

Private sector houses approved


- For further information about these and related statistics, contact Merv Leaker on 088237 7585, or any ABS Office.


## JUNE KEY FIGURES

| TREND ESTIMATES | Jun 1998 | \% change <br> May 1998 to <br> Jun 1998 | \% chan <br> Jun 19 <br> Jun 19 |
| :--- | :--- | :--- | :--- |
| Dwelling units approved 1394 2.9 22.8 <br> $\quad$ Private sector houses 1767 3.4 28.2$\quad$Total dwelling units |  |  |  |



| Dwelling units approved |  |  |  |
| :--- | ---: | ---: | ---: |
| Private sector houses | 1415 | 3.7 | 27.7 |
| Total dwelling units | 1836 | 11.3 | 46.7 |

## JUNE KEY POINTS

## TREND ESTIMATES

- The trend for total dwelling units increased by $3.4 \%$ in June and is $28.2 \%$ higher than June 1997.
- The trend in private sector houses continued its upward movement with an increase of $2.9 \%$ in June.


## SEASONALLY ADJUSTEDESTIMATES

- The seasonally adjusted estimate for total dwelling units increased by $11.3 \%$ in June (the average monthly movement is $9 \%$ ). It is at the highest level since January 1995.
- The seasonally adjusted estimate for private sector houses increased by $3.7 \%$ in June. There have been five consecutive increases in this seasonally adjusted estimate since January 1998.


## ORIGINAL ESTIMATES

- The total number of dwelling units approved in June was 2,054 . Houses accounted for 1,832 of this total and other dwellings 222. Canning (140) and Cockburn (130) recorded the most dwelling approvals in the Perth SD, while Bunbury (73) and Mandurah (62) were the highest outside the Perth SD.
- The value of non-residential building approved was $\$ 71.1$ million. Shops accounted for $\$ 24.4$ million, followed by Health ( $\$ 8.5$ million) and Offices ( $\$ 7.5$ million).
- There were two jobs valued at $\$ 5$ million and over.


## NOTES

FORTHCOMING ISSUES

CHANGES IN THIS ISSUE

DATA NOTES

REVISIONS THIS MONTH

ISSUE
July 1998
August 1998
September 1998

RELEASE DATE
8 September 1998
7 October 1998
9 November 1998

There are no changes in this issue.

As advised in the last issue, Census Collectors District level information for dwelling approval data up to December 1997 is now available. This has also involved some changes to the Statistical Local Area coding for approximately 60 dwellings throughout Western Australia. For further information please contact Tamra Nitschke on 088237 7655.

There are no revisions this month.

## Colin Nagle

Regional Director, Western Australia

## VALUEOFBUILDINGS APPROVED

VALUE OF TOTAL BUILDING
The trend continued its upward movement in June to be $3.8 \%$ higher than May and 15.4\% higher than September 1997.


VALUE OF RESIDENTIAL BUILDING The trend has grown consistently since mid 1996 with the rate of growth accelerating since December 1997. It has increased by $23.2 \%$ since that time.


VALUE OF NON-RESIDENTIAL BUILDING

The trend has been increasing since March 1998 following a continuous fall from late 1996. The June trend is $6 \%$ above the March level.

DWELLING UNITS APPROVED

DWELLING UNITS APPROVED

|  | New <br> residential <br> building | Alerations and <br> additions to <br> residential buildings | Non <br> residential <br> building | Total <br> dwelling <br> units |  |
| :--- | :--- | :--- | :--- | :---: | :---: |
| No. of dwelling units <br> $1997-98$ | 18354 | 45 | 21 | 40 | 18460 |
| 1996-97 to 1997-98 <br> \% change | 17.3 | -27.4 | 600.0 | 25.0 | 17.3 |

VALUE OF BUILDING APPROVED
Percentage movements for the value of building approved between 1996-97 and 1997-98 for Western Australia are summarised below

VALUE OF BUILDING APPROVED

|  | New residential building | Alterations and additions to residential buildings creating dwellings | Alterations and additions to residential buildings not creating dwellings | Conversions | Non residential building | Total building |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Value (\$M) 1997-98 | 1856.2 | 2.4 | 184.3 | 0.9 | 899.8 | 2943.8 |
| 1996-97 to 1997-98 |  |  |  |  |  |  |
| \% change | 21.7 | -51.0 | 9.9 | 800.0 | -25.3 | 1.5 |

(a) See Glossary for definition.

## 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 July seasonally adjusted estimate is higher than the June estimate by $6 \%$ for the number of private sector houses approved and $9 \%$ for total dwelling units approved; and that the July seasonally adjusted estimate is lower than the June estimate by $6 \%$ for the number of private sector houses approved and $9 \%$ for total dwelling units approved. These percentages were chosen because they represent the average absolute monthly percentage change for these series over the last ten years.

## PRIVATE SECTOR HOUSES



## TREND AS

 PUBLISHED no. \% changeFebruary 1998
$1998 \quad 12561.2$

April 1998
May 1998
June 1998
July 1998

WHAT IF NEXT QUARTER'S SEASONALLY
ADJUSTED ESTIMATE:

1
rises by 6\% on Jun 1998
no. \% change
12521.1
12802.3
13233.4
$1373 \quad 3.7$
14213.5
14633.0

## 2

falls by 6\% on Jun 1998
no. \% change
$1258 \quad 1.3$
12832.0
$1316 \quad 2.5$
$1347 \quad 2.4$
13731.9
13901.3

## TOTAL DWELLING UNITS

WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE:


| TREND AS |  |
| :--- | :--- |
| PUBLISHED |  |
| no. | \% change |
|  |  |
| 1549 | 2.7 |
| 1596 | 3.1 |
| 1653 | 3.5 |
| 1709 | 3.4 |
| 1767 | 3.4 |
| n.y.a. | n.y.a. |

1
rises by $9 \%$ on Jun 1998
no. \% change
$\begin{array}{llll}1541 & 2.5 & 1552 & 2.8\end{array}$
February 1998
March 1998
April 1998
May 1998
June 1998
July 1998
15923.4
15983.0
16493.2
$1696 \quad 2.8$
17332.2
$1760 \quad 1.5$

|  | HOUSES.................. |  | OTHER DWELLINGS(a) |  | TOTAL DWELLING UNITS |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Private <br> sector | Total | Private <br> sector | Total | Private <br> sector | Total |
| Month | no. | no. | no. | no. | no. | no. |


| ORIGINAL |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 |  |  |  |  |  |  |
| April | 1398 | 1457 | 131 | 169 | 1529 | 1626 |
| May | 1329 | 1378 | 161 | 198 | 1490 | 1576 |
| June | 1106 | 1151 | 87 | 103 | 1193 | 1254 |
| July | 1150 | 1284 | 206 | 247 | 1356 | 1531 |
| August | 1178 | 1228 | 133 | 145 | 1311 | 1373 |
| September | 1186 | 1216 | 98 | 112 | 1284 | 1328 |
| October | 1304 | 1323 | 147 | 185 | 1451 | 1508 |
| November | 1309 | 1356 | 164 | 185 | 1473 | 1541 |
| December | 1167 | 1214 | 107 | 198 | 1274 | 1412 |
| 1998 |  |  |  |  |  |  |
| J anuary | 953 | 976 | 163 | 179 | 1116 | 1155 |
| February | 1123 | 1162 | 238 | 279 | 1361 | 1441 |
| March | 1330 | 1363 | 252 | 384 | 1582 | 1747 |
| April | 1296 | 1377 | 143 | 199 | 1439 | 1576 |
| May | 1481 | 1505 | 261 | 289 | 1742 | 1794 |
| June | 1491 | 1832 | 212 | 222 | 1703 | 2054 |

SEASONALLY ADJUSTED

| 1997 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1223 | 1269 | n.a. | n.a. | 1472 | 1552 |
| May | 1159 | 1196 | n.a. | n.a. | 1300 | 1358 |
| June | 1108 | 1132 | n.a. | n.a. | 1219 | 1252 |
| July | 1088 | 1272 | n.a. | n.a. | 1289 | 1479 |
| August | 1159 | 1217 | n.a. | n.a. | 1282 | 1384 |
| September | 1121 | 1153 | n.a. | n.a. | 1213 | 1279 |
| October | 1218 | 1254 | n.a. | n.a. | 1365 | 1444 |
| November | 1345 | 1404 | n.a. | n.a. | 1497 | 1600 |
| December | 1225 | 1281 | n.a. | n.a. | 1340 | 1477 |
| 1998 |  |  |  |  |  |  |
| January | 1166 | 1204 | n.a. | n.a. | 1315 | 1382 |
| February | 1237 | 1288 | n.a. | n.a. | 1466 | 1556 |
| March | 1263 | 1290 | n.a. | n.a. | 1484 | 1605 |
| April | 1354 | 1418 | n.a. | n.a. | 1587 | 1705 |
| May | 1364 | 1382 | n.a. | n.a. | 1612 | 1649 |
| June | 1415 | 1604 | n.a. | n.a. | 1668 | 1836 |


| TREND ESTIMATES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 ( |  |  |  |  |  |  |
| April | 1177 | 1221 | 122 | 151 | 1299 | 1372 |
| May | 1156 | 1198 | 141 | 181 | 1296 | 1379 |
| June | 1135 | 1177 | 153 | 202 | 1288 | 1378 |
| July | 1131 | 1172 | 152 | 207 | 1283 | 1379 |
| August | 1146 | 1188 | 140 | 197 | 1286 | 1385 |
| September | 1174 | 1218 | 128 | 183 | 1301 | 1401 |
| October | 1203 | 1249 | 126 | 178 | 1329 | 1427 |
| November | 1223 | 1271 | 134 | 184 | 1357 | 1454 |
| December | 1233 | 1278 | 148 | 200 | 1382 | 1478 |
| 1998 |  |  |  |  |  |  |
| J anuary | 1241 | 1282 | 170 | 226 | 1411 | 1508 |
| February | 1256 | 1298 | 194 | 251 | 1449 | 1549 |
| March | 1282 | 1331 | 215 | 266 | 1497 | 1596 |
| April | 1318 | 1379 | 233 | 274 | 1551 | 1653 |
| May | 1354 | 1432 | 248 | 277 | 1602 | 1709 |
| June | 1394 | 1492 | 261 | 275 | 1655 | 1767 |

(a) See Glossary for definition.

