

The provisional trend estimate for the number of dwelling units for owner occupation for which finance was committed to individuals in December 1992 was 35,579 , a decrease of 532 dwelling units ( $1.5 \%$ ) over November 1992 but an increase of 5,851 dwelling units ( $19.7 \%$ ) over December 1991. The downward trend in the estimates since September 1992 evident in the graph above will continue in January 1993 unless there is more than a 9.0 per cent increase in the seasonally adjusted series in that month. However, the average monthly percentage change in the seasonally adjusted series, without regard to sign, is about 5 per cent. It should be noted that trend data for the most recent months are subject to revision as additional observations become available (see 'Reliability of Contemporary Trend Estimates' on page 4).
Provisional trend estimates for the number of dwelling units financed under the category 'Purchase of Newly Erected Dwellings' and 'Purchase of Established Dwellings' continued their downward trend with decreases in December 1992 of 4.1 per cent and 1.7 per cent respectively. After a number of progressively smaller rises, the provisional trend estimate for the category 'Construction of Dwellings'
has fallen by a small amount this month, but it is too early to assess whether the final trend estimate will be in decline.

Seasonally adjusted, finance was committed to individuals to finance 34,767 dwelling units for owner occupation in December 1992, an increase of 196 dwelling units ( $0.6 \%$ ) over November 1992 and 4,248 dwelling units ( $13.9 \%$ ) more than in December 1991.
The value of secured housing finance commitments for owner occupied dwellings, in seasonally adjusted terms (excluding alterations and additions), totalled $\$ 2,821.2$ million in December 1992, slightly down on November 1992 by $\$ 5.1$ million ( $0.2 \%$ ) but up $\$ 558.4$ million ( $\mathbf{2 4 . 7 \%}$ ) on December 1991. The trend estimate for the total value of commitments is now estimated to have peaked in September 1992, with falls of 0.04 per cent, 0.6 per cent and 1.2 per cent in October, November and December 1992 respectively.
In original terms, there were 34,862 dwelling units financed during the month of December 1992, 721 dwelling units ( $2.0 \%$ ) less than in November 1992 but 7,603 dwelling units ( $\mathbf{2 7 . 9 \%}$ ) more than in December 1991.

## INQUIRIES

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SECURED HOUSING FINANCE: COMMTTMENTS BY TYPE OF LENDER, AUSTRALIA(a)

| Type of lender | Number of dwellings |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Percentage change from previous month |  |  | Percentage change from corresponding month of previous year |  |  |
|  | Orig. | Seas. adj. | Trend | Orig. | Seas. adj. | Trend |
| All Banks (b) | -2.5 | -1.5 | -1.7 | 43.7 | 26.2 | 37.4 |
| Permanent Building Societies(b) | 5.1 | 22.1 | 3.3 | -26.3 | -28.6 | -42.0 |
| Other Lenders | -3.5 | 9.2 | -3.9 | -29.6 | -32.1 | -35.2 |
| Total | -2.0 | 0.6 | -1.5 | 27.9 | 13.9 | 19.7 |
| Value of commitments |  |  |  |  |  |  |
|  | Percentage change from previous month |  |  | Percentage change from corresponding month of previous year |  |  |
| Type of lender | Orig. | Seas. adj. | Trend | Orig. | Seas. adj. | Trend |
| All Banks (b) | -1.5 | -1.9 | -1.4 | 59.9 | 40.7 | 53.7 |
| Permanent Building Societies(b) | 6.9 | 23.7 | 4.1 | -23.8 | -25.9 | -41.9 |
| Other Lenders | -6.5 | -0.3 | -3.8 | -36.5 | -39.3 | -39.8 |
| Total | -1.2 | -0.2 | -1.2 | 39.7 | 24.7 | 30.9 |

(a) Excludes alterations and additions. (b) Since October 1991, three building societies have become banks.

SECURED HOUSING FINANCE: COMMITMENTS BY PURPOSE, AUSTRALIA(a)

| Purprose of commitment | Number of dwellings |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Percentage change from previous month |  |  | Percentage change from corresponding month of previous year |  |  |
|  | Orig. | Seas. adj. | Trend | Orig. | Seas. adj. | Trend |
| Established dwellings | -1.2 | 0.9 | -1.7 | 28.8 | 14.6 | 19.9 |
| Construction of dwellings | -3.3 | 0.3 | -0.1 | 29.2 | 14.6 | 23.6 |
| Purchase of newly erected dwellings | -10.1 | -3.0 | -4.1 | 9.1 | 0.4 | 1.4 |
| Total | -2.0 | 0.6 | -1.5 | 27.9 | 13.9 | 19.7 |
|  | Value of commitments |  |  |  |  |  |
|  | Percentage change from previous month |  |  | Percentage change from corresponding month of previous year |  |  |
| Purpose of commitment | Orig. | Seas. adj. | Trend | Orig. | Seas. adj. | Trend |
| Established dwellings. | 1.0 | 1.0 | -1.5 | 40.5 | 24.9 | 30.3 |
| Construction of dwellings | -8.9 | -4.4 | -0.8 | 44.8 | 29.6 | 43.4 |
| Purchase of newly erected dwellings | -7.9 | -2.0 | -4.6 | 13.2 | 4.9 | 2.2 |
| Total | -1.2 | . 0.2 | -1.2 | 39.7 | 24.7 | 30.9 |

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## ANALYTICAL NOTES

## PART 1: Comment on Major Aggregates

The provisional trend estimate for the total number of dwellings financed shows this series trending downwards since peaking in August 1992. The rate of decrease in the monthly movements of the trend has quickened since the August peak, from 0.1 per cent to 1.5 per cent. This downward trend would be arrested in January 1993 only if the seasonally adjusted estimate for that month is up 9.0 per cent or more on the December 1992 seasonally adjusted estimate. (Over the past 10 years or so, the average monthly percentage change in the seasonally adjusted series, without regard to sign, has been about
5.0 per cent.) The trends of the purpose of loan categories 'purchase of established dwellings' and ' purchase of newly erected dwellings' continued their downward movement since peaking in September 1992 and June 1992 respectively. The category 'construction of dwellings' recorded a slight decrease of 0.1 per cent in December 1992. Trend estimates for the most recent months are subject to revision. For a detailed explanation of the reliability of trend estimates refer to Part 2 of these analytical notes (page 4) entitled 'Reliability of Contemporary Trend Estimates'.


