## CONSTRUCTION WORK DONE

EMBARGO: 11.30AM (CANBERRA TIME) WED 30 AUG 2006

## KEY FIGURES

|  | Jun qtr 06 |
| :--- | ---: | ---: | ---: |
| \$m |  | | Mar qtr 06 to |
| ---: |
| Jun qtr 06 |
| \% change | | Jun qtr 05 to |
| ---: |
| Jun qtr 06 |
| \% change |

## SEASONALLY ADJUSTED ESTIMATES(a)

Value of work done

| Building | 14973.8 | 3.9 | -0.7 |
| :--- | ---: | ---: | ---: |
| $\quad$ Residential | 9140.2 | 2.7 | -6.4 |
| $\quad$ Non-residential | 5833.5 | 5.8 | 9.7 |
| Engineering | 10609.0 | 3.1 | 20.0 |
| Total construction | $\mathbf{2 5} 582.7$ | $\mathbf{3 . 6}$ | $\mathbf{6 . 9}$ |

(a) Reference year for Chain Volume Measures is 2004-05.

## KEY POINTS

## VALUE OF CONSTRUCTION WORK DONE, VOLUME TERMS

## TREND ESTIMATES

- The trend estimate for building work done rose $0.6 \%$ in the June quarter 2006. Residential building fell $1.0 \%$ while non-residential rose $2.8 \%$.
- Engineering work done rose $2.2 \%$ in the latest quarter.
- Total construction work done rose $1.5 \%$ in the latest quarter.


## SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of building work done rose $3.9 \%$ in the June quarter 2006, to $\$ 14,973.8 \mathrm{~m}$. Residential building rose $2.7 \%$, to $\$ 9,140.2 \mathrm{~m}$. Non-residential building rose $5.8 \%$, to $\$ 5,833.5 \mathrm{~m}$.
- Engineering work done rose $3.1 \%$, to $\$ 10,609.0 \mathrm{~m}$, in the June quarter 2006, the highest level on record. Work done for the private sector rose $5.5 \%$, to $\$ 6,359.2 \mathrm{~m}$. Work done for the public sector fell $0.3 \%$, to $\$ 4,249.8 \mathrm{~m}$.
- Total construction work done rose $3.6 \%$, to $\$ 25,582.7 \mathrm{~m}$, in the latest quarter.

ABOUT THIS ISSUE

CHANGES IN THIS ISSUE

DATA NOTES

ISSUE (Quarter)
September 2006
December 2006

RELEASE DATE
29 November 2006
28 February 2007

This publication provides an early indication of trends in building and engineering construction activity. The data are estimates based on a response rate of approximately $80 \%$ of the value of both building and engineering work done during the quarter. More comprehensive and updated results will be released in Building Activity, Australia (cat. no. 8752.0) on 13 October 2006 and in Engineering Construction Activity, Australia (cat. no. 8762.0) on 12 October 2006.

A new base year, 2004-05, has been introduced into the chain volume estimates which has resulted in revisions to growth rates in subsequent periods. In addition, the chain volume estimates have been re-referenced to 2004-05, thereby preserving additivity in the quarters after the reference year. Re-referencing affects the levels of, but not the movements in, chain volume estimates.

As foreshadowed in the March 2006 issue of Construction Work Done, Australia, Preliminary (cat. no. 8755.0), this issue includes revised data for many Building Construction series going back as far as the September Quarter 2000. Engineering Construction series are unaffected.

The revisions are relatively small at the Australian level, however are more significant for some lower level series.

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Susan Linacre
Acting Australian Statistician
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## TREND PERCENTAGE CHANGE

TOTAL CONSTRUCTION


## ENGINEERING



RESIDENTIAL


NON-RESIDENTIAL


The total value of construction work done has risen for the last seven quarters.

Engineering construction work done has increased for twenty one successive quarters.

Total building work done is now showing a small rise after three quarters of decline.

Residential building work done is now
showing falls for the last eight quarters.

Non-residential work done has risen in the last seven quarters.

## CHAIN VOLUME MEASURES—TREND ESTIMATES

## NEW SOUTH WALES

VICTORIA

QUEENSLAND
WESTERN AUSTRALIA

SOUTH AUSTRALIA
TASMANIA

NORTHERN TERRITORY
AUSTRALIAN CAPITAL TERRITORY


Break in NT trend series from March 2002

Construction work done in both New
South Wales and Victoria has fallen for the last three quarters.

Construction work done has grown in Queensland for the last twelve quarters. Construction work done in Western Australia has grown for the last ten quarters.

Construction work done in South Australia has risen marginally in the latest quarter, after four quarters of decline. In Tasmania, construction work done has grown for the last thirteen quarters.

Construction work done in the Northern Territory is now showing four quarters of decline. The Australian Capital Territory is now showing growth for the past six quarters.

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Private | Public | Total | Private | Public | Total | Private | Public | Total |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
|  | ORIGINAL |  |  |  |  |  |  |  |  |
| 2003-04 | 53194.5 | 4836.2 | 58032.3 | 16714.0 | 12131.8 | 28846.3 | 69873.0 | 16952.4 | 86817.1 |
| 2004-05 | 53627.4 | 4972.3 | 58599.8 | 19214.3 | 13823.2 | 33037.5 | 72841.7 | 18795.6 | 91637.3 |
| 2005-06 | 53416.2 | 5474.6 | 58890.8 | 24381.8 | 16132.0 | 40513.8 | 77798.0 | 21606.6 | 99404.6 |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 12072.3 | 1112.2 | 13184.6 | 4912.1 | 3261.7 | 8172.6 | 16993.3 | 4375.3 | 21367.1 |
| Jun Qtr | 13787.5 | 1403.8 | 15189.7 | 5189.8 | 4099.7 | 9290.6 | 18980.2 | 5504.2 | 24486.0 |
| Sep Qtr | 14165.1 | 1347.4 | 15512.5 | 5822.5 | 3420.6 | 9243.1 | 19987.6 | 4767.9 | 24755.5 |
| Dec Qtr | 13682.5 | 1326.6 | 15009.1 | 6603.7 | 3841.6 | 10445.3 | 20286.2 | 5168.2 | 25454.4 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 11983.6 | 1278.6 | 13262.3 | 5673.5 | 4013.8 | 9687.3 | 17657.1 | 5292.4 | 22949.5 |
| Jun Qtr | 13584.9 | 1521.9 | 15106.9 | 6282.2 | 4856.1 | 11138.2 | 19867.1 | 6378.0 | 26245.1 |
|  | SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 13067.9 | 1235.0 | 14302.6 | 5205.4 | 3455.3 | 8659.9 | 18282.6 | 4692.1 | 22972.7 |
| Jun Qtr | 13739.9 | 1341.0 | 15080.0 | 5238.6 | 3600.6 | 8838.7 | 18982.7 | 4941.9 | 23923.1 |
| Sep Qtr | 13699.7 | 1311.5 | 15011.1 | 5729.0 | 3715.5 | 9444.5 | 19428.7 | 5027.0 | 24455.6 |
| Dec Qtr | 13199.2 | 1298.4 | 14497.5 | 6264.2 | 3906.1 | 10170.3 | 19463.5 | 5204.5 | 24667.9 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 12993.2 | 1415.0 | 14408.3 | 6029.3 | 4260.7 | 10290.0 | 19022.5 | 5675.7 | 24698.4 |
| Jun Qtr | 13524.0 | 1449.7 | 14973.8 | 6359.2 | 4249.8 | 10609.0 | 19883.3 | 5699.4 | 25582.7 |
| TREND |  |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 13403.0 | 1263.3 | 14666.0 | 4995.0 | 3457.8 | 8452.4 | 18401.9 | 4721.1 | 23122.2 |
| Jun Qtr | 13550.5 | 1297.9 | 14847.9 | 5408.6 | 3560.7 | 8968.7 | 18963.9 | 4859.0 | 23821.5 |
| Sep Qtr | 13509.4 | 1314.7 | 14823.7 | 5760.0 | 3747.6 | 9507.5 | 19271.5 | 5062.7 | 24333.5 |
| Dec Qtr | 13336.8 | 1343.1 | 14678.7 | 6024.7 | 3958.7 | 9979.9 | 19359.8 | 5299.7 | 24651.8 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 13213.6 | 1387.9 | 14600.9 | 6210.6 | 4153.4 | 10362.7 | 19423.2 | 5540.5 | 24960.5 |
| Jun Qtr | 13243.8 | 1433.8 | 14692.7 | 6307.5 | 4259.8 | 10590.9 | 19561.7 | 5703.7 | 25330.0 |

(a) Chain volume measures, reference year 2004-05. See paragraphs 25-28 of the Explanatory Notes.

(a) Chain volume measures, reference year 2004-05. See paragraphs 25-28 of the Explanatory Notes.