HOUSES. $\qquad$
Private
sector $\quad$ Total

OTHER DWELLINGS(a)..
Private Private
sector Total sector Total ORIGINAL (\% change from preceding month)

| ORIGINAL (\% change from preceding month) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 |  |  |  |  |  |  |
| April | 45.9 | 40.2 | -7.1 | -4.5 | 39.1 | 33.7 |
| May | -4.9 | -5.4 | 22.9 | 17.2 | -2.6 | -3.1 |
| June | -16.8 | -16.5 | -46.0 | -48.0 | -19.9 | -20.4 |
| July | 4.0 | 11.6 | 136.8 | 139.8 | 13.7 | 22.1 |
| August | 2.4 | -4.4 | -35.4 | -41.3 | -3.3 | -10.3 |
| September | 0.7 | -1.0 | -26.3 | -22.8 | -2.1 | -3.3 |
| October | 9.9 | 8.8 | 50.0 | 65.2 | 13.0 | 13.6 |
| November | 0.4 | 2.5 | 11.6 | 0.0 | 1.5 | 2.2 |
| December | -10.8 | -10.5 | -34.8 | 7.0 | -13.5 | -8.4 |
| 1998 |  |  |  |  |  |  |
| J anuary | -18.3 | -19.6 | 52.3 | -9.6 | -12.4 | -18.2 |
| February | 17.8 | 19.1 | 46.0 | 55.9 | 22.0 | 24.8 |
| March | 18.4 | 17.3 | 5.9 | 37.6 | 16.2 | 21.2 |
| April | -2.6 | 1.0 | -43.3 | -48.2 | -9.0 | -9.8 |
| May | 14.3 | 9.3 | 82.5 | 45.2 | 21.1 | 13.8 |
| June | 0.7 | 21.7 | -18.8 | -23.2 | -2.2 | 14.5 |

SEASONALLY ADJUSTED (\% change from preceding month)

| 1997 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| April | 1.8 | 0.1 | n.a. | n.a. | 14.6 | 12.1 |
| May | -5.2 | -5.8 | n.a. | n.a. | -11.7 | -12.5 |
| June | -4.4 | -5.3 | n.a. | n.a. | -6.2 | -7.8 |
| July | -1.8 | 12.3 | n.a. | n.a. | 5.8 | 18.2 |
| August | 6.5 | -4.3 | n.a. | n.a. | -0.6 | -6.4 |
| September | -3.3 | -5.3 | n.a. | n.a. | -5.4 | -7.6 |
| October | 8.6 | 8.8 | n.a. | n.a. | 12.5 | 12.9 |
| November | 10.4 | 11.9 | n.a. | n.a. | 9.7 | 10.8 |
| December | -8.9 | -8.8 | n.a. | n.a. | -10.5 | -7.7 |
| 1998 |  |  |  |  |  |  |
| January | -4.8 | -6.0 | n.a. | n.a. | -1.9 | -6.4 |
| February | 6.1 | 7.0 | n.a. | n.a. | 11.5 | 12.5 |
| March | 2.1 | 0.1 | n.a. | n.a. | 1.2 | 3.1 |
| April | 7.2 | 9.9 | n.a. | n.a. | 7.0 | 6.3 |
| May | 0.8 | -2.5 | n.a. | n.a. | 1.6 | -3.3 |
| June | 3.7 | 16.0 | n.a. | n.a. | 3.4 | 11.3 |

TREND ESTIMATES (\% change from preceding month)

| 1997 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| April | -0.7 | -0.7 | 15.8 | 21.3 | 0.7 | 1.3 |
| May | -1.8 | -1.8 | 15.4 | 20.0 | -0.2 | 0.6 |
| June | -1.7 | -1.8 | 8.3 | 11.3 | -0.7 | -0.1 |
| July | -0.4 | -0.4 | -0.3 | 2.5 | -0.4 | 0.0 |
| August | 1.3 | 1.4 | -7.9 | -4.7 | 0.2 | 0.5 |
| September | 2.4 | 2.5 | -8.9 | -7.2 | 1.2 | 1.1 |
| October | 2.5 | 2.5 | -1.1 | -2.8 | 2.1 | 1.8 |
| November | 1.7 | 1.7 | 6.3 | 3.1 | 2.1 | 1.9 |
| December | 0.8 | 0.6 | 10.7 | 8.9 | 1.8 | 1.6 |
| 1998 |  |  |  |  |  |  |
| J anuary | 0.6 | 0.4 | 14.6 | 13.0 | 2.1 | 2.1 |
| February | 1.2 | 1.2 | 13.9 | 11.0 | 2.7 | 2.7 |
| March | 2.1 | 2.5 | 10.8 | 6.0 | 3.3 | 3.1 |
| April | 2.8 | 3.6 | 8.6 | 3.2 | 3.6 | 3.5 |
| May | 2.8 | 3.9 | 6.4 | 0.9 | 3.3 | 3.4 |
| June | 2.9 | 4.2 | 5.0 | -0.6 | 3.3 | 3.4 |

(a) See Glossary for definition.

|  | New residential building | Alterations and additions to residential buildings(a) | Total residential building | Nonresidential building | Total building |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Month | \$m | \$m | \$m | \$m | \$m |


| ORIGINAL |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 |  |  |  |  |  |
| April | 159.2 | 16.8 | 176.0 | 78.8 | 254.8 |
| May | 157.3 | 15.2 | 172.4 | 146.4 | 318.9 |
| June | 130.2 | 14.1 | 144.3 | 54.1 | 198.4 |
| July | 147.2 | 16.0 | 163.2 | 105.3 | 268.5 |
| August | 135.0 | 15.7 | 150.7 | 81.4 | 232.1 |
| September | 139.3 | 15.8 | 155.1 | 56.5 | 211.7 |
| October | 150.6 | 18.3 | 169.0 | 98.3 | 267.2 |
| November | 154.6 | 16.2 | 170.8 | 79.4 | 250.2 |
| December | 135.2 | 16.2 | 151.3 | 70.3 | 221.6 |
| 1998 |  |  |  |  |  |
| J anuary | 122.3 | 13.8 | 136.1 | 57.6 | 193.7 |
| February | 138.8 | 16.5 | 155.3 | 69.1 | 224.4 |
| March | 172.8 | 16.2 | 189.0 | 62.4 | 251.4 |
| April | 163.3 | 12.4 | 175.7 | 42.3 | 218.0 |
| May | 195.5 | 16.7 | 212.2 | 106.1 | 318.3 |
| June | 201.7 | 13.8 | 215.5 | 71.1 | 286.7 |


| SEASONALLY ADJUSTED |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 ( |  |  |  |  |  |
| April | 144.4 | 14.6 | 159.0 | n.a. | 229.0 |
| May | 141.8 | 16.2 | 158.0 | n.a. | 269.8 |
| June | 128.6 | 16.3 | 144.9 | n.a. | 215.3 |
| July | 144.9 | 15.6 | 160.5 | n.a. | 267.9 |
| August | 132.7 | 16.1 | 148.8 | n.a. | 222.8 |
| September | 139.0 | 15.0 | 154.0 | n.a. | 213.7 |
| October | 141.5 | 16.0 | 157.5 | n.a. | 250.2 |
| November | 164.6 | 15.5 | 180.1 | n.a. | 234.9 |
| December | 138.2 | 16.1 | 154.3 | n.a. | 245.3 |
| 1998 |  |  |  |  |  |
| J anuary | 142.5 | 16.0 | 158.4 | n.a. | 239.2 |
| February | 151.2 | 16.5 | 167.7 | n.a. | 234.2 |
| March | 159.3 | 14.2 | 173.5 | n.a. | 234.6 |
| April | 171.8 | 14.0 | 185.8 | n.a. | 229.6 |
| May | 176.2 | 17.6 | 193.8 | n.a. | 275.7 |
| June | 190.8 | 15.4 | 206.1 | n.a. | 291.8 |

TREND ESTIMATES

| 1997 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 135.2 | 15.6 | 150.8 | 92.8 | 243.6 |
| May | 136.9 | 15.8 | 152.6 | 91.2 | 243.8 |
| June | 137.8 | 15.9 | 153.7 | 88.1 | 241.8 |
| July | 138.7 | 15.9 | 154.6 | 83.4 | 238.0 |
| August | 139.7 | 15.8 | 155.5 | 80.0 | 235.5 |
| September | 141.2 | 15.7 | 156.9 | 77.7 | 234.6 |
| October | 143.3 | 15.8 | 159.0 | 76.4 | 235.5 |
| November | 145.0 | 15.8 | 160.8 | 75.5 | 236.3 |
| December | 146.5 | 15.8 | 162.3 | 74.0 | 236.3 |
| 1998 |  |  |  |  |  |
| January | 149.2 | 15.7 | 164.9 | 71.4 | 236.2 |
| February | 153.9 | 15.6 | 169.4 | 68.7 | 238.2 |
| March | 160.5 | 15.5 | 176.0 | 66.7 | 242.7 |
| April | 168.4 | 15.5 | 183.9 | 66.9 | 250.8 |
| May | 176.1 | 15.5 | 191.7 | 69.2 | 260.9 |
| June | 184.4 | 15.6 | 200.0 | 70.7 | 270.7 |

[^0]|  |  | Alterations |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | New | and additions | Total | Non- |  |
| Month | residential | to residential | residential | residential | Total |
| building | buildings(a) | building | building | building |  |


| ORIGINAL (\% change from preceding month) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1997 |  |  |  |  |  |
| April | 26.5 | 11.9 | 25.0 | -12.8 | 10.2 |
| May | -1.2 | -9.5 | -2.0 | 85.8 | 25.1 |
| June | -17.2 | -7.1 | -16.3 | -63.1 | -37.8 |
| July | 13.1 | 13.8 | 13.1 | 94.7 | 35.4 |
| August | -8.3 | -2.2 | -7.7 | -22.7 | -13.6 |
| September | 3.2 | 1.1 | 3.0 | -30.5 | -8.8 |
| October | 8.1 | 15.7 | 8.9 | 73.8 | 26.2 |
| November | 2.6 | -11.5 | 1.1 | -19.2 | -6.4 |
| December | -12.6 | -0.3 | -11.4 | -11.5 | -11.4 |
| 1998 |  |  |  |  |  |
| J anuary | -9.5 | -14.9 | -10.1 | -18.0 | -12.6 |
| February | 13.5 | 19.6 | 14.1 | 19.9 | 15.8 |
| March | 24.5 | -1.7 | 21.7 | -9.7 | 12.0 |
| April | -5.5 | -23.1 | -7.0 | -32.3 | -13.3 |
| May | 19.8 | 34.1 | 20.8 | 150.9 | 46.0 |
| June | 3.2 | -17.3 | 1.6 | -32.9 | -9.9 |

SEASONALLY ADJUSTED (\% change from preceding month)

| 1997 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 5.1 | -15.2 | 2.8 | n.a. | -8.7 |
| May | -1.8 | 11.3 | -0.6 | n.a. | 17.8 |
| June | -9.3 | 0.5 | -8.3 | n.a. | -20.2 |
| July | 12.7 | -4.4 | 10.7 | n.a. | 24.4 |
| August | -8.4 | 3.7 | -7.2 | n.a. | -16.8 |
| September | 4.7 | -6.8 | 3.5 | n.a. | -4.1 |
| October | 1.8 | 6.5 | 2.3 | n.a. | 17.1 |
| November | 16.4 | -3.5 | 14.3 | n.a. | -6.1 |
| December | -16.0 | 3.9 | -14.3 | n.a. | 4.4 |
| 1998 |  |  |  |  |  |
| J anuary | 3.1 | -0.5 | 2.7 | n.a. | -2.5 |
| February | 6.1 | 3.4 | 5.9 | n.a. | -2.1 |
| March | 5.4 | -14.0 | 3.5 | n.a. | 0.1 |
| April | 7.9 | -1.6 | 7.1 | n.a. | -2.1 |
| May | 2.5 | 26.1 | 4.3 | n.a. | 20.1 |
| June | 8.3 | -12.8 | 6.3 | n.a. | 5.8 |