The trend estimate of the number of dwelling units for which commitments of finance were made to individuals for the construction of dwellings decreased in December 1992 by 0.1 per cent. This small decrease followed a number of progressively smaller rises but it is too early to
assess whether the final trend estimate will be in decline. Seasonally adjusted, finance was committed to individuals for the construction of 7,177 dwelling units in December 1992, an increase of 0.3 per cent on November 1992 and up 14.6 per cent on December 1991.


The trend estimate for commitments to individuals for the purchase of newly erected dwellings in December 1992 was 1,542 dwelling units, down 4.1 per cent on November 1992. This downward trend since the peak in June 1992, is well established and it would require an increase of more than 17.0 per cent in the seasonally adjusted estimate for January 1993 to create an upward
movement in the trend series from January 1993. Seasonally adjusted, the number of newly erected dwelling units for which finance was committed for the purchase by individuals in December 1992 was 1,511 , down 3.0 per cent on November 1992, but up 0.4 per cent on December 1991.


The trend estimate for commitments to individuals for the purchase of established dwellings totalled 26,720 dwelling units in December 1992, down 1.7 per cent on November 1992, but up 19.9 per cent on December 1991. The trend estimates show this series peaking in August 1992. It would require an increase of more than 10.4 per cent in
the seasonally adjusted estimate for January 1993 to create an upward movement in the trend estimate from January 1993. Seasonally adjusted, the number of established dwellings for which finance was committed for purchase in December 1992 was 26,079 , an increase of 0.9 per cent on November 1992 and 14.6 per cent on December 1991.

## PART 2: Reliability of Contemporary Trend Estimates

The trend estimates in this publication have been derived by applying a 13 term Henderson-weighted moving average to all except the last six months of the seasonally adjusted series. The last six monthly trend estimates have been obtained by applying surrogates of the Hendersonweighted averages to the seasonally adjusted series. (Further details concerning trend estimates in general, including more information on the Henderson methodology and the 'end point' problem, can be obtained in the information paper A Guide to Smoothing Time Series Estimates of Trend (1316.0).)

While this procedure enables trend data for the latest period to be produced, it also results in revisions in later bulletins to the trend estimates for the most recent months as additional observations become available. Generally, the size of revisions to the trend estimates tends to be larger the greater the volatility of the original series. Revisions of trend estimates will also occur with revisions to original data and re-estimation of seasonal adjustment factors.

Analysis of housing finance series has shown that the original series can be volatile and that the initial estimates of a month's trend value can be revised substantially. In particular, some months can elapse before a turning point in the trend series is identified reliably.

A number of ways of indicating the reliability of trend estimates have been under consideration. The following paragraphs outline an approach that illustrates the potential for revision of contemporary trend estimates.

The table below presents trend estimates of the number of dwelling units for which finance was committed for the six months July to December 1992. To illustrate the possible impact of future months observations on the trend estimates for the latest months, the table shows the revisions to the trend estimates that will result if the seasonally adjusted estimate for next month (January 1993) is five per cent higher or lower than that for this month. Five per cent was chosen because analysis of monthly movements over the last ten years in the seasonally adjusted series for both number of dwellings and value of commitments, showed that the average monthly percentage change, without regard to sign, has been about five per cent.

If the seasonally adjusted estimate for the number of dwelling units financed were to increase in January 1993 by 5 per cent, to 36,505 , the trend movement for that month would be -0.5 per cent. The movements in the trend estimates for October November and December 1992 which are currently estimated to be -0.7 per cent, -1.1 percent and -1.5 per cent respectively, would be revised to -0.7 per cent, -0.9 per cent and -0.5 per cent. On the other hand, a 5 per cent seasonally adjusted decline in the number of dwellings financed in January 1993 to 33,029 , would produce a trend movement of -2.0 per cent for January and the movements in the trend estimates for October, November and December 1992 would be revised to -1.3 per cent, -1.9 per cent and -2.1 per cent respectively.

The graphs on pages 1 and 2 of this publication illustrate the potential degree of revision of the last three months of the trend series.

NUMBER OF DWELLING UNITS FOR WHICH FINANCE WAS COMMITTED RELIABILITY OF TREND ESTIMATES

|  | Trend estimate |  | Revised trend estimate if January 1993 seasonally adjusted number of dwelling units - |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No. | \% change on previous month | is up $5 \%$ on December 1992 |  | is down 5\% on December 1992 |  |
|  |  |  | No. | \% change on previous month | No. | \% change on previous month |
| 1992- |  |  |  |  |  |  |
| July | 36,551 | 1.7 | 36,578 | 1.7 | 36,645 | 1.9 |
| August | 36,786 | 0.6 | 36,807 | 0.6 | 36,925 | 0.8 |
| September | 36,759 | -0.1 | 36.762 | -0.1 | 36,821 | -0.3 |
| October | 36,500 | -0.7 | 36,503 | -0.7 | 36,347 | -1.3 |
| November | 36,111 | -1.1 | 36,176 | -0.9 | 35,661 | -1.9 |
| December | 35,579 | -1.5 | 35,855 | -0.9 | 34,885 | -2.1 |
| 1993- |  |  |  |  |  |  |
| January | n.y.a. | n.y.a. | 35,660 | -0.5 | 34,196 | -2.0 |

