 1.6 | 10.9 | -8.4 | -11.4 | 148.1 | 12.7 |
| September | -7.6 | -3.1 | -13.6 | -21.6 | -4.4 | 31.6 | 6.5 | -48.8 | -8.3 |
| October | 17.0 | -13.4 | 5.8 | 22.9 | -5.2 | 5.0 | -3.0 | 68.2 | 2.7 |
| November | -4.9 | 55.5 | 3.3 | 5.5 | 5.8 | 6.7 | 9.4 | -38.7 | 13.9 |

SEASONALLY ADJUSTED (\% change from preceding month)

| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | -10.9 | 5.6 | 8.3 | 10.4 | 1.0 | n.a. | n.a. | n.a. | 3.9 |
| October | 16.5 | 1.0 | -2.8 | 5.6 | 1.6 | n.a. | n.a. | n.a. | 0.2 |
| November | 4.0 | 6.4 | 1.5 | 13.8 | 11.5 | n.a. | n.a. | n.a. | 8.3 |
| December | 8.0 | 9.1 | 32.6 | -1.5 | -6.6 | n.a. | n.a. | n.a. | 10.5 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | -10.1 | -4.3 | -13.1 | 18.2 | 0.0 | n.a. | n.a. | n.a. | -7.4 |
| February | 5.1 | 5.2 | 6.6 | -14.8 | -10.7 | n.a. | n.a. | n.a. | 2.1 |
| March | -8.6 | -8.0 | -6.6 | -15.7 | -11.6 | n.a. | n.a. | n.a. | -7.5 |
| April | -17.1 | -10.8 | -13.6 | 3.5 | -10.4 | n.a. | n.a. | n.a. | -11.6 |
| May | -6.3 | -22.6 | 9.4 | -23.1 | -6.0 | n.a. | n.a. | n.a. | -11.5 |
| June | -8.5 | 7.1 | -49.1 | -14.5 | -15.2 | n.a. | n.a. | n.a. | -16.2 |
| July | -30.5 | -20.6 | -6.4 | -13.1 | -6.6 | n.a. | n.a. | n.a. | -17.6 |
| August | 13.1 | -16.6 | 20.0 | 1.4 | -1.6 | n.a. | n.a. | n.a. | 1.9 |
| September | -4.8 | 0.7 | -11.8 | -18.0 | 12.1 | n.a. | n.a. | n.a. | -3.8 |
| October | 23.1 | -2.9 | 8.1 | 32.3 | -12.3 | n.a. | n.a. | n.a. | 3.5 |
| November | -10.1 | 44.8 | -1.4 | -3.2 | 0.1 | n.a. | n.a. | n.a. | 13.2 |

TREND ESTIMATES (\% change from preceding month)

| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | 2.2 | 4.7 | 4.2 | 8.4 | 2.9 | n.a. | n.a. | n.a. | 3.8 |
| October | 3.0 | 5.0 | 5.8 | 9.2 | 2.3 | n.a. | n.a. | n.a. | 4.3 |
| November | 3.1 | 4.9 | 6.0 | 7.8 | 0.9 | n.a. | n.a. | n.a. | 4.1 |
| December | 2.1 | 3.4 | 5.4 | 4.7 | -1.2 | n.a. | n.a. | n.a. | 2.9 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | -0.2 | 0.9 | 3.3 | 0.5 | -3.8 | n.a. | n.a. | n.a. | 0.5 |
| February | -3.4 | -2.2 | -0.7 | -4.0 | -6.8 | n.a. | n.a. | n.a. | -2.9 |
| March | -7.1 | -5.7 | -5.4 | -8.1 | -9.5 | n.a. | n.a. | n.a. | -6.6 |
| April | -10.5 | -9.0 | -10.1 | -11.7 | -10.9 | n.a. | n.a. | n.a. | -10.0 |
| May | -12.3 | -12.1 | -13.9 | -14.0 | -10.5 | n.a. | n.a. | n.a. | -12.4 |
| June | -11.9 | -13.0 | -14.9 | -13.5 | -8.3 | n.a. | n.a. | n.a. | -12.5 |
| July | -9.2 | -11.2 | -13.1 | -10.2 | -5.6 | n.a. | n.a. | n.a. | -10.3 |
| August | -5.3 | -7.6 | -9.3 | -6.5 | -3.5 | n.a. | n.a. | n.a. | -6.7 |
| September | -2.3 | -4.0 | -5.3 | -3.6 | -2.5 | n.a. | n.a. | n.a. | -3.4 |
| October | -0.3 | -0.9 | -2.5 | -1.4 | -1.8 | n.a. | n.a. | n.a. | -1.1 |
| November | 1.0 | 2.5 | -0.7 | 2.1 | -1.0 | n.a. | n.a. | n.a. | 1.2 |

TOTAL DWELLINGS APPROVED, By Capital City Statistical Division

|  | Sydney | Melbourne | Brisbane | Adelaide | Perth | Hoater | Hobart |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | no. | no. | no. | no. | no. | no. | no. |


| PRIVATE SECTOR |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997-1998 | 35102 | 27490 | 16686 | 4627 | 11930 | 617 | 1374 | 1347 |
| 1998-1999 | 34417 | 30165 | 13129 | 5350 | 14032 | 549 | 1143 | 1956 |
| 1999-2000 | 32549 | 38263 | 14966 | 6847 | 16054 | 813 | 931 | 2317 |
| 1999 |  |  |  |  |  |  |  |  |
| November | 3111 | 3504 | 1593 | 685 | 1878 | 79 | 114 | 170 |
| December | 2837 | 3219 | 1258 | 569 | 1506 | 66 | 116 | 132 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 2257 | 3394 | 1357 | 516 | 1242 | 83 | 91 | 247 |
| February | 2673 | 3566 | 1472 | 771 | 1415 | 76 | 88 | 331 |
| March | 2313 | 3874 | 1378 | 686 | 1199 | 63 | 43 | 170 |
| April | 2068 | 2804 | 1418 | 418 | 982 | 59 | 53 | 130 |
| May | 2986 | 2595 | 1451 | 588 | 1310 | 136 | 49 | 203 |
| June | 2043 | 2513 | 690 | 374 | 852 | 33 | 80 | 204 |
| July | 1171 | 2787 | 685 | 549 | 866 | 32 | 63 | 65 |
| August | 1744 | 2119 | 1120 | 371 | 946 | 17 | 36 | 160 |
| September | 1652 | 1848 | 1046 | 287 | 861 | 48 | 23 | 128 |
| October | 2406 | 1442 | 845 | 347 | 896 | 58 | 38 | 182 |
| November | 2412 | 2409 | 1102 | 493 | 838 | 52 | 21 | 124 |

PUBLIC SECTOR

| 1997-1998 | 745 | 752 | 475 | 180 | 882 | 6 | 172 | 49 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998-1999 | 1112 | 666 | 473 | 151 | 549 | 0 | 243 | 117 |
| 1999-2000 | 644 | 629 | 271 | 87 | 775 | 21 | 119 | 55 |
| 1999 |  |  |  |  |  |  |  |  |
| November | 47 | 59 | 4 | 12 | 14 | 1 | 36 | 35 |
| December | 30 | 70 | 19 | 0 | 72 | 3 | 4 | 5 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 62 | 19 | 20 | 0 | 49 | 0 | 5 | 0 |
| February | 93 | 56 | 20 | 2 | 40 | 0 | 22 | 3 |
| March | 28 | 9 | 25 | 0 | 55 | 0 | 5 | 1 |
| April | 96 | 40 | 12 | 4 | 40 | 3 | 0 | 0 |
| May | 41 | 40 | 10 | 7 | 26 | 0 | 23 | 0 |
| June | 94 | 43 | 119 | 5 | 296 | 1 | 24 | 0 |
| July | 70 | 36 | 7 | 3 | 6 | 0 | 0 | 11 |
| August | 52 | 32 | 7 | 13 | 34 | 6 | 0 | 10 |
| September | 71 | 32 | 1 | 0 | 21 | 5 | 20 | 2 |
| October | 20 | 68 | 7 | 0 | 28 | 3 | 12 | 3 |
| November | 75 | 15 | 19 | 7 | 23 | 0 | 0 | 1 |