## TREND ESTIMATES (\% change from preceding month)

| 1997 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| April | 2.1 | 1.5 | 2.0 | -2.2 | 0.4 |
| May | 1.2 | 1.1 | 1.2 | -1.7 | 0.1 |
| June | 0.7 | 0.7 | 0.7 | -3.4 | -0.8 |
| July | 0.6 | 0.1 | 0.6 | -5.4 | -1.6 |
| August | 0.7 | -0.6 | 0.6 | -4.0 | -1.0 |
| September | 1.1 | -0.4 | 0.9 | -2.9 | -0.4 |
| October | 1.4 | 0.5 | 1.3 | -1.6 | 0.4 |
| November | 1.2 | 0.0 | 1.1 | -1.2 | 0.4 |
| December | 1.1 | -0.2 | 0.9 | -2.0 | 0.0 |
| 1998 |  |  |  |  |  |
| January | 1.8 | -0.6 | 1.6 | -3.5 | 0.0 |
| February | 3.1 | -0.7 | 2.8 | -3.7 | 0.8 |
| March | 4.3 | -0.5 | 3.8 | -2.9 | 1.9 |
| April | 4.9 | -0.1 | 4.5 | 0.3 | 3.3 |
| May | 4.6 | 0.4 | 4.2 | 3.5 | 4.0 |
| June | 4.7 | 0.4 | 4.4 | 2.2 | 3.8 |

(a) Refer to Explanatory Notes paragraph 12.

|  |  |  | Alterations |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New | New other residential | and additions to residential |  | Nonresidential | Total dwelling |
| Period | houses | building | buildings | Conversion(a) | building(a) | units |

## PRIVATE SECTOR (Number)

| 1995-96 | 11946 | 2900 | (b) 65 | (b) 0 | 50 | 14961 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 13067 | 1682 | 56 | 3 | 32 | 14840 |
| 1997-98 | 14960 | 2026 | 45 | 21 | 40 | 17092 |
| 1997 |  |  |  |  |  |  |
| June | 1106 | 87 | 0 | 0 | 0 | 1193 |
| July | 1149 | 182 | 3 | 1 | 21 | 1356 |
| August | 1175 | 120 | 9 | 1 | 6 | 1311 |
| September | 1186 | 81 | 4 | 13 | 0 | 1284 |
| October | 1304 | 145 | 2 | 0 | 0 | 1451 |
| November | 1308 | 163 | 1 | 1 | 0 | 1473 |
| December | 1167 | 80 | 18 | 0 | 9 | 1274 |
| 1998 |  |  |  |  |  |  |
| J anuary | 953 | 162 | 0 | 0 | 1 | 1116 |
| February | 1123 | 237 | 1 | 0 | 0 | 1361 |
| March | 1330 | 248 | 3 | 0 | 1 | 1582 |
| April | 1295 | 140 | 1 | 1 | 2 | 1439 |
| May | 1480 | 260 | 1 | 1 | 0 | 1742 |
| June | 1490 | 208 | 2 | 3 | 0 | 1703 |

PUBLIC SECTOR (Number)

| 1995-96 | 266 | 627 | (b) 0 | (b) 0 | 0 | 893 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 565 | 331 | 6 | 0 | 0 | 902 |
| 1997-98 | 868 | 500 | 0 | 0 | 0 | 1368 |
| 1997 |  |  |  |  |  |  |
| June | 45 | 16 | 0 | 0 | 0 | 61 |
| July | 134 | 41 | 0 | 0 | 0 | 175 |
| August | 50 | 12 | 0 | 0 | 0 | 62 |
| September | 30 | 14 | 0 | 0 | 0 | 44 |
| October | 19 | 38 | 0 | 0 | 0 | 57 |
| November | 47 | 21 | 0 | 0 | 0 | 68 |
| December | 47 | 91 | 0 | 0 | 0 | 138 |
| 1998 |  |  |  |  |  |  |
| J anuary | 23 | 16 | 0 | 0 | 0 | 39 |
| February | 39 | 41 | 0 | 0 | 0 | 80 |
| March | 33 | 132 | 0 | 0 | 0 | 165 |
| April | 81 | 56 | 0 | 0 | 0 | 137 |
| May | 24 | 28 | 0 | 0 | 0 | 52 |
| J une | 341 | 10 | 0 | 0 | 0 | 351 |

TOTAL (Number)

| 1995-96 | 12212 | 3527 | (b) 65 | (b) 0 | 50 | 15854 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 13632 | 2013 | 62 | 3 | 32 | 15742 |
| 1997-98 | 15828 | 2526 | 45 | 21 | 40 | 18460 |
| 1997 |  |  |  |  |  |  |
| June | 1151 | 103 | 0 | 0 | 0 | 1254 |
| July | 1283 | 223 | 3 | 1 | 21 | 1531 |
| August | 1225 | 132 | 9 | 1 | 6 | 1373 |
| September | 1216 | 95 | 4 | 13 | 0 | 1328 |
| October | 1323 | 183 | 2 | 0 | 0 | 1508 |
| November | 1355 | 184 | 1 | 1 | 0 | 1541 |
| December | 1214 | 171 | 18 | 0 | 9 | 1412 |
| 1998 |  |  |  |  |  |  |
| J anuary | 976 | 178 | 0 | 0 | 1 | 1155 |
| February | 1162 | 278 | 1 | 0 | 0 | 1441 |
| March | 1363 | 380 | 3 | 0 | 1 | 1747 |
| April | 1376 | 196 | 1 | 1 | 2 | 1576 |
| May | 1504 | 288 | 1 | 1 | 0 | 1794 |
| June | 1831 | 218 | 2 | 3 | 0 | 2054 |

(a) See Glossary for definition.
(b) Conversions are included in alterations and additions to residential buildings


| 1995-96 | 1123.8 | 225.5 | (b) 3.4 | 158.9 | (b) 0.0 | 1511.8 | 692.1 | 2203.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 1294.1 | 154.0 | 4.8 | 163.9 | 0.1 | 1616.6 | 773.9 | 2390.9 |
| 1997-98 | 1561.5 | 189.6 | 2.4 | 182.5 | 0.9 | 1936.9 | 706.7 | 2643.5 |
| 1997 |  |  |  |  |  |  |  |  |
| June | 116.8 | 8.4 | 0.0 | 13.4 | 0.0 | 138.6 | 46.3 | 184.9 |
| July | 118.2 | 14.7 | 0.2 | 15.7 | 0.1 | 149.0 | 71.2 | 220.2 |
| August | 119.6 | 9.0 | 0.6 | 15.1 | 0.0 | 144.3 | 51.8 | 196.2 |
| September | 126.1 | 8.3 | 0.1 | 15.3 | 0.3 | 150.1 | 54.3 | 204.4 |
| October | 134.4 | 12.2 | 0.2 | 18.0 | 0.0 | 164.9 | 64.6 | 229.5 |
| November | 138.4 | 11.2 | 0.1 | 16.1 | 0.0 | 165.8 | 70.5 | 236.3 |
| December | 119.2 | 6.9 | 0.6 | 15.5 | 0.0 | 142.2 | 57.3 | 199.4 |
| 1998 |  |  |  |  |  |  |  |  |
| J anuary | 103.7 | 16.2 | 0.0 | 13.8 | 0.0 | 133.6 | 46.3 | 179.9 |
| February | 116.8 | 15.8 | 0.1 | 16.3 | 0.0 | 148.9 | 59.8 | 208.7 |
| March | 140.4 | 22.0 | 0.1 | 15.9 | 0.0 | 178.5 | 60.2 | 238.7 |
| April | 137.1 | 15.1 | 0.1 | 12.1 | 0.0 | 164.3 | 33.7 | 198.0 |
| May | 149.6 | 41.0 | 0.0 | 15.7 | 0.0 | 206.4 | 74.6 | 281.0 |
| June | 158.0 | 17.2 | 0.3 | 13.0 | 0.5 | 188.9 | 62.4 | 251.2 |


| 1995-96 | 24.6 | 46.7 | (b) 0.0 | 0.5 | (b) 0.0 | 72.0 | 111.0 | 183.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 54.9 | 21.7 | 0.0 | 4.0 | 0.0 | 80.5 | 430.0 | 510.7 |
| 1997-98 | 72.9 | 32.5 | 0.0 | 1.7 | 0.0 | 107.4 | 193.3 | 300.3 |
| 1997 |  |  |  |  |  |  |  |  |
| J une | 3.8 | 1.2 | 0.0 | 0.7 | 0.0 | 5.7 | 7.7 | 13.4 |
| July | 11.6 | 2.7 | 0.0 | 0.0 | 0.0 | 14.3 | 34.0 | 48.3 |
| August | 5.4 | 0.9 | 0.0 | 0.0 | 0.0 | 6.4 | 29.6 | 35.9 |
| September | 2.9 | 2.1 | 0.0 | 0.1 | 0.0 | 5.1 | 2.3 | 7.3 |
| October | 2.1 | 2.0 | 0.0 | 0.0 | 0.0 | 4.1 | 33.7 | 37.8 |
| November | 3.8 | 1.2 | 0.0 | 0.0 | 0.0 | 5.0 | 8.9 | 13.9 |
| December | 4.3 | 4.8 | 0.0 | 0.1 | 0.0 | 9.2 | 13.0 | 22.1 |
| 1998 |  |  |  |  |  |  |  |  |
| J anuary | 1.5 | 1.0 | 0.0 | 0.0 | 0.0 | 2.5 | 11.3 | 13.8 |
| February | 3.4 | 2.8 | 0.0 | 0.1 | 0.0 | 6.4 | 9.3 | 15.7 |
| March | 3.3 | 7.1 | 0.0 | 0.1 | 0.0 | 10.5 | 2.3 | 12.8 |
| April | 7.0 | 4.1 | 0.0 | 0.3 | 0.0 | 11.4 | 8.6 | 20.0 |
| May | 2.3 | 2.6 | 0.0 | 0.9 | 0.0 | 5.8 | 31.5 | 37.3 |
| June | 25.3 | 1.2 | 0.0 | 0.1 | 0.0 | 26.7 | 8.8 | 35.4 |

