

BUILDING APPROVALS

WESTERN AUSTRALIA

August 1994

MAIN FEATURES

The number of houses approved in August 1994 increased by 14.2 per cent when compared with July 1994 and increased by 6.9 per cent when compared with August 1993.

The number of total dwelling units approved in August 1994 increased by 9.1 per cent when compared with July 1994 and increased by 8.1 per cent when compared with August 1993.

The provisional trend for new private dwelling approvals fell 1.6 per cent in August 1994, following a 1.4 per cent fall in July 1994. This trend will continue to fall unless there is a rise of more than 4.1 per cent in the September seasonally adjusted figure. The historical average monthly movement of this series regardless of sign is 7.0 per cent.

NOTE: Prior to July 1994 Perth City Council was comprised of 5 SLA's: Perth(C) Inner; Perth(C) Outer; Perth(C) North; Perth(C) South and Perth(C) Wembley-Coastal.

From July 1994 Perth City Council was re-structured and as a consequence 3 new SLA's have been created: Cambridge(T), Shepperton(T) and Vincent(T). Perth City Council was reduced in size and now comprises 2 SLA's: Perth(C) Inner and Perth(C) Remainder. For further information please see the Explanatory Notes (point 31).

Comparisons with previous periods are:

Month to month

| | <i>Aug. 1994</i> | <i>Jul. 1994</i> | <i>% change</i> | <i>Aug. 1993</i> | <i>% change</i> |
|----------------------|------------------|------------------|-----------------|------------------|-----------------|
| Houses | 1,665 | 1,458 | +14.2 | 1,558 | +6.9 |
| Total dwelling units | 2,309 | 2,116 | +9.1 | 2,135 | +8.1 |

Three month moving average

| | <i>Aug. 1994</i> | <i>Jul. 1994</i> | <i>% change</i> | <i>Aug. 1993</i> | <i>% change</i> |
|----------------------|------------------|------------------|-----------------|------------------|-----------------|
| Houses | 1,669 | 1,748 | -4.5 | 1,614 | +3.4 |
| Total dwelling units | 2,360 | 2,748 | -14.1 | 2,171 | +8.7 |

Eight months January to August

| | <i>1994</i> | <i>1993</i> | <i>% change</i> | <i>1992</i> | <i>% change</i> |
|----------------------|-------------|-------------|-----------------|-------------|-----------------|
| Houses | 12,775 | 11,386 | +12.2 | 9,878 | +29.3 |
| Total dwelling units | 17,903 | 15,487 | +15.6 | 13,863 | +29.1 |

PHONE INQUIRIES

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ELECTRONIC SERVICES

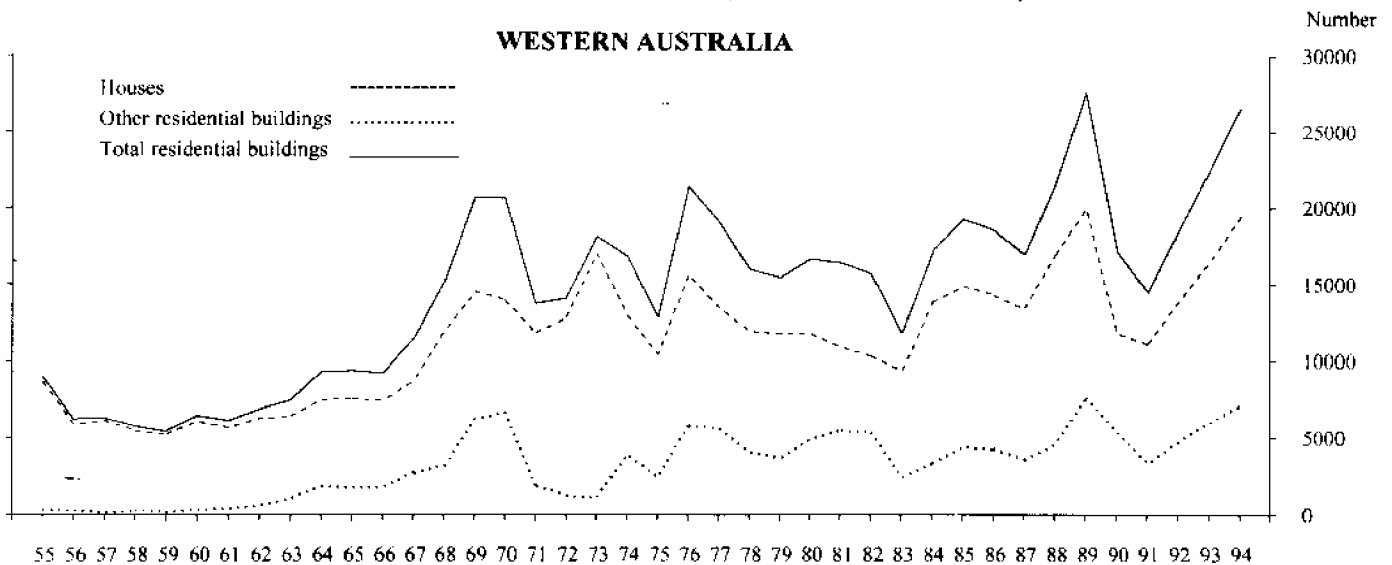
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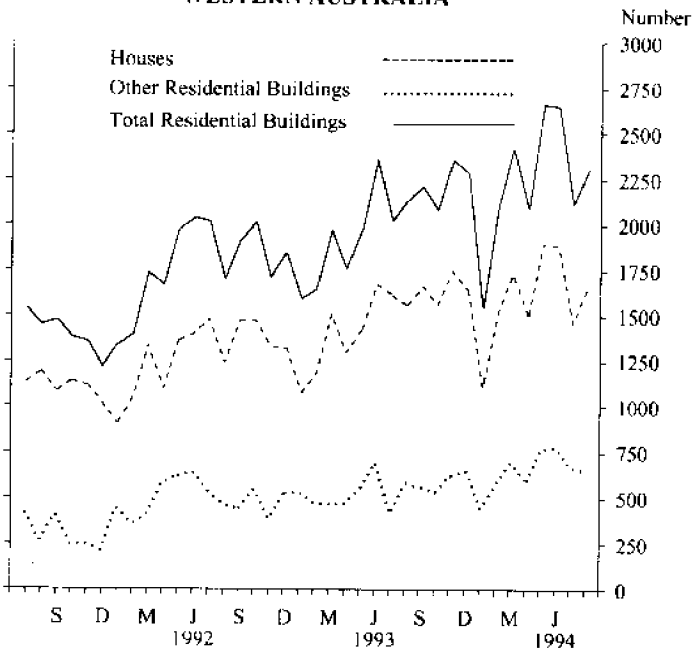
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NEW DWELLING UNITS APPROVED (YEAR ENDED 30 JUNE)