## TOTAL

| 1997-1998 | 35847 | 28242 | 17161 | 4807 | 12812 | 623 | 1546 | 1396 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998-1999 | 35529 | 30831 | 13602 | 5501 | 14581 | 549 | 1386 | 2073 |
| 1999-2000 | 33193 | 38892 | 15237 | 6934 | 16829 | 834 | 1050 | 2372 |
| 1999 |  |  |  |  |  |  |  |  |
| November | 3158 | 3563 | 1597 | 697 | 1892 | 80 | 150 | 205 |
| December | 2867 | 3289 | 1277 | 569 | 1578 | 69 | 120 | 137 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 2319 | 3413 | 1377 | 516 | 1291 | 83 | 96 | 247 |
| February | 2766 | 3622 | 1492 | 773 | 1455 | 76 | 110 | 334 |
| March | 2341 | 3883 | 1403 | 686 | 1254 | 63 | 48 | 171 |
| April | 2164 | 2844 | 1430 | 422 | 1022 | 62 | 53 | 130 |
| May | 3027 | 2635 | 1461 | 595 | 1336 | 136 | 72 | 203 |
| June | 2137 | 2556 | 809 | 379 | 1148 | 34 | 104 | 204 |
| July | 1241 | 2823 | 692 | 552 | 872 | 32 | 63 | 76 |
| August | 1796 | 2151 | 1127 | 384 | 980 | 23 | 36 | 170 |
| September | 1723 | 1880 | 1047 | 287 | 882 | 53 | 43 | 130 |
| October | 2426 | 1510 | 852 | 347 | 924 | 61 | 50 | 185 |
| November | 2487 | 2424 | 1121 | 500 | 861 | 52 | 21 | 125 |


| State/Territory | New houses | New other residential building | Alterations and additions to residential buildings | Conversion(a) | Nonresidential building(a) | Total dwelling units |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PRIVATE SECTOR |  |  |  |  |  |  |
| New South Wales | 1634 | 1636 | 34 | 23 | 2 | 3329 |
| Victoria | 2359 | 578 | 90 | 41 | 4 | 3072 |
| Queensland | 1268 | 883 | 7 | 0 | 1 | 2159 |
| South Australia | 458 | 174 | 0 | 18 | 0 | 650 |
| Western Australia | 963 | 145 | 0 | 1 | 0 | 1109 |
| Tasmania | 112 | 4 | 0 | 0 | 0 | 116 |
| Northern Territory | 35 | 4 | 0 | 0 | 0 | 39 |
| Australian Capital Territory | 68 | 56 | 0 | 0 | 0 | 124 |
| Australia | 6897 | 3480 | 131 | 83 | 7 | 10598 |
| PUBLIC SECTOR |  |  |  |  |  |  |
| New South Wales | 7 | 69 | 2 | 0 | 0 | 78 |
| Victoria | 2 | 13 | 0 | 0 | 0 | 15 |
| Queensland | 3 | 16 | 0 | 0 | 0 | 19 |
| South Australia | 4 | 6 | 1 | 0 | 0 | 11 |
| Western Australia | 31 | 23 | 0 | 0 | 0 | 54 |
| Tasmania | 0 | 0 | 0 | 0 | 0 | 0 |
| Northern Territory | 22 | 0 | 0 | 0 | 0 | 22 |
| Australian Capital Territory | 1 | 0 | 0 | 0 | 0 | 1 |
| Australia | 70 | 127 | 3 | 0 | 0 | 200 |
| TOTAL |  |  |  |  |  |  |
| New South Wales | 1641 | 1705 | 36 | 23 | 2 | 3407 |
| Victoria | 2361 | 591 | 90 | 41 | 4 | 3087 |
| Queensland | 1271 | 899 | 7 | 0 | 1 | 2178 |
| South Australia | 462 | 180 | 1 | 18 | 0 | 661 |
| Western Australia | 994 | 168 | 0 | 1 | 0 | 1163 |
| Tasmania | 112 | 4 | 0 | 0 | 0 | 116 |
| Northern Territory | 57 | 4 | 0 | 0 | 0 | 61 |
| Australian Capital Territory | 69 | 56 | 0 | 0 | 0 | 125 |
| Australia | 6967 | 3607 | 134 | 83 | 7 | 10798 |

(a) See Glossary for definition.

DWELLING UNITS APPROVED IN NEW RESIDENTIAL BUILDINGS(a): Original

- •••••

NEW OTHER RESIDENTIAL BUILDING $\qquad$

Total new residential New Semi-detached, row or
terrace houses, townhouses, etc. of

Flats, units or apartments in a building of
Total
building

| One | Two or more | Total | One or two <br> storey | storeys |  | Three <br> storeys |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | | Four or more |
| :--- |
| storeys |$\quad$ storeys | Total |
| :--- |

NUMBER OF DWELLING UNITS

| 1997-1998 | 106991 | 11376 | 10403 | 21779 | 5116 | 6064 | 12547 | 23727 | 45506 | 152497 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998-1999 | 107182 | 10114 | 11940 | 22054 | 4701 | 5018 | 13768 | 23487 | 45541 | 152723 |
| 1999-2000 | 122226 | 10362 | 12586 | 22948 | 5197 | 4776 | 16322 | 26295 | 49243 | 171469 |
| 1999 |  |  |  |  |  |  |  |  |  |  |
| September | 11171 | 1188 | 1142 | 2330 | 259 | 304 | 1079 | 1642 | 3972 | 15143 |
| October | 10247 | 742 | 1176 | 1918 | 187 | 352 | 1617 | 2156 | 4074 | 14321 |
| November | 11842 | 821 | 919 | 1740 | 623 | 406 | 1451 | 2480 | 4220 | 16062 |
| December | 11366 | 737 | 1020 | 1757 | 354 | 288 | 1096 | 1738 | 3495 | 14861 |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| January | 9042 | 618 | 1115 | 1733 | 297 | 442 | 1782 | 2521 | 4254 | 13296 |
| February | 11368 | 1113 | 1471 | 2584 | 503 | 457 | 957 | 1917 | 4501 | 15869 |
| March | 11498 | 992 | 904 | 1896 | 380 | 354 | 938 | 1672 | 3568 | 15066 |
| April | 8297 | 818 | 952 | 1770 | 392 | 359 | 1007 | 1758 | 3528 | 11825 |
| May | 9730 | 771 | 1045 | 1816 | 467 | 625 | 1697 | 2789 | 4605 | 14335 |
| June | 7227 | 846 | 789 | 1635 | 945 | 292 | 918 | 2155 | 3790 | 11017 |
| July | 5782 | 609 | 564 | 1173 | 202 | 330 | 1120 | 1652 | 2825 | 8607 |
| August | 6526 | 701 | 507 | 1208 | 215 | 331 | 1278 | 1824 | 3032 | 9558 |
| September | 5977 | 612 | 607 | 1219 | 151 | 403 | 1018 | 1572 | 2791 | 8768 |
| October | 6157 | 661 | 723 | 1384 | 156 | 314 | 1286 | 1756 | 3140 | 9297 |
| November | 6967 | 535 | 622 | 1157 | 138 | 377 | 1935 | 2450 | 3607 | 10574 |