TOTAL (\$ million)

| 1995-96 | 1148.3 | 272.4 | (b) 3.4 | 159.3 | (b) 0.0 | 1583.6 | 803.1 | 2386.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 1348.9 | 175.8 | 4.9 | 167.7 | 0.1 | 1697.3 | 1204.5 | 2901.8 |
| 1997-98 | 1634.2 | 222.0 | 2.4 | 184.3 | 0.9 | 2043.9 | 899.8 | 2943.8 |
| 1997 |  |  |  |  |  |  |  |  |
| June | 120.6 | 9.6 | 0.0 | 14.1 | 0.0 | 144.3 | 54.1 | 198.4 |
| July | 129.8 | 17.4 | 0.2 | 15.7 | 0.1 | 163.2 | 105.3 | 268.5 |
| August | 125.1 | 10.0 | 0.6 | 15.1 | 0.0 | 150.7 | 81.4 | 232.1 |
| September | 129.0 | 10.3 | 0.1 | 15.4 | 0.3 | 155.1 | 56.5 | 211.7 |
| October | 136.4 | 14.2 | 0.2 | 18.1 | 0.0 | 169.0 | 98.3 | 267.2 |
| November | 142.2 | 12.4 | 0.1 | 16.1 | 0.0 | 170.8 | 79.4 | 250.2 |
| December | 123.4 | 11.7 | 0.6 | 15.6 | 0.0 | 151.3 | 70.3 | 221.6 |
| 1998 |  |  |  |  |  |  |  |  |
| J anuary | 105.1 | 17.2 | 0.0 | 13.8 | 0.0 | 136.1 | 57.6 | 193.7 |
| February | 120.2 | 18.6 | 0.1 | 16.4 | 0.0 | 155.3 | 69.1 | 224.4 |
| March | 143.7 | 29.1 | 0.1 | 16.1 | 0.0 | 189.0 | 62.4 | 251.4 |
| April | 144.1 | 19.1 | 0.1 | 12.3 | 0.0 | 175.7 | 42.3 | 218.0 |
| May | 151.9 | 43.6 | 0.0 | 16.6 | 0.0 | 212.2 | 106.1 | 318.3 |
| June | 183.3 | 18.4 | 0.3 | 13.1 | 0.5 | 215.5 | 71.1 | 286.7 |

(a) See Glossary for definition.
(b) Conversions are included in alterations and additons creating dwellings

NEW OTHER RESIDENTIAL BUILDING $\qquad$
New
houses


NUMBER OF DWELLINGS

| 1995-96 | 12212 | 2932 | 354 | 3286 | 6 | 83 | 152 | 241 | 3527 | 15739 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 13632 | 1179 | 376 | 1555 | 75 | 194 | 189 | 458 | 2013 | 15645 |
| 1997-98 | 15828 | 1672 | 324 | 1996 | 166 | 95 | 269 | 530 | 2526 | 18354 |
| 1997 |  |  |  |  |  |  |  |  |  |  |
| April | 1456 | 80 | 20 | 100 | 50 | 13 | 0 | 63 | 163 | 1619 |
| May | 1376 | 165 | 5 | 170 | 0 | 25 | 0 | 25 | 195 | 1571 |
| June | 1151 | 74 | 7 | 81 | 19 | 3 | 0 | 22 | 103 | 1254 |
| July | 1283 | 192 | 4 | 196 | 19 | 8 | 0 | 27 | 223 | 1506 |
| August | 1225 | 106 | 26 | 132 | 0 | 0 | 0 | 0 | 132 | 1357 |
| September | 1216 | 81 | 8 | 89 | 0 | 0 | 6 | 6 | 95 | 1311 |
| October | 1323 | 161 | 14 | 175 | 0 | 0 | 8 | 8 | 183 | 1506 |
| November | 1355 | 162 | 13 | 175 | 3 | 0 | 6 | 9 | 184 | 1539 |
| December | 1214 | 135 | 13 | 148 | 4 | 19 | 0 | 23 | 171 | 1385 |
| 1998 |  |  |  |  |  |  |  |  |  |  |
| J anuary | 976 | 83 | 30 | 113 | 20 | 6 | 39 | 65 | 178 | 1154 |
| February | 1162 | 178 | 59 | 237 | 0 | 19 | 22 | 41 | 278 | 1440 |
| March | 1363 | 235 | 17 | 252 | 56 | 22 | 50 | 128 | 380 | 1743 |
| April | 1376 | 135 | 44 | 179 | 6 | 5 | 6 | 17 | 196 | 1572 |
| May | 1504 | 96 | 33 | 129 | 25 | 16 | 118 | 159 | 288 | 1792 |
| June | 1831 | 108 | 63 | 171 | 33 | 0 | 14 | 47 | 218 | 2049 |

VALUE (\$ million)

| 1995-96 | 1148.3 | 207.1 | 33.8 | 240.9 | 0.3 | 10.7 | 20.4 | 31.4 | 272.3 | 1420.7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 1349.0 | 86.5 | 31.9 | 118.4 | 7.5 | 17.9 | 31.9 | 57.3 | 175.7 | 1524.6 |
| 1997-98 | 1634.3 | 117.3 | 31.4 | 148.7 | 13.5 | 10.7 | 49.2 | 73.4 | 222.1 | 1856.4 |
| 1997 |  |  |  |  |  |  |  |  |  |  |
| April | 143.8 | 5.4 | 2.0 | 7.4 | 5.2 | 2.8 | 0.0 | 8.0 | 15.4 | 159.2 |
| May | 140.5 | 13.5 | 0.4 | 14.0 | 0.0 | 2.8 | 0.0 | 2.8 | 16.8 | 157.3 |
| June | 120.6 | 6.9 | 0.9 | 7.8 | 1.6 | 0.2 | 0.0 | 1.8 | 9.6 | 130.2 |
| July | 129.8 | 14.6 | 0.5 | 15.1 | 1.5 | 0.8 | 0.0 | 2.3 | 17.4 | 147.2 |
| August | 125.1 | 7.6 | 2.4 | 10.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10.0 | 135.0 |
| September | 129.0 | 7.5 | 0.9 | 8.3 | 0.0 | 0.0 | 2.0 | 2.0 | 10.3 | 139.3 |
| October | 136.4 | 10.5 | 1.6 | 12.1 | 0.0 | 0.0 | 2.1 | 2.1 | 14.2 | 150.6 |
| November | 142.2 | 9.8 | 1.7 | 11.5 | 0.3 | 0.0 | 0.7 | 1.0 | 12.4 | 154.6 |
| December | 123.4 | 8.5 | 1.4 | 9.9 | 0.4 | 1.4 | 0.0 | 1.8 | 11.7 | 135.2 |
| 1998 |  |  |  |  |  |  |  |  |  |  |
| J anuary | 105.1 | 6.9 | 3.3 | 10.2 | 1.8 | 0.4 | 4.8 | 7.0 | 17.2 | 122.3 |
| February | 120.2 | 10.6 | 4.8 | 15.4 | 0.0 | 0.5 | 2.7 | 3.2 | 18.6 | 138.8 |
| March | 143.7 | 14.9 | 1.7 | 16.5 | 5.0 | 2.8 | 4.8 | 12.6 | 29.1 | 172.8 |
| April | 144.1 | 10.7 | 4.7 | 15.4 | 0.4 | 0.8 | 2.6 | 3.8 | 19.1 | 163.3 |
| May | 151.9 | 6.9 | 3.8 | 10.7 | 2.1 | 4.1 | 26.7 | 32.9 | 43.6 | 195.5 |
| June | 183.3 | 8.8 | 4.8 | 13.6 | 2.0 | 0.0 | 2.8 | 4.8 | 18.4 | 201.7 |

(a) See Glossary for definition


ORIGINAL (\$ million)

| 1994-95 | 1391.6 | 407.6 | 1799.2 | 160.4 | 1959.6 | 701.2 | 2660.8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1995-96 | 1155.8 | 259.2 | 1414.9 | 163.9 | 1578.9 | 759.0 | 2337.9 |
| 1996-97 | 1359.1 | 164.5 | 1523.6 | 174.0 | 1697.6 | 1119.6 | 2817.1 |
| 1996 |  |  |  |  |  |  |  |
| December | 327.9 | 46.2 | 374.1 | 42.7 | 416.8 | 328.4 | 745.2 |
| 1997 |  |  |  |  |  |  |  |
| March | 294.4 | 50.3 | 344.7 | 42.4 | 387.1 | 254.7 | 641.8 |
| June | 408.6 | 38.8 | 447.4 | 46.4 | 493.8 | 257.5 | 751.3 |
| September | 387.4 | 34.9 | 422.2 | 48.0 | 470.2 | 222.9 | 693.1 |
| December | 405.3 | 35.3 | 440.6 | 51.1 | 491.7 | 225.9 | 717.6 |
| 1998 |  |  |  |  |  |  |  |
| March | 372.1 | 59.4 | 431.5 | 46.7 | 478.2 | 171.3 | 649.5 |

ORIGINAL (\% change from preceding quarter)

| 1996 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| December | -0.1 | 58.4 | 4.7 | 0.6 | 4.2 | 17.6 | 9.8 |
| 1997 |  |  |  |  |  |  |  |
| March | -10.2 | 8.8 | -7.9 | -0.7 | -7.1 | -22.4 | -13.9 |
| June | 38.8 | -22.8 | 29.8 | 9.4 | 27.6 | 1.1 | 17.1 |
| September | -5.2 | -10.2 | -5.6 | 3.4 | -4.8 | -13.4 | -7.7 |
| December | 4.6 | 1.3 | 4.4 | 6.6 | 4.6 | 1.3 | 3.5 |
| 1998 |  |  |  |  |  |  |  |
| March | -8.2 | 68.3 | -2.1 | -8.6 | -2.7 | -24.2 | -9.5 |

(a) Refer to Explanatory Notes paragraph 12

|  | 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 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |
| April | 8 | 0.7 | 22 | 2.1 | 12 | 1.4 | 15 | 1.3 | 20 | 2.1 | 3 | 0.3 |
| May | 3 | 0.2 | 23 | 1.9 | 12 | 1.2 | 17 | 1.4 | 31 | 3.0 | 1 | 0.1 |
| June | 4 | 0.4 | 21 | 1.9 | 13 | 1.4 | 20 | 2.2 | 16 | 2.0 | 2 | 0.2 |
| Value-\$200,000-\$499,999 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |
| April | 13 | 3.4 | 5 | 1.5 | 9 | 2.4 | 3 | 0.7 | 7 | 2.2 | 1 | 0.3 |
| May | 0 | 0.0 | 17 | 5.2 | 6 | 1.5 | 7 | 2.4 | 13 | 3.6 | 1 | 0.3 |
| June | 0 | 0.0 | 6 | 1.7 | 10 | 3.2 | 3 | 0.9 | 8 | 2.1 | 4 | 1.3 |
| Value-\$500,000-\$999,999 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |
| April | 0 | 0.0 | 1 | 0.8 | 3 | 2.1 | 1 | 0.5 | 4 | 2.3 | 1 | 0.5 |
| May | 0 | 0.0 | 4 | 2.7 | 3 | 1.8 | 1 | 1.0 | 3 | 2.0 | 1 | 0.5 |
| June | 3 | 1.9 | 5 | 3.0 | 4 | 2.5 | 0 | 0.0 | 3 | 2.1 | 0 | 0.0 |
| Value-\$1,000,000-\$4,999,999 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |
| April | 0 | 0.0 | 1 | 3.1 | 0 | 0.0 | 1 | 1.6 | 2 | 3.0 | 0 | 0.0 |
| May | 1 | 3.9 | 1 | 1.3 | 0 | 0.0 | 2 | 3.4 | 2 | 3.1 | 1 | 3.9 |
| June | 0 | 0.0 | 5 | 11.5 | 0 | 0.0 | 3 | 4.4 | 0 | 0.0 | 1 | 3.9 |
| Value-\$5,000,000 and over |  |  |  |  |  |  |  |  |  |  |  |  |
| 1998 (0.0 |  |  |  |  |  |  |  |  |  |  |  |  |
| April | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 5.6 |
| May | 0 | 0.0 | 2 | 26.3 | 0 | 0.0 | 0 | 0.0 | 1 | 5.1 | 2 | 12.9 |
| June | 0 | 0.0 | 1 | 6.3 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| Value-Total |  |  |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 118 | 113.3 | 304 | 119.0 | 285 | 80.4 | 277 | 106.5 | 340 | 112.0 | 109 | 80.4 |
| 1996-97 | 91 | 75.4 | 408 | 164.2 | 319 | 102.6 | 314 | 156.4 | 402 | 160.4 | 120 | 152.0 |
| 1997-98 | 99 | 53.1 | 445 | 186.0 | 287 | 88.4 | 283 | 123.5 | 398 | 150.0 | 128 | 114.7 |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |  |
| April | 21 | 4.1 | 29 | 7.4 | 24 | 5.8 | 20 | 4.2 | 33 | 9.6 | 6 | 6.7 |
| May | 4 | 4.1 | 47 | 37.3 | 21 | 4.6 | 27 | 8.2 | 50 | 16.7 | 6 | 17.7 |
| June | 7 | 2.3 | 38 | 24.4 | 27 | 7.0 | 26 | 7.5 | 27 | 6.3 | 7 | 5.4 |