WESTERN AUSTRALIA



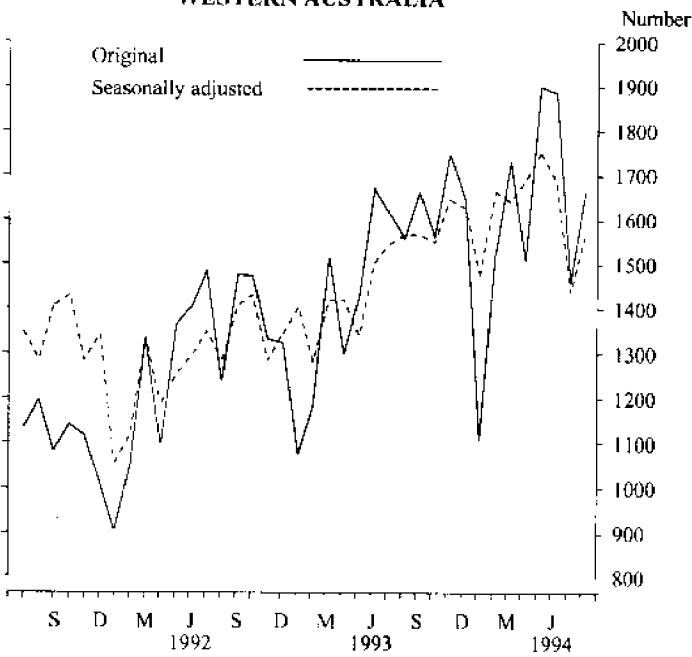
**NEW DWELLING UNITS APPROVED
WESTERN AUSTRALIA**



**TOTAL VALUE OF BUILDING APPROVED
WESTERN AUSTRALIA**



**NEW HOUSES APPROVED
WESTERN AUSTRALIA**



**NEW HOUSES APPROVED
WESTERN AUSTRALIA**

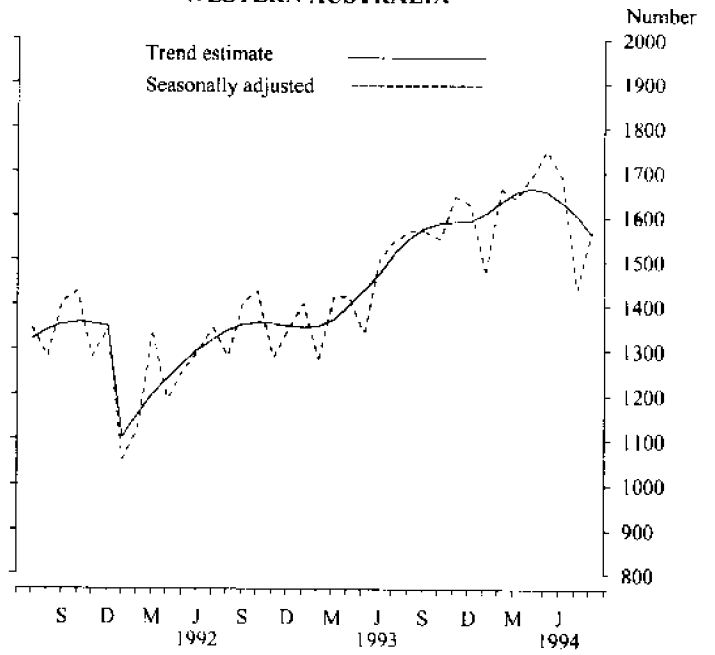


TABLE 1. NUMBER OF DWELLING UNITS APPROVED IN NEW RESIDENTIAL BUILDING

| Period | Houses | | | Other residential buildings | | | Total | | |
|-----------------------------------|----------------|---------------|--------|-----------------------------|---------------|-------|----------------|---------------|--------|
| | Private sector | Public sector | Total | Private sector | Public sector | Total | Private sector | Public sector | Total |
| PERTH STATISTICAL DIVISION | | | | | | | | | |
| 1991-92 | 9,969 | 194 | 10,163 | 2,505 | 1,434 | 3,939 | 12,474 | 1,628 | 14,102 |
| 1992-93 | 11,618 | 285 | 11,903 | 3,448 | 1,540 | 4,988 | 15,066 | 1,825 | 16,891 |
| 1993-94 | 13,899 | 321 | 14,220 | 4,924 | 929 | 5,853 | 18,823 | 1,250 | 20,073 |
| 1993-94 | | | | | | | | | |
| July-August | 2,267 | 15 | 2,282 | 697 | 114 | 811 | 2,964 | 129 | 3,093 |
| 1994-95 | | | | | | | | | |
| July-August | 2,277 | 54 | 2,331 | 1,012 | 66 | 1,078 | 3,289 | 120 | 3,409 |
| 1993 | | | | | | | | | |
| June | 1,106 | 56 | 1,162 | 269 | 245 | 514 | 1,375 | 301 | 1,676 |
| July | 1,166 | 3 | 1,169 | 326 | 31 | 357 | 1,492 | 34 | 1,526 |
| August | 1,101 | 12 | 1,113 | 371 | 83 | 454 | 1,472 | 95 | 1,567 |
| September | 1,199 | 30 | 1,229 | 437 | 35 | 472 | 1,636 | 65 | 1,701 |
| October | 1,125 | 14 | 1,139 | 412 | 28 | 440 | 1,537 | 42 | 1,579 |
| November | 1,194 | 66 | 1,260 | 409 | 70 | 479 | 1,603 | 136 | 1,739 |
| December | 1,196 | 47 | 1,243 | 429 | 104 | 533 | 1,625 | 151 | 1,776 |
| 1994 | | | | | | | | | |
| January | 828 | 2 | 830 | 261 | 24 | 285 | 1,089 | 26 | 1,115 |
| February | 1,095 | 6 | 1,101 | 401 | 95 | 496 | 1,496 | 101 | 1,597 |
| March | 1,248 | 3 | 1,251 | 511 | 97 | 608 | 1,759 | 100 | 1,859 |
| April | 1,109 | 5 | 1,114 | 429 | 49 | 478 | 1,538 | 54 | 1,592 |
| May | 1,321 | 52 | 1,373 | 473 | 152 | 625 | 1,794 | 204 | 1,998 |
| June | 1,317 | 81 | 1,398 | 465 | 161 | 626 | 1,782 | 242 | 2,024 |
| July | 1,061 | 44 | 1,105 | 489 | 60 | 549 | 1,550 | 104 | 1,654 |
| August | 1,216 | 10 | 1,226 | 523 | 6 | 529 | 1,739 | 16 | 1,755 |
| WESTERN AUSTRALIA | | | | | | | | | |
| 1991-92 | 13,474 | 362 | 13,836 | 3,078 | 1,663 | 4,741 | 16,552 | 2,025 | 18,577 |
| 1992-93 | 16,036 | 449 | 16,485 | 4,081 | 1,913 | 5,994 | 20,117 | 2,362 | 22,479 |
| 1993-94 | 18,966 | 471 | 19,437 | 5,938 | 1,206 | 7,144 | 24,904 | 1,677 | 26,581 |
| 1993-94 | | | | | | | | | |
| July-August | 3,132 | 39 | 3,171 | 854 | 132 | 986 | 3,986 | 171 | 4,157 |
| 1994-95 | | | | | | | | | |
| July-August | 3,049 | 74 | 3,123 | 1,218 | 84 | 1,302 | 4,267 | 158 | 4,425 |
| 1993 | | | | | | | | | |
| June | 1,593 | 77 | 1,670 | 375 | 311 | 686 | 1,968 | 388 | 2,356 |
| July | 1,595 | 18 | 1,613 | 375 | 34 | 409 | 1,970 | 52 | 2,022 |
| August | 1,537 | 21 | 1,558 | 479 | 98 | 577 | 2,016 | 119 | 2,135 |
| September | 1,626 | 36 | 1,662 | 515 | 35 | 550 | 2,141 | 71 | 2,212 |
| October | 1,546 | 15 | 1,561 | 483 | 42 | 525 | 2,029 | 57 | 2,086 |
| November | 1,677 | 69 | 1,746 | 531 | 82 | 613 | 2,208 | 151 | 2,359 |
| December | 1,585 | 60 | 1,645 | 518 | 126 | 644 | 2,103 | 186 | 2,289 |
| 1994 | | | | | | | | | |
| January | 1,091 | 13 | 1,104 | 398 | 41 | 439 | 1,489 | 54 | 1,543 |
| February | 1,505 | 19 | 1,524 | 479 | 97 | 576 | 1,984 | 116 | 2,100 |
| March | 1,724 | 8 | 1,732 | 573 | 117 | 690 | 2,297 | 125 | 2,422 |
| April | 1,473 | 34 | 1,507 | 492 | 95 | 587 | 1,965 | 129 | 2,094 |
| May | 1,828 | 72 | 1,900 | 541 | 223 | 764 | 2,369 | 295 | 2,664 |
| June | 1,779 | 106 | 1,885 | 554 | 216 | 770 | 2,333 | 322 | 2,655 |
| July | 1,407 | 51 | 1,458 | 587 | 71 | 658 | 1,994 | 122 | 2,116 |
| August | 1,642 | 23 | 1,665 | 631 | 13 | 644 | 2,273 | 36 | 2,309 |

NOTE: The number of self-contained dwelling units approved as part of the construction of non-residential building and alterations and additions to existing buildings (including conversions to dwelling units) are excluded from this table. There were 11 such dwelling units approved in August 1994.

TABLE 2. VALUE OF BUILDING APPROVED
(\$ million)