VALUE (\$ million)

| 1997-1998 | 11903.5 | 822.7 | 958.4 | 1780.9 | 423.2 | 548.3 | 1915.1 | 2886.8 | 4667.9 | 16571.3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1998-1999 | 12663.5 | 789.0 | 1185.3 | 1974.5 | 394.9 | 507.8 | 1970.5 | 2873.3 | 4847.6 | 17511.0 |
| 1999-2000 | 15573.0 | 864.4 | 1321.4 | 2185.7 | 485.3 | 499.4 | 2735.7 | 3720.5 | 5906.0 | 21478.9 |
| 1999 |  |  |  |  |  |  |  |  |  |  |
| September | 1386.9 | 98.2 | 122.8 | 221.0 | 24.8 | 33.3 | 146.6 | 204.7 | 425.6 | 1812.5 |
| October | 1292.9 | 59.6 | 119.5 | 179.1 | 18.4 | 34.0 | 214.0 | 266.4 | 445.4 | 1738.3 |
| November | 1500.7 | 65.9 | 91.4 | 157.3 | 60.1 | 39.8 | 209.6 | 309.5 | 466.8 | 1967.4 |
| December | 1453.5 | 60.9 | 107.5 | 168.4 | 29.3 | 29.5 | 218.3 | 277.1 | 445.5 | 1899.0 |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| January | 1164.3 | 54.4 | 115.8 | 170.2 | 24.1 | 46.0 | 371.6 | 441.7 | 612.0 | 1776.2 |
| February | 1464.5 | 100.3 | 145.2 | 245.5 | 47.2 | 56.5 | 167.0 | 270.7 | 516.2 | 1980.7 |
| March | 1495.5 | 79.8 | 100.4 | 180.2 | 44.2 | 41.0 | 140.8 | 226.0 | 406.2 | 1901.7 |
| April | 1067.8 | 64.5 | 100.1 | 164.6 | 42.3 | 33.1 | 173.7 | 249.1 | 413.7 | 1481.5 |
| May | 1272.1 | 68.6 | 124.2 | 192.8 | 40.6 | 63.8 | 330.5 | 435.0 | 627.8 | 1899.9 |
| June | 952.4 | 66.9 | 84.0 | 150.9 | 83.4 | 34.0 | 163.8 | 281.2 | 432.0 | 1384.5 |
| July | 780.3 | 47.1 | 69.0 | 116.1 | 19.7 | 49.0 | 221.5 | 290.3 | 406.4 | 1186.7 |
| August | 888.4 | 63.3 | 66.0 | 129.3 | 27.7 | 40.9 | 197.1 | 265.7 | 395.0 | 1283.4 |
| September | 804.8 | 52.0 | 76.7 | 128.7 | 12.7 | 42.5 | 161.4 | 216.7 | 345.4 | 1150.2 |
| October | 838.1 | 53.9 | 81.1 | 135.0 | 29.7 | 35.4 | 195.5 | 260.7 | 395.6 | 1233.7 |
| November | 971.8 | 43.8 | 65.5 | 109.3 | 13.5 | 43.8 | 316.4 | 373.6 | 482.9 | 1454.7 |

(a) See Glossary for definition.

VALUE OF BUILDING APPROVED, Chain Volume Measures(a)

| Period | New houses | New other residential building | New residential building | Alterations and additions to residential buildings(b) | Total residential building | Nonresidential building | Total building |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ORIGINAL (\$ million) |  |  |  |  |  |  |  |
| 1997-1998 | 12156.8 | 4866.0 | 17019.6 | 3086.4 | 20107.3 | 14943.1 | 35039.4 |
| 1998-1999 | 12663.5 | 4847.6 | 17511.1 | 2918.2 | 20429.3 | 12568.4 | 32997.7 |
| 1999-2000 | 14695.8 | 5532.4 | 20228.2 | 3302.4 | 23530.6 | 11682.2 | 35212.7 |
| 1999 |  |  |  |  |  |  |  |
| June | 3409.2 | 1240.5 | 4650.7 | 722.1 | 5372.6 | 2770.3 | 8145.0 |
| September | 3810.1 | 1493.4 | 5303.4 | 879.2 | 6182.6 | 3191.6 | 9374.2 |
| December | 4056.9 | 1304.3 | 5361.3 | 814.6 | 6175.9 | 2648.3 | 8824.1 |
| 2000 |  |  |  |  |  |  |  |
| March | 3825.8 | 1417.2 | 5243.1 | 803.5 | 6046.5 | 2685.8 | 8732.3 |
| June | 3003.0 | 1317.5 | 4320.5 | 805.2 | 5125.6 | 3156.5 | 8282.2 |
| September | 2064.9 | 986.7 | 3051.5 | 619.9 | 3671.4 | 3033.0 | 6704.4 |


| SEASONALLY ADJUSTED (\$ million) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |
| June | 3366.3 | 1222.4 | 4590.0 | 727.7 | 5317.6 | 2879.2 | 8198.6 |
| September | 3562.7 | 1440.5 | 5003.9 | 851.1 | 5854.8 | 2820.1 | 8677.0 |
| December | 4092.7 | 1330.2 | 5423.3 | 808.0 | 6231.5 | 2704.5 | 8936.5 |
| 2000 |  |  |  |  |  |  |  |
| March | 4062.1 | 1491.2 | 5553.2 | 837.8 | 6391.2 | 2818.9 | 9211.8 |
| June | 2978.3 | 1270.5 | 4247.8 | 805.6 | 5053.2 | 3338.6 | 8387.5 |
| September | 1955.5 | 981.0 | 2936.1 | 598.5 | 3534.4 | 2789.0 | 6336.1 |

TREND ESTIMATES (\$ million)

| $\mathbf{1 9 9 9}$ |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| June | 3384.5 | 1270.0 | 4655.6 | 760.2 | 5415.7 | 3076.7 | 8493.8 |
| September | 3735.5 | 1346.7 | 5083.2 | 804.8 | 5888.0 | 2804.4 | 8694.4 |
| December | 3996.4 | 1430.7 | 5427.4 | 841.5 | 6269.0 | 2761.1 | 9030.4 |
| $\mathbf{2 0 0 0}$ |  |  |  |  |  |  |  |
| March | 3733.7 | 1382.0 | 5116.1 | 820.9 | 5937.2 | 2923.1 | 8851.4 |
| June | 3051.6 | 1248.6 | 4300.3 | 754.5 | 5054.8 | 3015.7 | 8065.7 |
| September | 2180.7 | 1098.7 | 3262.0 | 668.7 | 3930.4 | 3016.9 | $\mathbf{7 1 4 9 . 7}$ |
| $\mathbf{1 9 9 9}$ |  |  |  |  |  |  |  |


| TREND ESTIMATES (\% change from preceding quarter) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| June | 6.9 | 3.8 | 6.0 | 5.7 | 6.0 | -3.3 | 2.4 |
| September | 10.4 | 6.0 | 9.2 | 5.9 | 8.7 | -8.8 | 2.4 |
| December | 7.0 | 6.2 | 6.8 | 4.6 | 6.5 | -1.5 | 3.9 |
| 2000 |  |  |  |  |  |  |  |
| March | -6.6 | -3.4 | -5.7 | -2.4 | -5.3 | 5.9 | -2.0 |
| June | -18.3 | -9.7 | -15.9 | -8.1 | -14.9 | 3.2 | -8.9 |
| September | -28.5 | -12.0 | -24.1 | -11.4 | -22.2 | 0.0 | -11.4 |

(a) Reference year for chain volume measures is 1998-1999.