|  | Religious............. |  | Health................ |  | Entertainment and recreational |  | Miscellaneous............ |  | Total non-residential building. $\qquad$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | no. | \$m | no. | \$m | no. | \$m | no. | \$m | no. | \$m |
|  | Value-\$50,000-\$199,999 |  |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |
| April | 0 | 0.0 | 0 | 0.0 | 2 | 0.2 | 2 | 0.2 | 84 | 8.3 |
| May | 0 | 0.0 | 3 | 0.3 | 3 | 0.3 | 10 | 0.7 | 103 | 9.1 |
| June | 4 | 0.3 | 3 | 0.2 | 2 | 0.1 | 3 | 0.3 | 88 | 9.1 |
| Value-\$200,000-\$499,999 |  |  |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |
| April | 0 | 0.0 | 0 | 0.0 | 3 | 1.0 | 2 | 0.4 | 43 | 12.0 |
| May | 0 | 0.0 | 0 | 0.0 | 3 | 0.7 | 3 | 0.9 | 50 | 14.6 |
| June | 0 | 0.0 | 2 | 0.7 | 2 | 0.6 | 1 | 0.2 | 36 | 10.7 |
| Value-\$500,000-\$999,999 |  |  |  |  |  |  |  |  |  |  |
| 1998 (0.0 |  |  |  |  |  |  |  |  |  |  |
| April | 0 | 0.0 | 1 | 0.7 | 1 | 0.8 | 0 | 0.0 | 12 | 7.7 |
| May | 0 | 0.0 | 0 | 0.0 | 1 | 1.0 | 0 | 0.0 | 13 | 8.9 |
| June | 1 | 0.6 | 0 | 0.0 | 1 | 0.8 | 0 | 0.0 | 17 | 10.8 |
| Value-\$1,000,000-\$4,999,999 |  |  |  |  |  |  |  |  |  |  |
| 1998 (0) |  |  |  |  |  |  |  |  |  |  |
| April | 0 | 0.0 | 1 | 1.0 | 0 | 0.0 | 0 | 0.0 | 5 | 8.7 |
| May | 0 | 0.0 | 0 | 0.0 | 1 | 1.4 | 0 | 0.0 | 8 | 17.0 |
| June | 0 | 0.0 | 0 | 0.0 | 2 | 5.7 | 1 | 1.0 | 12 | 26.5 |
| Value-\$5,000,000 and over |  |  |  |  |  |  |  |  |  |  |
| 1998 |  |  |  |  |  |  |  |  |  |  |
| April | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 5.6 |
| May | 0 | 0.0 | 0 | 0.0 | 1 | 12.3 | 0 | 0.0 | 6 | 56.5 |
| June | 0 | 0.0 | 1 | 7.7 | 0 | 0.0 | 0 | 0.0 | 2 | 13.9 |
| Value-Total |  |  |  |  |  |  |  |  |  |  |
| 1995-96 | 23 | 4.4 | 50 | 32.8 | 79 | 48.0 | 253 | 106.2 | 1838 | 803.1 |
| 1996-97 | 20 | 5.4 | 69 | 214.5 | 98 | 92.2 | 117 | 81.3 | 1958 | 1204.4 |
| 1997-98 | 27 | 8.7 | 56 | 72.5 | 86 | 65.3 | 92 | 37.6 | 1901 | 899.8 |
| 1998 |  |  |  |  |  |  |  |  |  |  |
| April | 0 | 0.0 | 2 | 1.7 | 6 | 2.0 | 4 | 0.6 | 145 | 42.3 |
| May | 0 | 0.0 | 3 | 0.3 | 9 | 15.7 | 13 | 1.5 | 180 | 106.1 |
| June | 5 | 1.0 | 6 | 8.5 | 7 | 7.2 | 5 | 1.5 | 155 | 71.1 |



| 1995-96 | 113.1 | 117.6 | 79.5 | 72.8 | 107.9 | 43.5 | 4.5 | 31.8 | 34.1 | 87.4 | 692.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 75.5 | 162.8 | 96.2 | 117.2 | 113.7 | 38.8 | 5.3 | 96.1 | 36.6 | 32.5 | 773.9 |
| 1997-98 | 51.7 | 185.4 | 86.4 | 81.6 | 142.0 | 32.0 | 8.7 | 58.4 | 39.4 | 21.1 | 706.7 |
| 1997 |  |  |  |  |  |  |  |  |  |  |  |
| June | 5.6 | 7.5 | 8.7 | 2.0 | 11.5 | 4.0 | 0.3 | 3.8 | 2.0 | 1.0 | 46.3 |
| July | 6.4 | 23.8 | 9.7 | 5.3 | 8.9 | 2.9 | 0.8 | 4.1 | 2.8 | 6.5 | 71.2 |
| August | 6.8 | 9.2 | 7.1 | 9.0 | 11.6 | 1.7 | 0.8 | 4.0 | 0.8 | 0.8 | 51.8 |
| September | 2.3 | 11.3 | 6.1 | 4.7 | 13.4 | 3.5 | 0.5 | 8.4 | 2.2 | 2.0 | 54.3 |
| October | 4.1 | 12.5 | 5.2 | 10.6 | 13.7 | 9.0 | 0.2 | 1.7 | 7.1 | 0.4 | 64.6 |
| November | 2.4 | 11.7 | 6.3 | 10.5 | 13.8 | 3.8 | 3.5 | 7.0 | 9.5 | 1.9 | 70.5 |
| December | 2.4 | 15.2 | 10.4 | 9.6 | 10.7 | 3.0 | 0.4 | 0.9 | 0.1 | 4.6 | 57.3 |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |
| J anuary | 2.2 | 5.9 | 5.3 | 8.1 | 11.9 | 1.9 | 0.2 | 8.2 | 1.9 | 0.8 | 46.3 |
| February | 7.0 | 8.0 | 10.1 | 4.5 | 9.0 | 2.5 | 1.0 | 12.7 | 4.5 | 0.6 | 59.8 |
| March | 7.6 | 18.8 | 9.0 | 2.2 | 16.5 | 1.0 | 0.3 | 0.9 | 3.3 | 0.7 | 60.2 |
| April | 4.1 | 7.4 | 5.8 | 3.1 | 9.5 | 1.1 | 0.0 | 1.7 | 0.5 | 0.4 | 33.7 |
| May | 4.1 | 37.3 | 4.6 | 6.9 | 16.7 | 0.8 | 0.0 | 0.3 | 3.0 | 0.9 | 74.6 |
| J une | 2.3 | 24.3 | 6.8 | 7.1 | 6.3 | 0.8 | 1.0 | 8.5 | 3.7 | 1.5 | 62.4 |


| 1995-96 | 0.0 | 1.6 | 0.8 | 33.7 | 4.1 | 37.0 | 0.0 | 1.2 | 14.0 | 18.8 | 111.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 0.0 | 1.6 | 6.5 | 39.2 | 46.8 | 113.1 | 0.2 | 118.4 | 55.7 | 48.7 | 430.0 |
| 1997-98 | 1.4 | 0.7 | 2.1 | 41.7 | 8.0 | 82.7 | 0.0 | 14.1 | 25.9 | 16.7 | 193.3 |
| 1997 |  |  |  |  |  |  |  |  |  |  |  |
| J une | 0.0 | 0.1 | 0.0 | 0.1 | 1.2 | 0.0 | 0.0 | 0.0 | 4.2 | 2.2 | 7.7 |
| July | 0.0 | 0.0 | 1.5 | 25.3 | 0.4 | 6.0 | 0.0 | 0.0 | 0.0 | 1.0 | 34.0 |
| August | 0.6 | 0.1 | 0.0 | 2.3 | 2.3 | 9.7 | 0.0 | 7.9 | 1.9 | 4.8 | 29.6 |
| September | 0.0 | 0.3 | 0.0 | 0.5 | 0.3 | 1.0 | 0.0 | 0.0 | 0.1 | 0.1 | 2.3 |
| October | 0.1 | 0.0 | 0.0 | 3.6 | 0.3 | 16.2 | 0.0 | 6.2 | 2.5 | 4.7 | 33.7 |
| November | 0.0 | 0.0 | 0.5 | 0.1 | 0.7 | 7.4 | 0.0 | 0.0 | 0.1 | 0.0 | 8.9 |
| December | 0.0 | 0.0 | 0.0 | 2.2 | 0.5 | 9.5 | 0.0 | 0.0 | 0.4 | 0.3 | 13.0 |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |
| J anuary | 0.0 | 0.2 | 0.0 | 4.6 | 0.1 | 5.8 | 0.0 | 0.0 | 0.7 | 0.1 | 11.3 |
| February | 0.7 | 0.0 | 0.0 | 0.4 | 3.2 | 0.0 | 0.0 | 0.0 | 1.1 | 3.9 | 9.3 |
| March | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 1.3 | 0.9 | 2.3 |
| April | 0.0 | 0.0 | 0.0 | 1.1 | 0.1 | 5.7 | 0.0 | 0.0 | 1.5 | 0.2 | 8.6 |
| May | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 16.8 | 0.0 | 0.0 | 12.8 | 0.7 | 31.5 |
| June | 0.0 | 0.1 | 0.1 | 0.4 | 0.0 | 4.6 | 0.0 | 0.0 | 3.5 | 0.0 | 8.8 |