|  | BUILDING WORK DONE |  |  | ENGINEERING WORK DONE |  |  | CONSTRUCTION WORK DONE |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Private | Public | Total | Private | Public | Total | Private | Public | Total |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
|  | ORIGINAL |  |  |  |  |  |  |  |  |
| 2003-04 | 49383.4 | 4407.0 | 53790.4 | 15837.1 | 11569.9 | 27407.0 | 65220.5 | 15976.9 | 81197.3 |
| 2004-05 | 53627.4 | 4972.3 | 58599.8 | 19214.2 | 13823.2 | 33037.4 | 72841.6 | 18795.6 | 91637.2 |
| 2005-06 | 56256.3 | 5853.5 | 62109.8 | 25647.2 | 17100.9 | 42748.0 | 81903.5 | 22954.3 | 104857.8 |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 12207.2 | 1124.8 | 13332.0 | 4945.2 | 3270.8 | 8216.0 | 17152.4 | 4395.6 | 21548.0 |
| Jun Qtr | 14134.8 | 1447.1 | 15581.9 | 5285.7 | 4188.5 | 9474.2 | 19420.5 | 5635.7 | 25056.1 |
| Sep Qtr | 14683.0 | 1410.3 | 16093.3 | 5991.2 | 3542.6 | 9533.7 | 20674.2 | 4952.9 | 25627.0 |
| Dec Qtr | 14348.0 | 1409.1 | 15757.1 | 6868.7 | 4024.1 | 10892.7 | 21216.7 | 5433.1 | 26649.8 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 12693.0 | 1373.1 | 14066.2 | 5957.4 | 4255.5 | 10212.9 | 18650.4 | 5628.7 | 24279.1 |
| Jun Qtr | 14532.3 | 1661.0 | 16193.2 | 6830.0 | 5278.7 | 12108.7 | 21362.2 | 6939.7 | 28301.9 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 13202.0 | 1247.8 | 14449.8 | 5255.0 | 3466.6 | 8721.5 | 18456.9 | 4714.4 | 23171.3 |
| Jun Qtr | 14070.6 | 1381.5 | 15452.0 | 5346.8 | 3675.5 | 9022.3 | 19417.4 | 5056.9 | 24474.3 |
| Sep Qtr | 14188.2 | 1372.7 | 15561.0 | 5899.1 | 3838.8 | 9737.9 | 20087.3 | 5211.6 | 25298.9 |
| Dec Qtr | 13831.1 | 1379.9 | 15211.0 | 6514.3 | 4077.2 | 10591.5 | 20345.4 | 5457.1 | 25802.5 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 13753.0 | 1521.5 | 15274.5 | 6325.9 | 4496.7 | 10822.7 | 20079.0 | 6018.2 | 26097.1 |
| Jun Qtr | 14457.3 | 1584.6 | 16041.8 | 6906.2 | 4595.3 | 11501.6 | 21363.5 | 6179.9 | 27543.4 |
| TREND |  |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 13618.6 | 1276.5 | 14895.1 | 5037.5 | 3475.6 | 8513.1 | 18656.0 | 4752.1 | 23408.1 |
| Jun Qtr | 13942.2 | 1336.4 | 15278.6 | 5517.9 | 3629.8 | 9147.7 | 19460.1 | 4966.2 | 24426.3 |
| Sep Qtr | 14011.8 | 1375.7 | 15387.5 | 5925.2 | 3866.7 | 9791.9 | 19937.0 | 5242.4 | 25179.4 |
| Dec Qtr | 13958.3 | 1425.3 | 15383.6 | 6269.3 | 4131.8 | 10401.1 | 20227.6 | 5557.1 | 25784.7 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 13987.7 | 1494.9 | 15482.6 | 6565.4 | 4399.7 | 10965.1 | 20553.1 | 5894.6 | 26447.7 |
| Jun Qtr | 14158.7 | 1576.6 | 15735.3 | 6782.7 | 4613.2 | 11395.9 | 20941.4 | 6189.8 | 27131.2 |


|  | BUILDING WORK DONE |  |  | ENGINEERING WORK DONE |  |  | CONSTRUCTION WORK DONE |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Private | Public | Total | Private | Public | Total | Private | Public | Total |
| Period | \% | \% | \% | \% | \% | \% | \% | \% | \% |
|  |  |  |  | ORIGIN |  |  |  |  |  |
| 2003-04 | 15.0 | 3.6 | 14.0 | 19.2 | 1.1 | 10.8 | 16.0 | 1.8 | 12.9 |
| 2004-05 | 8.6 | 12.8 | 8.9 | 21.3 | 19.5 | 20.5 | 11.7 | 17.6 | 12.9 |
| 2005-06 | 4.9 | 17.7 | 6.0 | 33.5 | 23.7 | 29.4 | 12.4 | 22.1 | 14.4 |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -11.8 | -9.2 | -11.6 | 3.3 | 1.1 | 2.4 | -7.9 | -1.8 | -6.7 |
| Jun Qtr | 15.8 | 28.7 | 16.9 | 6.9 | 28.1 | 15.3 | 13.2 | 28.2 | 16.3 |
| Sep Qtr | 3.9 | -2.5 | 3.3 | 13.3 | -15.4 | 0.6 | 6.5 | -12.1 | 2.3 |
| Dec Qtr | -2.3 | -0.1 | -2.1 | 14.6 | 13.6 | 14.3 | 2.6 | 9.7 | 4.0 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -11.5 | -2.5 | -10.7 | -13.3 | 5.8 | -6.2 | -12.1 | 3.6 | -8.9 |
| Jun Qtr | 14.5 | 21.0 | 15.1 | 14.6 | 24.0 | 18.6 | 14.5 | 23.3 | 16.6 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -1.1 | 2.9 | -0.8 | 15.6 | 6.1 | 11.6 | 3.1 | 5.2 | 3.5 |
| Jun Qtr | 6.6 | 10.7 | 6.9 | 1.7 | 6.0 | 3.4 | 5.2 | 7.3 | 5.6 |
| Sep Qtr | 0.8 | -0.6 | 0.7 | 10.3 | 4.4 | 7.9 | 3.5 | 3.1 | 3.4 |
| Dec Qtr | -2.5 | 0.5 | -2.2 | 10.4 | 6.2 | 8.8 | 1.3 | 4.7 | 2.0 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -0.6 | 10.3 | 0.4 | -2.9 | 10.3 | 2.2 | -1.3 | 10.3 | 1.1 |
| Jun Qtr | 5.1 | 4.1 | 5.0 | 9.2 | 2.2 | 6.3 | 6.4 | 2.7 | 5.5 |
| TREND |  |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 2.7 | 6.6 | 3.0 | 9.6 | 3.4 | 7.0 | 4.4 | 4.2 | 4.4 |
| Jun Qtr | 2.4 | 4.7 | 2.6 | 9.5 | 4.4 | 7.5 | 4.3 | 4.5 | 4.3 |
| Sep Qtr | 0.5 | 2.9 | 0.7 | 7.4 | 6.5 | 7.0 | 2.5 | 5.6 | 3.1 |
| Dec Qtr | -0.4 | 3.6 | - | 5.8 | 6.9 | 6.2 | 1.5 | 6.0 | 2.4 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 0.2 | 4.9 | 0.6 | 4.7 | 6.5 | 5.4 | 1.6 | 6.1 | 2.6 |
| Jun Qtr | 1.2 | 5.5 | 1.6 | 3.3 | 4.9 | 3.9 | 1.9 | 5.0 | 2.6 |


|  | NEW RESIDENTIAL BUILDING |  | ALTERATIONS AND ADDITIONS |  | RESIDENTIAL BUILDING |  | NON-RESIDENTIAL BUILDING |  | TOTAL BUILDING |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Private | Total | Private | Total | Private | Total | Private | Total | Private | Total |
|  | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
|  | ORIGINAL |  |  |  |  |  |  |  |  |  |
| 2003-04 | 32489.7 | 33054.5 | 5756.2 | 5926.6 | 38245.5 | 38980.6 | 14928.1 | 19031.8 | 53194.5 | 58032.3 |
| 2004-05 | 32186.8 | 32837.5 | 5731.6 | 5914.7 | 37918.4 | 38752.2 | 15709.0 | 19847.6 | 53627.4 | 58599.8 |
| 2005-06 | 30440.4 | 31104.3 | 5510.5 | 5692.6 | 35950.8 | 36796.9 | 17465.4 | 22093.9 | 53416.2 | 58890.8 |
| 2005 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 7284.6 | 7429.3 | 1248.0 | 1287.6 | 8531.9 | 8716.2 | 3540.4 | 4468.4 | 12072.3 | 13184.6 |
| Jun Qtr | 8158.2 | 8346.0 | 1436.2 | 1495.9 | 9594.2 | 9841.8 | 4196.9 | 5352.7 | 13787.5 | 15189.7 |
| Sep Qtr | 8176.8 | 8359.1 | 1469.2 | 1524.0 | 9646.0 | 9883.1 | 4519.1 | 5629.4 | 14165.1 | 15512.5 |
| Dec Qtr | 7718.1 | 7891.3 | 1492.4 | 1536.1 | 9210.4 | 9427.3 | 4472.1 | 5581.8 | 13682.5 | 15009.1 |
| 2006 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 6913.4 | 7061.4 | 1172.7 | 1215.2 | 8086.1 | 8276.6 | 3897.5 | 4985.7 | 11983.6 | 13262.3 |
| Jun Qtr | 7632.2 | 7792.4 | 1376.2 | 1417.4 | 9008.3 | 9209.9 | 4576.6 | 5897.0 | 13584.9 | 15106.9 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 7786.9 | 7949.0 | 1382.1 | 1424.5 | 9169.0 | 9373.3 | 3901.1 | 4931.9 | 13067.9 | 14302.6 |
| Jun Qtr | 8089.2 | 8279.6 | 1439.1 | 1488.4 | 9528.3 | 9768.0 | 4215.9 | 5316.8 | 13739.9 | 15080.0 |
| Sep Qtr | 7953.9 | 8128.5 | 1424.8 | 1479.1 | 9378.7 | 9607.5 | 4321.0 | 5403.6 | 13699.7 | 15011.1 |
| Dec Qtr | 7537.4 | 7697.3 | 1405.1 | 1455.2 | 8942.5 | 9152.5 | 4256.7 | 5345.0 | 13199.2 | 14497.5 |
| 2006 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 7383.9 | 7550.2 | 1302.1 | 1346.5 | 8686.0 | 8896.7 | 4307.2 | 5511.7 | 12993.2 | 14408.3 |
| Jun Qtr | 7565.2 | 7728.4 | 1378.4 | 1411.8 | 8943.6 | 9140.2 | 4580.4 | 5833.5 | 13524.0 | 14973.8 |
| TREND |  |  |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 7975.7 | 8145.9 | 1415.2 | 1462.2 | 9390.9 | 9608.1 | 4014.8 | 5060.8 | 13403.0 | 14666.0 |
| Jun Qtr | 7955.5 | 8133.5 | 1421.7 | 1471.3 | 9377.2 | 9604.7 | 4176.4 | 5246.6 | 13550.5 | 14847.9 |
| Sep Qtr | 7846.1 | 8021.5 | 1415.7 | 1467.5 | 9261.8 | 9489.0 | 4248.9 | 5336.2 | 13509.4 | 14823.7 |
| Dec Qtr | 7644.1 | 7812.0 | 1385.8 | 1435.4 | 9030.1 | 9247.6 | 4307.6 | 5433.3 | 13336.8 | 14678.7 |
| 2006 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 7483.3 | 7646.2 | 1355.1 | 1398.5 | 8838.6 | 9044.9 | 4375.0 | 5556.8 | 13213.6 | 14600.9 |
| Jun Qtr | 7419.6 | 7582.0 | 1343.0 | 1379.6 | 8759.4 | 8957.5 | 4479.2 | 5714.7 | 13243.8 | 14692.7 |

(a) Chain volume measures, reference year 2004-05. See paragraphs 25-28 of the Explanatory Notes.