Refer to Explanatory Notes paragraph 25.
(b) Refer to Explanatory Notes paragraph 16.


| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | 880.4 | 824.1 | 480.2 | 136.2 | 411.4 | n.a. | n.a. | n.a. | 2799.0 |
| October | 930.9 | 852.0 | 562.3 | 140.8 | 367.5 | n.a. | n.a. | n.a. | 2942.4 |
| November | 959.1 | 842.7 | 567.9 | 145.7 | 360.2 | n.a. | n.a. | n.a. | 3096.3 |
| December | 1061.6 | 956.7 | 600.1 | 260.2 | 334.3 | n.a. | n.a. | n.a. | 3275.8 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 1092.9 | 1106.9 | 643.8 | 159.8 | 351.7 | n.a. | n.a. | n.a. | 3371.9 |
| February | 1060.1 | 916.1 | 558.1 | 164.8 | 385.7 | n.a. | n.a. | n.a. | 3304.0 |
| March | 1158.8 | 934.1 | 530.0 | 150.3 | 294.2 | n.a. | n.a. | n.a. | 3165.1 |
| April | 1193.4 | 1057.0 | 647.0 | 168.7 | 323.6 | n.a. | n.a. | n.a. | 3552.1 |
| May | 972.0 | 712.4 | 610.6 | 153.8 | 331.8 | n.a. | n.a. | n.a. | 2911.8 |
| June | 878.0 | 946.6 | 334.1 | 94.8 | 273.5 | n.a. | n.a. | n.a. | 2612.8 |
| July | 599.7 | 1266.6 | 341.3 | 129.8 | 257.7 | n.a. | n.a. | n.a. | 2553.4 |
| August | 592.5 | 623.3 | 398.0 | 148.7 | 236.8 | n.a. | n.a. | n.a. | 2109.0 |
| September | 830.7 | 686.5 | 452.0 | 80.6 | 275.7 | n.a. | n.a. | n.a. | 2476.8 |
| October | 906.0 | 635.7 | 532.4 | 124.8 | 256.1 | n.a. | n.a. | n.a. | 2462.3 |
| November | 753.7 | 766.9 | 463.5 | 115.1 | 202.4 | n.a. | n.a. | n.a. | 2417.8 |

## TREND ESTIMATES

| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | 1013.1 | 846.7 | 496.7 | 133.6 | 367.7 | n.a. | n.a. | n.a. | 2964.2 |
| October | 985.7 | 878.4 | 530.1 | 139.7 | 372.0 | n.a. | n.a. | n.a. | 3012.9 |
| November | 986.2 | 914.2 | 561.4 | 146.1 | 367.8 | n.a. | n.a. | n.a. | 3084.7 |
| December | 1023.2 | 947.1 | 588.1 | 153.3 | 359.6 | n.a. | n.a. | n.a. | 3184.8 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 1078.5 | 962.5 | 607.1 | 158.8 | 351.6 | n.a. | n.a. | n.a. | 3282.5 |
| February | 1121.2 | 969.0 | 608.3 | 160.1 | 343.3 | n.a. | n.a. | n.a. | 3333.4 |
| March | 1116.9 | 969.5 | 586.8 | 157.6 | 333.0 | n.a. | n.a. | n.a. | 3291.9 |
| April | 1054.2 | 965.2 | 546.2 | 151.5 | 319.1 | n.a. | n.a. | n.a. | 3155.3 |
| May | 956.7 | 950.0 | 496.4 | 142.5 | 302.4 | n.a. | n.a. | n.a. | 2953.6 |
| June | 855.9 | 920.9 | 452.3 | 132.8 | 285.8 | n.a. | n.a. | n.a. | 2737.2 |
| July | 780.8 | 879.0 | 426.1 | 124.7 | 271.4 | n.a. | n.a. | n.a. | 2556.9 |
| August | 743.4 | 823.4 | 419.4 | 119.0 | 259.5 | n.a. | n.a. | n.a. | 2435.8 |
| September | 738.9 | 765.0 | 429.2 | 115.2 | 248.0 | n.a. | n.a. | n.a. | 2369.5 |
| October | 750.4 | 713.1 | 445.8 | 112.4 | 237.1 | n.a. | n.a. | n.a. | 2335.6 |
| November | 777.8 | 684.3 | 469.7 | 111.9 | 228.0 | n.a. | n.a. | n.a. | 2355.8 |


| Reference Month | New <br> South <br> Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Northern Territory | Australian <br> Capital <br> Territory | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Tasmania |  |  | Australia |
|  | ORIGINAL (\% change from preceding month) |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | -30.3 | -11.7 | 19.0 | 18.6 | 6.1 | 49.5 | -25.8 | 47.6 | -11.1 |
| October | -3.1 | -3.2 | 5.8 | -18.4 | 0.3 | -23.0 | 14.0 | -36.7 | -2.7 |
| November | 10.7 | 4.8 | 25.3 | 22.2 | 4.2 | -12.9 | 96.8 | 126.9 | 13.4 |
| December | -2.5 | 4.4 | -30.4 | 49.5 | -23.6 | 31.9 | -53.8 | -63.7 | -8.8 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | -2.5 | 3.5 | 8.9 | -50.3 | -11.8 | -6.5 | 11.7 | 42.5 | -2.9 |
| February | -0.1 | 8.1 | -0.8 | 53.0 | 45.8 | 32.3 | 19.8 | 103.7 | 10.8 |
| March | 13.5 | -5.1 | 5.0 | 0.3 | -21.9 | -25.5 | -15.3 | -63.0 | -1.6 |
| April | -1.9 | -10.0 | -2.8 | -22.4 | -10.7 | -18.3 | -9.5 | 43.5 | -6.3 |
| May | 3.4 | -8.3 | 23.4 | 20.4 | 50.8 | 97.9 | -12.4 | 187.4 | 12.1 |
| June | -21.8 | 10.7 | -42.3 | -38.8 | -30.9 | -38.7 | 100.3 | -62.6 | -20.9 |
| July | -22.4 | 29.4 | -6.1 | 53.8 | -11.1 | -43.4 | -66.0 | -41.7 | 0.2 |
| August | 14.1 | -35.5 | 30.4 | 3.9 | 4.2 | 34.0 | 398.9 | 42.1 | -4.2 |
| September | 0.5 | -6.4 | 6.2 | -47.2 | -4.2 | 61.2 | -63.3 | -28.9 | -5.8 |
| October | 22.7 | -10.1 | 5.1 | 35.6 | 6.9 | -19.6 | -32.5 | 60.4 | 7.4 |
| November | -8.9 | 32.4 | 10.5 | 11.0 | -17.4 | -6.2 | 16.1 | -41.2 | 4.7 |


| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | -22.5 | -4.3 | 22.4 | 15.7 | 18.4 | n.a. | n.a. | n.a. | -4.2 |
| October | 5.7 | 3.4 | 17.1 | 3.4 | -10.7 | n.a. | n.a. | n.a. | 5.1 |
| November | 3.0 | -1.1 | 1.0 | 3.5 | -2.0 | n.a. | n.a. | n.a. | 5.2 |
| December | 10.7 | 13.5 | 5.7 | 78.5 | -7.2 | n.a. | n.a. | n.a. | 5.8 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 2.9 | 15.7 | 7.3 | -38.6 | 5.2 | n.a. | n.a. | n.a. | 2.9 |
| February | -3.0 | -17.2 | -13.3 | 3.1 | 9.7 | n.a. | n.a. | n.a. | -2.0 |
| March | 9.3 | 2.0 | -5.0 | -8.8 | -23.7 | n.a. | n.a. | n.a. | -4.2 |
| April | 3.0 | 13.2 | 22.1 | 12.2 | 10.0 | n.a. | n.a. | n.a. | 12.2 |
| May | -18.5 | -32.6 | -5.6 | -8.8 | 2.5 | n.a. | n.a. | n.a. | -18.0 |
| June | -9.7 | 32.9 | -45.3 | -38.3 | -17.5 | n.a. | n.a. | n.a. | -10.3 |
| July | -31.7 | 33.8 | 2.1 | 36.9 | -5.8 | n.a. | n.a. | n.a. | -2.3 |
| August | -1.2 | -50.8 | 16.6 | 14.5 | -8.1 | n.a. | n.a. | n.a. | -17.4 |
| September | 40.2 | 10.1 | 13.6 | -45.8 | 16.4 | n.a. | n.a. | n.a. | 17.4 |
| October | 9.1 | -7.4 | 17.8 | 54.9 | -7.1 | n.a. | n.a. | n.a. | -0.6 |
| November | -16.8 | 20.6 | -12.9 | -7.8 | -21.0 | n.a. | n.a. | n.a. | -1.8 |