| Period | New residential building | | | | | | | | | Alterations and additions to residential buildings | Non-residential building | | Total building | |
|-----------------------------------|--------------------------|---------------|---------|-----------------------------|---------------|-------|----------------|---------------|---------|--|--------------------------|-------|----------------|---------|
| | Houses | | | Other residential buildings | | | Total | | | | Private sector | Total | Private sector | Total |
| | Private sector | Public sector | Total | Private sector | Public sector | Total | Private sector | Public sector | Total | | | | | |
| PERTH STATISTICAL DIVISION | | | | | | | | | | | | | | |
| 1991-92 | 689.9 | 10.5 | 700.4 | 133.3 | 81.9 | 215.2 | 823.2 | 92.4 | 915.6 | 104.8 | 245.3 | 398.5 | 1,172.4 | 1,418.8 |
| 1992-93 | 822.1 | 17.7 | 839.7 | 188.9 | 92.3 | 281.2 | 1,010.9 | 109.9 | 1,120.9 | 113.3 | 463.2 | 715.9 | 1,585.3 | 1,950.1 |
| 1993-94 | 1,067.8 | 19.2 | 1,087.0 | 319.3 | 58.6 | 377.9 | 1,387.1 | 77.8 | 1,464.8 | 122.0 | 388.1 | 492.4 | 1,896.8 | 2,079.3 |
| 1993-94 | | | | | | | | | | | | | | |
| July-August | 167.8 | 1.1 | 168.9 | 41.0 | 7.6 | 48.6 | 208.8 | 8.7 | 217.5 | 18.2 | 44.3 | 61.8 | 271.3 | 297.5 |
| 1994-95 | | | | | | | | | | | | | | |
| July-August | 187.0 | 4.2 | 191.2 | 66.6 | 3.8 | 70.4 | 253.6 | 8.1 | 261.6 | 23.1 | 83.4 | 105.7 | 360.0 | 390.4 |
| 1993- | | | | | | | | | | | | | | |
| June | 78.0 | 3.8 | 81.9 | 15.9 | 13.3 | 29.2 | 93.9 | 17.1 | 111.0 | 9.1 | 33.6 | 49.1 | 136.6 | 169.2 |
| July | 87.3 | 0.2 | 87.5 | 20.4 | 1.4 | 21.8 | 107.7 | 1.5 | 109.3 | 9.1 | 15.4 | 22.1 | 132.2 | 140.5 |
| August | 80.5 | 0.9 | 81.4 | 20.6 | 6.2 | 26.8 | 101.1 | 7.2 | 108.3 | 9.1 | 28.9 | 39.7 | 139.1 | 157.0 |
| September | 85.5 | 2.2 | 87.7 | 28.1 | 2.4 | 30.5 | 113.6 | 4.6 | 118.2 | 9.7 | 56.6 | 57.9 | 179.9 | 185.9 |
| October | 85.5 | 0.8 | 86.3 | 27.1 | 1.8 | 28.9 | 112.6 | 2.6 | 115.2 | 11.3 | 47.0 | 50.7 | 170.9 | 177.2 |
| November | 89.7 | 3.5 | 93.2 | 25.2 | 4.2 | 29.4 | 114.9 | 7.7 | 122.6 | 10.4 | 35.4 | 43.1 | 160.8 | 176.2 |
| December | 91.6 | 2.7 | 94.4 | 24.9 | 6.3 | 31.2 | 116.5 | 9.0 | 125.5 | 9.8 | 20.7 | 56.4 | 147.0 | 191.8 |
| 1994- | | | | | | | | | | | | | | |
| January | 64.0 | 0.1 | 64.2 | 15.4 | 1.1 | 16.4 | 79.4 | 1.2 | 80.6 | 8.8 | 23.7 | 27.5 | 111.8 | 116.8 |
| February | 89.4 | 0.4 | 89.8 | 26.0 | 7.6 | 33.6 | 115.5 | 7.9 | 123.4 | 10.4 | 16.2 | 23.9 | 142.1 | 157.8 |
| March | 95.0 | 0.2 | 95.2 | 39.2 | 5.7 | 44.8 | 134.2 | 5.9 | 140.0 | 12.2 | 32.1 | 40.0 | 178.5 | 192.2 |
| April | 89.7 | 0.3 | 90.0 | 27.3 | 2.6 | 29.9 | 116.9 | 2.9 | 119.8 | 11.3 | 28.8 | 38.9 | 157.0 | 170.0 |
| May | 104.7 | 3.1 | 107.8 | 29.7 | 9.5 | 39.2 | 134.4 | 12.6 | 147.0 | 10.6 | 49.7 | 50.8 | 194.6 | 208.3 |
| June | 104.8 | 4.7 | 109.5 | 35.3 | 10.0 | 45.3 | 140.1 | 14.7 | 154.9 | 9.3 | 33.6 | 41.4 | 183.0 | 205.6 |
| July | 89.4 | 3.5 | 92.9 | 32.9 | 3.5 | 36.4 | 122.3 | 7.0 | 129.2 | 10.2 | 41.2 | 42.7 | 173.7 | 182.2 |
| August | 97.6 | 0.7 | 98.4 | 33.7 | 0.4 | 34.0 | 131.3 | 1.1 | 132.4 | 12.9 | 42.2 | 63.0 | 186.4 | 208.2 |
| WESTERN AUSTRALIA | | | | | | | | | | | | | | |
| 1991-92 | 931.4 | 23.9 | 955.3 | 166.1 | 96.5 | 262.6 | 1,097.5 | 120.4 | 1,217.9 | 124.2 | 306.6 | 504.9 | 1,527.0 | 1,847.0 |
| 1992-93 | 1,138.8 | 34.9 | 1,173.7 | 227.6 | 118.1 | 345.7 | 1,366.4 | 153.0 | 1,519.4 | 137.1 | 591.3 | 889.6 | 2,091.8 | 2,546.1 |
| 1993-94 | 1,469.3 | 34.4 | 1,503.7 | 382.5 | 78.5 | 461.0 | 1,851.8 | 112.9 | 1,964.7 | 150.0 | 513.1 | 667.0 | 2,513.8 | 2,781.7 |
| 1993-94 | | | | | | | | | | | | | | |
| July-August | 232.0 | 3.7 | 235.7 | 50.1 | 8.6 | 58.8 | 282.2 | 12.3 | 294.5 | 21.5 | 68.9 | 92.5 | 372.4 | 408.4 |
| 1994-95 | | | | | | | | | | | | | | |
| July-August | 252.1 | 6.1 | 258.2 | 81.7 | 5.2 | 86.9 | 333.8 | 11.3 | 345.0 | 27.6 | 105.7 | 132.1 | 467.1 | 504.8 |
| 1993 | | | | | | | | | | | | | | |
| June | 113.7 | 6.3 | 120.0 | 23.0 | 17.7 | 40.7 | 136.7 | 24.0 | 160.7 | 11.7 | 48.1 | 65.4 | 196.5 | 237.8 |
| July | 118.6 | 1.6 | 120.2 | 22.9 | 1.6 | 24.5 | 141.5 | 3.2 | 144.7 | 10.5 | 21.9 | 33.6 | 173.9 | 188.7 |
| August | 113.4 | 2.1 | 115.5 | 27.2 | 7.1 | 34.3 | 140.6 | 9.1 | 149.8 | 11.0 | 47.0 | 58.9 | 198.5 | 219.7 |
| September | 118.4 | 3.0 | 121.4 | 32.3 | 2.4 | 34.7 | 150.6 | 5.4 | 156.1 | 12.7 | 66.7 | 84.8 | 230.1 | 253.7 |
| October | 116.4 | 0.9 | 117.2 | 31.4 | 2.8 | 34.3 | 147.8 | 3.7 | 151.5 | 14.0 | 53.0 | 58.9 | 214.6 | 224.4 |
| November | 126.5 | 3.7 | 130.3 | 32.6 | 5.0 | 37.5 | 159.1 | 8.7 | 167.8 | 13.0 | 54.0 | 64.9 | 225.6 | 245.7 |
| December | 121.3 | 3.7 | 125.0 | 31.2 | 8.1 | 39.3 | 152.5 | 11.8 | 164.3 | 11.7 | 25.8 | 67.2 | 190.0 | 243.2 |
| 1994- | | | | | | | | | | | | | | |
| January | 84.8 | 1.3 | 86.0 | 23.5 | 2.4 | 25.9 | 108.2 | 3.7 | 111.9 | 10.4 | 33.1 | 37.4 | 151.6 | 159.6 |
| February | 122.4 | 1.7 | 124.0 | 30.8 | 7.8 | 38.6 | 153.2 | 9.4 | 162.6 | 13.0 | 31.2 | 42.7 | 197.4 | 218.4 |
| March | 135.3 | 0.8 | 136.1 | 43.5 | 6.7 | 50.2 | 178.7 | 7.5 | 186.3 | 14.8 | 41.5 | 49.7 | 235.0 | 250.7 |
| April | 119.6 | 3.2 | 122.8 | 32.0 | 6.0 | 38.0 | 151.6 | 9.2 | 160.8 | 13.5 | 35.5 | 46.6 | 200.4 | 220.9 |
| May | 147.0 | 4.9 | 151.9 | 34.5 | 13.9 | 48.4 | 181.5 | 18.8 | 200.4 | 13.4 | 57.4 | 58.7 | 252.3 | 272.4 |
| June | 145.7 | 7.6 | 153.2 | 40.7 | 14.8 | 55.4 | 186.3 | 22.3 | 208.7 | 12.0 | 46.0 | 63.7 | 244.3 | 284.4 |
| July | 119.4 | 4.0 | 123.3 | 40.1 | 4.4 | 44.4 | 159.4 | 8.3 | 167.8 | 12.7 | 51.5 | 55.0 | 223.6 | 235.5 |
| August | 132.7 | 2.1 | 134.8 | 41.6 | 0.8 | 42.4 | 174.3 | 2.9 | 177.3 | 14.9 | 54.2 | 77.1 | 243.4 | 269.3 |

**TABLE 3. NUMBER OF DWELLING UNITS APPROVED
SEASONALLY ADJUSTED AND TREND ESTIMATES (a)**

| Period | Houses | | | | Total | | | |
|-------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|
| | Private sector | | Total | | Private sector | | Total | |
| | Seasonally adjusted | Trend estimate | Seasonally adjusted | Trend estimate | Seasonally adjusted | Trend estimate | Seasonally adjusted | Trend estimate |
| <i>1993</i> | | | | | | | | |
| June | 1,439 | 1,441 | 1,502 | 1,472 | 1,766 | 1,795 | 2,008 | 1,929 |
| July | 1,501 | 1,475 | 1,546 | 1,516 | 1,842 | 1,853 | 1,918 | 1,998 |
| August | 1,544 | 1,503 | 1,568 | 1,552 | 1,937 | 1,919 | 2,101 | 2,075 |
| September | 1,515 | 1,523 | 1,568 | 1,575 | 1,956 | 1,987 | 2,097 | 2,144 |
| October | 1,516 | 1,538 | 1,550 | 1,586 | 2,092 | 2,046 | 2,209 | 2,199 |
| November | 1,543 | 1,548 | 1,645 | 1,587 | 2,094 | 2,087 | 2,329 | 2,230 |
| December | 1,592 | 1,561 | 1,625 | 1,589 | 2,154 | 2,112 | 2,391 | 2,242 |
| <i>1994</i> | | | | | | | | |
| January | 1,517 | 1,589 | 1,475 | 1,607 | 2,046 | 2,133 | 1,941 | 2,251 |
| February | 1,655 | r1,619 | 1,663 | r1,633 | 2,204 | r2,148 | 2,324 | r2,261 |
| March | 1,599 | r1,636 | 1,640 | r1,656 | 2,059 | r2,154 | 2,309 | r2,272 |
| April | 1,681 | r1,633 | 1,689 | r1,665 | 2,219 | r2,148 | 2,236 | r2,277 |
| May | 1,679 | r1,612 | 1,750 | r1,657 | 2,187 | r2,131 | 2,371 | r2,270 |
| June | 1,635 | r1,580 | 1,689 | r1,633 | 2,164 | r2,105 | 2,343 | r2,244 |
| July | 1,358 | r1,544 | 1,436 | r1,602 | 1,904 | r2,076 | 2,037 | r2,211 |
| August | 1,544 | 1,505 | 1,568 | 1,561 | 2,080 | 2,043 | 2,142 | 2,156 |

(a) Seasonally adjusted series smoothed by application of a 13-term Henderson moving average. Trend estimates for the most recent months are provisional and can be revised as data for additional months become available. See Explanatory Notes for a more detailed explanation.

**TABLE 4. VALUE OF BUILDING APPROVED AT AVERAGE 1989-90 PRICES (a)
(\$ million)**

| Period | New residential building | | | | Alterations and additions to residential buildings | Non-residential building | | Total building | |
|--------------|--------------------------|---------|-----------------------------|---------|--|--------------------------|-------|----------------|---------|
| | Houses | | Other residential buildings | Total | | Private sector | Total | Private sector | Total |
| | Private sector | Total | | | | | | | |
| 1991-92 | 1,052.4 | 1,079.3 | 256.1 | 1,335.5 | 140.3 | 298.3 | 491.3 | 1,645.5 | 1,967.2 |
| 1992-93 | 1,261.4 | 1,300.1 | 341.2 | 1,641.4 | 151.7 | 579.6 | 872.0 | 2,207.3 | 2,665.1 |
| 1993-94 | 1,580.5 | 1,617.4 | 454.0 | 2,071.4 | 161.4 | 501.9 | 652.4 | 2,613.9 | 2,885.1 |
| <i>1993—</i> | | | | | | | | | |
| Mar. qtr. | 285.9 | 297.1 | 87.0 | 384.2 | 40.0 | 168.5 | 272.2 | 549.7 | 696.4 |
| June qtr. | 340.6 | 353.2 | 97.0 | 450.2 | 37.3 | 171.4 | 244.9 | 608.7 | 732.4 |
| Sept. qtr. | 381.7 | 389.0 | 92.2 | 481.2 | 37.2 | 132.8 | 173.6 | 631.5 | 692.1 |
| Dec. qtr. | 393.7 | 402.7 | 109.5 | 512.2 | 41.8 | 129.9 | 186.8 | 657.2 | 740.8 |
| <i>1994—</i> | | | | | | | | | |
| Mar. qtr. | 367.4 | 371.3 | 112.8 | 484.1 | 41.0 | 103.4 | 126.9 | 606.4 | 652.0 |
| June qtr. | 437.7 | 454.3 | 139.5 | 593.9 | 41.3 | 135.7 | 165.0 | 718.7 | 800.2 |

(a) See paragraphs 20-25 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.