|  | NEW <br> RESIDENTIAL <br> BUILDING |  | ALTERATIONS <br> AND <br> ADDITIONS |  | RESIDENTIAL BUILDING |  | NON- <br> RESIDENTIAL <br> BUILDING |  | TOTAL BUILDING |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | Private | Total | Private | Total | Private | Total | Private | Total | Private | Total |
| Period | \% | \% | \% | \% | \% | \% | \% | \% | \% | \% |
| ORIGINAL |  |  |  |  |  |  |  |  |  |  |
| 2003-04 | 5.1 | 5.1 | 12.8 | 11.6 | 6.2 | 6.1 | 9.5 | 6.2 | 7.1 | 6.1 |
| 2004-05 | -0.9 | -0.7 | -0.4 | -0.2 | -0.9 | -0.6 | 5.2 | 4.3 | 0.8 | 1.0 |
| 2005-06 | -5.4 | -5.3 | -3.9 | -3.8 | -5.2 | -5.0 | 11.2 | 11.3 | -0.4 | 0.5 |
| 2005 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -11.5 | -11.6 | -18.1 | -17.8 | -12.5 | -12.6 | -15.9 | -14.9 | -13.5 | -13.3 |
| Jun Qtr | 12.0 | 12.3 | 15.1 | 16.2 | 12.5 | 12.9 | 18.5 | 19.8 | 14.2 | 15.2 |
| Sep Qtr | 0.2 | 0.2 | 2.3 | 1.9 | 0.5 | 0.4 | 7.7 | 5.2 | 2.7 | 2.1 |
| Dec Qtr | -5.6 | -5.6 | 1.6 | 0.8 | -4.5 | -4.6 | -1.0 | -0.8 | -3.4 | -3.2 |
| 2006 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -10.4 | -10.5 | -21.4 | -20.9 | -12.2 | -12.2 | -12.8 | -10.7 | -12.4 | -11.6 |
| Jun Qtr | 10.4 | 10.4 | 17.3 | 16.6 | 11.4 | 11.3 | 17.4 | 18.3 | 13.4 | 13.9 |

## SEASONALLY ADJUSTED

## 2005

| Mar Qtr | -3.1 | -3.0 | -3.6 | -4.0 | -3.2 | -3.1 | -2.7 | -2.0 | -3.0 | -2.7 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Jun Qtr | 3.9 | 4.2 | 4.1 | 4.5 | 3.9 | 4.2 | 8.1 | 7.8 | 5.1 | 5.4 |
| Sep Qtr | -1.7 | -1.8 | -1.0 | -0.6 | -1.6 | -1.6 | 2.5 | 1.6 | -0.3 | -0.5 |
| Dec Qtr | -5.2 | -5.3 | -1.4 | -1.6 | -4.7 | -4.7 | -1.5 | -1.1 | -3.7 | -3.4 |
| $\mathbf{2 0 0 6}$ |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -2.0 | -1.9 | -7.3 | -7.5 | -2.9 | -2.8 | 1.2 | 3.1 | -1.6 | -0.6 |
| Jun Qtr | 2.5 | 2.4 | 5.9 | 4.9 | 3.0 | 2.7 | 6.3 | 5.8 | 4.1 | 3.9 |

TREND


VALUE OF BUILDING WORK DONE, Current prices

|  | NEW RESIDENTIAL BUILDING |  | ALTERATIONS AND ADDITIONS |  | RESIDENTIAL BUILDING |  | NON-RESIDENTIAL BUILDING |  | TOTAL BUILDING |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Private | Total | Private | Total | Private | Total | Private | Total | Private | Total |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
|  | ORIGINAL |  |  |  |  |  |  |  |  |  |
| 2003-04 | 30368.8 | 30891.8 | 5472.5 | 5634.6 | 35841.3 | 36526.3 | 13542.1 | 17264.1 | 49383.4 | 53790.4 |
| 2004-05 | 32186.8 | 32837.5 | 5731.6 | 5914.7 | 37918.4 | 38752.2 | 15709.0 | 19847.6 | 53627.4 | 58599.8 |
| 2005-06 | 31997.9 | 32707.6 | 5715.8 | 5905.9 | 37713.7 | 38613.4 | 18542.6 | 23496.4 | 56256.3 | 62109.8 |
| 2005 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 7366.7 | 7512.9 | 1258.6 | 1298.5 | 8625.3 | 8811.4 | 3581.9 | 4520.6 | 12207.2 | 13332.0 |
| Jun Qtr | 8348.6 | 8541.4 | 1461.2 | 1521.8 | 9809.9 | 10063.2 | 4324.9 | 5518.7 | 14134.8 | 15581.9 |
| Sep Qtr | 8455.0 | 8645.5 | 1507.9 | 1564.2 | 9963.0 | 10209.7 | 4720.0 | 5883.6 | 14683.0 | 16093.3 |
| Dec Qtr | 8078.0 | 8262.6 | 1545.4 | 1591.2 | 9623.4 | 9853.8 | 4724.6 | 5903.3 | 14348.0 | 15757.1 |
| 2006 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 7313.0 | 7472.1 | 1221.4 | 1265.7 | 8534.4 | 8737.8 | 4158.6 | 5328.3 | 12693.0 | 14066.2 |
| Jun Qtr | 8151.9 | 8327.4 | 1441.1 | 1484.8 | 9592.9 | 9812.2 | 4939.3 | 6381.1 | 14532.3 | 16193.2 |

## seasonally adjusted

| 2005 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mar Qtr | 7863.7 | 8028.3 | 1392.1 | 1434.7 | 9255.8 | 9462.9 | 3946.1 | 4986.9 | 13202.0 | 14449.8 |
| Jun Qtr | 8265.7 | 8461.7 | 1461.9 | 1512.1 | 9727.5 | 9973.8 | 4343.0 | 5478.3 | 14070.6 | 15452.0 |
| Sep Qtr | 8216.8 | 8399.4 | 1459.5 | 1515.8 | 9676.3 | 9915.2 | 4511.9 | 5645.8 | 14188.2 | 15561.0 |
| Dec Qtr | 7883.5 | 8053.9 | 1452.2 | 1505.5 | 9335.7 | 9559.4 | 4495.4 | 5651.6 | 13831.1 | 15211.0 |
| 2006 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 7805.9 | 7984.6 | 1353.5 | 1400.7 | 9159.4 | 9385.3 | 4593.6 | 5889.2 | 13753.0 | 15274.5 |
| Jun Qtr | 8075.8 | 8254.4 | 1440.6 | 1477.0 | 9516.4 | 9731.4 | 4940.9 | 6310.5 | 14457.3 | 16041.8 |
| TREND |  |  |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 8119.4 | 8291.8 | 1436.7 | 1483.7 | 9556.0 | 9775.6 | 4062.5 | 5119.5 | 13618.6 | 14895.1 |
| Jun Qtr | 8187.9 | 8371.3 | 1454.3 | 1504.9 | 9642.2 | 9876.2 | 4300.0 | 5402.4 | 13942.2 | 15278.6 |
| Sep Qtr | 8123.2 | 8306.7 | 1452.8 | 1506.7 | 9576.0 | 9813.4 | 4435.7 | 5574.1 | 14011.8 | 15387.5 |
| Dec Qtr | 7981.4 | 8159.6 | 1429.5 | 1481.9 | 9410.9 | 9641.6 | 4547.4 | 5742.1 | 13958.3 | 15383.6 |
| 2006 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 7909.4 | 8085.0 | 1408.7 | 1455.1 | 9318.1 | 9540.2 | 4669.6 | 5942.4 | 13987.7 | 15482.6 |
| Jun Qtr | 7924.2 | 8101.5 | 1401.3 | 1440.4 | 9325.5 | 9541.9 | 4833.2 | 6193.4 | 14158.7 | 15735.3 |



| ORIGINAL |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2003-04 | 13.1 | 13.2 | 19.4 | 18.2 | 14.0 | 13.9 | 17.7 | 14.2 | 15.0 | 14.0 |
| 2004-05 | 6.0 | 6.3 | 4.7 | 5.0 | 5.8 | 6.1 | 16.0 | 15.0 | 8.6 | 8.9 |
| 2005-06 | -0.6 | -0.4 | -0.3 | -0.2 | -0.5 | -0.4 | 18.0 | 18.4 | 4.9 | 6.0 |
| 2005 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -9.7 | -9.8 | -17.0 | -16.7 | -10.8 | -10.9 | -14.1 | -13.0 | -11.8 | -11.6 |
| Jun Qtr | 13.3 | 13.7 | 16.1 | 17.2 | 13.7 | 14.2 | 20.7 | 22.1 | 15.8 | 16.9 |
| Sep Qtr | 1.3 | 1.2 | 3.2 | 2.8 | 1.6 | 1.5 | 9.1 | 6.6 | 3.9 | 3.3 |
| Dec Qtr | -4.5 | -4.4 | 2.5 | 1.7 | -3.4 | -3.5 | 0.1 | 0.3 | -2.3 | -2.1 |
| 2006 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -9.5 | -9.6 | -21.0 | -20.5 | -11.3 | -11.3 | -12.0 | -9.7 | -11.5 | -10.7 |
| Jun Qtr | 11.5 | 11.4 | 18.0 | 17.3 | 12.4 | 12.3 | 18.8 | 19.8 | 14.5 | 15.1 |

## SEASONALLY ADJUSTED

## 2005

| Mar Qtr | -1.2 | -1.1 | -2.3 | -2.7 | -1.4 | -1.3 | -0.6 | 0.2 | -1.1 | -0.8 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Jun Qtr | 5.1 | 5.4 | 5.0 | 5.4 | 5.1 | 5.4 | 10.1 | 9.9 | 6.6 | 6.9 |
| Sep Qtr | -0.6 | -0.7 | -0.2 | 0.2 | -0.5 | -0.6 | 3.9 | 3.1 | 0.8 | 0.7 |
| Dec Qtr | -4.1 | -4.1 | -0.5 | -0.7 | -3.5 | -3.6 | -0.4 | 0.1 | -2.5 | -2.2 |
| $\mathbf{2 0 0 6}$ |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -1.0 | -0.9 | -6.8 | -7.0 | -1.9 | -1.8 | 2.2 | 4.2 | -0.6 | 0.4 |
| Jun Qtr | 3.5 | 3.4 | 6.4 | 5.4 | 3.9 | 3.7 | 7.6 | 7.2 | 5.1 | 5.0 |