TREND ESTIMATES (\% change from preceding month)

| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| September | -3.1 | 3.7 | 4.8 | 4.1 | 3.4 | n.a. | n.a. | n.a. | 1.3 |
| October | -2.7 | 3.7 | 6.7 | 4.6 | 1.2 | n.a. | n.a. | n.a. | 1.6 |
| November | 0.1 | 4.1 | 5.9 | 4.6 | -1.1 | n.a. | n.a. | n.a. | 2.4 |
| December | 3.7 | 3.6 | 4.7 | 4.9 | -2.2 | n.a. | n.a. | n.a. | 3.2 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 5.4 | 1.6 | 3.2 | 3.6 | -2.2 | n.a. | n.a. | n.a. | 3.1 |
| February | 4.0 | 0.7 | 0.2 | 0.8 | -2.4 | n.a. | n.a. | n.a. | 1.6 |
| March | -0.4 | 0.1 | -3.5 | -1.6 | -3.0 | n.a. | n.a. | n.a. | -1.2 |
| April | -5.6 | -0.4 | -6.9 | -3.9 | -4.2 | n.a. | n.a. | n.a. | -4.1 |
| May | -9.3 | -1.6 | -9.1 | -5.9 | -5.2 | n.a. | n.a. | n.a. | -6.4 |
| June | -10.5 | -3.1 | -8.9 | -6.8 | -5.5 | n.a. | n.a. | n.a. | -7.3 |
| July | -8.8 | -4.5 | -5.8 | -6.1 | -5.0 | n.a. | n.a. | n.a. | -6.6 |
| August | -4.8 | -6.3 | -1.6 | -4.6 | -4.4 | n.a. | n.a. | n.a. | -4.7 |
| September | -0.6 | -7.1 | 2.3 | -3.2 | -4.4 | n.a. | n.a. | n.a. | -2.7 |
| October | 1.6 | -6.8 | 3.9 | -2.4 | -4.4 | n.a. | n.a. | n.a. | -1.4 |
| November | 3.7 | -4.0 | 5.4 | -0.4 | -3.8 | n.a. | n.a. | n.a. | 0.9 |



| TREND ESTIMATES |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | 318.6 | 237.9 | 154.2 | 37.7 | 110.9 | n.a. | n.a. | n.a. | 907.3 |
| October | 294.2 | 233.1 | 159.7 | 37.6 | 108.9 | n.a. | n.a. | n.a. | 879.4 |
| November | 297.6 | 232.1 | 165.3 | 37.0 | 101.3 | n.a. | n.a. | n.a. | 875.7 |
| December | 335.5 | 237.5 | 171.2 | 37.9 | 93.0 | n.a. | n.a. | n.a. | 913.2 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 389.0 | 245.7 | 178.1 | 40.2 | 88.9 | n.a. | n.a. | n.a. | 979.7 |
| February | 436.9 | 266.0 | 182.6 | 42.9 | 89.4 | n.a. | n.a. | n.a. | 1056.7 |
| March | 455.0 | 298.4 | 180.9 | 46.4 | 93.2 | n.a. | n.a. | n.a. | 1109.8 |
| April | 435.8 | 337.9 | 174.4 | 50.0 | 96.8 | n.a. | n.a. | n.a. | 1130.8 |
| May | 391.4 | 370.9 | 166.2 | 52.6 | 98.2 | n.a. | n.a. | n.a. | 1116.6 |
| June | 338.3 | 384.7 | 161.3 | 53.4 | 97.6 | n.a. | n.a. | n.a. | 1072.4 |
| July | 293.5 | 375.1 | 164.0 | 52.7 | 95.4 | n.a. | n.a. | n.a. | 1013.4 |
| August | 268.9 | 346.9 | 174.3 | 51.5 | 91.9 | n.a. | n.a. | n.a. | 964.9 |
| September | 263.8 | 311.0 | 189.9 | 50.4 | 87.3 | n.a. | n.a. | n.a. | 934.3 |
| October | 267.0 | 274.0 | 205.5 | 48.9 | 81.8 | n.a. | n.a. | n.a. | 909.8 |
| November | 284.0 | 251.6 | 224.7 | 48.0 | 77.0 | n.a. | n.a. | n.a. | 920.1 |

(a) Seasonally adjusted data is not available due to the volatility
of the data.

| Reference Month | New <br> South <br> Wales | Victoria | Queensland | South <br> Australia | Western Australia | Tasmania | Northern Territory | Australian <br> Capital <br> Territory | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ORIGINAL (\% change from preceding month) |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | -54.2 | -13.2 | 11.4 | 31.1 | 18.8 | 128.7 | -54.1 | -67.0 | -25.8 |
| October | 2.2 | -1.9 | 12.5 | -35.8 | 1.6 | -57.7 | 67.8 | 234.4 | 0.4 |
| November | 3.7 | -2.1 | 83.8 | 14.6 | -30.1 | -37.0 | 148.3 | 281.3 | 17.3 |
| December | 1.6 | 12.9 | -75.2 | 257.9 | -35.0 | 111.0 | -83.8 | -82.8 | -17.8 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 28.9 | -11.7 | 176.2 | -85.7 | -7.9 | -51.5 | 138.5 | -19.4 | 7.0 |
| February | -21.6 | 38.5 | -42.8 | 134.0 | 79.9 | 236.6 | 3.9 | 340.1 | 4.2 |
| March | 56.9 | -33.7 | 13.6 | 36.1 | -28.2 | -54.2 | 43.4 | -84.4 | 2.2 |
| April | 19.9 | 51.7 | 25.7 | -0.5 | 18.1 | -18.4 | -24.9 | 372.5 | 27.2 |
| May | -41.6 | -26.6 | 19.3 | 12.7 | 68.9 | 113.8 | -52.3 | 317.2 | -11.1 |
| June | 12.4 | 46.0 | -29.7 | -63.2 | -43.4 | -2.4 | 227.5 | -80.3 | -7.3 |
| July | -18.3 | 59.7 | 19.9 | 148.9 | 21.3 | -56.5 | -75.4 | -20.3 | 20.0 |
| August | -4.1 | -52.2 | 8.7 | 48.0 | -8.2 | 47.1 | 1311.9 | -31.4 | -17.7 |
| September | 12.6 | 9.0 | 27.3 | -67.2 | -0.7 | 117.6 | -71.8 | -27.1 | 1.1 |
| October | 23.2 | -22.8 | 7.0 | 54.2 | 16.4 | -45.7 | -64.2 | 76.1 | 3.6 |
| November | -29.2 | 28.9 | 8.7 | 6.4 | -42.7 | 3.9 | 70.8 | -65.1 | -6.9 |


|  |  |  | D | \% ch | m pre | on |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1999 |  |  |  |  |  |  |  |  |  |
| September | -8.8 | -1.3 | -0.4 | 1.8 | 4.8 | n.a. | n.a. | n.a. | -3.1 |
| October | -7.7 | -2.0 | 3.6 | -0.4 | -1.7 | n.a. | n.a. | n.a. | -3.1 |
| November | 1.2 | -0.4 | 3.5 | -1.5 | -7.0 | n.a. | n.a. | n.a. | -0.4 |
| December | 12.7 | 2.3 | 3.6 | 2.3 | -8.2 | n.a. | n.a. | n.a. | 4.3 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 16.0 | 3.4 | 4.0 | 6.1 | -4.4 | n.a. | n.a. | n.a. | 7.3 |
| February | 12.3 | 8.2 | 2.5 | 6.8 | 0.6 | n.a. | n.a. | n.a. | 7.9 |
| March | 4.2 | 12.2 | -0.9 | 8.3 | 4.2 | n.a. | n.a. | n.a. | 5.0 |
| April | -4.2 | 13.2 | -3.6 | 7.6 | 3.9 | n.a. | n.a. | n.a. | 1.9 |
| May | -10.2 | 9.8 | -4.7 | 5.1 | 1.5 | n.a. | n.a. | n.a. | -1.3 |
| June | -13.6 | 3.7 | -3.0 | 1.6 | -0.6 | n.a. | n.a. | n.a. | -4.0 |
| July | -13.2 | -2.5 | 1.6 | -1.3 | -2.3 | n.a. | n.a. | n.a. | -5.5 |
| August | -8.4 | -7.5 | 6.3 | -2.2 | -3.6 | n.a. | n.a. | n.a. | -4.8 |
| September | -1.9 | -10.3 | 9.0 | -2.1 | -5.0 | n.a. | n.a. | n.a. | -3.2 |
| October | 1.2 | -11.9 | 8.2 | -2.9 | -6.4 | n.a. | n.a. | n.a. | -2.6 |
| November | 6.4 | -8.2 | 9.3 | -1.9 | -5.8 | n.a. | n.a. | n.a. | 1.1 |