TABLE 5. VALUE OF BUILDING APPROVED, BY CLASS OF BUILDING AND OWNERSHIP
(\$ million)

| Class of building | 1992-93 | 1993-94 | July-August | | 1994 | | |
|--|----------------|----------------|--------------|--------------|--------------|--------------|--------------|
| | | | 1993-94 | 1994-95 | June | July | August |
| PRIVATE SECTOR | | | | | | | |
| New houses | 1,138.8 | 1,469.3 | 232.0 | 252.1 | 145.7 | 119.4 | 132.7 |
| New other residential buildings | 227.6 | 382.5 | 50.1 | 81.7 | 40.7 | 40.1 | 41.6 |
| <i>Total new residential building</i> | <i>1,366.4</i> | <i>1,851.8</i> | <i>282.2</i> | <i>333.8</i> | <i>186.3</i> | <i>159.4</i> | <i>174.3</i> |
| Alterations and additions to residential buildings | 134.1 | 148.9 | 21.4 | 27.6 | 11.9 | 12.7 | 14.9 |
| Hotels, etc. | 10.7 | 30.3 | 5.2 | 3.4 | 6.6 | 2.5 | 0.9 |
| Shops | 212.8 | 151.3 | 17.0 | 20.5 | 10.6 | 9.6 | 10.8 |
| Factories | 41.2 | 55.4 | 6.1 | 17.2 | 6.2 | 11.7 | 5.6 |
| Offices | 44.4 | 53.7 | 9.5 | 19.2 | 7.3 | 2.6 | 16.6 |
| Other business premises | 100.3 | 89.9 | 8.9 | 17.1 | 9.1 | 10.6 | 6.5 |
| Educational | 28.8 | 41.0 | 4.4 | 7.4 | 1.7 | 4.5 | 2.9 |
| Religious | 4.2 | 9.1 | 2.0 | 0.4 | 1.7 | 0.3 | 0.1 |
| Health | 79.8 | 28.8 | 2.9 | 9.2 | 0.8 | 5.8 | 3.4 |
| Entertainment and recreational | 24.4 | 25.7 | 2.4 | 6.0 | 0.2 | 1.8 | 4.2 |
| Miscellaneous | 44.7 | 27.9 | 10.3 | 5.3 | 1.7 | 2.1 | 3.2 |
| <i>Total non-residential building</i> | <i>591.3</i> | <i>513.1</i> | <i>68.9</i> | <i>105.7</i> | <i>46.0</i> | <i>51.5</i> | <i>54.2</i> |
| Total | 2,091.8 | 2,513.8 | 372.4 | 467.1 | 244.3 | 223.6 | 243.4 |
| PUBLIC SECTOR | | | | | | | |
| New houses | 34.9 | 34.4 | 3.7 | 6.1 | 7.6 | 4.0 | 2.1 |
| New other residential buildings | 118.1 | 78.5 | 8.6 | 5.2 | 14.8 | 4.4 | 0.8 |
| <i>Total new residential building</i> | <i>153.0</i> | <i>112.9</i> | <i>12.3</i> | <i>11.3</i> | <i>22.3</i> | <i>8.3</i> | <i>2.9</i> |
| Alterations and additions to residential buildings | 3.0 | 1.1 | 0.1 | — | 0.1 | — | — |
| Hotels, etc. | 0.2 | — | — | — | — | — | — |
| Shops | 2.0 | 1.8 | 1.1 | 0.4 | — | 0.4 | — |
| Factories | 4.6 | 1.3 | 0.6 | 0.1 | — | — | 0.1 |
| Offices | 67.6 | 27.7 | 1.1 | 1.7 | 1.0 | 0.5 | 1.2 |
| Other business premises | 12.2 | 17.4 | 1.9 | 5.9 | — | 1.7 | 4.2 |
| Educational | 98.6 | 61.0 | 5.4 | 15.4 | 14.7 | — | 15.4 |
| Religious | — | — | — | — | — | — | — |
| Health | 22.1 | 23.4 | 8.8 | 0.7 | — | 0.4 | 0.3 |
| Entertainment and recreational | 49.7 | 13.7 | 3.3 | 0.4 | 0.1 | 0.4 | — |
| Miscellaneous | 41.3 | 7.6 | 1.3 | 1.9 | 1.9 | 0.1 | 1.8 |
| <i>Total non-residential building</i> | <i>298.3</i> | <i>153.9</i> | <i>23.6</i> | <i>26.4</i> | <i>17.7</i> | <i>3.5</i> | <i>22.9</i> |
| Total | 454.3 | 267.9 | 36.0 | 37.7 | 40.1 | 11.9 | 25.8 |
| TOTAL | | | | | | | |
| New houses | 1,173.7 | 1,503.7 | 235.7 | 258.2 | 153.2 | 123.3 | 134.8 |
| New other residential buildings | 345.7 | 461.0 | 58.8 | 86.9 | 55.4 | 44.4 | 42.4 |
| <i>Total new residential building</i> | <i>1,519.4</i> | <i>1,964.7</i> | <i>294.5</i> | <i>345.0</i> | <i>208.7</i> | <i>167.8</i> | <i>177.3</i> |
| Alterations and additions to residential buildings | 137.1 | 150.0 | 21.5 | 27.6 | 12.0 | 12.7 | 14.9 |
| Hotels, etc. | 10.8 | 30.3 | 5.2 | 3.4 | 6.6 | 2.5 | 0.9 |
| Shops | 214.8 | 153.1 | 18.1 | 20.9 | 10.6 | 10.1 | 10.8 |
| Factories | 45.8 | 56.7 | 6.7 | 17.3 | 6.2 | 11.7 | 5.6 |
| Offices | 112.0 | 81.3 | 10.6 | 20.9 | 8.3 | 3.2 | 17.8 |
| Other business premises | 112.5 | 107.3 | 10.9 | 23.0 | 9.1 | 12.3 | 10.7 |
| Educational | 127.4 | 102.1 | 9.8 | 22.7 | 16.4 | 4.5 | 18.2 |
| Religious | 4.2 | 9.1 | 2.0 | 0.4 | 1.7 | 0.3 | 0.1 |
| Health | 101.9 | 52.2 | 11.7 | 9.9 | 0.8 | 6.2 | 3.7 |
| Entertainment and recreational | 74.0 | 39.5 | 5.7 | 6.3 | 0.3 | 2.1 | 4.2 |
| Miscellaneous | 86.0 | 35.5 | 11.6 | 7.2 | 3.6 | 2.2 | 5.0 |
| <i>Total non-residential building</i> | <i>889.6</i> | <i>667.0</i> | <i>92.5</i> | <i>132.1</i> | <i>63.7</i> | <i>53.0</i> | <i>77.1</i> |
| Total | 2,546.1 | 2,781.7 | 408.4 | 504.8 | 284.4 | 235.5 | 269.3 |

TABLE 6. NON-RESIDENTIAL BUILDING JOBS APPROVED, BY CLASS OF BUILDING AND VALUE SIZE GROUPS

| Period | \$50,000 to less than \$200,000 | | \$200,000 to less than \$500,000 | | \$500,000 to less than \$1m | | \$1m to less than \$5m | | \$5m and over | | Total | |
|---------------------------------------|---------------------------------|-------------|----------------------------------|-------------|-----------------------------|-------------|------------------------|-------------|---------------|-------------|-------|-------------|
| | No. | Value (\$m) | No. | Value (\$m) | No. | Value (\$m) | No. | Value (\$m) | No. | Value (\$m) | No. | Value (\$m) |
| HOTELS, ETC. | | | | | | | | | | | | |
| 1994 June | 6 | 0.7 | 1 | 0.2 | — | — | 3 | 5.7 | — | — | 10 | 6.6 |
| July | 3 | 0.3 | 1 | 0.4 | — | — | 1 | 1.8 | — | — | 5 | 2.5 |
| August | 2 | 0.3 | — | — | 1 | 0.6 | — | — | — | — | 3 | 0.9 |
| SHOPS | | | | | | | | | | | | |
| 1994 June | 22 | 2.0 | 5 | 1.7 | 1 | 0.5 | 4 | 6.4 | — | — | 32 | 10.6 |
| July | 30 | 2.7 | 6 | 1.8 | 5 | 3.5 | 1 | 2.0 | — | — | 42 | 10.1 |
| August | 17 | 1.8 | 7 | 2.0 | 5 | 3.1 | 3 | 3.9 | — | — | 32 | 10.8 |
| FACTORIES | | | | | | | | | | | | |
| 1994 June | 23 | 2.6 | 5 | 1.8 | 3 | 1.9 | — | — | — | — | 31 | 6.2 |
| July | 14 | 1.7 | 6 | 1.9 | 2 | 1.6 | — | — | 1 | 6.4 | 23 | 11.7 |
| August | 18 | 1.9 | 12 | 3.7 | — | — | — | — | — | — | 30 | 5.6 |
| OFFICES | | | | | | | | | | | | |
| 1994 June | 13 | 1.1 | 13 | 3.5 | 3 | 2.5 | 1 | 1.2 | — | — | 30 | 8.3 |
| July | 6 | 0.5 | 8 | 2.0 | 1 | 0.6 | — | — | — | — | 15 | 3.2 |
| August | 14 | 1.3 | 9 | 2.6 | 3 | 1.7 | — | — | 1 | 12.1 | 27 | 17.8 |
| OTHER BUSINESS PREMISES | | | | | | | | | | | | |
| 1994 June | 19 | 1.9 | 8 | 2.4 | 5 | 3.3 | 1 | 1.5 | — | — | 33 | 9.1 |
| July | 9 | 1.0 | 6 | 1.7 | 2 | 1.7 | 4 | 7.9 | — | — | 21 | 12.3 |
| August | 15 | 1.6 | 10 | 3.1 | 1 | 1.0 | 4 | 5.1 | — | — | 30 | 10.7 |
| EDUCATIONAL | | | | | | | | | | | | |
| 1994 June | 3 | 0.2 | 3 | 0.8 | — | — | 8 | 15.3 | — | — | 14 | 16.4 |
| July | 2 | 0.2 | 2 | 0.5 | 5 | 3.8 | — | — | — | — | 9 | 4.5 |
| August | 5 | 0.7 | 7 | 2.4 | 1 | 0.7 | 4 | 6.2 | 1 | 8.2 | 18 | 18.2 |
| RELIGIOUS | | | | | | | | | | | | |
| 1994 June | 5 | 0.6 | — | — | — | — | 1 | 1.1 | — | — | 6 | 1.7 |
| July | — | — | 1 | 0.3 | — | — | — | — | — | — | 1 | 0.3 |
| August | 2 | 0.1 | — | — | — | — | — | — | — | — | 2 | 0.1 |
| HEALTH | | | | | | | | | | | | |
| 1994 June | 1 | 0.1 | 1 | 0.2 | 1 | 0.5 | — | — | — | — | 3 | 0.8 |
| July | 2 | 0.1 | 5 | 1.7 | — | — | 3 | 4.4 | — | — | 10 | 6.2 |
| August | 7 | 0.6 | 2 | 0.7 | — | — | 2 | 2.5 | — | — | 11 | 3.7 |
| ENTERTAINMENT AND RECREATIONAL | | | | | | | | | | | | |
| 1994 June | 3 | 0.3 | — | — | — | — | — | — | — | — | 3 | 0.3 |
| July | 6 | 0.6 | 1 | 0.3 | 2 | 1.2 | — | — | — | — | 9 | 2.1 |
| August | 6 | 0.5 | 4 | 1.5 | 3 | 2.2 | — | — | — | — | 13 | 4.2 |
| MISCELLANEOUS | | | | | | | | | | | | |
| 1994 June | 10 | 1.2 | 4 | 1.1 | — | — | 1 | 1.3 | — | — | 15 | 3.6 |
| July | 9 | 0.9 | 1 | 0.4 | — | — | 1 | 1.0 | — | — | 11 | 2.2 |
| August | 15 | 1.3 | 3 | 1.2 | 2 | 1.3 | 1 | 1.2 | — | — | 21 | 5.0 |
| TOTAL NON-RESIDENTIAL BUILDING | | | | | | | | | | | | |
| 1994 June | 105 | 10.9 | 40 | 11.6 | 13 | 8.7 | 19 | 32.5 | — | — | 177 | 63.7 |
| July | 81 | 8.0 | 37 | 10.9 | 17 | 12.5 | 10 | 17.2 | 1 | 6.4 | 146 | 55.0 |
| August | 101 | 10.2 | 54 | 17.2 | 16 | 10.5 | 14 | 18.9 | 2 | 20.3 | 187 | 77.1 |