## TREND

|  |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\mathbf{2 0 0 5}$ |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 1.2 | 1.4 | 0.2 | 0.4 | 1.1 | 1.3 | 6.7 | 6.5 | 2.7 | 3.0 |
| Jun Qtr | 0.8 | 1.0 | 1.2 | 1.4 | 0.9 | 1.0 | 5.8 | 5.5 | 2.4 | 2.6 |
| Sep Qtr | -0.8 | -0.8 | -0.1 | 0.1 | -0.7 | -0.6 | 3.2 | 3.2 | 0.5 | 0.7 |
| Dec Qtr | -1.7 | -1.8 | -1.6 | -1.6 | -1.7 | -1.8 | 2.5 | 3.0 | -0.4 | - |
| 2006 |  |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -0.9 | -0.9 | -1.5 | -1.8 | -1.0 | -1.1 | 2.7 | 3.5 | 0.2 | 0.6 |
| Jun Qtr | 0.2 | 0.2 | -0.5 | -1.0 | 0.1 | - | 3.5 | 4.2 | 1.2 | 1.6 |

[^0]|  | NSW | Vic. | Qld | SA | WA | Tas. | NT | ACT | Aust. |
| ---: | ---: | ---: | ---: | :--- | :--- | :--- | :--- | :--- | ---: |
| Period | $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ | $\$ m$ |

## BUILDING WORK DONE

| $\mathbf{2 0 0 3 - 0 4}$ | 18641.8 | 16200.4 | 12609.6 | 3030.4 | 5326.5 | 774.6 | 443.1 | 997.9 | $\mathbf{5 8} \mathbf{0 3 2 . 3}$ |
| :--- | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2 0 0 4 - 0 5}$ | 17630.6 | 16313.3 | 13291.9 | 3373.0 | 5637.1 | 858.0 | 519.0 | 976.8 | $\mathbf{5 8} \mathbf{5 9 9 . 8}$ |
| 2005-06 | 16733.2 | 15959.1 | 13809.0 | 3341.5 | 6160.2 | 910.0 | 587.0 | 1390.8 | $\mathbf{5 8} \mathbf{8 9 0 . 8}$ |
| $\mathbf{2 0 0 5}$ |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 3941.5 | 3543.1 | 2998.8 | 756.8 | 1404.4 | 185.2 | 132.5 | 229.4 | $\mathbf{1 3} \mathbf{1 8 4 . 6}$ |
| Jun Qtr | 4438.5 | 4263.3 | 3457.3 | 915.9 | 1429.8 | 256.4 | 145.6 | 281.5 | $\mathbf{1 5} \mathbf{1 8 9 . 7}$ |
| Sep Qtr | 4479.4 | 4421.7 | 3591.8 | 849.0 | 1491.3 | 250.3 | 133.4 | 295.6 | $\mathbf{1 5} \mathbf{5 1 2 . 5}$ |
| Dec Qtr | 4190.4 | 4125.1 | 3647.3 | 824.1 | 1540.8 | 215.0 | 161.4 | 304.9 | $\mathbf{1 5} \mathbf{0 0 9 . 1}$ |
| $\mathbf{2 0 0 6}$ |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 3848.6 | 3396.0 | 3058.3 | 810.7 | 1459.1 | 211.1 | 124.1 | 354.3 | $\mathbf{1 3} \mathbf{2 6 2 . 3}$ |
| Jun Qtr | 4214.8 | 4016.3 | 3511.6 | 857.7 | 1669.0 | 233.5 | 168.0 | 436.0 | $\mathbf{1 5} \mathbf{1 0 6 . 9}$ |

ENGINEERING WORK DONE

| $\mathbf{2 0 0 3 - 0 4}$ | 8292.9 | 5187.8 | 5860.8 | 1859.5 | 5155.7 | 514.0 | 1720.3 | 253.6 | $\mathbf{2 8} \mathbf{8 4 6 . 3}$ |
| :--- | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | ---: |
| $\mathbf{2 0 0 4 - 0 5}$ | 9340.4 | 5911.3 | 7083.7 | 1965.1 | 6162.3 | 596.2 | 1731.1 | 247.3 | $\mathbf{3 3} \mathbf{0 3 7 . 5}$ |
| $\mathbf{2 0 0 5 - 0 6}$ | 10049.0 | 7026.5 | 8960.8 | 1711.0 | 9954.9 | 776.8 | 1769.9 | 264.9 | $\mathbf{4 0} \mathbf{5 1 3 . 8}$ |
| $\mathbf{2 0 0 5}$ |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 2191.2 | 1565.8 | 1687.6 | 437.0 | 1650.0 | 166.2 | 425.2 | 48.8 | $\mathbf{8 1 7 2 . 6}$ |
| Jun Qtr | 2797.7 | 1690.8 | 1880.5 | 540.1 | 1624.9 | 158.3 | 532.3 | 65.0 | $\mathbf{9 2 9 0 . 6}$ |
| Sep Qtr | 2602.9 | 1551.6 | 2056.1 | 409.9 | 1936.7 | 124.0 | 508.8 | 53.2 | $\mathbf{9 2 4 3 . 1}$ |
| Dec Qtr | 2623.7 | 1967.1 | 2117.4 | 469.4 | 2572.9 | 175.1 | 459.5 | 60.1 | $\mathbf{1 0 4 4 5 . 3}$ |
| $\mathbf{2 0 0 6}$ |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 2242.8 | 1757.3 | 2255.9 | 389.3 | 2298.2 | 237.3 | 431.1 | 75.4 | $\mathbf{9 6 8 7 . 3}$ |
| Jun Qtr | 2579.6 | 1750.6 | 2531.4 | 442.4 | 3147.2 | 240.5 | 370.5 | 76.1 | $\mathbf{1 1} \mathbf{1 3 8 . 2}$ |


| CONSTRUCTION WORK DONE |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2003-04 | 26878.8 | 21369.8 | 18411.1 | 4886.1 | 10460.6 | 1283.3 | 2166.0 | 1250.5 | 86817.1 |
| 2004-05 | 26971.0 | 22224.6 | 20375.6 | 5338.1 | 11799.4 | 1454.2 | 2250.1 | 1224.1 | 91637.3 |
| 2005-06 | 26782.2 | 22985.6 | 22769.9 | 5052.5 | 16115.1 | 1686.8 | 2356.8 | 1655.7 | 99404.6 |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 6134.6 | 5112.5 | 4689.1 | 1193.9 | 3056.8 | 352.2 | 557.4 | 278.0 | 21367.1 |
| Jun Qtr | 7243.1 | 5957.6 | 5339.1 | 1456.5 | 3056.7 | 415.0 | 679.0 | 346.5 | 24486.0 |
| Sep Qtr | 7082.2 | 5973.3 | 5647.9 | 1258.9 | 3428.0 | 374.3 | 642.1 | 348.8 | 24755.5 |
| Dec Qtr | 6814.2 | 6092.2 | 5764.7 | 1293.5 | 4113.7 | 390.1 | 621.0 | 365.1 | 25454.4 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 6091.3 | 5153.3 | 5314.2 | 1200.0 | 3757.3 | 448.4 | 555.2 | 429.7 | 22949.5 |
| Jun Qtr | 6794.5 | 5766.8 | 6043.0 | 1300.1 | 4816.1 | 473.9 | 538.5 | 512.1 | 26245.1 |

(a) Chain volume measures, reference year 2004-05. See paragraphs 25-28 of the Explanatory Notes.

|  | NSW | Vic. | Qld | SA | WA | Tas. | NT | ACT | Aust. |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Period | $\%$ | $\%$ | $\%$ | $\%$ | $\%$ | $\%$ | $\%$ | $\%$ | $\%$ |

## BUILDING WORK DONE

| 2003-04 | 2.5 | 3.6 | 15.9 | 13.3 | 2.5 | 31.6 | 6.1 | -4.5 | $\mathbf{6 . 1}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2004-05 | -5.4 | 0.7 | 5.4 | 11.3 | 5.8 | 10.8 | 17.1 | -2.1 | $\mathbf{1 . 0}$ |
| 2005-06 | -5.1 | -2.2 | 3.9 | -0.9 | 9.3 | 6.1 | 13.1 | 42.4 | $\mathbf{0 . 5}$ |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -14.4 | -18.3 | -12.4 | -13.5 | -0.2 | -14.0 | 3.1 | 3.1 | $\mathbf{- 1 3 . 3}$ |
| Jun Qtr | 12.6 | 20.3 | 15.3 | 21.0 | 1.8 | 38.5 | 9.9 | 22.7 | $\mathbf{1 5 . 2}$ |
| Sep Qtr | 0.9 | 3.7 | 3.9 | -7.3 | 4.3 | -2.4 | -8.4 | 5.0 | $\mathbf{2 . 1}$ |
| Dec Qtr | -6.5 | -6.7 | 1.5 | -2.9 | 3.3 | -14.1 | 21.0 | 3.2 | $\mathbf{- 3 . 2}$ |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -8.2 | -17.7 | -16.1 | -1.6 | -5.3 | -1.8 | -23.1 | 16.2 | $\mathbf{- 1 1 . 6}$ |
| Jun Qtr | 9.5 | 18.3 | 14.8 | 5.8 | 14.4 | 10.6 | 35.4 | 23.1 | $\mathbf{1 3 . 9}$ |


| ENGINEERING WORK DONE |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2003-04 | 17.8 | 13.9 | -4.0 | -2.5 | 0.6 | 28.1 | 18.8 | -2.9 | 7.5 |
| 2004-05 | 12.6 | 13.9 | 20.9 | 5.7 | 19.5 | 16.0 | 0.6 | -2.5 | 14.5 |
| 2005-06 | 7.6 | 18.9 | 26.5 | -12.9 | 61.5 | 30.3 | 2.2 | 7.1 | 22.6 |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -2.3 | 10.0 | -6.0 | -16.7 | 10.0 | 29.6 | 0.9 | -16.5 | 1.0 |
| Jun Qtr | 27.7 | 8.0 | 11.4 | 23.6 | -1.5 | -4.8 | 25.2 | 33.2 | 13.7 |
| Sep Qtr | -7.0 | -8.2 | 9.3 | -24.1 | 19.2 | -21.7 | -4.4 | -18.2 | -0.5 |
| Dec Qtr | 0.8 | 26.8 | 3.0 | 14.5 | 32.8 | 41.2 | -9.7 | 13.1 | 13.0 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -14.5 | -10.7 | 6.5 | -17.1 | -10.7 | 35.5 | -6.2 | 25.4 | -7.3 |
| Jun Qtr | 15.0 | -0.4 | 12.2 | 13.6 | 36.9 | 1.3 | -14.1 | 0.9 | 15.0 |