| 1995-96 | 113.1 | 119.1 | 80.3 | 106.6 | 111.9 | 80.6 | 4.5 | 33.0 | 48.0 | 106.2 | 803.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996-97 | 75.5 | 164.3 | 102.8 | 156.4 | 160.3 | 151.9 | 5.5 | 214.5 | 92.3 | 81.3 | 1204.5 |
| 1997-98 | 53.1 | 186.0 | 88.6 | 123.5 | 149.9 | 114.6 | 8.7 | 72.5 | 65.1 | 37.6 | 899.8 |
| 1997 |  |  |  |  |  |  |  |  |  |  |  |
| June | 5.6 | 7.5 | 8.7 | 2.1 | 12.6 | 4.0 | 0.3 | 3.8 | 6.2 | 3.2 | 54.1 |
| July | 6.4 | 23.8 | 11.2 | 30.6 | 9.2 | 8.9 | 0.8 | 4.1 | 2.8 | 7.4 | 105.3 |
| August | 7.4 | 9.3 | 7.1 | 11.3 | 13.9 | 11.4 | 0.8 | 11.9 | 2.7 | 5.6 | 81.4 |
| September | 2.3 | 11.5 | 6.1 | 5.2 | 13.7 | 4.5 | 0.5 | 8.4 | 2.2 | 2.1 | 56.5 |
| October | 4.2 | 12.5 | 5.2 | 14.2 | 14.0 | 25.2 | 0.2 | 7.9 | 9.6 | 5.2 | 98.3 |
| November | 2.4 | 11.7 | 6.8 | 10.7 | 14.6 | 11.2 | 3.5 | 7.0 | 9.6 | 1.9 | 79.4 |
| December | 2.4 | 15.2 | 10.4 | 11.9 | 11.2 | 12.5 | 0.4 | 0.9 | 0.5 | 4.9 | 70.3 |
| 1998 |  |  |  |  |  |  |  |  |  |  |  |
| J anuary | 2.2 | 6.1 | 5.3 | 12.6 | 11.9 | 7.6 | 0.2 | 8.2 | 2.6 | 0.9 | 57.6 |
| February | 7.7 | 8.0 | 10.1 | 4.9 | 12.2 | 2.5 | 1.0 | 12.7 | 5.6 | 4.4 | 69.1 |
| March | 7.6 | 18.8 | 9.0 | 2.2 | 16.6 | 1.0 | 0.3 | 0.9 | 4.6 | 1.6 | 62.4 |
| April | 4.1 | 7.4 | 5.8 | 4.2 | 9.6 | 6.7 | 0.0 | 1.7 | 2.0 | 0.6 | 42.3 |
| May | 4.1 | 37.3 | 4.6 | 8.2 | 16.7 | 17.7 | 0.0 | 0.3 | 15.7 | 1.5 | 106.1 |
| June | 2.3 | 24.4 | 7.0 | 7.5 | 6.3 | 5.4 | 1.0 | 8.5 | 7.2 | 1.5 | 71.1 |

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|  |  |  |  |  | New | Alterations |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | New | New other residential | Total | New | other residential | and additions to residential | Total residential | Nonresidential | Total |
| Period | houses | building | dwellings(a) | houses | building | building (b) | building | building | building |

PRIVATE SECTOR

| 1996-97 | 9105 | 1434 | 10600 | 903128 | 136134 | 136874 | 1176136 | 542481 | 1718617 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997-98 | 10293 | 1546 | 11927 | 1074352 | 152837 | 150499 | 1377688 | 523117 | 1900805 |
| 1997 |  |  |  |  |  |  |  |  |  |
| June | 784 | 66 | 850 | 82538 | 6233 | 11102 | 99873 | 27160 | 127033 |
| July | 762 | 150 | 936 | 78321 | 11962 | 12575 | 102858 | 53935 | 156793 |
| August | 808 | 101 | 919 | 82342 | 7552 | 12423 | 102318 | 30522 | 132839 |
| September | 813 | 74 | 904 | 86839 | 7650 | 12679 | 107168 | 41839 | 149007 |
| October | 836 | 115 | 952 | 84583 | 10498 | 13688 | 108768 | 52176 | 160944 |
| November | 913 | 96 | 1011 | 94902 | 7767 | 12658 | 115328 | 56886 | 172214 |
| December | 824 | 63 | 912 | 84928 | 5078 | 12984 | 102990 | 40860 | 143849 |
| 1998 |  |  |  |  |  |  |  |  |  |
| J anuary | 668 | 124 | 792 | 72268 | 12145 | 12032 | 96446 | 37395 | 133841 |
| February | 783 | 175 | 959 | 81118 | 11730 | 13327 | 106175 | 36167 | 142341 |
| March | 961 | 201 | 1164 | 102167 | 18068 | 13626 | 133861 | 41693 | 175555 |
| April | 923 | 89 | 1013 | 97625 | 10201 | 10055 | 117881 | 20308 | 138189 |
| May | 928 | 215 | 1144 | 97741 | 37407 | 13236 | 148383 | 61123 | 209506 |
| June | 1074 | 143 | 1221 | 111520 | 12779 | 11216 | 135514 | 50214 | 185728 |


| 1996-97 | 261 | 192 | 459 | 20061 | 11100 | 2662 | 33823 | 237420 | 271243 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997-98 | 493 | 389 | 882 | 33838 | 22635 | 1383 | 57856 | 128996 | 186851 |
| 1997 |  |  |  |  |  |  |  |  |  |
| June | 23 | 0 | 23 | 1817 | 0 | 664 | 2481 | 1248 | 3729 |
| July | 51 | 24 | 75 | 4235 | 1360 | 0 | 5595 | 33602 | 39197 |
| August | 20 | 4 | 24 | 1852 | 300 | 0 | 2152 | 24674 | 26826 |
| September | 14 | 14 | 28 | 1075 | 2050 | 115 | 3240 | 385 | 3625 |
| October | 6 | 38 | 44 | 431 | 1985 | 0 | 2415 | 18761 | 21176 |
| November | 35 | 21 | 56 | 1998 | 1220 | 0 | 3218 | 4741 | 7959 |
| December | 22 | 76 | 98 | 1366 | 3828 | 70 | 5263 | 8075 | 13338 |
| 1998 |  |  |  |  |  |  |  |  |  |
| J anuary | 22 | 16 | 38 | 1354 | 1041 | 0 | 2395 | 10328 | 12723 |
| February | 30 | 17 | 47 | 2297 | 932 | 89 | 3317 | 5015 | 8333 |
| March | 17 | 130 | 147 | 1525 | 6826 | 0 | 8351 | 415 | 8766 |
| April | 48 | 43 | 91 | 2995 | 2794 | 131 | 5920 | 1221 | 7141 |
| May | 6 | 6 | 12 | 395 | 301 | 854 | 1550 | 13501 | 15050 |
| June | 222 | 0 | 222 | 14315 | 0 | 124 | 14439 | 8277 | 22716 |

TOTAL

| 1996-97 | 9366 | 1626 | 11059 | 923189 | 147234 | 139536 | 1209959 | 779900 | 1989860 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1997-98 | 10786 | 1935 | 12809 | 1108190 | 175472 | 151882 | 1435544 | 652112 | 2087656 |
| 1997 |  |  |  |  |  |  |  |  |  |
| June | 807 | 66 | 873 | 84355 | 6233 | 11766 | 102354 | 28408 | 130762 |
| July | 813 | 174 | 1011 | 82557 | 13322 | 12575 | 108453 | 87537 | 195990 |
| August | 828 | 105 | 943 | 84194 | 7852 | 12423 | 104469 | 55196 | 159665 |
| September | 827 | 88 | 932 | 87914 | 9700 | 12795 | 110409 | 42224 | 152632 |
| October | 842 | 153 | 996 | 85013 | 12482 | 13688 | 111183 | 70937 | 182121 |
| November | 948 | 117 | 1067 | 96900 | 8987 | 12658 | 118546 | 61627 | 180173 |
| December | 846 | 139 | 1010 | 86293 | 8906 | 13054 | 108253 | 48934 | 157187 |
| 1998 |  |  |  |  |  |  |  |  |  |
| J anuary | 690 | 140 | 830 | 73622 | 13186 | 12032 | 98840 | 47724 | 146564 |
| February | 813 | 192 | 1006 | 83415 | 12662 | 13416 | 109492 | 41182 | 150674 |
| March | 978 | 331 | 1311 | 103692 | 24894 | 13626 | 142213 | 42108 | 184321 |
| April | 971 | 132 | 1104 | 100620 | 12995 | 10186 | 123800 | 21529 | 145330 |
| May | 934 | 221 | 1156 | 98136 | 37708 | 14090 | 149933 | 74623 | 224556 |
| June | 1296 | 143 | 1443 | 125835 | 12779 | 11340 | 149953 | 58491 | 208444 |

(a) Refer to footnote (a) in Table 12.
(b) Refer to Explanatory Notes paragraph 12.
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|  |  |  |  |  |  | Alterations |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistical Area | New houses | New other residential building | Total dwellings(a) | New <br> houses | New other residential building | \& additions to residential buildings(b) | Total residential building | Nonresidential building | Total building |