TABLE 1 - SECURED HOUSING FINANCE COMMITMENTS TO INDIVIDUALS - DECEMBER 1992

| Purpose Of Commitment | Type of Lender |  |  |  |  |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All banks |  | Permanent building societies |  | Other lenders |  |  |  |
|  | $\begin{array}{r} \text { Dwelling } \\ \text { units } \end{array}$ | \$ million | $\begin{gathered} \text { Dwelling } \\ \text { units } \end{gathered}$ | \$ million | $\begin{array}{r} \text { Dwelling } \\ \text { units } \end{array}$ | \$ million | $\begin{array}{r} \text { Dwelling } \\ \text { units } \end{array}$ | $\$$ million |
| AUSTRALIA |  |  |  |  |  |  |  |  |
| Construction of dwellings - |  |  |  |  |  |  |  |  |
| Houses | 5,858 | 409.4 | 407 | 33.5 | 455 | 33.5 | 6,720 | 476.5 |
| Other dwellings | 211 | 16.2 | 4 | 0.5 | - | - | 215 | 16.7 |
| Purchase of newly erected dwellings - |  |  |  |  |  |  |  |  |
| Houses | 814 | 71.5 | 101 | 9.3 | 193 | 12.8 | 1,108 | 93.6 |
| Other dwellings | 336 | 29.8 | 30 | 3.2 | 12 | 0.9 | 378 | 33.9 |
| Purchase of established dwellings (a) - |  |  |  |  |  |  |  |  |
| Houses | 18,620 | 1,628.5 | 1,533 | 121.2 | 1,107 | 75.0 | 21,260 | 1,824.7 |
| Other dwellings | 1,470 | 132.9 | 130 | 10.9 | 18 | 1.5 | 1,618 | 145.2 |
| Refinance existing <br> home loans 3,196 236.9 234 15.9 133 6.4 3,563 259.2 |  |  |  |  |  |  |  |  |
| Total new housingcommitments |  |  |  |  |  |  |  |  |
| Alterations andadditions .. 100.2 .. 8.3 .. 2.6 .. 111.1 |  |  |  |  |  |  |  |  |
| Total commitments | 30,505 | 2,625.2 | 2,439 | 202.8 | 1,918 | 132.8 | 34,862 | 2,960.8 |
| STATES(b) |  |  |  |  |  |  |  |  |
| New South Wales | 8.873 | 879.0 | 292 | 28.3 | 302 | 25.6 | 9,467 | 932.9 |
| Victoria | 7,882 | 676.6 | 325 | 24.0 | 458 | 31.9 | 8,665 | 732.4 |
| Queensland | 5,925 | 467.3 | 1,201 | 103.7 | 556 | 34.0 | 7,682 | 605.0 |
| South Australia | 2,403 | 177.2 | 402 | 28.9 | 250 | 15.8 | 3,055 | 221.8 |
| Western Australia | 3,643 | 280.8 |  |  |  |  | (4,070 | 313.8 |
| Tasmania | 793 | 47.1 |  |  |  |  | ¢ 861 | 50.9 |
| Northern Territory | 285 | 22.1 | 219 | 18.0 | 352 | 20.5 | $\{311$ | 23.6 |
| Australian Capital Territory | 701 | 75.2 |  |  |  |  | ( 751 | 80.4 |

(a) Prior to July 1991 this item included refinancing, which is now shown separately in the item below. (b) Includes alterations and additions.

TABLE 2 - SECURED HOUSING FINANCE COMMITMENTS TO INDIVIDUALS - ALL LENDERS - ORIGINAL SEASONALLY ADJUSTED AND TREND ESTIMATES(a)