CONSTRUCTION WORK DONE

| 2003-04 | 7.0 | 6.0 | 8.3 | 6.7 | 1.6 | 30.4 | 16.1 | -4.0 | $\mathbf{6 . 6}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2004-05 | 0.3 | 4.0 | 10.7 | 9.2 | 12.8 | 13.3 | 3.9 | -2.1 | $\mathbf{5 . 6}$ |
| 2005-06 | -0.7 | 3.4 | 11.8 | -5.4 | 36.6 | 16.0 | 4.7 | 35.3 | $\mathbf{8 . 5}$ |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -10.4 | -11.2 | -10.1 | -14.6 | 5.2 | 2.7 | 1.5 | -1.0 | $\mathbf{- 8 . 3}$ |
| Jun Qtr | 18.1 | 16.5 | 13.9 | 22.0 | - | 17.8 | 21.8 | 24.6 | $\mathbf{1 4 . 6}$ |
| Sep Qtr | -2.2 | 0.3 | 5.8 | -13.6 | 12.1 | -9.8 | -5.4 | 0.7 | $\mathbf{1 . 1}$ |
| Dec Qtr | -3.8 | 2.0 | 2.1 | 2.7 | 20.0 | 4.2 | -3.3 | 4.7 | $\mathbf{2 . 8}$ |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -10.6 | -15.4 | -7.8 | -7.2 | -8.7 | 14.9 | -10.6 | 17.7 | $\mathbf{- 9 . 8}$ |
| Jun Qtr | 11.5 | 11.9 | 13.7 | 8.3 | 28.2 | 5.7 | -3.0 | 19.2 | $\mathbf{1 4 . 4}$ |

[^1]|  | NSW | Vic. | Qld | SA | WA | Tas. | NT | ACT | Aust. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ | $\$ \mathrm{~m}$ |  | $\$ \mathrm{~m}$ |

## BUILDING WORK DONE

| $\mathbf{2 0 0 3 - 0 4}$ | 17233.7 | 15310.7 | 11500.0 | 2888.8 | 4801.4 | 710.7 | 401.1 | 943.9 | $\mathbf{5 3} \mathbf{7 9 0 . 4}$ |
| :--- | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2 0 0 4 - 0 5}$ | 17630.6 | 16313.3 | 13291.9 | 3373.0 | 5637.1 | 858.0 | 519.0 | 976.8 | $\mathbf{5 8} \mathbf{5 9 9 . 8}$ |
| 2005-06 | 17345.3 | 16278.2 | 14833.3 | 3511.5 | 7008.1 | 965.7 | 657.1 | 1510.6 | $\mathbf{6 2} \mathbf{1 0 9 . 8}$ |
| $\mathbf{2 0 0 5}$ |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 3985.1 | 3572.9 | 3030.4 | 762.9 | 1427.0 | 188.4 | 133.7 | 231.6 | $\mathbf{1 3} \mathbf{3 3 2 . 0}$ |
| Jun Qtr | 4547.0 | 4321.5 | 3568.4 | 937.1 | 1500.5 | 263.6 | 152.6 | 291.3 | $\mathbf{1 5 5 8 1 . 9}$ |
| Sep Qtr | 4606.5 | 4506.6 | 3768.9 | 880.0 | 1613.9 | 261.8 | 144.3 | 311.2 | $\mathbf{1 6} \mathbf{0 9 3 . 3}$ |
| Dec Qtr | 4333.9 | 4213.4 | 3890.9 | 863.5 | 1723.3 | 226.9 | 178.5 | 326.7 | $\mathbf{1 5} \mathbf{7 5 7 . 1}$ |
| $\mathbf{2 0 0 6}$ |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 3999.1 | 3461.9 | 3311.0 | 856.6 | 1684.9 | 225.3 | 140.1 | 387.3 | $\mathbf{1 4 0 6 6 . 2}$ |
| Jun Qtr | 4405.8 | 4096.3 | 3862.4 | 911.4 | 1986.0 | 251.6 | 194.2 | 485.4 | $\mathbf{1 6} \mathbf{1 9 3 . 2}$ |

ENGINEERING WORK DONE

| $\mathbf{2 0 0 3 - 0 4}$ | 7888.2 | 4983.3 | 5539.9 | 1764.7 | 4880.6 | 485.5 | 1619.8 | 244.9 | $\mathbf{2 7} \mathbf{4 0 7 . 0}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\mathbf{2 0 0 4 - 0 5}$ | 9340.4 | 5911.3 | 7083.7 | 1965.1 | 6162.3 | 596.2 | 1731.1 | 247.3 | $\mathbf{3 3} \mathbf{0 3 7 . 4}$ |
| 2005-06 | 10565.9 | 7363.1 | 9534.2 | 1807.3 | 10502.4 | 849.6 | 1847.6 | 277.9 | $\mathbf{4 2} \mathbf{7 4 8 . 0}$ |
| $\mathbf{2 0 0 5}$ |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 2198.6 | 1571.8 | 1698.2 | 439.1 | 1663.7 | 167.5 | 428.3 | 48.8 | $\mathbf{8 2 1 6 . 0}$ |
| Jun Qtr | 2853.1 | 1714.8 | 1924.3 | 552.4 | 1659.3 | 162.7 | 541.4 | 66.3 | $\mathbf{9 4 7 4 . 2}$ |
| Sep Qtr | 2681.8 | 1593.6 | 2132.7 | 425.7 | 1994.7 | 130.1 | 520.5 | 54.5 | $\mathbf{9 5 3 3 . 7}$ |
| Dec Qtr | 2733.7 | 2040.4 | 2225.0 | 491.6 | 2677.5 | 186.2 | 476.2 | 62.2 | $\mathbf{1 0 8 9 2 . 7}$ |
| $\mathbf{2 0 0 6}$ |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 2364.1 | 1842.1 | 2395.8 | 410.3 | 2413.5 | 258.5 | 449.7 | 78.9 | $\mathbf{1 0 2 1 2 . 9}$ |
| Jun Qtr | 2786.2 | 1887.0 | 2780.7 | 479.7 | 3416.8 | 274.8 | 401.2 | 82.3 | $\mathbf{1 2} \mathbf{1 0 8 . 7}$ |


| CONSTRUCTION WORK DONE |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2003-04 | 25121.9 | 20294.1 | 17040.0 | 4653.6 | 9682.1 | 1196.2 | 2020.9 | 1188.7 | 81197.3 |
| 2004-05 | 26971.0 | 22224.6 | 20375.6 | 5338.1 | 11799.4 | 1454.2 | 2250.1 | 1224.1 | 91637.2 |
| 2005-06 | 27911.2 | 23641.3 | 24367.4 | 5318.9 | 17510.5 | 1815.3 | 2504.7 | 1788.5 | 104857.8 |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 6183.7 | 5144.7 | 4728.6 | 1202.0 | 3090.7 | 355.9 | 562.0 | 280.4 | 21548.0 |
| Jun Qtr | 7400.0 | 6036.3 | 5492.7 | 1489.5 | 3159.8 | 426.2 | 694.0 | 357.5 | 25056.1 |
| Sep Qtr | 7288.4 | 6100.2 | 5901.6 | 1305.7 | 3608.6 | 392.0 | 664.9 | 365.7 | 25627.0 |
| Dec Qtr | 7067.6 | 6253.7 | 6115.8 | 1355.1 | 4400.8 | 413.1 | 654.7 | 388.9 | 26649.8 |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | 6363.2 | 5304.0 | 5706.8 | 1266.9 | 4098.4 | 483.8 | 589.8 | 466.2 | 24279.1 |
| Jun Qtr | 7192.0 | 5983.3 | 6643.1 | 1391.2 | 5402.8 | 526.4 | 595.4 | 567.7 | 28301.9 |

CONSTRUCTION WORK DONE, States and territories-Current prices-Change from previous period: Original
Period NSW Vic. Qld SA WA Tas. NT ACT Aust.

BUILDING WORK DONE

| 2003-04 | 10.4 | 9.0 | 28.3 | 18.5 | 10.7 | 41.0 | 9.5 | 3.1 | $\mathbf{1 4 . 0}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2004-05 | 2.3 | 6.5 | 15.6 | 16.8 | 17.4 | 20.7 | 29.4 | 3.5 | $\mathbf{8 . 9}$ |
| 2005-06 | -1.6 | -0.2 | 11.6 | 4.1 | 24.3 | 12.6 | 26.6 | 54.6 | $\mathbf{6 . 0}$ |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -12.8 | -17.4 | -10.4 | -11.8 | 3.3 | -11.5 | 6.2 | 6.2 | $\mathbf{- 1 1 . 6}$ |
| Jun Qtr | 14.1 | 21.0 | 17.8 | 22.8 | 5.1 | 39.9 | 14.1 | 25.8 | $\mathbf{1 6 . 9}$ |
| Sep Qtr | 1.3 | 4.3 | 5.6 | -6.1 | 7.6 | -0.7 | -5.4 | 6.8 | $\mathbf{3 . 3}$ |
| Dec Qtr | -5.9 | -6.5 | 3.2 | -1.9 | 6.8 | -13.3 | 23.6 | 5.0 | $\mathbf{- 2 . 1}$ |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -7.7 | -17.8 | -14.9 | -0.8 | -2.2 | -0.7 | -21.5 | 18.5 | $\mathbf{- 1 0 . 7}$ |
| Jun Qtr | 10.2 | 18.3 | 16.7 | 6.4 | 17.9 | 11.7 | 38.7 | 25.3 | $\mathbf{1 5 . 1}$ |

ENGINEERING WORK DONE

| 2003-04 | 21.7 | 17.4 | -0.3 | -0.1 | 3.1 | 33.4 | 21.6 | 0.1 | $\mathbf{1 0 . 8}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2004-05 | 18.4 | 18.6 | 27.9 | 11.4 | 26.3 | 22.8 | 6.9 | 1.0 | $\mathbf{2 0 . 5}$ |
| 2005-06 | 13.1 | 24.6 | 34.6 | -8.0 | 70.4 | 42.5 | 6.7 | 12.4 | $\mathbf{2 9 . 4}$ |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -1.1 | 11.0 | -4.4 | -15.7 | 12.1 | 32.6 | 2.7 | -16.0 | $\mathbf{2 . 4}$ |
| Jun Qtr | 29.8 | 9.1 | 13.3 | 25.8 | -0.3 | -2.9 | 26.4 | 35.7 | $\mathbf{1 5 . 3}$ |
| Sep Qtr | -6.0 | -7.1 | 10.8 | -22.9 | 20.2 | -20.0 | -3.9 | -17.8 | $\mathbf{0 . 6}$ |
| Dec Qtr | 1.9 | 28.0 | 4.3 | 15.5 | 34.2 | 43.1 | -8.5 | 14.1 | $\mathbf{1 4 . 3}$ |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -13.5 | -9.7 | 7.7 | -16.5 | -9.9 | 38.8 | -5.6 | 27.0 | $\mathbf{- 6 . 2}$ |
| Jun Qtr | 17.9 | 2.4 | 16.1 | 16.9 | 41.6 | 6.3 | -10.8 | 4.2 | $\mathbf{1 8 . 6}$ |