TABLE 7. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), AUGUST 1994

| Statistical local area, statistical subdivision and statistical division | New residential building | | | | | | Alterations and additions to residential buildings (\$'000) | Non-residential building | | |
|--|-------------------------------|------------------------------|----------------------------|-------------------------------|------------------------------|----------------------------|---|-------------------------------|-------------------|-------------------------------|
| | Houses | | | Other residential buildings | | | | Private sector (\$'000) | Total (\$'000) | Total building (\$'000) |
| | Private sector (number) | Public sector (number) | Total value (\$'000) | Private sector (number) | Public sector (number) | Total value (\$'000) | | | | |
| PERTH STATISTICAL DIVISION | | | | | | | | | | |
| Cambridge (T) | 4 | — | 654 | 3 | — | 130 | 497 | 1,700 | 1,700 | 2,981 |
| Claremont (T) | 6 | — | 745 | — | — | — | 831 | — | — | 1,576 |
| Cottesloe (T) | 1 | — | 354 | — | — | — | 372 | — | — | 726 |
| Mosman Park (T) | 3 | — | 840 | 3 | — | 189 | 40 | — | — | 1,069 |
| Nedlands (C) | 14 | — | 1,780 | 6 | — | 385 | 1,243 | 450 | 935 | 4,344 |
| Peppermint Grove (S) | 2 | — | 300 | — | — | — | 310 | — | — | 610 |
| Perth (C) — Inner | — | — | — | — | — | — | — | 3,536 | 4,218 | 4,218 |
| Perth (C) — Remainder | — | — | — | — | — | — | — | 2,355 | 10,650 | 10,650 |
| Shepperton (T) | 9 | — | 602 | 35 | — | 2,637 | 91 | 50 | 50 | 3,380 |
| Subiaco (C) | 3 | — | 390 | — | — | — | 210 | 12,200 | 12,200 | 12,800 |
| Vincent (T) | 4 | — | 311 | 21 | — | 1,525 | 411 | 1,340 | 1,340 | 3,586 |
| <i>Central Metropolitan (SSD)</i> | <i>46</i> | <i>—</i> | <i>5,976</i> | <i>68</i> | <i>—</i> | <i>4,866</i> | <i>4,004</i> | <i>21,631</i> | <i>31,093</i> | <i>45,940</i> |
| Bassendean (T) | 7 | — | 385 | 2 | — | 127 | 50 | 220 | 220 | 783 |
| Bayswater (C) | 9 | — | 770 | — | — | — | 313 | — | — | 1,083 |
| Kalamunda (S) | 26 | — | 2,050 | 17 | — | 960 | 859 | 367 | 2,417 | 6,286 |
| Mundaring (S) | 40 | — | 3,299 | — | — | — | 248 | 886 | 886 | 4,433 |
| Swan (S) | 134 | 7 | 10,067 | 8 | — | 453 | 261 | 2,462 | 6,359 | 17,140 |
| <i>East Metropolitan (SSD)</i> | <i>216</i> | <i>7</i> | <i>16,572</i> | <i>27</i> | <i>—</i> | <i>1,540</i> | <i>1,731</i> | <i>3,935</i> | <i>9,882</i> | <i>29,725</i> |
| Stirling (C) — Central | 30 | — | 3,165 | 110 | — | 6,281 | 389 | 2,200 | 2,320 | 12,155 |
| Stirling (C) — West | 9 | — | 692 | 66 | — | 4,485 | 391 | 1,650 | 1,650 | 7,218 |
| Stirling (C) — South-Eastern | 7 | — | 620 | 16 | — | 1,105 | 594 | — | 1,100 | 3,419 |
| Wanneroo (C) | 337 | 1 | 26,574 | 71 | — | 5,079 | 932 | 4,496 | 6,371 | 38,955 |
| <i>North Metropolitan (SSD)</i> | <i>383</i> | <i>1</i> | <i>31,051</i> | <i>263</i> | <i>—</i> | <i>16,930</i> | <i>2,305</i> | <i>8,346</i> | <i>11,441</i> | <i>61,747</i> |
| Cockburn (C) | 82 | 1 | 7,342 | 16 | — | 1,005 | 287 | 2,114 | 2,114 | 10,748 |
| East Fremantle (T) | — | — | — | — | — | — | 795 | — | 55 | 850 |
| Fremantle (C) — Inner | — | — | — | — | — | — | — | 60 | 1,336 | 1,336 |
| Fremantle (C) — Remainder | 12 | — | 1,040 | — | — | — | 319 | 380 | 456 | 1,814 |
| Kwinana (T) | 45 | — | 2,595 | — | — | — | 20 | — | — | 2,615 |
| Melville (C) | 44 | — | 6,431 | 37 | 4 | 3,331 | 1,244 | 260 | 260 | 11,266 |
| Rockingham (C) | 167 | — | 10,645 | 28 | — | 1,241 | 77 | 786 | 961 | 12,924 |
| <i>South West Metropolitan (SSD)</i> | <i>350</i> | <i>1</i> | <i>28,053</i> | <i>81</i> | <i>4</i> | <i>5,577</i> | <i>2,741</i> | <i>3,600</i> | <i>5,182</i> | <i>41,552</i> |
| Armadale (C) | 37 | — | 2,440 | 29 | — | 1,305 | 228 | 256 | 256 | 4,229 |
| Belmont (C) | 10 | 1 | 695 | 7 | 2 | 531 | 204 | — | — | 1,430 |
| Canning (C) | 46 | — | 4,023 | 25 | — | 1,307 | 510 | 2,320 | 2,995 | 8,834 |
| Gosnells (C) | 85 | — | 5,370 | 4 | — | 196 | 362 | 1,258 | 1,258 | 7,186 |
| Serpentine-Jarrahdale (S) | 22 | — | 1,744 | — | — | — | 26 | 230 | 230 | 2,000 |
| South Perth (C) | 21 | — | 2,457 | 19 | — | 1,757 | 746 | 629 | 629 | 5,589 |
| <i>South East Metropolitan (SSD)</i> | <i>221</i> | <i>1</i> | <i>16,729</i> | <i>84</i> | <i>2</i> | <i>5,095</i> | <i>2,075</i> | <i>4,693</i> | <i>5,368</i> | <i>29,268</i> |
| Total | 1,216 | 10 | 98,381 | 523 | 6 | 34,028 | 12,856 | 42,206 | 62,967 | 208,232 |
| SOUTH WEST STATISTICAL DIVISION | | | | | | | | | | |
| Boddington (S) | 2 | — | 242 | — | — | — | — | — | — | 242 |
| Mandurah (C) | 113 | — | 8,717 | 37 | — | 3,106 | 349 | 1,225 | 1,354 | 13,526 |
| Murray (S) | 16 | — | 1,209 | — | — | — | 55 | 150 | 150 | 1,414 |
| Waroona (S) | 2 | — | 134 | — | — | — | 22 | — | — | 156 |
| <i>Dale (SSD)</i> | <i>133</i> | <i>—</i> | <i>10,301</i> | <i>37</i> | <i>—</i> | <i>3,106</i> | <i>426</i> | <i>1,375</i> | <i>1,504</i> | <i>15,338</i> |
| Bunbury (C) | 19 | 3 | 1,978 | — | — | — | 85 | — | — | 2,063 |
| Capel (S) | 8 | — | 557 | — | — | — | — | 61 | 61 | 618 |
| Collie (S) | 1 | — | 120 | — | — | — | 35 | — | — | 155 |
| Dardanup (S) | 10 | — | 843 | — | — | — | — | — | — | 843 |
| Donnybrook-Balingup (S) | 5 | — | 581 | — | — | — | 32 | — | — | 613 |
| Harvey (S) | 14 | — | 1,203 | — | — | — | 55 | 716 | 716 | 1,974 |
| <i>Preston (SSD)</i> | <i>57</i> | <i>3</i> | <i>5,281</i> | <i>—</i> | <i>—</i> | <i>—</i> | <i>207</i> | <i>777</i> | <i>777</i> | <i>6,265</i> |

For footnote, see end of table.