|  | Construction of dwellings |  | Purchase of newly erected dwellings |  | Purchase of established dwellings (b) |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dwelling units | \$ million | Dwelling units | \$ million | Dwelling $\qquad$ | \$ million | Dwelling units | \$ million |
| ORIGINAL |  |  |  |  |  |  |  |  |
| 1991 |  |  |  |  |  |  |  |  |
| October | 5,950 | 380.2 | 1,626 | 128.2 | 23,092 | 1,760.4 | 30,668 | 2,268.8 |
| November | 5,810 | 367.6 | 1,568 | 132.3 | 23,376 | 1,771.3 | 30,754 | 2,271.3 |
| December | 5,368 | 340.5 | 1,362 | 112.7 | 20,529 | 1,586.3 | 27,259 | 2,039.6 |
| 1992 |  |  |  |  |  |  |  |  |
| January | 5,166 | 317.0 | 1,331 | 106.9 | 19,601 | 1,473.5 | 26,098 | 1,897.4 |
| February | 6,158 | 388.0 | 1,695 | 145.2 | 24,663 | 1,914.3 | 32,516 | 2,447.6 |
| March | 7,210 | 479.6 | 2,011 | 166.4 | 26,577 | 2,074.5 | 35,798 | 2,720.5 |
| April | 7,075 | 474.7 | 1,800 | 153.4 | 25,755 | 2,053.2 | 34,630 | 2,681.3 |
| May | 7,073 | 476.1 | 1,631 | 145.2 | 26,228 | 2,106.7 | 34,932 | 2,728.0 |
| June | 6,906 | 471.0 | 1,919 | 163.8 | 26,990 | 2,204.9 | 35,815 | 2,839.7 |
| July | 7,337 | 507.1 | 1,917 | 162.7 | 27,535 | 2,219.1 | 36,789 | 2,888.9 |
| August | 7,035 | 500.9 | 1,799 | 147.7 | 27,024 | 2,227.4 | 35,858 | 2,875.9 |
| September | 7,749 | 559.2 | 1,842 | 149.8 | 29,765 | 2,450.4 | 39,356 | 3,159.4 |
| October | 7,132 | 510.6 | 1,731 | 149.3 | 26,809 | 2,217.9 | 35,672 | 2,877.8 |
| November | 7,169 | 541.1 | 1,652 | 138.4 | 26,762 | 2,206.0 | 35,583 | 2,885.6 |
| December | 6,935 | 493.2 | 1,486 | 127.5 | 26,441 | 2,229.0 | 34,862 | 2,849.7 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 1991 |  |  |  |  |  |  |  |  |
| October | 5,519 | 352.0 | 1,438 | 111.2 | 21,566 | 1,659.2 | 28,523 | 2,122.4 |
| November | 5,769 | 362.5 | 1,484 | 122.0 | 22,606 | 1,727.0 | 29,859 | 2,211.5 |
| December | 6,260 | 402.3 | 1,505 | 119.9 | 22,754 | 1,740.6 | 30,519 | 2,262.8 |
| 1992 |  |  |  |  |  |  |  |  |
| January | 5,823 | 368.4 | 1,533 | 127.2 | 20,892 | 1,606.1 | 28,248 | 2,101.7 |
| February | 6,181 | 393.8 | 1,675 | 142.7 | 24,065 | 1,884.1 | 31,921 | 2,420.5 |
| March | 6,733 | 450.3 | 1,865 | 158.1 | 24,964 | 1,992.4 | 33,562 | 2,600.7 |
| April | 6,868 | 455.4 | 1,858 | 162.7 | 25,290 | 1,941.9 | 34,016 | 2,560.0 |
| May | 6,744 | 450.1 | 1,706 | 149.4 | 25,694 | 2,012.9 | 34,144 | 2,612.4 |
| June | 7,043 | 478.3 | 2,001 | 165.5 | 27,869 | 2,258.4 | 36,913 | 2,902.2 |
| July | 6,935 | 473.4 | 1,755 | 161.0 | 27,007 | 2,118.8 | 35,697 | 2,753.3 |
| August | 7,315 | 522.9 | 1,843 | 157.8 | 28,364 | 2,376.4 | 37,522 | 3,057.1 |
| September | 7,002 | 498.6 | 1,718 | 138.2 | 27,881 | 2,327.3 | 36,601 | 2,964.0 |
| October | 7,753 | 547.4 | 1,698 | 141.8 | 28,923 | 2,398.2 | 38,374 | 3,087.4 |
| November | 7,155 | 545.5 | 1,557 | 128.3 | 25,859 | 2,152.5 | 34,571 | 2,826.3 |
| December | 7,177 | 521.5 | 1,511 | 125.7 | 26,079 | 2,174.0 | 34,767 | 2,821.2 |
| TREND ESTIMATES |  |  |  |  |  |  |  |  |
| 1991 |  |  |  |  |  |  |  |  |
| October | 5,791 | 365.7 | 1,494 | 119.5 | 22,459 | 1,712.0 | 29,744 | 2,197.2 |
| November | 5,817 | 368.2 | 1,491 | 119.8 | 22,239 | 1,704.9 | 29,547 | 2,192.8 |
| December | 5,922 | 376.8 | 1,522 | 124.0 | 22,284 | 1,717.6 | 29,728 | 2,218.3 |
| 1992 20, |  |  |  |  |  |  |  |  |
| January | 6,103 | 391.4 | 1,591 | 131.8 | 22,724 | 1,759.7 | 30,417 | 2,282.9 |
| February | 6,319 | 408.9 | 1,678 | 141.4 | 23,470 | 1,824.1 | 31,467 | 2,374.4 |
| March | 6,533 | 427.4 | 1,759 | 150.5 | 24,381 | 1,902.2 | 32,673 | 2,480.0 |
| April | 6,709 | 444.6 | 1,819 | 157.1 | 25,335 | 1,987.5 | 33,862 | 2,589.2 |
| May | 6,858 | 460.3 | 1,852 | 160.8 | 26,276 | 2,077.9 | 34,987 | 2,699.0 |
| June | 6,991 | 475.7 | 1,858 | 161.0 | 27,106 | 2,166.5 | 35,954 | 2,803.2 |
| July | 7,093 | 490.2 | 1,832 | 157.6 | 27,625 | 2,235.1 | 36,551 | 2,882.9 |
| August | 7,171 | 503.5 | 1,786 | 152.1 | 27,830 | 2,278.3 | 36,786 | 2,933.9 |
| September | 7,242 | 516.7 | 1,730 | 145.6 | 27,786 | 2,296.6 | 36,759 | 2,958.9 |
| October (c) (f) | 7,293 | 527.6 | 1,668 | 139.0 | 27,539 | 2,291.1 | 36,500 | 2,957.7 |
| October (d) (f) | 7,299 | 527.5 | 1,669 | 139.2 | 27,535 | 2,289.1 | 36,503 | 2,955.7 |
| October (e) (f) | 7,267 | 525.2 | 1,662 | 138.6 | 27,418 | 2,279.3 | 36,347 | 2,943.1 |
| November (c) (f) | 7,321 | 535.8 | 1,608 | 132.8 | 27,183 | 2,271.1 | 36,111 | 2,939.7 |
| November (d) (f) | 7,342 | 535.5 | 1,612 | 133.5 | 27,222 | 2,270.3 | 36,176 | 2,939.3 |
| November (e) (f) | 7,236 | 527.8 | 1,590 | 131.7 | 26,836 | 2,238.1 | 35,661 | 2,897.6 |
| December (c) (f) | 7,317 | 540.3 | 1,542 | 126.7 | 26,720 | 2,237.3 | 35,579 | 2,904.4 |
| December (d) (f) | 7,373 7,173 | 541.3 | 1,563 | 128.9 | 26,919 | 2,249.1 | 35,855 | 2,919.3 |
| December (e) (f) | 7,173 | 526.7 | 1,521 | 125.4 | 26,191 | 2,188.4 | 34,885 | 2,840.6 |