(a) Seasonally adjusted data is not available due to the volatility of the data.

|  | New houses | New other residential building | Alterations and additions creating dwellings | Alterations and additions not creating dwellings | Conversion(a) | Total residential building | Nonresidential building(a) | Total building |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State/Territory | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| PRIVATE SECTOR |  |  |  |  |  |  |  |  |
| New South Wales | 243.7 | 246.6 | 2.5 | 78.9 | 2.8 | 574.5 | 218.8 | 793.3 |
| Victoria | 348.1 | 89.3 | 6.2 | 87.7 | 3.1 | 534.6 | 226.5 | 761.0 |
| Queensland | 171.2 | 95.9 | 1.0 | 35.5 | 0.0 | 303.6 | 155.4 | 459.1 |
| South Australia | 49.3 | 13.2 | 0.0 | 12.8 | 1.8 | 77.1 | 31.4 | 108.5 |
| Western Australia | 123.3 | 16.6 | 0.0 | 16.4 | 0.1 | 156.4 | 50.1 | 206.5 |
| Tasmania | 11.9 | 0.3 | 0.0 | 3.5 | 0.0 | 15.6 | 9.6 | 25.2 |
| Northern Territory | 4.5 | 0.5 | 0.0 | 2.1 | 0.0 | 7.1 | 3.2 | 10.3 |
| Australian Capital Territory | 10.5 | 7.1 | 0.0 | 4.4 | 0.0 | 22.0 | 3.1 | 25.2 |
| Australia | 962.4 | 469.6 | 9.8 | 241.4 | 7.7 | 1691.0 | 698.1 | 2389.1 |
| PUBLIC SECTOR |  |  |  |  |  |  |  |  |
| New South Wales | 0.9 | 9.1 | 0.5 | 0.5 | 0.0 | 11.0 | 50.7 | 61.7 |
| Victoria | 0.2 | 0.9 | 0.0 | 0.7 | 0.0 | 1.8 | 63.9 | 65.6 |
| Queensland | 0.2 | 1.1 | 0.0 | 0.2 | 0.0 | 1.5 | 107.8 | 109.2 |
| South Australia | 0.3 | 0.5 | 0.1 | 0.3 | 0.0 | 1.3 | 16.8 | 18.1 |
| Western Australia | 3.8 | 1.8 | 0.0 | 0.0 | 0.0 | 5.7 | 11.6 | 17.2 |
| Tasmania | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.5 | 3.5 |
| Northern Territory | 3.6 | 0.0 | 0.0 | 0.5 | 0.0 | 4.1 | 7.7 | 11.8 |
| Australian Capital Territory | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 1.5 | 1.7 |
| Australia | 9.4 | 13.3 | 0.6 | 2.2 | 0.0 | 25.6 | 263.4 | 289.0 |
| TOTAL |  |  |  |  |  |  |  |  |
| New South Wales | 244.6 | 255.7 | 3.0 | 79.4 | 2.8 | 585.5 | 269.6 | 855.1 |
| Victoria | 348.3 | 90.2 | 6.2 | 88.5 | 3.1 | 536.3 | 290.4 | 826.7 |
| Queensland | 171.4 | 96.9 | 1.0 | 35.7 | 0.0 | 305.1 | 263.2 | 568.3 |
| South Australia | 49.6 | 13.7 | 0.1 | 13.1 | 1.8 | 78.3 | 48.2 | 126.6 |
| Western Australia | 127.1 | 18.5 | 0.0 | 16.4 | 0.1 | 162.0 | 61.6 | 223.7 |
| Tasmania | 11.9 | 0.3 | 0.0 | 3.5 | 0.0 | 15.7 | 13.1 | 28.8 |
| Northern Territory | 8.1 | 0.5 | 0.0 | 2.6 | 0.0 | 11.3 | 10.9 | 22.1 |
| Australian Capital Territory | 10.7 | 7.1 | 0.0 | 4.4 | 0.0 | 22.2 | 4.6 | 26.9 |
| Australia | 971.8 | 482.9 | 10.4 | 243.7 | 7.7 | 1716.5 | 961.5 | 2678.0 |

[^1]|  | Hotels, mo and other short term accommodation | Shops | Factories | Offices | Other business premises | Educational | Religious | Health | Entertainment and recreational | Miscellaneous | Total nonresidential building |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State/Territory | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| PRIVATE SECTOR |  |  |  |  |  |  |  |  |  |  |  |
| New South Wales | 17.8 | 29.5 | 20.6 | 92.5 | 28.1 | 7.2 | 7.9 | 1.0 | 4.9 | 9.5 | 218.8 |
| Victoria | 3.5 | 32.9 | 26.3 | 40.9 | 64.9 | 26.2 | 3.5 | 14.9 | 5.6 | 7.8 | 226.5 |
| Queensland | 3.9 | 24.5 | 18.2 | 18.2 | 48.7 | 12.5 | 2.8 | 2.7 | 18.2 | 5.6 | 155.4 |
| South Australia | 0.1 | 4.7 | 1.8 | 7.4 | 6.1 | 3.4 | 0.6 | 5.8 | 0.0 | 1.7 | 31.4 |
| Western Australia | 4.9 | 10.9 | 5.3 | 9.2 | 11.2 | 4.5 | 0.5 | 0.1 | 1.3 | 2.3 | 50.1 |
| Tasmania | 0.6 | 1.9 | 0.2 | 1.8 | 0.7 | 0.8 | 0.2 | 0.6 | 2.3 | 0.5 | 9.6 |
| Northern Territory | 0.0 | 0.2 | 0.4 | 0.7 | 0.4 | 0.0 | 0.0 | 0.3 | 0.0 | 1.2 | 3.2 |
| Australian Capital Territory | 0.0 | 0.4 | 0.0 | 2.0 | 0.4 | 0.1 | 0.0 | 0.3 | 0.0 | 0.0 | 3.1 |
| Australia | 30.8 | 104.9 | 72.8 | 172.7 | 160.4 | 54.7 | 15.5 | 25.5 | 32.3 | 28.5 | 698.1 |

## PUBLIC SECTOR

| New South Wales | 0.0 | 0.8 | 0.0 | 10.8 | 19.9 | 9.2 | 0.0 | 4.6 | 0.6 | 4.9 | 50.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Victoria | 0.3 | 0.1 | 0.0 | 3.5 | 1.9 | 28.3 | 0.0 | 8.6 | 18.2 | 3.1 | 63.9 |
| Queensland | 0.0 | 0.3 | 0.3 | 1.5 | 10.0 | 24.4 | 0.0 | 56.0 | 15.2 | 0.1 | 107.8 |
| South Australia | 0.0 | 0.4 | 0.0 | 1.6 | 0.2 | 13.1 | 0.0 | 1.2 | 0.4 | 0.0 | 16.8 |
| Western Australia | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 3.8 | 0.0 | 0.0 | 1.7 | 5.5 | 11.6 |
| Tasmania | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 | 2.5 | 0.0 | 0.6 | 0.0 | 0.2 | 3.5 |
| Northern Territory | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 6.6 | 0.0 | 0.4 | 0.0 | 0.5 | 7.7 |
| Australian Capital Territory | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 1.5 |
| Australia | 0.4 | 1.5 | 0.4 | 19.4 | 32.0 | 87.8 | 0.0 | 71.5 | 36.1 | 14.2 | 263.4 |