TABLE 7. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), AUGUST 1994 *continued*

| Statistical local area, statistical subdivision and statistical division | New residential building | | | | | | Alterations and additions to residential buildings (\$'000) | Non-residential building | | Total building (\$'000) |
|--|-------------------------------|------------------------------|----------------------------|-------------------------------|------------------------------|----------------------------|---|-------------------------------|-------------------|-------------------------------|
| | Houses | | | Other residential buildings | | | | Private sector (\$'000) | Total (\$'000) | |
| | Private sector (number) | Public sector (number) | Total value (\$'000) | Private sector (number) | Public sector (number) | Total value (\$'000) | | | | |
| SOUTH WEST STATISTICAL DIVISION (continued) | | | | | | | | | | |
| Augusta-Margaret River (S) | 7 | — | 736 | — | — | — | 153 | 180 | 180 | 1,069 |
| Busselton (S) | 37 | — | 3,452 | 17 | — | 1,013 | 130 | 131 | 131 | 4,726 |
| Vasse (SSD) | 44 | — | 4,189 | 17 | — | 1,013 | 283 | 311 | 311 | 5,796 |
| Boyup Brook (S) | — | — | — | — | — | — | 12 | — | — | 12 |
| Bridgetown-Greenbushes (S) | 4 | — | 321 | — | — | — | 45 | — | — | 366 |
| Manjimup (S) | 2 | — | 167 | — | — | — | 17 | — | — | 184 |
| Nannup (S) | 3 | — | 105 | — | — | — | — | — | — | 105 |
| Blackwood (SSD) | 9 | — | 592 | — | — | — | 74 | — | — | 666 |
| Total | 243 | 3 | 20,363 | 54 | — | 4,119 | 990 | 2,463 | 2,592 | 28,065 |
| LOWER GREAT SOUTHERN STATISTICAL DIVISION | | | | | | | | | | |
| Broomehill (S) | — | — | — | — | — | — | — | — | — | — |
| Gnowangerup (S) | — | — | — | — | — | — | — | — | — | — |
| Jerramungup (S) | — | — | — | — | — | — | — | — | — | — |
| Katanning (S) | 2 | — | 122 | — | — | — | 13 | 50 | 50 | 185 |
| Kent (S) | — | — | — | — | — | — | — | — | — | — |
| Kojonup (S) | 1 | — | 29 | — | — | — | — | — | — | 29 |
| Tambellup (S) | — | — | — | — | — | — | — | — | — | — |
| Woodanilling (S) | — | — | — | — | — | — | — | — | — | — |
| Pallinup (SSD) | 3 | — | 151 | — | — | — | 13 | 50 | 50 | 213 |
| Albany (T) | 11 | — | 944 | 4 | — | 188 | 28 | 341 | 341 | 1,501 |
| Albany (S) | 17 | — | 1,231 | — | — | — | 99 | 100 | 405 | 1,735 |
| Cranbrook (S) | — | — | — | — | — | — | — | — | — | — |
| Denmark (S) | 9 | — | 778 | — | — | — | 10 | — | — | 788 |
| Plantagenet (S) | 4 | — | 283 | — | — | — | — | — | — | 283 |
| King (SSD) | 41 | — | 3,236 | 4 | — | 188 | 137 | 441 | 745 | 4,306 |
| Total | 44 | — | 3,386 | 4 | — | 188 | 150 | 491 | 795 | 4,519 |
| UPPER GREAT SOUTHERN STATISTICAL DIVISION | | | | | | | | | | |
| Brookton (S) | — | — | — | — | — | — | — | — | — | — |
| Cuballing (S) | 1 | — | 45 | — | — | — | — | — | — | 45 |
| Dumbleyung (S) | — | — | — | — | — | — | — | — | — | — |
| Narrogin (T) | — | — | — | — | — | — | 20 | — | 134 | 154 |
| Narrogin (S) | — | — | — | — | — | — | — | — | — | — |
| Pingelly (S) | — | — | — | — | — | — | — | — | — | — |
| Wagin (S) | 3 | — | 275 | — | — | — | — | — | — | 275 |
| Wandering (S) | — | — | — | — | — | — | — | — | — | — |
| West Arthur (S) | — | — | — | — | — | — | — | — | — | — |
| Wickepin (S) | — | — | — | — | — | — | — | — | — | — |
| Williams (S) | 1 | — | 95 | — | — | — | — | 122 | 122 | 217 |
| Hotham (SSD) | 5 | — | 415 | — | — | — | 20 | 122 | 256 | 691 |
| Corrigin (S) | — | — | — | — | — | — | — | — | — | — |
| Kondinin (S) | — | — | — | — | — | — | — | — | — | — |
| Kulin (S) | 1 | — | 90 | — | — | — | — | — | — | 90 |
| Lake Grace (S) | 1 | — | 70 | — | — | — | 33 | — | 72 | 175 |
| Lakes (SSD) | 2 | — | 160 | — | — | — | 33 | — | 72 | 265 |
| Total | 7 | — | 575 | — | — | — | 53 | 122 | 328 | 956 |

For footnote, see end of table.

TABLE 7. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), AUGUST 1994 *continued*

| Statistical local area, statistical subdivision and statistical division | New residential building | | | | | | Alterations and additions to residential buildings (\$'000) | Non-residential building | | |
|--|-------------------------------|------------------------------|----------------------------|-------------------------------|------------------------------|----------------------------|--|-------------------------------|-------------------|-------------------------------|
| | Houses | | | Other residential buildings | | | | Private sector (\$'000) | Total (\$'000) | Total building (\$'000) |
| | Private sector (number) | Public sector (number) | Total value (\$'000) | Private sector (number) | Public sector (number) | Total value (\$'000) | | | | |
| MIDLANDS STATISTICAL DIVISION | | | | | | | | | | |
| Chittering (S) | 7 | — | 397 | — | 3 | 200 | 18 | 52 | 52 | 667 |
| Dandaragan (S) | 1 | — | 55 | — | — | — | 107 | — | — | 162 |
| Gingin (S) | 12 | — | 850 | — | — | — | — | — | — | 850 |
| Moora (S) | — | — | — | — | — | — | — | — | — | — |
| Victoria Plains (S) | — | — | — | — | — | — | — | — | — | — |
| Moore (SSD) | 20 | — | 1,302 | — | 3 | 200 | 125 | 52 | 52 | 1,679 |
| Beverley (S) | — | — | — | — | — | — | — | — | — | — |
| Cunderdin (S) | 1 | — | 80 | — | — | — | 155 | — | — | 235 |
| Dalwallinu (S) | — | — | — | — | — | — | — | — | — | — |
| Dowerin (S) | — | — | — | — | — | — | — | — | — | — |
| Goomalling (S) | — | — | — | — | — | — | — | — | — | — |
| Koorda (S) | — | 1 | 57 | — | — | — | — | — | — | 57 |
| Northam (T) | 3 | — | 245 | — | — | — | — | — | — | 245 |
| Northam (S) | 6 | — | 294 | — | — | — | — | 483 | 483 | 777 |
| Quairading (S) | 1 | — | 50 | — | — | — | — | — | — | 50 |
| Tammin (S) | — | — | — | — | — | — | — | — | — | — |
| Toodyay (S) | 4 | — | 268 | — | — | — | 60 | — | — | 327 |
| Wongan-Ballidu (S) | — | — | — | — | 2 | 114 | — | — | — | 114 |
| Wyalkatchem (S) | — | — | — | — | — | — | — | — | — | — |
| York (S) | 7 | — | 450 | — | — | — | 35 | — | — | 485 |
| Avon (SSD) | 22 | 1 | 1,443 | — | 2 | 114 | 250 | 483 | 483 | 2,289 |
| Bruce Rock (S) | — | — | — | — | — | — | — | — | — | — |
| Kellerberrin (S) | — | — | — | — | — | — | — | — | — | — |
| Merredin (S) | 2 | — | 186 | — | — | — | — | 397 | 397 | 582 |
| Mount Marshall (S) | — | — | — | — | — | — | — | — | — | — |
| Mukinbudin (S) | — | — | — | — | — | — | — | — | 75 | 75 |
| Narembeen (S) | 1 | 2 | 240 | — | — | — | — | — | — | 240 |
| Nungarin (S) | — | — | — | — | — | — | — | — | — | — |
| Trayning (S) | — | — | — | — | — | — | — | — | — | — |
| Westonia (S) | — | — | — | — | — | — | — | — | — | — |
| Yilgam (S) | 1 | — | 90 | — | — | — | — | 650 | 650 | 740 |
| Campion (SSD) | 4 | 2 | 516 | — | — | — | — | 1,047 | 1,122 | 1,637 |
| Total | 46 | 3 | 3,261 | — | 5 | 314 | 374 | 1,581 | 1,656 | 5,605 |
| SOUTH EASTERN STATISTICAL DIVISION | | | | | | | | | | |
| Coolgardie (S) | 3 | — | 215 | — | — | — | 48 | 100 | 100 | 363 |
| Kalgoorlie/Boulder (C) | 19 | — | 1,630 | 43 | — | 3,092 | 185 | 1,967 | 1,967 | 6,874 |
| Laverton (S) | — | — | — | — | — | — | — | — | — | — |
| Leonora (S) | — | — | — | — | — | — | — | 1,177 | 1,177 | 1,177 |
| Menzies (S) | — | — | — | — | — | — | — | — | — | — |
| Lefroy (SSD) | 22 | — | 1,844 | 43 | — | 3,092 | 233 | 3,244 | 3,244 | 8,414 |
| Dundas (S) | — | — | — | — | — | — | — | — | — | — |
| Esperance (S) | 12 | — | 1,152 | — | — | — | — | 217 | 217 | 1,369 |
| Ravensthorpe (S) | — | — | — | — | — | — | — | — | — | — |
| Johnston (SSD) | 12 | — | 1,152 | — | — | — | — | 217 | 217 | 1,369 |
| Total | 34 | — | 2,997 | 43 | — | 3,092 | 233 | 3,461 | 3,461 | 9,783 |

For footnote, see end of table.