[^1]TABLE 3. SECURED HOUSING FINANCE COMMITMENTS TO INDIVIDUALS - TYPE OF LENDER - ORIGINAL SEASONALLY ADJUSTED AND TREND ESTIMATES(a)

|  | All Banks |  | Permanent Building Societies |  | Other Lenders |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dwelling Units | \$ million | Dwelling Units | \$ million | Dwelling Units | \$ million | Dwelling Units | \$ million |
| ORIGINAL |  |  |  |  |  |  |  |  |
| 1991 |  |  |  |  |  |  |  |  |
| October | 24,304 | 1,778.7 | 3,261 | 253.1 | 3,103 | 237.0 | 30,668 | 2,268.8 |
| November | 23,771 | 1,735.0 | 3,578 | 276.0 | 3,405 | 260.3 | 30,754 | 2,271.3 |
| December | 21,225 | 1,579.4 | 3,309 | 255.2 | 2,725 | 205.0 | 27,259 | 2,039.6 |
| 1992 |  |  |  |  |  |  |  |  |
| January | 20,167 | 1,440.3 | 3,501 | 288.6 | 2,430 | 168.6 | 26,098 | 1,897.4 |
| February | 24,380 | 1,786.0 | 5,672 | 479.9 | 2,464 | 181.7 | 32,516 | 2,447.6 |
| March | 27,489 | 2,060.1 | 5,563 | 456.9 | 2,746 | 203.5 | 35,798 | 2,720.5 |
| April | 28,440 | 2,199.5 | 3,931 | 316.6 | 2,259 | 165.2 | 34,630 | 2,681.3 |
| May | 28,835 | 2,251.9 | 3,684 | 307.6 | 2,413 | 168.4 | 34,932 | 2,728.0 |
| June | 29,357 | 2,348.4 | 3,960 | 322.3 | 2,498 | 169.0 | 35,815 | 2,839.7 |
| July | 32,478 | 2,580.3 | 1,882 | 143.2 | 2,429 | 165.4 | 36,789 | 2,888.9 |
| August | 31,707 | 2,573.1 | 2,038 | 159.3 | 2,113 | 143.5 | 35,858 | 2,875.9 |
| September | 34,945 | 2,834.9 | 2,312 | 178.8 | 2,099 | 145.8 | 39,356 | 3,159.4 |
| October | 31,286 | 2,545.0 | 2,327 | 183.8 | 2,059 | 149.1 | 35,672 | 2,877.8 |
| November | 31,276 | 2,564.3 | 2,320 | 182.0 | 1,987 | 139.2 | 35,583 | 2,885.6 |
| December | 30,505 | 2,525.1 | 2,439 | 194.5 | 1,918 | 130.2 | 34,862 | 2,849.7 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 1991 |  |  |  |  |  |  |  |  |
| October | 22,475 | 1,656.5 | 3,040 | 238.7 | 3,008 | 227.1 | 28,523 | 2,122.4 |
| November | 23,363 | 1,698.4 | 3,450 | 267.7 | 3,046 | 245.5 | 29,859 | 2,211.5 |
| December | 23,856 | 1,759.6 | 3,851 | 296.3 | 2,812 | 206.9 | 30,519 | 2,262.8 |
| 1992 ( 10.851 |  |  |  |  |  |  |  |  |
| January | 21,271 | 1,553.5 | 4,293 | 354.9 | 2,684 | 193.3 | 28,248 | 2,101.7 |
| February | 23,800 | 1,780.0 | 5,577 | 452.3 | 2,544 | 188.2 | 31,921 | 2,420.5 |
| March | 26,152 | 2,021.2 | 4,796 | 389.1 | 2,614 | 190.4 | 33,562 | 2,600.7 |
| April | 27,430 | 2,051.5 | 4,124 | 334.3 | 2,462 | 174.2 | 34,016 | 2,560.0 |
| May | 28,289 | 2,147.3 | 3,478 | 297.6 | 2,377 | 167.4 | 34,144 | 2,612.4 |
| June | 30,618 | 2,431.7 | 3,761 | 301.3 | 2,534 | 169.2 | 36,913 | 2,902.2 |
| July | 31,498 | 2,450.3 | 1,875 | 144.5 | 2,324 | 158.6 | 35,697 | 2,753.3 |
| August | 33,240 | 2,743.7 | 2,133 | 167.5 | 2,149 | 145.8 | 37,522 | 3,057.1 |
| September | 32,332 | 2,648.2 | 2,210 | 173.8 | 2,059 | 142.1 | 36,601 | 2,964.0 |
| October | 34,024 | 2,754.3 | 2,290 | 183.1 | 2,060 | 150.0 | 38,374 | 3,087.4 |
| November | 30,570 | 2,522.9 | 2,252 | 177.5 | 1,749 | 126.0 | 34,571 | 2,826.3 |
| December | 30,108 | 2,476.1 | 2,750 | 219.5 | 1,909 | 125.5 | 34,767 | 2,821.2 |
| TREND ESTIMATES |  |  |  |  |  |  |  |  |
| 1991 |  |  |  |  |  |  |  |  |
| October | 23,233 | 1,697.8 | 3,503 | 269.0 | 3,008 | 230.4 | 29,744 | 2,197.2 |
| November | 22,909 | 1,681.0 | 3,712 | 289.6 | 2,926 | 222.2 | 29,547 | 2,192.8 |
| December | 22,858 | 1,684.7 | 4,048 | 321.3 | 2,822 | 212.3 | 29,728 | 2,218.3 |
|  |  |  |  |  |  |  |  |  |
| January | 23,285 | 1,725.6 | 4,412 | 355.1 | 2,720 | 202.2 | 30,417 | 2,282.9 |
| February | 24,189 | 1,804.2 | 4,649 | 377.7 | 2,629 | 192.5 | 31,467 | 2,374.4 |
| March | 25,501 | 1,919.0 | 4,619 | 377.4 | 2,554 | 183.7 | 32,673 | 2,480.0 |
| April | 27,083 | 2,062.3 | 4,283 | 350.7 | 2,497 | 176.1 | 33,862 | 2,589.2 |
| May | 28,807 | 2,224.1 | 3,731 | 304.9 | 2,448 | 170.0 | 34,987 | 2,699.0 |
| June | 30,446 | 2,386.1 | 3,121 | 253.1 | 2,387 | 164.1 | 35,954 | 2,803.2 |
| July | 31,625 | 2,514.7 | 2,626 | 210.6 | 2,300 | 157.6 | 36,551 | 2,882.9 |
| August | 32,242 | 2,596.5 | 2,348 | 186.3 | 2,196 | 151.1 | 36,786 | 2,933.9 |
| September | 32,430 | 2,637.5 | 2,239 | 176.6 | 2,089 | 144.8 | 36,759 | 2,958.9 |
| October (b) (e) | 32,285 | 2,643.6 | 2,226 | 175.4 | 1,989 | 138.7 | 36,500 | 2,957.7 |
| October (c) (e) | 32,236 | 2,637.7 | 2,270 | 179.1 | 1,998 | 139.0 | 36,503 | 2,955.7 |
| October (d) (e) | 32,101 | 2,626.6 | 2,257 | 178.1 | 1,989 | 138.4 | 36,347 | 2,943.1 |
| November (b) (e) | 31,936 | 2,627.5 | 2,272 | 179.2 | 1,903 | 132.9 | 36,111 | 2,939.7 |
| November (c) (e) | 31,853 | 2,616.0 | 2,389 | 189.3 | 1,934 | 134.0 | 36,176 | 2,939.3 |
| November (d) (e) | 31,408 | 2,579.4 | 2,348 | 186.0 | 1,906 | 132.2 | 35,661 | 2,897.6 |
| December (b) (e) | 31,403 | 2,589.9 | 2,348 | 186.5 | 1,829 | 127.9 | 35,579 | 2,904.4 |
| December (c) (e) | 31,436 | 2,588.2 | 2,528 | 201.2 | 1,891 | 129.9 | 35,855 | 2,919.3 |
| December (d) (e) | 30,596 | 2,519.1 | 2,451 | 195.1 | 1,838 | 126.4 | 34,885 | 2,840.6 |