| WESTERN AUSTRALIA | 1831 | 218 | 2054 | 183328 | 18407 | 13810 | 215546 | 71126 | 286672 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Perth (SD) | 1296 | 143 | 1443 | 125835 | 12779 | 11340 | 149953 | 58491 | 208444 |
| Central Metropolitan (SSD) | 75 | 24 | 99 | 9640 | 4192 | 2952 | 16785 | 14897 | 31682 |
| Cambridge (T) | 11 | 2 | 13 | 1726 | 345 | 454 | 2525 | 100 | 2625 |
| Claremont (T) | 4 | 0 | 4 | 505 | 0 | 307 | 812 | 130 | 942 |
| Cottesloe (T) | 5 | 0 | 5 | 1250 | 0 | 918 | 2168 | 70 | 2238 |
| Mosman Park (T) | 5 | 0 | 5 | 695 | 0 | 200 | 895 | 0 | 895 |
| Nedlands (C) | 3 | 2 | 5 | 461 | 458 | 471 | 1389 | 8050 | 9439 |
| Peppermint Grove (C) | 0 | 0 | 0 | 0 | 0 | 122 | 122 | 0 | 122 |
| Perth (C)- Inner | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2750 | 2750 |
| Perth (C) - Remainder | 22 | 14 | 36 | 1951 | 2800 | 0 | 4751 | 1110 | 5861 |
| Subiaco (C) | 9 | 4 | 13 | 1184 | 350 | 52 | 1585 | 100 | 1685 |
| Vincent (T) | 16 | 2 | 18 | 1869 | 240 | 429 | 2537 | 2587 | 5124 |
| East Metropolitan (SSD) | 208 | 0 | 208 | 18493 | 0 | 1481 | 19974 | 5113 | 25087 |
| Bassendean (T) | 24 | 0 | 24 | 1654 | 0 | 95 | 1749 | 0 | 1749 |
| Bayswater (C) | 17 | 0 | 17 | 1462 | 0 | 402 | 1864 | 570 | 2434 |
| Kalamunda (S) | 14 | 0 | 14 | 1474 | 0 | 298 | 1772 | 0 | 1772 |
| Mundaring (S) | 28 | 0 | 28 | 3318 | 0 | 406 | 3724 | 200 | 3924 |
| Swan (S) | 125 | 0 | 125 | 10584 | 0 | 280 | 10864 | 4343 | 15207 |
| North Metropolitan (SSD) | 361 | 102 | 464 | 35853 | 6963 | 2937 | 45753 | 9443 | 55196 |
| Stirling (C) - Central | 61 | 16 | 77 | 4901 | 1082 | 237 | 6220 | 1130 | 7350 |
| Stirling (C) - Coastal | 53 | 18 | 71 | 4687 | 1369 | 736 | 6793 | 160 | 6953 |
| Stirling (C) - South-Eastern | 14 | 38 | 52 | 1705 | 2438 | 472 | 4615 | 3277 | 7892 |
| Wanneroo (C) - Central Coastal | 42 | 5 | 47 | 4731 | 345 | 222 | 5299 | 800 | 6099 |
| Wanneroo (C) - North-East | 57 | 0 | 57 | 4620 | 0 | 224 | 4844 | 1000 | 5844 |
| Wanneroo (C) - North-West | 54 | 0 | 55 | 5467 | 0 | 288 | 5755 | 2228 | 7983 |
| Wanneroo (C) - South-East | 56 | 6 | 62 | 4741 | 568 | 40 | 5349 | 502 | 5851 |
| Wanneroo (C) - South-West | 24 | 19 | 43 | 5000 | 1160 | 717 | 6877 | 347 | 7223 |
| South West Metropolitan (SSD) | 307 | 5 | 314 | 29566 | 275 | 2206 | 32047 | 16393 | 48441 |
| Cockburn (C) | 130 | 0 | 130 | 10394 | 0 | 258 | 10652 | 2136 | 12788 |
| East Fremantle (T) | 1 | 0 | 1 | 180 | 0 | 340 | 520 | 0 | 520 |
| Fremantle (C) - Inner | 0 | 0 | 2 | 0 | 0 | 444 | 444 | 140 | 584 |
| Fremantle (C) - Remainder | 22 | 0 | 22 | 1845 | 0 | 176 | 2021 | 6480 | 8501 |
| Kwinana (T) | 10 | 0 | 10 | 644 | 0 | 0 | 644 | 418 | 1062 |
| Melville (C) | 60 | 5 | 65 | 8921 | 275 | 790 | 9986 | 369 | 10355 |
| Rockingham (C) | 84 | 0 | 84 | 7583 | 0 | 197 | 7780 | 6850 | 14630 |
| South East Metropolitan (SSD) | 345 | 12 | 358 | 32282 | 1348 | 1764 | 35394 | 12645 | 48039 |
| Armadale (C) | 14 | 0 | 14 | 1689 | 0 | 181 | 1870 | 320 | 2190 |
| Belmont (C) | 50 | 0 | 50 | 4915 | 0 | 136 | 5051 | 760 | 5811 |
| Canning (C) | 130 | 10 | 140 | 11082 | 998 | 402 | 12483 | 5689 | 18171 |
| Gosnells (C) | 91 | 0 | 91 | 8120 | 0 | 122 | 8242 | 1473 | 9715 |
| Serpentine-J arrahdale (S) | 15 | 0 | 15 | 1617 | 0 | 96 | 1713 | 340 | 2053 |
| South Perth (C) | 17 | 2 | 20 | 2121 | 350 | 521 | 2992 | 1585 | 4577 |
| Victoria Park (T) | 28 | 0 | 28 | 2738 | 0 | 305 | 3043 | 2479 | 5522 |
| South West (SD) | 248 | 53 | 301 | 24883 | 3468 | 1097 | 29448 | 7529 | 36976 |
| Dale (SSD) | 77 | 4 | 81 | 8387 | 218 | 296 | 8901 | 2140 | 11041 |
| Boddington (S) | 3 | 0 | 3 | 233 | 0 | 0 | 233 | 0 | 233 |
| Mandurah (C) | 58 | 4 | 62 | 6805 | 218 | 145 | 7168 | 1935 | 9103 |
| Murray (S) | 13 | 0 | 13 | 1083 | 0 | 139 | 1222 | 205 | 1427 |
| Waroona (S) | 3 | 0 | 3 | 266 | 0 | 12 | 278 | 0 | 278 |
| Preston (SSD) | 104 | 21 | 125 | 8842 | 1766 | 473 | 11081 | 4120 | 15200 |
| Bunbury (C) | 52 | 21 | 73 | 4173 | 1766 | 167 | 6106 | 3885 | 9990 |
| Capel (S) | 4 | 0 | 4 | 479 | 0 | 26 | 504 | 0 | 504 |
| Collie (S) | 8 | 0 | 8 | 634 | 0 | 93 | 727 | 0 | 727 |
| Dardanup (S) | 14 | 0 | 14 | 1171 | 0 | 165 | 1336 | 0 | 1336 |
| Donnybrook-Balingup (S) | 8 | 0 | 8 | 712 | 0 | 0 | 712 | 0 | 712 |
| Harvey (S) | 18 | 0 | 18 | 1674 | 0 | 22 | 1696 | 235 | 1931 |

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

| Statistical Area | New houses | New other residential building | Total dwellings(a) | New houses | New other residential building | Alterations \& additions to residential buildings(b) | Total residential building | Nonresidential buildings | Total building |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vasse (SSD) | 56 | 28 | 84 | 6504 | 1483 | 319 | 8306 | 1133 | 9439 |
| Augusta-Margaret River (S) | 20 | 28 | 48 | 2642 | 1483 | 78 | 4203 | 555 | 4758 |
| Busselton (S) | 36 | 0 | 36 | 3862 | 0 | 241 | 4102 | 578 | 4680 |
| Blackwood (SSD) | 11 | 0 | 11 | 1151 | 0 | 10 | 1161 | 136 | 1297 |
| Boyup Brook (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bridgetown-Greenbushes (S) | 3 | 0 | 3 | 346 | 0 | 0 | 346 | 0 | 346 |
| Manjimup (S) | 6 | 0 | 6 | 634 | 0 | 10 | 644 | 136 | 780 |
| Nannup (S) | 2 | 0 | 2 | 171 | 0 | 0 | 171 | 0 | 171 |
| Lower Great Southern (SD) | 52 | 0 | 52 | 5353 | 0 | 250 | 5603 | 528 | 6131 |
| Pallinup (SSD) | 4 | 0 | 4 | 340 | 0 | 0 | 340 | 305 | 645 |
| Broomehill (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gnowangerup (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jerramungup (S) | 1 | 0 | 1 | 61 | 0 | 0 | 61 | 0 | 61 |
| Katanning (S) | 3 | 0 | 3 | 279 | 0 | 0 | 279 | 305 | 584 |
| Kent (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kojonup (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tambellup (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Woodanilling (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| King (SSD) | 48 | 0 | 48 | 5013 | 0 | 250 | 5263 | 223 | 5486 |
| Albany (T) | 32 | 0 | 32 | 3450 | 0 | 51 | 3501 | 110 | 3611 |
| Albany (S) | 9 | 0 | 9 | 774 | 0 | 151 | 925 | 113 | 1038 |
| Cranbrook (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Denmark (S) | 6 | 0 | 6 | 673 | 0 | 48 | 721 | 0 | 721 |
| Plantagenent (S) | 1 | 0 | 1 | 116 | 0 | 0 | 116 | 0 | 116 |
| Upper Great Southern (SD) | 18 | 0 | 18 | 1584 | 0 | 40 | 1624 | 131 | 1755 |
| Hotham (SSD) | 12 | 0 | 12 | 1096 | 0 | 40 | 1136 | 0 | 1136 |
| Brookton (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuballing (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dumbleyung (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Narrogin (T) | 6 | 0 | 6 | 531 | 0 | 40 | 571 | 0 | 571 |
| Narrogin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pingelly (S) | 4 | 0 | 4 | 347 | 0 | 0 | 347 | 0 | 347 |
| Wagin (S) | 2 | 0 | 2 | 218 | 0 | 0 | 218 | 0 | 218 |
| Wandering (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Arthur (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wickepin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Williams (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lakes (SSD) | 6 | 0 | 6 | 488 | 0 | 0 | 488 | 131 | 619 |
| Corrigin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kondinin (S) | 6 | 0 | 6 | 488 | 0 | 0 | 488 | 0 | 488 |
| Kulin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lake Grace (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131 | 131 |
| Midlands (SD) | 49 | 4 | 53 | 4364 | 320 | 255 | 4939 | 592 | 5531 |
| Moore (SSD) | 20 | 0 | 20 | 1663 | 0 | 61 | 1724 | 132 | 1856 |
| Chittering (S) | 3 | 0 | 3 | 307 | 0 | 12 | 319 | 0 | 319 |
| Dandaragan (S) | 6 | 0 | 6 | 479 | 0 | 49 | 528 | 0 | 528 |
| Gingin (S) | 4 | 0 | 4 | 363 | 0 | 0 | 363 | 132 | 494 |
| Moora (S) | 7 | 0 | 7 | 515 | 0 | 0 | 515 | 0 | 515 |
| Victoria Plains (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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

| Statistical Area | New houses | New other residential building | Tota dwellings(a) | New houses | New other residential building | Alterations <br> \& additions <br> to residential <br> buildings(b) | Total residential building | Non- <br> residential <br> building | Total building |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Avon (SSD) | 17 | 4 | 21 | 1595 | 320 | 194 | 2109 | 272 | 2380 |
| Beverley (S) | 2 | 0 | 2 | 96 | 0 | 0 | 96 | 0 | 96 |
| Cunderdin (S) | 2 | 0 | 2 | 131 | 0 | 27 | 158 | 0 | 158 |
| Dalwallinu (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dowerin (S) | 1 | 0 | 1 | 150 | 0 | 0 | 150 | 0 | 150 |
| Goomalling (S) | 0 | 4 | 4 | 0 | 320 | 47 | 367 | 0 | 367 |
| Koorda (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Northam (T) | 1 | 0 | 1 | 72 | 0 | 0 | 72 | 0 | 72 |
| Northam (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Quairading (S) | 2 | 0 | 2 | 166 | 0 | 20 | 185 | 0 | 185 |
| Tammin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Toodyay (S) | 9 | 0 | 9 | 981 | 0 | 40 | 1021 | 0 | 1021 |
| Wongan-Ballidu (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyalkatchem (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| York (S) | 0 | 0 | 0 | 0 | 0 | 60 | 60 | 272 | 332 |
| Campion (SSD) | 12 | 0 | 12 | 1106 | 0 | 0 | 1106 | 188 | 1294 |
| Bruce Rock (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kellerberrin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Merredin (S) | 2 | 0 | 2 | 173 | 0 | 0 | 173 | 132 | 305 |
| Mount Marshall (S) | 3 | 0 | 3 | 353 | 0 | 0 | 353 | 56 | 410 |
| Mukinbudin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Narembeen (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nungarin (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trayning (S) | 6 | 0 | 6 | 441 | 0 | 0 | 441 | 0 | 441 |
| Westonia (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yilgarn (S) | 1 | 0 | 1 | 139 | 0 | 0 | 139 | 0 | 139 |
| South Eastern (SD) | 37 | 4 | 41 | 4139 | 265 | 109 | 4513 | 1880 | 6393 |
| Lefroy (SSD) | 24 | 4 | 28 | 2619 | 265 | 41 | 2925 | 1764 | 4689 |
| Coolgardie (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kalgoorlie/Boulder (C) | 24 | 4 | 28 | 2619 | 265 | 41 | 2925 | 1764 | 4689 |
| Laverton (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Leonora (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Menzies (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ngaanyatjarraku (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Johnston (SSD) | 13 | 0 | 13 | 1520 | 0 | 68 | 1588 | 116 | 1704 |
| Dundas (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Esperance (S) | 13 | 0 | 13 | 1520 | 0 | 68 | 1588 | 116 | 1704 |
| Ravensthorpe (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Central (SD) | 57 | 0 | 58 | 6160 | 0 | 559 | 6719 | 430 | 7149 |
| Gascoyne (SSD) | 12 | 0 | 13 | 1069 | 0 | 195 | 1264 | 0 | 1264 |
| Carnarvon (S) | 12 | 0 | 12 | 1069 | 0 | 180 | 1249 | 0 | 1249 |
| Exmouth (S) | 0 | 0 | 1 | 0 | 0 | 15 | 15 | 0 | 15 |
| Shark Bay (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Upper Gascoyne (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carnegie (SSD) | 1 | 0 | 1 | 196 | 0 | 0 | 196 | 0 | 196 |
| Cue (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Meekatharra (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mount Magnet (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Murchison (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sandstone (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wiluna (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yalgoo (S) | 1 | 0 | 1 | 196 | 0 | 0 | 196 | 0 | 196 |