TABLE 7. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), AUGUST 1994—continued

| Statistical local area, statistical subdivision and statistical division | New residential building | | | | | | Alterations and additions to residential buildings (\$'000) | Non-residential building | | |
|--|-------------------------------|------------------------------|----------------------------|-------------------------------|------------------------------|----------------------------|---|-------------------------------|-------------------|-------------------------------|
| | Houses | | | Other residential buildings | | | | Private sector (\$'000) | Total (\$'000) | Total building (\$'000) |
| | Private sector (number) | Public sector (number) | Total value (\$'000) | Private sector (number) | Public sector (number) | Total value (\$'000) | | | | |
| CENTRAL STATISTICAL DIVISION | | | | | | | | | | |
| Carnarvon (S) | 1 | — | 80 | — | — | — | — | — | — | 80 |
| Exmouth (S) | 4 | — | 234 | — | — | — | 21 | — | — | 256 |
| Shark Bay (S) | 1 | — | 150 | — | — | — | — | — | — | 150 |
| Upper Gascoyne (S) | — | — | — | — | — | — | — | — | — | — |
| Gascoyne (SSD) | 6 | — | 464 | — | — | — | 21 | — | — | 486 |
| Cue (S) | — | — | — | — | — | — | — | — | — | — |
| Meekatharra (S) | — | — | — | — | — | — | 24 | — | — | 24 |
| Mount Magnet (S) | — | — | — | — | — | — | — | — | — | — |
| Murchison (S) | — | — | — | — | — | — | — | — | — | — |
| Ngaanyatjarraku (S) | — | — | — | — | — | — | — | — | — | — |
| Sandstone (S) | — | — | — | — | — | — | — | — | — | — |
| Wiluna (S) | — | 1 | 169 | — | — | — | — | — | — | 169 |
| Yalgoo (S) | — | — | — | — | — | — | — | — | — | — |
| Carnegie (SSD) | — | 1 | 169 | — | — | — | 24 | — | — | 193 |
| Carnamah (S) | — | — | — | — | — | — | — | — | — | — |
| Chapman Valley (S) | 3 | — | 203 | — | — | — | — | — | — | 203 |
| Coorow (S) | — | — | — | — | — | — | — | — | — | — |
| Geraldton (C) | 7 | — | 633 | 5 | 2 | 536 | 15 | 1,943 | 1,943 | 3,127 |
| Greenough (S) | 13 | — | 1,140 | — | — | — | 78 | — | 1,392 | 2,611 |
| Irwin (S) | 3 | — | 208 | — | — | — | — | — | — | 208 |
| Mingenew (S) | — | — | — | — | — | — | — | — | — | — |
| Morawa (S) | — | — | — | — | — | — | — | — | — | — |
| Mullewa (S) | — | — | — | — | — | — | — | — | — | — |
| Northampton (S) | 1 | — | 40 | — | — | — | — | — | — | 40 |
| Perenjori (S) | — | — | — | — | — | — | — | — | — | — |
| Three Springs (S) | — | — | — | — | — | — | — | — | — | — |
| Greenough River (SSD) | 27 | — | 2,224 | 5 | 2 | 536 | 93 | 1,943 | 3,335 | 6,189 |
| Total | 33 | — | 2,688 | 5 | 2 | 536 | 138 | 1,943 | 3,335 | 6,698 |
| PILBARA STATISTICAL DIVISION | | | | | | | | | | |
| East Pilbara (S) | — | — | — | — | — | — | — | — | — | — |
| Port Hedland (T) | 1 | — | 140 | — | — | — | — | — | — | 140 |
| De Grey (SSD) | 1 | — | 140 | — | — | — | — | — | — | 140 |
| Ashburton (S) | — | — | — | — | — | — | — | 550 | 550 | 550 |
| Roebourne (S) | 2 | 3 | 780 | — | — | — | 67 | 50 | 50 | 897 |
| Fortescue (SSD) | 2 | 3 | 780 | — | — | — | 67 | 600 | 600 | 1,447 |
| Total | 3 | 3 | 920 | — | — | — | 67 | 600 | 600 | 1,587 |
| KIMBERLEY STATISTICAL DIVISION | | | | | | | | | | |
| Halls Creek (S) | — | — | — | — | — | — | — | — | — | — |
| Wyndham-East Kimberley (S) | 3 | 2 | 540 | — | — | — | 20 | — | — | 560 |
| Ord (SSD) | 3 | 2 | 540 | — | — | — | 20 | — | — | 560 |
| Broome (S) | 13 | — | 1,368 | 2 | — | 160 | 20 | 909 | 909 | 2,457 |
| Derby-West Kimberley (S) | — | 1 | 170 | — | — | — | — | 452 | 452 | 622 |
| Fitzroy (SSD) | 13 | 1 | 1,538 | 2 | — | 160 | 20 | 1,361 | 1,361 | 3,079 |
| Total | 16 | 3 | 2,078 | 2 | — | 160 | 40 | 1,361 | 1,361 | 3,639 |
| WESTERN AUSTRALIA | | | | | | | | | | |
| Western Australia | 1,642 | 23 | 134,817 | 631 | 13 | 42,438 | 14,901 | 54,227 | 77,095 | 269,251 |

(a) City councils are marked (C), Town councils (T), Shire councils (S), and Statistical Subdivisions (SSD).

TABLE 8. NUMBER OF NEW HOUSES APPROVED BY MATERIAL OF OUTER WALLS, FLOOR AREA AND VALUE PER SQUARE METRE BY STATISTICAL DIVISION AUGUST 1994

| Statistical division | Material of outer walls | | | | | Total | Floor area (sq m) | Average floor area (sq m) | Average value per square metre (\$) |
|--------------------------|-------------------------|--------------|--------------|-----------|----------------------|--------------|-------------------|---------------------------|-------------------------------------|
| | Double brick(a) | Brick veneer | Fibre cement | Timber | Other and not stated | | | | |
| Perth | 1,194 | 10 | 4 | 12 | 6 | 1,226 | 268,468 | 219 | 366 |
| South-West | 204 | 20 | 12 | 2 | 8 | 246 | 53,340 | 217 | 382 |
| Lower Great Southern | 4 | 20 | 11 | 3 | 6 | 44 | 9,659 | 220 | 351 |
| Upper Great Southern | 4 | — | 1 | 1 | 1 | 7 | 1,534 | 219 | 375 |
| Midlands | 11 | 8 | 23 | 4 | 3 | 49 | 8,987 | 183 | 363 |
| South-Eastern | 6 | 21 | 3 | 1 | 3 | 34 | 6,331 | 186 | 473 |
| Central | 25 | 2 | 4 | 1 | 2 | 34 | 6,117 | 180 | 467 |
| Pilbara | — | 5 | — | — | 1 | 6 | 1,614 | 269 | 570 |
| Kimberley | — | 3 | — | — | 16 | 19 | 4,081 | 215 | 509 |
| Western Australia | 1,448 | 89 | 58 | 24 | 46 | 1,665 | 360,131 | 216 | 374 |

(a) Includes houses constructed with outer walls of stone and concrete.

TABLE 9. NEW DWELLING UNITS APPROVED, BY TYPE AND STATISTICAL DIVISION AUGUST 1994

| Statistical division | Houses | Other residential building | | | | | | | Total residential building | |
|--------------------------|----------------|---|-------------------|---------------|---|--------------|-------------------|--------------|----------------------------|----------------|
| | | Semi-detached, row or terrace houses, townhouses, etc. of | | | Flats, units or apartments in a building of | | | | | |
| | | 1 storey | 2 or more storeys | Total | 1-2 storeys | 3 storeys | 4 or more storeys | Total | | |
| NUMBER OF DWELLING UNITS | | | | | | | | | | |
| Perth | 1,226 | 448 | 81 | 529 | — | — | — | — | 529 | 1,755 |
| South West | 246 | 39 | — | 39 | — | 15 | — | 15 | 54 | 300 |
| Lower Great Southern | 44 | 4 | — | 4 | — | — | — | — | 4 | 48 |
| Upper Great Southern | 7 | — | — | — | — | — | — | — | — | 7 |
| Midlands | 49 | 5 | — | 5 | — | — | — | — | 5 | 54 |
| South Eastern | 34 | 43 | — | 43 | — | — | — | — | 43 | 77 |
| Central | 34 | 7 | — | 7 | — | — | — | — | 7 | 41 |
| Pilbara | 6 | — | — | — | — | — | — | — | — | 6 |
| Kimberley | 19 | 2 | — | 2 | — | — | — | — | 2 | 21 |
| Western Australia | 1,665 | 548 | 81 | 629 | — | 15 | — | 15 | 644 | 2,309 |
| VALUE (\$'000) | | | | | | | | | | |
| Perth | 98,381 | 27,340 | 6,689 | 34,028 | — | — | — | — | 34,028 | 132,409 |
| South West | 20,363 | 2,312 | — | 2,312 | — | 1,808 | — | 1,808 | 4,119 | 24,483 |
| Lower Great Southern | 3,386 | 188 | — | 188 | — | — | — | — | 188 | 3,574 |
| Upper Great Southern | 575 | — | — | — | — | — | — | — | — | 575 |
| Midlands | 3,261 | 314 | — | 314 | — | — | — | — | 314 | 3,574 |
| South Eastern | 2,997 | 3,092 | — | 3,092 | — | — | — | — | 3,092 | 6,089 |
| Central | 2,857 | 536 | — | 536 | — | — | — | — | 536 | 3,393 |
| Pilbara | 920 | — | — | — | — | — | — | — | — | 920 |
| Kimberley | 2,078 | 160 | — | 160 | — | — | — | — | 160 | 2,238 |
| Western Australia | 134,817 | 33,941 | 6,689 | 40,630 | — | 1,808 | — | 1,808 | 42,438 | 177,255 |

EXPLANATORY NOTES

Introduction

This publication contains monthly details of building work approved. Statistics of building work approved are compiled from:

- (a) permits issued by local government authorities in areas subject to building control by those authorities;
- (b) approvals issued by the Rural Housing Authority in areas not subject to building control by local government authorities;
- (c) contracts let or day labour work authorised by Commonwealth, State, semi-government and local government authorities.

Major building activity which takes place in areas not subject to the normal administrative approval processes (c.g. buildings on remote mine sites) is also included.

Factors affecting comparability

2. For purposes of comparison, it should be borne in mind that statistics of building approvals are affected from month to month by the number of large projects (such as blocks of flats and multi storey office buildings), approved in particular months and also by the administrative arrangements of government authorities.

Scope and coverage

3. The statistics relate to building activity which includes construction of new buildings and alterations and additions to existing buildings. Construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.) is excluded.

4. In relation to work carried out on existing buildings, the statistics include details of non-structural renovation and refurbishment work and the installation of integral building fixtures, for which building approval was obtained.