CONSTRUCTION WORK DONE

| 2003-04 | 13.7 | 10.9 | 17.3 | 10.7 | 6.7 | 37.8 | 19.0 | 2.4 | $\mathbf{1 2 . 9}$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 2004-05 | 7.4 | 9.5 | 19.6 | 14.7 | 21.9 | 21.6 | 11.3 | 3.0 | $\mathbf{1 2 . 9}$ |
| 2005-06 | 3.5 | 6.4 | 19.6 | -0.4 | 48.4 | 24.8 | 11.3 | 46.1 | $\mathbf{1 4 . 4}$ |
| 2005 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -9.0 | -10.4 | -8.4 | -13.2 | 7.9 | 4.9 | 3.5 | 1.5 | $\mathbf{- 6 . 7}$ |
| Jun Qtr | 19.7 | 17.3 | 16.2 | 23.9 | 2.2 | 19.8 | 23.5 | 27.5 | $\mathbf{1 6 . 3}$ |
| Sep Qtr | -1.5 | 1.1 | 7.4 | -12.3 | 14.2 | -8.0 | -4.2 | 2.3 | $\mathbf{2 . 3}$ |
| Dec Qtr | -3.0 | 2.5 | 3.6 | 3.8 | 22.0 | 5.4 | -1.5 | 6.3 | $\mathbf{4 . 0}$ |
| 2006 |  |  |  |  |  |  |  |  |  |
| Mar Qtr | -10.0 | -15.2 | -6.7 | -6.5 | -6.9 | 17.1 | -9.9 | 19.9 | $\mathbf{- 8 . 9}$ |
| Jun Qtr | 13.0 | 12.8 | 16.4 | 9.8 | 31.8 | 8.8 | 1.0 | 21.8 | $\mathbf{1 6 . 6}$ |


|  | NSW | Vic. | Qld | SA | WA | Tas. | NT | ACT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| ORIGINAL |  |  |  |  |  |  |  |  |
| 2003-04 | 26878.8 | 21369.8 | 18411.1 | 4886.1 | 10460.6 | 1283.3 | 2166.0 | 1250.5 |
| 2004-05 | 26971.0 | 22224.6 | 20375.6 | 5338.1 | 11799.4 | 1454.2 | 2250.1 | 1224.1 |
| 2005-06 | 26782.2 | 22985.6 | 22769.9 | 5052.5 | 16115.1 | 1686.8 | 2356.8 | 1655.7 |
| 2005 |  |  |  |  |  |  |  |  |
| Mar Qtr | 6134.6 | 5112.5 | 4689.1 | 1193.9 | 3056.8 | 352.2 | 557.4 | 278.0 |
| Jun Qtr | 7243.1 | 5957.6 | 5339.1 | 1456.5 | 3056.7 | 415.0 | 679.0 | 346.5 |
| Sep Qtr | 7082.2 | 5973.3 | 5647.9 | 1258.9 | 3428.0 | 374.3 | 642.1 | 348.8 |
| Dec Qtr | 6814.2 | 6092.2 | 5764.7 | 1293.5 | 4113.7 | 390.1 | 621.0 | 365.1 |
| 2006 |  |  |  |  |  |  |  |  |
| Mar Qtr | 6091.3 | 5153.3 | 5314.2 | 1200.0 | 3757.3 | 448.4 | 555.2 | 429.7 |
| Jun Qtr | 6794.5 | 5766.8 | 6043.0 | 1300.1 | 4816.1 | 473.9 | 538.5 | 512.1 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |
| Mar Qtr | 6559.5 | 5451.3 | 5106.2 | 1268.0 | 3264.5 | 356.5 | 655.2 | 289.8 |
| Jun Qtr | 7001.2 | 5768.0 | 5280.4 | 1403.7 | 2987.3 | 385.3 | 638.9 | 326.1 |
| Sep Qtr | 7067.8 | 5952.9 | 5495.7 | 1281.2 | 3430.8 | 394.3 | 613.7 | 349.1 |
| Dec Qtr | 6656.8 | 5969.3 | 5525.1 | 1247.8 | 3947.9 | 397.8 | 588.5 | 373.9 |
| 2006 |  |  |  |  |  |  |  |  |
| Mar Qtr | 6488.0 | 5485.0 | 5785.7 | 1272.4 | 4050.0 | 453.5 | 616.9 | 442.6 |
| Jun Qtr | 6569.5 | 5578.4 | 5963.3 | 1251.1 | 4686.5 | 441.3 | 537.7 | 490.1 |
| TREND |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |
| Mar Qtr | 6754.0 | 5590.9 | 5135.0 | 1338.8 | 3019.0 | 361.6 | 605.5 | 299.1 |
| Jun Qtr | 6897.8 | 5774.5 | 5278.4 | 1328.4 | 3194.3 | 374.6 | 639.2 | 316.2 |
| Sep Qtr | 6915.8 | 5886.5 | 5436.6 | 1303.8 | 3443.2 | 394.3 | 626.6 | 347.0 |
| Dec Qtr | 6754.8 | 5834.7 | 5598.2 | 1273.2 | 3809.0 | 414.0 | 602.3 | 390.4 |
| 2006 |  |  |  |  |  |  |  |  |
| Mar Qtr | 6572.5 | 5669.7 | 5765.9 | 1253.1 | 4213.4 | 433.3 | 584.6 | 436.5 |
| Jun Qtr | 6478.3 | 5523.8 | 5913.5 | 1256.2 | 4523.2 | 446.3 | 567.5 | 466.2 |

(a) Reference year for Chain Volume Measures is 2004-05. See paragraphs $25-28$ of the Explanatory Notes.

CONSTRUCTION WORK DONE, States and Territories-Chain volume measures-Change from previous period(a)

|  | NSW | Vic. | Qld | SA | WA | Tas. | NT | ACT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | \% | \% | \% | \% | \% | \% | \% | \% |
| ORIGINAL |  |  |  |  |  |  |  |  |
| 2003-04 | 7.0 | 6.0 | 8.3 | 6.7 | 1.6 | 30.4 | 16.1 | -4.0 |
| 2004-05 | 0.3 | 4.0 | 10.7 | 9.2 | 12.8 | 13.3 | 3.9 | -2.1 |
| 2005-06 | -0.7 | 3.4 | 11.8 | -5.4 | 36.6 | 16.0 | 4.7 | 35.3 |
| 2005 |  |  |  |  |  |  |  |  |
| Mar Qtr | -10.4 | -11.2 | -10.1 | -14.6 | 5.2 | 2.7 | 1.5 | -1.0 |
| Jun Qtr | 18.1 | 16.5 | 13.9 | 22.0 | - | 17.8 | 21.8 | 24.6 |
| Sep Qtr | -2.2 | 0.3 | 5.8 | -13.6 | 12.1 | -9.8 | -5.4 | 0.7 |
| Dec Qtr | -3.8 | 2.0 | 2.1 | 2.7 | 20.0 | 4.2 | -3.3 | 4.7 |
| 2006 |  |  |  |  |  |  |  |  |
| Mar Qtr | -10.6 | -15.4 | -7.8 | -7.2 | -8.7 | 14.9 | -10.6 | 17.7 |
| Jun Qtr | 11.5 | 11.9 | 13.7 | 8.3 | 28.2 | 5.7 | -3.0 | 19.2 |
| SEASONALLY ADJUSTED |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |
| Mar Qtr | -1.8 | -3.4 | 2.0 | -6.1 | 17.2 | 4.2 | 27.0 | 1.0 |
| Jun Qtr | 6.7 | 5.8 | 3.4 | 10.7 | -8.5 | 8.1 | -2.5 | 12.5 |
| Sep Qtr | 1.0 | 3.2 | 4.1 | -8.7 | 14.8 | 2.3 | -3.9 | 7.0 |
| Dec Qtr | -5.8 | 0.3 | 0.5 | -2.6 | 15.1 | 0.9 | -4.1 | 7.1 |
| 2006 |  |  |  |  |  |  |  |  |
| Mar Qtr | -2.5 | -8.1 | 4.7 | 2.0 | 2.6 | 14.0 | 4.8 | 18.4 |
| Jun Qtr | 1.3 | 1.7 | 3.1 | -1.7 | 15.7 | -2.7 | -12.8 | 10.8 |
| TREND |  |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |  |
| Mar Qtr | 1.9 | 1.7 | 2.1 | 1.2 | 4.5 | 1.7 | 13.3 | 0.8 |
| Jun Qtr | 2.1 | 3.3 | 2.8 | -0.8 | 5.8 | 3.6 | 5.6 | 5.7 |
| Sep Qtr | 0.3 | 1.9 | 3.0 | -1.9 | 7.8 | 5.3 | -2.0 | 9.7 |
| Dec Qtr | -2.3 | -0.9 | 3.0 | -2.3 | 10.6 | 5.0 | -3.9 | 12.5 |
| 2006 |  |  |  |  |  |  |  |  |
| Mar Qtr | -2.7 | -2.8 | 3.0 | -1.6 | 10.6 | 4.7 | -2.9 | 11.8 |
| Jun Qtr | -1.4 | -2.6 | 2.6 | 0.2 | 7.4 | 3.0 | -2.9 | 6.8 |
| - nil or rounded to zero (including null cells) <br> (a) Reference year for Chain Volume Measures is 2004-05. See paragraphs 25-28 of the Explanatory Notes. |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