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

| Statistical Area | New houses | New other residential building | Total dwellings(a) | New houses | New other residential building | Alterations \& additions to residential buildings(b) | Total residential building | Nonresidential building | Total building |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Greenough River (SSD) | 44 | 0 | 44 | 4895 | 0 | 364 | 5259 | 430 | 5689 |
| Carnamah (S) | 1 | 0 | 1 | 95 | 0 | 0 | 95 | 0 | 95 |
| Chapman Valley (S) | 3 | 0 | 3 | 395 | 0 | 28 | 423 | 0 | 423 |
| Coorow (S) | 1 | 0 | 1 | 112 | 0 | 0 | 112 | 0 | 112 |
| Geraldton (C) | 9 | 0 | 9 | 935 | 0 | 123 | 1058 | 430 | 1488 |
| Greenough (S) | 18 | 0 | 18 | 2011 | 0 | 64 | 2075 | 0 | 2075 |
| Irwin (S) | 5 | 0 | 5 | 455 | 0 | 40 | 495 | 0 | 495 |
| Mingenew (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Morawa (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mullewa (S) | 4 | 0 | 4 | 442 | 0 | 0 | 442 | 0 | 442 |
| Northampton (S) | 3 | 0 | 3 | 450 | 0 | 109 | 559 | 0 | 559 |
| Perenjori (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Three Springs (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pilbara (SD) | 51 | 8 | 59 | 7444 | 662 | 136 | 8241 | 309 | 8550 |
| De Grey (SSD) | 35 | 8 | 43 | 5122 | 662 | 12 | 5796 | 0 | 5796 |
| East Pilbara (S) | 4 | 2 | 6 | 517 | 240 | 0 | 757 | 0 | 757 |
| Port Hedland (T) | 31 | 6 | 37 | 4605 | 422 | 12 | 5039 | 0 | 5039 |
| Fortescue (SSD) | 16 | 0 | 16 | 2321 | 0 | 124 | 2445 | 309 | 2754 |
| Ashburton (S) | 4 | 0 | 4 | 611 | 0 | 10 | 621 | 0 | 621 |
| Roebourne (S) | 12 | 0 | 12 | 1710 | 0 | 114 | 1824 | 309 | 2133 |
| Kimberley (SD) | 23 | 6 | 29 | 3567 | 914 | 26 | 4507 | 1237 | 5743 |
| Ord (SSD) | 5 | 4 | 9 | 580 | 487 | 0 | 1067 | 950 | 2017 |
| Halls Creek (S) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyndham-East Kimberley (S) | 4 | 5 | 9 | 580 | 487 | 0 | 1067 | 950 | 2017 |
| Fitzroy (SSD) | 18 | 2 | 20 | 2986 | 427 | 26 | 3439 | 287 | 3726 |
| Broome (S) | 6 | 0 | 6 | 804 | 0 | 0 | 804 | 207 | 1010 |
| Derby-West Kimberly (S) | 12 | 2 | 14 | 2183 | 427 | 26 | 2636 | 80 | 2716 |

(a) Includes conversions and dwelling units approved as part of alterations and additons or the construction of non-residential buildings.
(b) Refer to Explanatory Notes paragraph 12.

## EXPLANATORYNOTES

INTRODUCTION

SCOPE AND COVERAGE

VALUE DATA

OWNERSHIP

BUILDING CLASSIFICATIONS

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

3 The scope of the survey comprises the following activities:

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

From July 1990, the statistics include:

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

Excluded from the statistics is:

- construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.). Statistics for this activity can be found in Engineering Construction Activity, Australia (8762.0).

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

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

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

7 The Type of Building classification refers to the intended major function of a building. A building which is ancillary to other buildings or forms a part of a group of related buildings is classified to the function of the building, not to the function of the group as a whole.

## EXPLANATORYNOTES

BUILDING CLASSIFICATIONS Continued

SEASONAL ADJUSTMENT

TREND ESTIMATES

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

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

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

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

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

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

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

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

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

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

18 Smoothing seasonally adjusted series reduces the impact of the irregular component of the seasonally adjusted series and creates trend estimates. For monthly series, these trend estimates are derived by applying a 13-term Henderson-weighted moving average to all months of the respective seasonally adjusted series except the last six months. Trend series are created for the last six months by applying surrogates of the Henderson moving average to the seasonally adjusted series. For further information, see A Guide to Interpreting Time Series-Monitoring 'Trends': an Overview (1348.0) or contact the Assistant Director, Time Series Analysis on (02) 62526345.

## EXPLANATORYNOTES

| TREND ESTIMATES | 19 While the smoothing techniques described in paragraph 18 enables trend |
| :---: | :---: |
| Continued | estimates to be produced for the latest few periods, it does 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. |
| CONSTANT PRICE ESTIMATES | 20 Constant price estimates measure changes in value after the direct effects of price changes have been eliminated. |
|  | The deflators used to revalue the current price estimates are derived from the same price data underlying the deflators compiled for the dwelling and non-dwelling construction components of the national accounts aggregate 'Gross fixed capital expenditure'. |
|  | 21 Estimates at constant prices are subject to a number of approximations and assumptions. For more information on the nature and concepts of constant price estimates, see Chapter 4 of Australian National Accounts: Concepts, Sources and Methods (5216.0). Monthly value data at constant prices are not available. |
| AUSTRALIAN STANDARD | 22 Area statistics are now bing classified to the ASGC, 1996 Edition (Cat. no. |
| GEOGRAPHIC CLASSIFICATION (ASGC) | 1216.0), effective from 1 July 1996, and ASGC terminology has been adopted in the presentation of building statistics. |
| UNPUBLISHED DATA | 23 The ABS can also make available certain building approvals data which are not published. Where the data cannot be provided by telephone, it can be provided via fax, photocopy, computer printout, floppy disk and email. A charge may be made for providing unpublished data in these forms. |
| Related publications | 24 Users may also wish to refer to the following publications: |
|  | - Building Approvals, Australia (8731.0) <br> - Building Activity, Australia: Dwelling Unit Commencements (8750.0) <br> - Building Activity, Australia (8752.0) <br> - Building Activity, Western Australia (8752.5) <br> - Engineering Construction Activity, Australia (8762.0) <br> - Housing Finance for Owner Occupation, Australia (5609.0) <br> - Price Index of Materials Used in House Building (6408.0) <br> - Price Index of Materials Used in Building Other than House Building (6407.0) <br> - House Price Indexes: Eight Capital Cities (6416.0). |
| ROUNDING | When figures have been rounded, discrepancies may occur between sums of the component items and totals. |
| SYMBOLS AND OTHER USAGES | n.a. not available |
|  | n.y.a. not yet available |
|  | (C) City |
|  | (S) Shire |
|  | (SD) Statistical Division |
|  | (SDD) Statistical SubDivision |
|  | (T) Town |

Alternations 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 12.

Building A building is a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design is the provision for regular access by persons in order to satisfy its intended use.

Conversion Building activity which converts a non-residential building to a residential building, e.g. conversion of a warehouse to residential apartments. Conversion is considered to be a special type of alteration, and these jobs have been separately identified as such from the July 1996 reference month, though they have only appeared separately in this publication from the May 1998 issue. Prior to that issue, conversions were published as part of the 'Conversions, etc.' category or included elsewhere within a table. Prior to July 1996, Table 5 includes the number of Conversions in the 'Alterations and additions to residential buildings' category while Table 6 includes the value of Conversions in the 'Alterations and additions to residential buildings, creating dwellings' category. See also Explanatory Notes paragraph 12.

Dwelling unit
A dwelling unit is a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Regardless of whether they are self-contained or not, units within buildings offering institutional care (e.g. hospitals) or temporary accommodation (e.g. motels, hostels and holiday apartments) are not defined as dwelling units. Such units are included in the appropriate category of non-residential building approvals. Dwelling units can be created in one of four ways: through new work to create a residential building; through alteration/addition work to an existing residential building; through either new or alteration/addition work on non-residential building or through conversion of a non-residential building to a residential building.

## Educational

Includes schools, colleges, kindergartens, libraries, museums and universities.

## Entertainment and

 recreationalFactories

Flats, units or apartments

Health

Hotels, motels and other short
term accommodation

House A house is a detached building primarily used for long term residential purposes. It consists of one dwelling unit. For instance, detached 'granny flats' and detached dwelling units (eg. caretakers residences) associated with a non-residential building are defined as houses.

| Miscellaneous | Includes justice and defence buildings, welfare and charitable homes, prisons and <br> reformatories, maintenance camps, farming and livestock buildings, veterinary <br> clinics, child-minding centres, police stations and public toilets. |
| :--- | :--- |
| New building work | Building activity which will result in the creation of a building which previously <br> did not exist. |
| New other residential |  |
| buildings | Building activity which will result in the creation of a residential building other <br> than a house, which previously did not exist. |
| New residential | Building activity which will result in the creation of any residential building <br> (house or other residential) which previously did not exist. |
| Non-residential building | A non-residential building is primarily intended for purposes other than long term <br> residential purposes. Note that, on occasions, one or more dwelling units may be <br> created through non-residential building activity. Prior to the May issue of this <br> publication, they have been included in the 'Conversions, etc.' column in tables <br> showing dwelling units approved. They are now identified separately (e.g. see <br> 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 |  |

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[^0]:    (a) Refer to Explanatory Notes paragraph 12