TOTAL

|  | 17.8 | 30.3 | 20.6 | 103.2 | 48.0 | 16.3 | 7.9 | 5.6 | 5.5 | 14.4 | 269.6 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| New South Wales | 3.8 | 33.0 | 26.3 | 44.4 | 66.8 | 54.4 | 3.5 | 23.4 | 23.8 | 10.9 | 290.4 |
| Victoria | 3.9 | 24.8 | 18.5 | 19.7 | 58.7 | 36.9 | 2.8 | 58.7 | 33.4 | 5.7 | 263.2 |
| Queensland | 0.1 | 5.1 | 1.8 | 8.9 | 6.2 | 16.5 | 0.6 | 7.0 | 0.4 | 1.7 | 48.2 |
| South Australia | 4.9 | 10.9 | 5.3 | 9.7 | 11.2 | 8.3 | 0.5 | 0.1 | 3.0 | 7.8 |  |
| Western Australia | 0.7 | 1.9 | 0.3 | 1.8 | 0.7 | 3.3 | 0.2 | 1.3 | 2.3 | 0.6 | 13.1 |
| Tasmania | 0.0 | 0.2 | 0.4 | 0.9 | 0.4 | 6.6 | 0.0 | 0.7 | 0.0 | 1.7 | 10.9 |
| Northern Territory | 0.4 | 0.0 | 3.4 | 0.4 | 0.1 | 0.0 | 0.3 | 0.0 | 0.0 | 4.6 |  |
| Australian Capital Territory | 0.0 |  |  |  |  |  |  |  |  |  |  |
|  |  | 106.5 | 73.2 | 192.1 | 192.4 | 142.5 | 15.5 | 97.1 | 68.4 | 42.8 | 961.5 |


|  | Hotels, motels and other short term accommodation... |  | Shops................ |  | Factories................ |  | Offices................ |  | Other business premises. |  | Educational.......... |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | no. | \$m | no. | \$m | no. | \$m | no. | \$m | no. | \$m | no. | \$m |
| Value-\$50,000-\$199,999 |  |  |  |  |  |  |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |
| September | 63 | 6.2 | 341 | 30.9 | 68 | 7.2 | 192 | 19.8 | 126 | 13.0 | 66 | 7.0 |
| October | 42 | 4.0 | 330 | 29.6 | 69 | 7.1 | 195 | 19.0 | 119 | 12.3 | 59 | 5.9 |
| November | 34 | 3.4 | 332 | 30.2 | 74 | 8.1 | 190 | 18.8 | 130 | 13.0 | 106 | 10.8 |
| Value-\$200,000-\$499,999 |  |  |  |  |  |  |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |
| September | 14 | 4.0 | 64 | 18.4 | 43 | 13.1 | 73 | 21.6 | 65 | 20.4 | 30 | 9.6 |
| October | 8 | 2.1 | 78 | 22.8 | 44 | 13.6 | 91 | 26.4 | 62 | 18.4 | 37 | 12.9 |
| November | 4 | 1.0 | 76 | 22.5 | 54 | 17.4 | 85 | 25.1 | 69 | 21.7 | 42 | 13.1 |
| Value-\$500,000-\$999,999 |  |  |  |  |  |  |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |
| September | 1 | 1.0 | 21 | 14.4 | 15 | 10.1 | 25 | 16.1 | 28 | 18.7 | 21 | 15.2 |
| October | 4 | 2.8 | 29 | 19.8 | 19 | 11.8 | 33 | 22.8 | 24 | 14.6 | 35 | 23.0 |
| November | 0 | 0.0 | 21 | 14.6 | 21 | 14.6 | 38 | 26.8 | 31 | 22.5 | 29 | 20.4 |
| Value-\$1,000,000-\$4,999,999 |  |  |  |  |  |  |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |
| September | 3 | 4.1 | 33 | 75.6 | 7 | 17.0 | 23 | 42.3 | 28 | 62.2 | 24 | 46.2 |
| October | 8 | 12.4 | 19 | 40.1 | 8 | 16.0 | 31 | 61.2 | 28 | 63.8 | 29 | 65.6 |
| November | 4 | 9.9 | 17 | 30.2 | 15 | 27.6 | 25 | 43.6 | 27 | 52.9 | 29 | 50.3 |
| Value-\$5,000,000 and over |  |  |  |  |  |  |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |
| September | 2 | 31.0 | 8 | 92.3 | 1 | 10.8 | 6 | 83.7 | 3 | 23.0 | 4 | 74.6 |
| October | 0 | 0.0 | 4 | 33.4 | 1 | 23.0 | 8 | 179.1 | 1 | 6.0 | 5 | 66.8 |
| November | 2 | 17.0 | 1 | 9.0 | 1 | 5.5 | 3 | 77.8 | 9 | 82.2 | 7 | 47.8 |
| Value-Total |  |  |  |  |  |  |  |  |  |  |  |  |
| 1997-1998 | 666 | 1340.7 | 4718 | 2025.2 | 2221 | 992.8 | 3419 | 2518.5 | 2980 | 2122.2 | 1488 | 1369.0 |
| 1998-1999 | 635 | 829.2 | 4669 | 2455.6 | 2061 | 947.7 | 3210 | 1778.6 | 2941 | 2039.5 | 1387 | 1409.9 |
| 1999-2000 | 764 | 753.2 | 5283 | 2327.8 | 2130 | 956.8 | 3609 | 1925.0 | 3353 | 1733.5 | 1544 | 1490.6 |
| 2000 |  |  |  |  |  |  |  |  |  |  |  |  |
| September | 83 | 46.3 | 467 | 231.7 | 134 | 58.2 | 319 | 183.4 | 250 | 137.3 | 145 | 152.6 |
| October | 62 | 21.2 | 460 | 145.6 | 141 | 71.5 | 358 | 308.5 | 234 | 115.2 | 165 | 174.3 |
| November | 44 | 31.2 | 447 | 106.5 | 165 | 73.2 | 341 | 192.1 | 266 | 192.4 | 213 | 142.5 |


|  | Religious........ |  | Health................ |  | Entertainment and recreational.... |  | Miscellaneous.... |  | Total nonresidential building...... |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | no. | \$m | no. | \$m | no. | \$m | no. | \$m | no. | \$m |
| Value-\$50,000-\$199,999 |  |  |  |  |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| September | 9 | 0.8 | 15 | 1.5 | 32 | 3.2 | 46 | 4.1 | 958 | 93.6 |
| October | 15 | 1.5 | 29 | 3.2 | 45 | 4.7 | 51 | 4.9 | 954 | 92.1 |
| November | 11 | 1.2 | 26 | 2.3 | 51 | 5.2 | 58 | 5.3 | 1012 | 98.4 |
| Value-\$200,000-\$499,999 |  |  |  |  |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| September | 4 | 1.4 | 12 | 4.0 | 18 | 5.5 | 20 | 5.6 | 343 | 103.8 |
| October | 5 | 1.2 | 10 | 2.7 | 19 | 6.2 | 9 | 2.6 | 363 | 108.8 |
| November | 4 | 1.3 | 13 | 4.0 | 16 | 4.0 | 16 | 5.1 | 379 | 115.1 |
| Value-\$500,000-\$999,999 |  |  |  |  |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| September | 0 | 0.0 | 6 | 4.7 | 6 | 4.7 | 2 | 1.4 | 125 | 86.3 |
| October | 3 | 2.1 | 10 | 7.2 | 12 | 7.9 | 9 | 6.7 | 178 | 118.7 |
| November | 7 | 4.9 | 8 | 5.4 | 6 | 3.9 | 5 | 3.0 | 166 | 116.1 |