(a) Excludes alterations and additions. Note also that new seasonal adjustment factors were introduced from October 1992 and historical series for seasonally adjusted and trend estimates were revised. (b) Trend estimate based on existing data to December 1992. (c) Revised trend if seasonally adjusted series rises 5 per cent in January 1993. (d) Revised trend if seasonally adjusted series falls 5 per cent in January 1993. (e) Refer Analytical Notes at beginning of publication for further explanation.
TABLE 4 - SECURED HOUSING FINANCE COMMITMENTS TO INDIVIDUALS - ALL LENDERS

|  | Construction of dwellings. |  |  |  | Purchase of newly erected dwellings |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Houses |  | Other dwellings |  | Houses |  | Other dwellings |  |
|  | Dwelling $\qquad$ | sm | Dwelling units | Sm | Dwelling units | \$m | Dwelling units | sm |
| AUSTRALIA |  |  |  |  |  |  |  |  |
| YEARS |  |  |  |  |  |  |  |  |
| 1989-1990 | 61,147 | 3,416.2 | 1,436 | 119.5 | 11,856 | 880.1 | 2,462 | 205.3 |
| 1990-1991 | 61,809 | 3,711.7 | 1,316 | 109.5 | 12,950 | 1,041.2 | 3,461 | 279.0 |
| 1991-1992 | 72,717 | 4,687.3 | 1,825 | 141.0 | 15,992 | 1,312.0 | 3,774 | 324.2 |
| 1991 |  |  |  |  |  |  |  |  |
| October | 5,767 | 367.2 | 183 | 13.0 | 1,324 | 103.5 | 302 | 24.7 |
| November | 5,687 | 358.9 | 123 | 8.7 | 1,236 | 102.8 | 332 | 29.5 |
| December | 5,250 | 331.8 | 118 | 8.7 | 1,136 | 93.2 | 226 | 19.5 |
| 1992 2 6.9 |  |  |  |  |  |  |  |  |
| January | 5,056 | 310.1 | 110 | 6.9 | 1,069 | 84.7 | 262 | 22.2 |
| February | 6,044 | 379.1 | 114 | 9.0 | 1,348 | 113.6 | 347 | 31.6 |
| March | 7,014 | 465.0 | 196 | 14.6 | 1,639 | 136.1 | 372 | 30.4 |
| April | 6,881 | 458.5 | 194 | 16.2 | 1,415 | 121.4 | 385 | 32.0 |
| May | 6,913 | 461.5 | 160 | 14.5 | 1,323 | 113.3 | 308 | 31.9 |
| June | 6,739 | 456.2 | 167 | 14.8 | 1,574 | 131.6 | 345 | 32.2 |
| July | 7,120 | 490.8 | 217 | 16.3 | 1,519 | 125.9 | 398 | 36.9 |
| August | 6,846 | 486.2 | 189 | 14.7 | 1,380 | 110.9 | 419 | 36.8 |
| September | 7,512 | 541.1 | 237 | 18.1 | 1,424 | 113.0 | 418 | 36.8 |
| October | 6,948 | 495.2 | 184 | 15.4 | 1,294 | 109.3 | 437 | 40.1 |
| November | 6,996 | 526.0 | 173 | 15.1 | 1,281 | 104.7 | 371 | 33.8 |
| December | 6,720 | 476.5 | 215 | 16.7 | 1,108 | 93.6 | 378 | 33.9 |