5. From July 1990, the statistics cover:

- (b) all approved new residential building jobs valued at \$10,000 or more;
- (b) approved alterations and additions to residential buildings valued at \$10,000 or more;
- (c) all approved non-residential building jobs valued at \$50,000 or more.

From July 1988 to June 1990, the statistics covered:

- (d) all approved new residential building jobs valued at \$5,000 or more (previously all new residential building jobs were included regardless of value);
- (e) approved alterations and additions to residential buildings valued at \$10,000 or more;
- (f) all approved non-residential building jobs valued at \$30,000 or more (previously \$10,000 or more).

These changes in scope mainly affect non-residential building data and do not have a statistically significant effect on broad building approvals aggregate data.

However, care should be taken in interpreting data for specific classes of non-residential building.

Definitions

6. A *building* is defined as 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, to satisfy its intended use, is the provision for regular access by humans.

7. A *dwelling unit* is defined as a self contained suite of rooms, including cooking and bathing facilities and intended for *long term* residential use. Units (whether self contained or not) within buildings offering institutional care, such as hospitals, or temporary accommodation, such as motels, hostels and holiday apartments, are not defined as dwelling units. The value of units of this type is included in the appropriate category of *non-residential building* approved.

8. A *residential building* is defined as a building predominantly consisting of one or more dwelling units. Residential buildings can be either *houses* or *other residential buildings* as follows:

- (a) A *house* is defined as a detached building predominantly used for long term residential purposes and consisting of only one dwelling unit. Thus detached 'granny flats' and detached dwelling units (such as caretaker's residences) associated with non-residential buildings are defined as houses for the purpose of these statistics.
- (b) An *other residential building* is defined as a building which is predominantly used for long term residential purposes and which contains (or has attached to it) more than one dwelling unit (e.g. includes flats, home units, townhouses, duplexes, apartment buildings, etc).

9. The number of dwelling units created by alterations and additions to existing buildings and through the construction of new *non-residential buildings* is not included in the tables but is shown as a footnote to Table 1.

10. *Values* data are derived by aggregation of the estimated value (when completed) of building work (excluding value of land and landscaping but including site preparation) as reported on approval documents. For *houses*, these estimates are usually a reliable indicator of the completed value of the building. However, for *other residential buildings* and *non-residential buildings* these estimates can, and often do, differ significantly from the completed value of the building.

Building classification

11. *Ownership*. The ownership of a building is classified as either *public sector* or *private sector* according to the sector of the intended owner of the completed building as evident at the time of approval. Residential buildings being constructed by private sector builders under government housing authority schemes whereby the authority has contracted, or intends to contract, to

purchase the buildings on or before completion, are classified as public sector.

12. *Functional classification of buildings.* A building is classified according to its intended major function. Hence 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 and not to the function of the group as a whole. An example of this can be seen in the treatment of building work approved for a factory complex. In this case a detached administration building would be classified to *offices*, a detached cafeteria building to *shops*, while factory buildings would be classified to *factories*. An exception to this rule is in the treatment of group accommodation buildings where, for example, a student accommodation building on a university campus would be classified to Educational.

13. From July 1992, an expanded functional classification of buildings based on the *Dwelling Structure Classification (DSC)* has been introduced by the ABS to provide more detailed information on residential building approvals.

14. The DSC has been developed by the ABS to provide a standard classification of the different types of dwelling structures (houses, flats, townhouses, etc.). The DSC will be implemented across all major collections of housing data in the ABS. The DSC has the same overall scope as the classification used in previous collections but provides more detail than previously available to reflect the current interest in medium to high density housing.

15. In particular, for Building Approvals, DSC allows new *other residential building* to be classified as follows:

- (a) *Semi-detached, row or terrace houses, townhouses, etc.* (dwellings having their own private grounds and no other dwellings above or below) with
 - one storey;
 - two or more storeys.
- (b) *Flats, units or apartments, etc.* (dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell) in a building of:
 - one or two storeys;
 - three storeys;
 - four or more storeys.

16. More details on the DSC are contained in the ABS Information Paper, *Dwelling Structure Classification (DSC)* (1296.0).

Seasonal adjustment

17. Seasonally adjusted dwelling unit statistics are shown in Table 3. In these series, account has been taken of normal seasonal factors and 'trading day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month) and the effect of movement in the date of Easter which may, in successive years, affect figures for different months. Revision of figures results from annual re-analysis, details of which, together with information regarding the methods used in seasonally adjusting the series, are available on request.

18. Each of the component series shown has been seasonally adjusted independently. As a consequence, while the unadjusted components in the original series

shown add to the totals, the adjusted components may not add to the adjusted totals. Further, the difference between independently seasonally adjusted series does not necessarily produce series which are optimal or even adequate adjustments of the similarly derived original series. Thus the figures which can be derived by subtracting seasonally adjusted private sector dwelling units from the seasonally adjusted total should not be used to represent seasonally adjusted public sector dwelling units.

19. Seasonal adjustment may be carried out by various methods and the results may vary slightly according to the procedure adopted. Accordingly, seasonally adjusted statistics should not be regarded as in any way definitive. In interpreting particular seasonally adjusted statistics it is important to bear in mind the methods by which they have been derived and the limitations to which the methods used are subject.

20. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series may be more clearly recognised. Seasonal adjustment procedures do not aim to remove the irregular or non-seasonal influences which may be present in any particular month, such as the effect of the approval of large projects or as a consequence of the administrative arrangements of approving authorities. Irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

21. The seasonally adjusted series can, however, be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate. There are a number of ways of accomplishing this, depending on the intended uses of the trend estimate. If importance is attached to measuring the underlying change in the most recent periods, moving averages employing appropriate weighting patterns should be adopted; the choice of averaging technique will determine in part the degree of smoothness of the derived series. For example, a 23-term moving average will generally even out more of the short term fluctuation in a series (and therefore appear 'smoother') than will a 13-term moving average. However, the longer the term of the moving average the longer the time series affected by revisions resulting from more recent data. In order to ensure that the underlying trend-cycle of a series is reflected in the trend estimate, the degree of smoothness alone cannot always be used as the sole criterion in determining which moving average is appropriate.

22. Trend estimates of dwelling unit statistics are shown in Table 3. The trend estimates (often referred to as trend-cycle estimates) have been derived by applying a 13-term Henderson-weighted moving average to the series.

23. While this technique enables trend estimates for the latest period to be produced, it does result in revisions to the trend estimates for the most recent months as additional observations become available. There may also be revisions as a result of changes in the original data, and as a result of the re-estimation of the seasonal factors. Details of other trend-cycle weighting patterns can be

found in *A Guide to Smoothing Time Series - Estimates of Trend* (1316.0).

Estimates at constant prices

24. The base year of constant price estimates of building approvals, contained in this issue, has been changed to 1989-90.

25. Periodic rebasing of constant price estimates is necessary to take account of changed price relativities and structural relationships in the economy. The choice of the base year influences the movement in the constant price series and the usefulness of such series is diminished if the relative price weights of the base year differ significantly from the price relationships in the other periods included in the series. The more remote a base year is from the current period, the less likely that its relative prices will reflect the current situation.

26. A more detailed discussion of the need for rebasing constant price estimates and factors affecting the choice of base year is contained in the information paper *Change in Base Year of Constant Price Estimates from 1984-85 to 1989-90* (5227.0) released on 10 December 1992.

27. Estimates of the quarterly value of building approvals at average 1989-90 prices are presented in Table 4. (Note: monthly value data at constant prices are not available).

28. 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 in this publication are derived from the same price data underlying the deflators compiled for the dwellings and non-dwelling construction components of the national accounts aggregate 'Gross fixed capital expenditure'.

29. Estimates at constant prices are subject to a number of approximations and assumptions. Further information on the nature and concepts of constant price estimates is contained in Chapter 4 of *Australian National Accounts: Concepts, Sources and Methods* (5216.0).

Australian Standard Geographical Classification

30. Area statistics are classified according to the Australian Standard Geographical Classification. Figures previously published for local government areas and statistical divisions are directly comparable with this classification except for the cities of Perth, Fremantle and

Stirling which are obtained by aggregating the component statistical local areas.

Unpublished data and related publications

31. The ABS also makes available certain building approvals data which are not published. Where it is not practicable to provide the required information by telephone, data can be provided in the following forms: microfiche, photocopy, computer printout and clerically extracted tabulation. A charge may be made for providing unpublished information in these forms.

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

| WESTERN AUSTRALIA | Catalogue No. |
|--|----------------------|
| Building Approvals - Private Sector, Perth Statistical Division (monthly) | 8732.5 |
| Building Activity (quarterly) | 8752.5 |
| Dwelling Unit Commencements (monthly) | 8741.5 |
| AUSTRALIA | |
| Building Approvals (monthly) | 8731.0 |
| Building Activity (quarterly) | 8752.0 |
| Engineering Construction Survey (quarterly) | 8762.0 |
| Housing Finance for Owner Occupation: Australia | 5609.0 |

33. All publications produced by the ABS are listed in *Catalogue of Publications and Products* (1101.0) which is available from any ABS Office.

Symbols and other usages

34. The following symbols, where shown in columns of figures or elsewhere in tables, mean:

- nil, or rounded to zero
- r figure or series revised since previous issue.

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

P. C. KELLY
Deputy Commonwealth Statistician
and Government Statistician





found in *A Guide to Smoothing Time Series - Estimates of Trend* (1316.0).

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Perth City Council Re-structure

31. From July 1994, Perth City Council has been split. Although there are still five SLA's, only two retain the same boundaries. The new Town of Shepperton comprises the whole of the SLA previously known as

Perth(C) South. The City of Perth is now comprised of two SLAs: Perth(C) Inner and Perth(C) Remainder. Perth(C) Inner boundaries have not changed. Perth(C) Remainder comprises the majority of Perth(C) Outer. The new Town of Vincent comprises the major part of Perth(C) North and a small part of Perth(C) Outer. The new Town of Cambridge comprises the remainder of Perth(C) North as well as all of Perth(C) Wembley-Coastal. For maps showing the new SLA boundaries, please contact the relevant councils.

Unpublished data and related publications

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| AUSTRALIA | |
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| Engineering Construction Survey (quarterly) | 8762.0 |
| Housing Finance for Owner Occupation: Australia | 5609.0 |

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Symbols and other usages

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- nil, or rounded to zero
- r figure or series revised since previous issue.

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

P.C.KELLY
Deputy Commonwealth Statistician
and Government Statistician