Value-\$1,000,000-\$4,999,999

| Value-\$1,000,000-\$4,999,999 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| September | 2 | 4.4 | 8 | 19.4 | 12 | 25.5 | 2 | 6.2 | 142 | 302.8 |
| October | 3 | 4.2 | 7 | 19.4 | 7 | 15.0 | 8 | 14.1 | 148 | 311.7 |
| November | 2 | 2.1 | 8 | 20.0 | 9 | 15.8 | 12 | 23.8 | 148 | 276.3 |
| Value-\$5,000,000 and over |  |  |  |  |  |  |  |  |  |  |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| September | 0 | 0.0 | 3 | 57.4 | 3 | 22.0 | 2 | 16.3 | 32 | 411.1 |
| October | 0 | 0.0 | 5 | 44.1 | 4 | 29.7 | 3 | 19.7 | 31 | 401.9 |
| November | 1 | 6.0 | 4 | 65.4 | 3 | 39.4 | 1 | 5.5 | 32 | 355.6 |
| Value-Total |  |  |  |  |  |  |  |  |  |  |
| 1997-1998 | 219 | 79.5 | 771 | 1773.6 | 1034 | 1496.3 | 1134 | 744.0 | 18650 | 14461.8 |
| 1998-1999 | 231 | 93.1 | 799 | 1313.5 | 991 | 1184.4 | 1074 | 517.0 | 17998 | 12568.5 |
| 1999-2000 | 240 | 127.5 | 794 | 1097.5 | 1017 | 797.9 | 1105 | 846.2 | 19839 | 12055.7 |
| 2000 |  |  |  |  |  |  |  |  |  |  |
| September | 15 | 6.6 | 44 | 87.0 | 71 | 60.9 | 72 | 33.5 | 1600 | 997.5 |
| October | 26 | 8.9 | 61 | 76.6 | 87 | 63.5 | 80 | 48.0 | 1674 | 1033.1 |
| November | 25 | 15.5 | 59 | 97.1 | 85 | 68.4 | 92 | 42.8 | 1737 | 961.5 |

## EXPLANATORYNOTES

INTRODUCTION

SCOPE AND COVERAGE

1 This publication presents monthly details of building work approved.
2 Statistics of building work approved are compiled from:

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

3 The scope of the survey comprises the following:

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

4 Excluded from the statistics is construction activity not defined as building (e.g. roads, bridges, railways, earthworks, etc.). Statistics for this activity can be found in Engineering Construction Activity, Australia (Cat. no. 8762.0).

5 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.

6 Statistics on the value of building work approved are derived by aggregating the estimated 'value of building work when completed' as reported on building approval documents provided to local councils or other building approval authorities. Conceptually these value data should exclude the value of land and landscaping but include site preparation costs. These estimates are usually a reliable indicator of the completed value of 'houses'. However, for 'other residential buildings' and 'non-residential buildings', they can differ significantly from the completed value of the building as final costs and contracts have not been established before council approval is sought and gained.
7 The ABS generally accepts values provided by approving bodies. Every effort is made to ensure data are provided on a consistent basis, however, there may be instances where value reported does not reflect the building completion value. For example, the reported value for most project homes is the contract price, which may include the cost of site preparation and landscaping. In other cases where a builder is contracted to construct a dwelling based on the owner's plans, the value may only be the builder's costs. Some councils do not use the value on approval documents, instead deriving a value based on floor area and type of structure.

8 From July 2000, value data includes the Goods and Services Tax (GST) for residential and non-residential building approvals. The ABS has consulted with councils and other approving authorities to ensure that approval values are reported inclusive of the GST.

## EXPLANATORYNOTES

VALUE DATA
continued In particular, councils that use floor area calculation to derive a value may not have amended their formulae to take account of the GST and other price changes. Where it has been identified by a council or other approving authority that approvals submitted from its jurisdiction are on a GST-exclusive basis, the ABS has made adjustments to the data to ensure that values are consistent with other data collected and are inclusive of GST.

10 As building work approved before 1 July 2000 attracted GST on that portion of the work not completed by 30 June it is likely, but not certain, that the value reported on approvals documents submitted before 30 June included the GST.

11 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.

12 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' and 'conversions'). These classifications are often used in conjunction with each other in this publication and are defined in the Glossary.

13 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 specific building, not to the function of the group as a whole.

14 An example is the treatment of building 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 to Factories. 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.

15 In the case of a large multi-function 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. 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.

16 The Type of Work classification refers to the building activity carried out. Conversion jobs are shown separately in tables 5, 6, 12 and 15. However, in other tables they are included within existing categories, as follows: in tables 1 and 2 they are included in the appropriate Type of Building category, and in tables 3, 4 and 14 they are included in the 'Alterations and additions to residential buildings' category.

## EXPLANATORYNOTES

SEASONAL ADJUSTMENT

TREND ESTIMATES

17 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

18 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.

19 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).

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

21 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.

22 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 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 the quarterly chain volume measures (table 14), the trend estimates are derived by applying a 7 -term Henderson-weighted moving average to all quarters of the respective seasonally adjusted series except the last three quarters. Trend series are created for these last three quarters by applying surrogates of the Henderson moving average seasonally adjusted series. For further information, see Information Paper: A Guide to Interpreting Time Series-Monitoring 'Trends': an Overview (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on Canberra 0262526076.

23 While the smoothing techniques described in paragraph 22 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.

24 The ABS has carefully considered whether the introduction of the GST will cause a break in the trend series between June and July 2000 for building and construction value data. The data are unlikely to experience a significant one-off impact between June and July because values inclusive of GST have been gradually included in the series over that period. Therefore the trend value series will continue to be published as in the past. Users should, however, be cautious when analysing the most recent trend estimates as these are subject to revisions as new monthly data becomes available.

## EXPLANATORYNOTES

CHAIN VOLUME MEASURES

UNPUBLISHED DATA

RELATED PUBLICATIONS

ROUNDING

25 The chain volume measures appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year. 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 hence only reflect volume changes. The direct impact of the GST is a price change, and hence is removed from chain volume estimates. 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).

26 The ABS can provide some unpublished building approvals data. At Statistical Local Area and Collection District, this includes new houses, floor area, material of outer wall, floor and roof. A charge may be made for providing unpublished data.

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

- Building Activity, Australia (Cat. no. 8752.0-8752.7)
- Building Activity, Building Work Done, Australia (Cat. no. 8755.0)
- Building Activity, Australia: Dwelling Unit Commencements (Cat. no. 8750.0)
- Building Approvals (Cat. no. 8731.1-8731.7)
- 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 Building Other Than House Building, Six State Capital Cities (Cat. no. 6407.0)
- Price Index of Materials Used in House Building, Six State Capital Cities (Cat. no. 6408.0).

28 While building approvals value series are shown inclusive of GST, this is different to Building Activity (Cat. nos. 8752.0, 8755.0), in which residential work will be published inclusive of GST and non-residential work exclusive of GST. In the Engineering Construction Survey (Cat. no. 8762.0) all values will exclude GST.

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

## Alterations and additions

Alterations and additions to residential buildings

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 carried out on existing residential buildings, which may result in the creation of new dwelling units. See also Explanatory Notes paragraph 16.

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 January 1998 issue. Prior to that issue, conversions were published as part of the 'Conversions, etc.' category or included elsewhere within a table. See also Explanatory Notes paragraph 16.

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

## Entertainment and

 recreationalFactories
Flats, units or apartments

Health
Hotels, motels and other short term accommodation

## House

Miscellaneous
Includes paper mills, oil refinery buildings, brickworks and powerhouses.
Dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell.

Includes hospitals, nursing homes, surgeries, clinics and medical centres.
Includes hostels, boarding houses, guest houses, and holiday apartment buildings.

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.
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 

## New other residential

 buildings
## New residential

## Non-residential building

Offices

## Other business premises

Other dwellings

## Other residential building

Religious

## Residential building

Semi-detached, row or terrace houses, townhouses

Shops

Building activity which will result in the creation of a building which previously did not exist.

Building activity which will result in the creation of a residential building other than a house, which previously did not exist.

Building activity which will result in the creation of any residential building (house or other residential) which previously did not exist.

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 January 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.

Includes banks, post offices and council chambers.
Includes warehouses, service stations, transport depots and terminals, electricity substation buildings, telephone exchanges, broadcasting and film studios.

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.

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 13 of this publication.

Includes convents, churches, temples, mosques, monasteries and noviciates.

A residential building is a building consisting of one or more dwelling units. Residential buildings can be either houses or other residential buildings.

Dwellings having their own private grounds with no other dwellings above or below.

Includes retail shops, restaurants, taverns and shopping arcades.

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[^2]
[^0]:    n.a. not available

[^1]:    (a) See Glossary for definition.

[^2]:    © Commonwealth of Australia 2000