| STATES - NOVEMBER 1992 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSW | 1,647 | 132.8 | 46 | 3.9 | 368 | 35.9 | 112 | 11.8 |
| Vic. | 1,518 | 110.7 | 22 | 2.3 | 291 | 21.0 | 38 | 3.1 |
| Qld | 1,885 | 149.5 | 50 | 3.7 | 209 | 15.3 | 87 | 7.4 |
| SA | 524 | 34.4 | 21 | 1.3 | 219 | 14.8 | 73 | 6.1 |
| WA | 1,113 | 78.7 | 18 | 2.6 | 70 | 5.1 | 18 | 0.9 |
| Tas. | 177 | 8.5 | 7 | 0.5 | 19 | 1.4 | 4 | 0.3 |
| NT | 43 | 3.0 | 3 | 0.2 | 3 | 0.3 | 9 | 0.7 |
| ACT | 89 | 8.5 | 6 | 0.5 | 102 | 10.9 | 30 | 3.4 |
| STATES - DECEMBER 1992 |  |  |  |  |  |  |  |  |
| NSW | 1,462 | 111.0 | 43 | 3.7 | 265 | 25.2 | 103 | 9.6 |
| Vic. | 1,414 | 107.2 | 49 | 3.2 | 250 | 19.4 | 53 | 4.4 |
| Qld | 1,977 | 132.6 | 32 | 3.6 | 182 | 14.2 | 77 | 7.5 |
| SA | 550 | 35.9 | 55 | 3.7 | 235 | 17.2 | 88 | 6.6 |
| WA | 1,021 | 70.1 | 24 | 1.8 | 71 | 7.1 | 15 | 1.2 |
| Tas. | 170 | 8.7 | 7 | 0.2 | 20 | 1.3 | 6 | 0.3 |
| NT | 36 | 2.4 | - | - | 5 | 0.7 | 4 | 0.3 |
| ACT | 90 | 8.6 | 5 | 0.5 | 80 | 8.4 | 32 | 3.9 |

TABLE 4 - SECURED HOUSING FINANCE COMMITMENTS TO INDIVIDUALS - ALL LENDERS - continued

|  | Purchase of established dwellings (a) |  |  |  | Refinancing (a) |  | Total new housing commilments |  | Alterations and additions \$m | $\begin{array}{r} \text { Commitments } \\ \text { advanced } \\ \text { during } \\ \text { period } \\ \$ m \\ \hline \end{array}$ | Cancellations of commitments $\$ m$ | Commitments not advanced at end of period $\$ m$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Houses |  | Other dwellings |  |  |  |  |  |  |  |  |  |
|  | Dwelling units | \$m | Dwelling units | \$m | Dwelling units | \$m | Dwelling units | \$m |  |  |  |  |
| AUSTRALIA |  |  |  |  |  |  |  |  |  |  |  |  |
| YEARS |  |  |  |  |  |  |  |  |  |  |  |  |
| 1989-1990 | 187,082 | 13,044.3 | 16,093 | 1,294.5 |  |  | 280,076 | 18,959.9 | 904.7 | 19,354.4 | 751.3 | 3,546.5 |
| 1990-1991 | 197,370 | 14,254.5 | 16,815 | 1,379.8 |  |  | 293,721 | 20,775.7 | 982.9 | 20,427.1 | 657.7 | 4,219.3 |
| 1991-1992 | 234,466 | 18,311.1 | 18,722 | 1,567.5 | 31,810 | 2,195.3 | 379,306 | 28,538.4 | 1,359.2 | 28,004.1 | 1,042.2 | 5,360.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| October | 19,427 | 1,504.4 | 1,483 | 114.3 | 2,182 | 141.8 | 30,668 | 2,268.8 | 124.0 | 2,266.6 | 91.9 | 4,489.7 |
| November | 19,546 | 1,497.4 | 1,469 | 121.0 | 2,361 | 153.0 | 30,754 | 2,271.3 | 108.5 | 2,174.5 | 64.7 | 4,631.6 |
| December | 16,980 | 1,323.9 | 1,343 | 115.0 | 2,206 | 147.5 | 27,259 | 2,039.6 | 95.7 | 2,369.6 | 64.7 | 4,320.5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| January | 15,987 | 1,203.5 | 1,272 | 116.8 | 2,342 | 153.3 | 26,098 | 1,897.4 | 94.8 | 1,837.4 | 61.2 | 4,430.3 |
| February | 20,094 | 1,571.5 | 1,686 | 142.8 | 2,883 | 200.0 | 32,516 | 2,447.6 | 104.3 | 2,036.8 | 74.6 | 4,872.2 |
| March | 21,572 | 1,686.3 | 1,889 | 162.2 | 3,116 | 226.0 | 35,798 | 2,720.5 | 121.7 | 2,488.4 | 128.2 | 5,131.0 |
| April | 20,655 | 1,668.6 | 1,581 | 133.3 | 3,519 | 251.4 | 34,630 | 2,681.3 | 131.9 | 2,657.0 | 117.4 | 5,111.0 |
| May | 21,041 | 1,707.5 | 1,798 | 147.7 | 3,389 | 251.5 | 34,932 | 2,728.0 | 127.8 | 2,501.2 | 92.9 | 5,378.8 |
| June | 21,291 | 1,757.0 | 1,833 | 155.5 | 3,866 | 292.5 | 35,815 | 2,839.7 | 125.4 | 2,872.7 | 110.7 | 5,360.0 |
| July | 21,630 | 1,762.7 | 1,811 | 156.5 | 4,094 | 299.9 | 36,789 | 2,888.9 | 129.9 | 2,977.7 | 109.8 | 5,384.2 |
| August | 20,961 | 1,767.4 | 1,739 | 144.3 | 4,324 | 315.7 | 35,858 | 2,875.9 | 129.7 | 2,756.4 | 100.2 | 5,527.5 |
| September | 23,123 | 1,939.6 | 1,707 | 148.7 | 4,935 | 362.1 | 39,356 | 3,159.4 | 150.0 | 3,066.1 | 142.9 | 5,629.9 |
| October | 20,951 | 1,768.1 | 1,587 | 135.8 | 4,271 | 314.0 | 35,672 | 2,877.8 | 129.4 | 2,783.9 | 92.4 | 5,760.8 |
| November | 21,467 | 1,794.0 | 1,712 | 151.5 | 3,583 | 260.6 | 35,583 | 2,885.6 | 121.4 | 2,748.5 | 85.2 | 6,008.8 |
| December | 21,260 | 1,824.7 | 1,618 | 145.2 | 3,563 | 259.2 | 34,862 | 2,849.7 | 111.1 | 3,294.0 | 96.2 | 5,625.4 |