WORK IN THE PIPELINE, Current prices-Original

|  | New houses | New other residential building | New <br> residential building | Alterations and additions to residential building | Total residential building | Non-residential building | Total building building |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | \$m | \$m | \$m | \$m | \$m | \$m | \$m |
| WORK YET TO BE DONE AT END OF QUARTER(a) |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |
| Mar Qtr | 6484.1 | 6756.3 | 13240.4 | 1559.1 | 14799.5 | 10087.2 | 24886.8 |
| Jun Qtr | 6579.8 | 6514.8 | 13094.6 | 1481.3 | 14575.9 | 10205.5 | 24781.4 |
| Sep Qtr | 6740.5 | 6550.9 | 13291.3 | 1441.7 | 14733.0 | 10353.2 | 25086.2 |
| Dec Qtr | 6685.8 | 6500.0 | 13185.7 | 1399.3 | 14585.0 | 11187.5 | 25772.5 |
| 2006 |  |  |  |  |  |  |  |
| Mar Qtr | 6864.8 | 6655.8 | 13520.6 | 1567.9 | 15088.5 | 11025.7 | 26114.2 |
| Jun Qtr | 7234.9 | 6705.6 | 13940.5 | 1658.9 | 15599.4 | 11078.8 | 26678.2 |
| WORK APPROVED BUT NOT YET COMMENCED AT END OF QUARTER(a) |  |  |  |  |  |  |  |
| 2005 |  |  |  |  |  |  |  |
| Mar Qtr | 2781.2 | 1966.8 | 4748.0 | 926.4 | 5674.4 | 1610.3 | 7284.7 |
| Jun Qtr | 2666.0 | 2140.2 | 4806.3 | 921.0 | 5727.3 | 1564.5 | 7291.8 |
| Sep Qtr | 2770.2 | 2252.5 | 5022.6 | 920.4 | 5943.0 | 1603.2 | 7546.2 |
| Dec Qtr | 2826.5 | 2384.9 | 5211.4 | 1037.4 | 6248.8 | 1995.9 | 8244.7 |
| 2006 |  |  |  |  |  |  |  |
| Mar Qtr | 2634.4 | 1881.0 | 4515.4 | 836.5 | 5351.8 | 1973.1 | 7325.0 |
| Jun Qtr | 2816.8 | 1643.1 | 4459.9 | 873.5 | 5333.4 | 2209.5 | 7542.9 |

WORK IN THE PIPELINE AT END OF QUARTER(a)
2005

|  |  |  |  |  |  |  |  |
| :---: | ---: | ---: | :--- | :--- | :--- | :--- | :--- |
| Mar Qtr | 9265.3 | 8723.1 | 17988.4 | 2485.5 | 20473.9 | 11697.6 | 32171.5 |
| Jun Qtr | 9245.8 | 8655.0 | 17900.8 | 2402.4 | 20303.2 | 11770.0 | 32073.2 |
| Sep Qtr | 9510.6 | 8803.3 | 18314.0 | 2362.0 | 20676.0 | 11956.4 | 32632.4 |
| Dec Qtr | 9512.2 | 8884.9 | 18397.2 | 2436.7 | 20833.8 | 13183.4 | 34017.2 |
| 2006 |  |  |  |  |  |  |  |
| Mar Qtr | 9499.2 | 8536.8 | 18036.0 | 2404.3 | 20440.3 | 12998.8 | 33439.2 |
| Jun Qtr | 10051.7 | 8348.8 | 18400.4 | 2532.3 | 20932.8 | 13288.3 | 34221.1 |

(a) See Glossary for definitions.


|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\mathbf{2 0 0 5}$ |  |  | NEW OTHER RESIDENTIAL | BUILDING |  |  |  |
| Mar Qtr | 5958 | 1778 | 1365 | 936 | 470 | 578 | $\mathbf{1 1} \mathbf{0 8 6}$ |
| Jun Qtr | 6255 | 1592 | 1716 | 878 | 449 | 268 | $\mathbf{1 1} \mathbf{1 5 8}$ |
| Sep Qtr | 6009 | 1353 | 2116 | 938 | 534 | 256 | $\mathbf{1 1 2 0 5}$ |
| Dec Qtr | 7469 | 1535 | 1717 | 1075 | 552 | 86 | $\mathbf{1 2} \mathbf{4 3 5}$ |
| $\mathbf{2 0 0 6}$ |  |  |  |  |  |  |  |
| Mar Qtr | 6176 | 1109 | 1585 | 860 | 759 | 71 | $\mathbf{1 0 5 5 9}$ |
| Jun Qtr | 6020 | 838 | 1121 | 1239 | 395 | 54 | $\mathbf{9 6 6 6}$ |

TOTAL DWELLINGS (a)

| $\mathbf{2 0 0 5}$ |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Mar Qtr | 10900 | 5306 | 2916 | 3020 | 3071 | 944 | $\mathbf{2 6 1 5 7}$ |
| Jun Qtr | 10559 | 4731 | 3283 | 2567 | 3178 | 669 | $\mathbf{2 4 9 8 8}$ |
| Sep Qtr | 11098 | 4892 | 3389 | 2535 | 2733 | 646 | $\mathbf{2 5} \mathbf{2 9 3}$ |
| Dec Qtr | 12452 | 5099 | 3093 | 2710 | 2962 | 523 | $\mathbf{2 6 8 4 0}$ |
| 2006 |  |  |  |  |  |  |  |
| Mar Qtr | 10597 | 4088 | 3124 | 2329 | 3144 | 421 | $\mathbf{2 3} \mathbf{7 0 2}$ |
| Jun Qtr | 10737 | 4041 | 2778 | 2552 | 2941 | 414 | $\mathbf{2 3} \mathbf{4 6 2}$ |

(a) Includes Conversions etc.

1 This publication contains preliminary estimates of building and engineering construction work done during the current quarter and revised estimates for the previous two quarters. The estimates of building work done and engineering work done are from the quarterly Building Activity Survey and the quarterly Engineering Construction Survey respectively. Estimates of work done are based upon a response from each survey of approximately $80 \%$ of the value of work done during the current quarter. More comprehensive and updated results will be available shortly in Building Activity, Australia (cat. no. 8752.0) and Engineering Construction Activity, Australia (cat. no. 8762.0).

2 The scope of the Building Activity Survey is building activity which includes construction of new buildings and alterations and additions to existing buildings.

3 The building statistics were compiled on the basis of returns collected from builders and other individuals and organisations engaged in building activity. From the September quarter 2005, the quarterly survey consists of:

- a sample survey of private sector building jobs involving residential building jobs valued at $\$ 50,000$ or more and non-residential building jobs valued at $\$ 250,000$ or more
- a complete enumeration of all such public sector building jobs
- statistical estimates based on building approvals for residential building jobs valued at $\$ 10,000$ or more but less than $\$ 50,000$, and non-residential building jobs valued at $\$ 50,000$ or more but less than $\$ 250,000$.

4 The scope of the Engineering Construction Survey is the value of all engineering construction work undertaken in Australia. Where projects include elements of both building and engineering construction every effort is taken to exclude the building component from the engineering construction statistics.

5 In the Engineering Construction Survey, the statistical unit used to represent businesses, and for which statistics are reported, is the Australian Business Number (ABN) unit, in most cases. The ABN unit is the business unit which has registered for an ABN, and thus appears on the Australian Taxation Office (ATO) administered Australian Business Register. This unit is suitable for Australian Bureau of Statistics statistical needs when the business is simple in structure. For more significant and diverse businesses where the ABN unit is not suitable for Australian Bureau of Statistics statistical needs, the statistical unit used is the Type of Activity Unit (TAU). A TAU is comprised of one or more business entities, sub-entities or branches of a business entity within an enterprise group that can report production and employment data for similar economic activities. When a minimum set of data items is available, a TAU is created which covers all the operations within an industry subdivision - and the TAU is classified to the relevant subdivision of the Australian and New Zealand Standard Industrial Classification (ANZSIC). Where a business cannot supply adequate data for each industry, a TAU is formed which contains activity in more than one industry subdivision and the TAU is classified to the predominant ANZSIC subdivision.

6 Further details about the ABS economic statistical units used in the Engineering Construction Survey, and in other ABS economic surveys (both sample surveys and censuses), can be found in Chapter 2 of the Standard Economic Sector Classifications of Australia (SESCA) 2002 (cat. no. 1218.0).

7 Data on the value of work done on the construction of new residential buildings, alterations and additions to residential buildings, private sector non-residential buildings and the value of engineering construction activity are the major sources of data which are used to compile the national accounts estimates for private gross fixed capital formation on dwellings, and other buildings and structures. However, there are some

RELATIONSHIP WITH
NATIONAL ACCOUNTS continued
adjustments to the survey data which are made in the process of compiling these national accounts series. Allowances are made for the value of activity which is out of scope of the Building Activity Survey and the Engineering Construction Survey. Such activity includes work done on projects which fall below the size cut-offs used for the Building Activity survey and also the value of building work done which is undertaken without obtaining a building permit, either because such a permit is not required or because the requisite permit is not obtained. The national accounts estimates also make allowances for purchases (less sales) of buildings and other structures from (to) the public sector.

8 Statistics on the value of work (current prices) show residential building work done on a GST inclusive basis and non-residential work and engineering construction work done on a GST exclusive basis. This approach is consistent with that adopted in the Australian National Accounts which is based on the conceptual framework described in the 1993 edition of the international statistical standard System of National Accounts (SNA93).

9 SNA93 requires value added taxes (VAT), such as the GST, to be recorded on a net basis where:
(a) both outputs of goods and services and imports are valued excluding invoiced VAT
(b) purchases of goods and services are recorded including non-deductible VAT.

10 Under the net system, VAT is recorded as being payable by purchasers, not sellers, and then only by those purchasers who are not able to deduct it. Almost all VAT is therefore recorded in the SNA93 as being paid on final uses - mainly on household consumption. Small amounts of VAT, may however, be paid by businesses in respect of certain kinds of purchases on which VAT may not be deductible.

11 The ABS records value of work done inclusive of GST in respect of residential construction and exclusive of GST in respect of non-residential construction and engineering construction. Purchasers of residential structures are unable to deduct GST from the purchase price. For non-residential structures and engineering construction, the reverse is true in most circumstances.
12 Total construction work is derived by adding total building work and total engineering construction work. To derive total building activity it is appropriate to add the residential and non-residential components. Valuation of the components of the total is consistent, since, for both components, the value of work done is recorded inclusive of non-deductible GST paid by the purchaser. As such, total building activity and total construction includes the non-deductible GST payable on residential building.

13 As estimates for engineering work are provided on a GST exclusive basis, and the majority of construction materials used were exempt from Wholesale Sales Tax, the introduction of the GST had little direct effect on the estimates of engineering construction.

14 Ownership. The ownership of a building is classified as either private sector or public sector, according to the sector of the intended owner of the completed building as evident at the time of approval. Engineering projects are classified as either private sector or public sector according to the expected ownership of the project at the time of completion.