| STATES - NOVEMBER 1992 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NSW | 5,817 | 580.5 | 717 | 74.2 | 1,011 | 83.1 | 9,718 | 922.2 | 45.9 | 873.2 | 36.9 | 2,235.1 |
| Vic. | 5,872 | 479.6 | 356 | 27.3 | 812 | 58.2 | 8,909 | 702.1 | 20.3 | 609.2 | 13.0 | 1,500.5 |
| Qld | 4,246 | 335.1 | 311 | 25.9 | 868 | 59.0 | 7,656 | 596.1 | 28.3 | 559.9 | 16.2 | 1,066.9 |
| SA | 1,669 | 114.4 | 113 | 8.6 | 125 | 7.8 | 2,744 | 187.4 | 7.1 | 200.3 | 5.0 | 289.1 |
| WA | 2,569 | 185.5 | 157 | 11.0 | 640 | 44.7 | 4,585 | 328.5 | 13.5 | 331.9 | 8.6 | 593.3 |
| Tas. | -579 | 33.6 | 16 | 0.8 | 45 | 1.9 | 847 | 47.0 | 2.6 | 47.5 | 0.7 | 72.7 |
| NT | 254 | 20.1 | 13 | 0.8 | 2 | 0.1 | 327 | 25.2 | 0.6 | 24.2 | 0.3 | 37.5 |
| ACT | 461 | 45.1 | 29 | 2.9 | 80 | 5.7 | 797 | 77.0 | 3.1 | 102.2 | 4.5 | 213.9 |
| STATES - DECEMBER 1992 |  |  |  |  |  |  |  |  |  |  |  |  |
| NSW | 5,891 | 589.3 | 679 | 70.1 | 1,024 | 83.5 | 9,467 | 892.4 | 40.5 | 1,113.1 | 42.2 | 2,012.7 |
| Vic. | 5,733 | 491.4 | 355 | 27.1 | 811 | 60.5 | 8,665 | 713.2 | 19.2 | 732.9 | 13.8 | 1,486.1 |
| Qld | 4,237 | 335.9 | 316 | 27.2 | 861 | 57.6 | 7,682 | 578.7 | 26.3 | 690.3 | 21.5 | 1,002.0 |
| SA | 1,861 | 133.7 | 109 | 8.9 | 157 | 8.5 | 3,055 | 214.5 | 7.4 | 215.5 | 6.9 | 292.0 |
| WA | 2,277 | 176.5 | 87 | 5.6 | 575 | 39.9 | 4,070 | 302.2 | 11.6 | 331.9 | 7.7 | 567.5 |
| Tas. | 574 | 33.4 | 16 | 1.0 | 68 | 3.4 | 861 | 48.2 | 2.7 | 57.8 | 0.2 | 65.5 |
| NT | 230 | 17.0 | 29 | 2.3 | 7 | 0.5 | 311 | 23.2 | 0.4 | 25.7 | 0.5 | 35.3 |
| ACT | 457 | 47.6 | 27 | 3.0 | 60 | 5.5 | 751 | 77.4 | 3.1 | 126.8 | 3.4 | 164.3 |

(a) Prior to July 1991, Refinancing was included in Purchase of established dwellings.

## EXPLANATORY NOTES

## Introduction

This publication presents statistics of secured housing finance commitments made by significant lenders to individuals for the construction or purchase of dwellings for owner occupation. For detailed information on the scope and coverage of these statistics and definitions of data items, refer to the July 1992 issue of this publication.
2. While the statistics are described as being for calendar months, it should be noted that:
(i) in the case of some of the larger banks, the data relate to a month ending on the last Wednesday; and
(ii) in the case of other lenders, some have accounting periods which do not correspond exactly to a calendar month and their figures are used without adjustment.

## Seasonally adjusted and trend estimates

3. In the seasonal adjustment of these series, account has been taken not only of normal seasonal factors, but also of 'trading day' effects (arising from the varying reporting practices of the lenders) and the influence of Easter which may, in successive years, affect figures for different months. Details of the methods used in seasonally adjusting these series are available on request.
4. Seasonal adjustment procedures do not aim to remove the irregular or 'non-seasonal' influences which may be present in any particular month. Irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after seasonal adjustment.
5. Smoothing seasonally adjusted series to create trend estimates is a means of reducing the impact of the irregular component of the series. For explanation of how the trend estimates presented in this publication are derived please refer to the Analytical Notes at the beginning of the publication.

## Unpublished data

6. More detailed dissections of the data in this publication may be made available on request. Generally
a charge is made for providing this information. Inquiries should be made to the officer named in the Phone Inquiries section of the inquiries box at the front of this publication or by writing to Financial Surveys Section, ABS, P.O. Box 10, Belconnen, A.C.T. 2616.

## Revisions

7. Revisions to previously published statistics are included in issues of this publication as they occur.

## Commitments not advanced at end of period

8. In principle, 'commitments not advanced at end of period' presented in Table 4 are derivable by adding total new housing commitments plus alterations and additions less cancellations of commitments less commitments advanced during the period to the balance of commitments at the end of the previous period. In practice, however, revisions and other adjustments may mean that such a derivation is inexact.

## Related publications

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

Personal Finance, Australia (5642.0)—issued monthly
Commercial Finance, Australia (5643.0)-issued monthly
Lease Finance, Australia (5644.0)—issued monthly
10. Current publications produced by the ABS are listed in the Catalogue of Publications and Products, Australia (1101.0). The ABS also issues, on Tuesdays and Fridays, a Publications Advice (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

## Symbols and other usages <br> - nil or rounded to zero <br> . . not applicable <br> n.y.a. not yet available

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

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[^0]:    (a) Excludes alterations and additions.

[^1]:    (a) Excludes alterations and additions. Note also that new seasonal adjustment factors were introduced from October 1992 and historical series for seasonally adjusted and trend estimates were revised. (b) Includes refinancing. (c) Trend estimate based on existing data to December 1992. (d) Revised trend if seasonally adjusted series rises 5 per cent in January 1993. (e) Revised trend if seasonally adjusted series falls 5 per cent in January 1993. (f) Refer Analytical Notes at beginning of publication for further explanation.