15 Building jobs are classified both by the Type of Building (e.g. 'residential', 'non-residential') and by the Type of Work involved (e.g. 'new' and 'alterations and additions'). These classifications are used in conjunction with each other and are defined in the Glossary.

RELIABILITY OF THE ESTIMATES

16 The estimates of engineering activity are based on a sample survey as are the estimates of private sector building activity. A complete enumeration of public sector building activity is done. Because data are not collected for all engineering jobs nor for all building jobs, the published estimates are subject to sampling variability. Relative standard errors give a measure of this variability and therefore indicate the degree of confidence that can be attached to the data.

17 Relative standard errors for the value of work done in the June quarter 2006 are given below. There is $67 \%$ confidence that the actual value would be within one standard error of the sample estimate, and $95 \%$ confidence that it lies within two standard errors.

| AUSTRALIA |  |
| :--- | ---: |
| ................................................ |  |
|  | $\%$ |
|  |  |
|  |  |
| New private residential building | 0.8 |
| Total private residential building | 0.7 |
| Private non-residential building | 0.8 |
| Total private building | 0.5 |
| Total residential building | 0.7 |
| Total non-residential building | 0.8 |
| Total building | $\mathbf{0 . 5}$ |
| Engineering for the private sector | 1.9 |
| Total engineering | $\mathbf{1 . 3}$ |

STATES AND TERRITORIES

|  | Total <br> building | Total <br> engineering |
| :--- | ---: | ---: |
|  | $\%$ | $\%$ |
| NSW | 1.0 | 2.3 |
| Vic. | 1.0 | 4.2 |
| Qld | 1.1 | 4.1 |
| SA | 1.3 | 2.8 |
| WA | 1.4 | 1.1 |
| Tas. | 1.2 | 2.5 |
| NT | 0.8 | 2.0 |
| ACT | 0.5 | 9.1 |
| .......................... |  |  |

18 In the seasonally adjusted series, account has been taken of normal seasonal factors, 'trading day' effects arising from the varying numbers of working days in a quarter and the effect of movement in the date of Easter which may, in successive years, affect figures for different quarters.

19 Since seasonally adjusted statistics reflect both irregular and trend movements, an upward or downward movement in a seasonally adjusted series does not necessarily indicate a change of trend. Particular care should therefore be taken in interpreting individual quarter-to-quarter movements.

20 From the June quarter 2003, the seasonally adjusted estimates are produced by the concurrent seasonal adjustment method which takes account of the latest available original estimates. The concurrent seasonal adjustment methodology replaces the forward factor methodology previously used, when seasonal factors were only revised following an annual re-analysis. The concurrent method improves the estimation of seasonal factors and, therefore, the seasonally adjusted and trend estimates for the current and previous quarters. As a result, revisions to the seasonally adjusted and trend

SEASONAL ADJUSTMENT
continued

TREND ESTIMATES
estimates will be observed for recent periods. In most instances, the only noticeable revisions will be to the previous quarter and the same quarter of a year earlier.

21 A more detailed review of concurrent seasonal factors will be conducted annually, generally prior to the release of data for the December quarter.

22 Seasonally adjusted series can be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate.

23 The trend estimates are derived by applying a 7 -term Henderson moving average to the seasonally adjusted series. The 7-term Henderson average (like all Henderson averages) is symmetric but, as the end of a time series is approached, asymmetric forms of the average are applied. Unlike weights of the standard 7 -term Henderson moving average, the weights employed here have been tailored to suit the particular characteristics of individual series.
24 While the smoothing technique described in paragraphs 22 and 23 enables trend estimates to be produced for recent quarters, it does result in revisions to the estimates for the most recent three quarters as additional observations become available. There may also be revisions because of changes in the original data. For further information, see Information Paper: A Guide to Interpreting Time Series-Monitoring Trends, 2003 (cat. no. 1349.0) or contact the Assistant Director, Time Series Analysis on Canberra (02) 62526540 or email [timeseries@abs.gov.au](mailto:timeseries@abs.gov.au).

25 Chain volume estimates of the value of work done are presented in original, seasonally adjusted and trend terms.
26 While current price estimates of value of work done reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes. The direct impact of the GST is a price change, and hence is removed from chain volume estimates. 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 new other building components, and the new engineering construction component, of the national accounts aggregate 'Gross fixed capital formation'.
27 The chain volume measures of work done appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 2004-05). The reference year is updated annually in the June quarter publication. Each year's data in the value of work done series are based on the prices of the previous year, except for the quarters of the latest incomplete year which are based upon the current reference year (i.e. 2004-05). Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series. Further information on the nature and concepts of chain volume measures is contained in the ABS Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts (cat. no. 5248.0).

28 The factors used to seasonally adjust the chain volume series are identical to those used to adjust the corresponding current price series.

29 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the Census and Statistics Act 1905.

30 All tables in this publication, plus some additional state and territory series are available in electronic form on the ABS web site [http://www.abs.gov.au](http://www.abs.gov.au).

## EXPLANATORY NOTES continued

RELATED PRODUCTS continu
ABS DATA AVAILABLE ON
REQUEST

## ABBREVIATIONS

31 Users may also wish to refer to the following publications:
Building Activity, Australia, cat. no. 8752.0
Building Approvals, Australia, cat. no. 8731.0
Dwelling Unit Commencements, Australia, Preliminary, cat. no. 8750.0
Engineering Construction Activity, Australia, cat. no. 8762.0
House Price Indexes: Eight Capital Cities, cat. no. 6416.0
Housing Finance for Owner Occupation, Australia, cat. no. 5609.0
Private Sector Construction Industry, Australia, 1996-97, cat. no. 8772.0
Producer Price Indexes, Australia, cat. no. 6427.0.
32 Current publications and other products released by the ABS are listed in the Catalogue of Publications and Products (cat. no. 1101.0). The Catalogue is available from the National Information and Referral Service on 1300135070 or the ABS web site [http://www.abs.gov.au](http://www.abs.gov.au). The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead.

33 As well as the statistics included in this and related publications, the ABS may have other relevant data available on request. Inquiries should be made to the National Information and Referral Service on 1300135070.

[^2]
## APPENDIX LIST OF ELECTRONIC TABLES

ELECTRON\|C The following tables are available electronically via the ABS web site<br>TABLES<br>[http://www.abs.gov.au](http://www.abs.gov.au). Not all series in the table go back to the earliest start date.

WORK DONE

|  | Publication table no. | Electronic table no. | Start date |
| :---: | :---: | :---: | :---: |
| Construction work done, chain volume measures | 1 | 1 | September 1974 |
| Construction work done, chain volume measures, change from previous period | 2 | n.a. |  |
| Construction work done, current prices | 3 | 2 | March 1957 |
| Construction work done, current prices, change from previous period | 4 | n.a. |  |
| Value of building work done, chain volume measures | 5 | 3 | September 1974 |
| Value of building work done, chain volume measures, states and territories, original | 5 | 4 | September 1974 |
| Value of building work done, chain volume measures, states and territories, seasonally adjusted | 5 | 5 | September 1974 |
| Value of building work done, chain volume measures, change from previous period | 6 | n.a. |  |
| Value of building work done, current prices, Australia | 7 | 6 | March 1957 |
| Value of building work done, current prices, states and territories | 7 | 7 | September 1958 |
| Value of building work done, current prices, change from previous period | 8 | n.a |  |
| Construction work done, states and territories, chain volume measures | 9 | 8 | September 1974 |
| Construction work done, states and territories, chain volume measures, change from previous period | 10 | n.a. |  |
| Construction work done, states and territories, current prices, original | 11 | 9 | March 1957 |
| Construction work done, states and territories, current prices, original, change from previous period | 12 | n.a. |  |
| Construction work done, states and territories, chain volume measures | 13 | 10 | September 1986 |
| Construction work done, states and territories, chain volume measures, change from previous period | 14 | n.a. |  |
| Work in the pipeline, Australia, current prices, original | 15 | 11 | June 2003 |
| Work in the pipeline, states and territories, current prices, original | 15 | 12 | June 2003 |
| Number of dwellings approved but not yet commenced, states and territories, original | 16 | 13 | June 2003 |


| Alterations and additions | Building activity carried out on existing buildings. Includes adding to or diminishing <br> floor area, altering the structural design of a building and affixing rigid components <br> which are integral to the functioning of the building. |
| ---: | :--- |
| Alterations and additions to |  |
| residential buildings | Alterations and additions carried out on existing residential buildings, which may result <br> in the creation of new dwelling units. |
| Building | A building is a rigid, fixed and permanent structure which has a roof. Its intended <br> purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An <br> integral feature of a building's design, to satisfy its intended use, is the provision for <br> regular access by persons. |
| Construction work done | The sum of building work done and engineering construction work done. |
| Dwelling unit | A dwelling unit is a self-contained suite of rooms, including cooking and bathing facilities <br> and intended for long-term residential use. Units (whether self-contained or not) within <br> buildings offering institutional care, such as hospitals, or temporary accommodation <br> such as motels, hostels and holiday apartments, are not defined as dwelling units. The |
| value of units of this type is included in non-residential building. |  |

## Work in the pipeline

Work yet to be done

Value of building work that has been approved, but as yet, has not been undertaken. Work in the pipeline has two components. Firstly, there is an estimate of the amount of building work still to be done on projects that have already commenced, 'work yet to be done'. The second component is the building work that has been approved, but had not commenced by the end of the reference period, 'work approved but not yet commenced'. Information on 'work in the pipeline' is available from the June quarter 2003.

The difference between the anticipated completion value of the project and the estimated value of work already done up to the end of the reference period for jobs which have commenced.

## FOR MORE INFORMATION

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## FREE ACCESS TO STATISTICS

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[^0]:    - nil or rounded to zero (including null cells)

[^1]:    - nil or rounded to zero (including null cells)
    (a) Chain volume measures, reference year 2004-05. See paragraphs 25-28 of the Explanatory Notes.

[^2]:    \$m million dollars
    ABN Australian Business Number
    ABS Australian Bureau of Statistics
    ACT Australian Capital Territory
    ANZSIC Australian and New Zealand Standard Industrial Classification
    ATO Australian Taxation Office
    Aust. Australia
    GST goods and services tax
    NSW New South Wales
    NT Northern Territory
    qtr quarter
    Qld Queensland
    SA South Australia
    Tas. Tasmania
    TAU type of activity unit
    VAT value added tax
    Vic. Victoria
    WA Western Australia

