

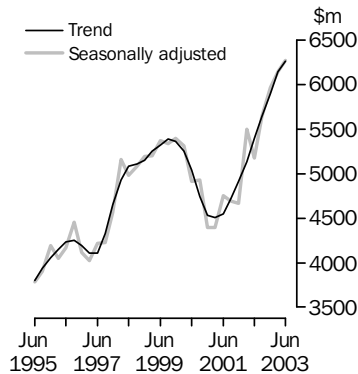
# ENGINEERING CONSTRUCTION ACTIVITY

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) FRI 10 OCT 2003

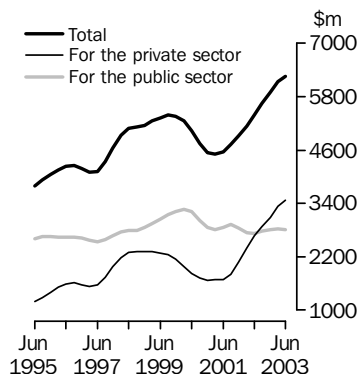
## Value of work done

Total engineering  
Volume terms



## Value of work done

Volume terms  
Trend estimates



## KEY FIGURES

	Jun qtr 03	Mar qtr 03 to Jun qtr 03	Jun qtr 02 to Jun qtr 03
	\$m	% change	% change
<b>TREND ESTIMATES VOLUME TERMS (a)</b>			
<b>Value of work done</b>			
For the private sector	3 474.3	4.4	30.3
For the public sector <sup>(b)</sup>	2 803.1	-0.5	2.7
Total engineering construction	6 262.8	1.9	16.1

## SEASONALLY ADJUSTED VOLUME TERMS (a)

<b>Value of work done</b>			
For the private sector	3 448.4	1.6	37.4
For the public sector <sup>(b)</sup>	2 827.3	2.9	6.2
Total engineering construction	6 275.7	2.2	21.3

(a) Chain volume measures, reference year 2001-02.

(b) Includes work done by the private sector for the public sector and work done by the public sector.

## KEY POINTS

### VALUE OF CONSTRUCTION WORK DONE, VOLUME TERMS

#### TREND ESTIMATES

- The trend estimate for the value of total engineering construction work done rose 1.9% in the June 2003 quarter. This is the ninth consecutive quarterly rise.
- The trend estimate for the value of work done for the private sector rose 4.4% in the June 2003 quarter, the eighth consecutive quarterly rise. Work done for the public sector fell 0.5% in the June 2003 quarter, following a rise of 0.1% in the March 2003 quarter.

#### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for the value of total engineering construction work done in the June 2003 quarter rose 2.2% to \$6,275.7m. This is the highest estimate since the current series began in the September quarter 1986.
- The seasonally adjusted estimate for the value of work done for the private sector rose 1.6% in the June 2003 quarter. The value of work done for the public sector rose 2.9%.

#### ORIGINAL ESTIMATES

- The value of work done in the June 2003 quarter rose 15.3% to \$6,639.4m, following a 6.4% fall in the March quarter 2003. The estimate for the June 2003 quarter is the highest since the current series began in the September quarter 1986.
- The value of work done for the private sector rose 8.1% to \$3,421.1m in the June 2003 quarter, 36.5% higher than the estimate for the June 2002 quarter. The value of work done for the public sector rose 24.2% to \$3,218.2m in the June 2003 quarter, following an 11.2% fall in the March 2003 quarter.

## INQUIRIES

- For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Andrew Stidston on Adelaide (08) 8237 7668.

# NOTES

## FORTHCOMING ISSUES

<i>ISSUE (Quarter)</i>	<i>RELEASE DATE</i>
September 2003	16 January 2004
December 2003	16 April 2004

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## CHANGES IN THIS ISSUE

Quarterly chain volume data incorporate a new base year, 2001-2002, which has resulted in revisions to growth rates, small in most cases, for subsequent periods. In addition, the reference year has been advanced to 2001-2002, thereby preserving additivity in the quarters after the reference year. Re-referencing resulted in revisions to levels, but not growth rates, for all periods.

Seasonally adjusted and trend estimates have been revised as a result of the adoption of new seasonal adjustment methodology. Concurrent seasonal adjustment has replaced forward factor methodology for all seasonally adjusted series in this publication. See paragraphs 16 and 17 of the Explanatory Notes.

## SIGNIFICANT REVISIONS THIS QUARTER

Estimates for 'Roads, highways and subdivisions' have been revised, largely due to work on a project being reclassified from 'private for public' to 'private for private'. This contributed to the following revisions for this commodity group:

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	<i>March 2003 by private for private</i>	<i>March 2003 by private for public</i>
	\$m	\$m
Work commenced	624.5	-604.4
Work done	58.2	-74.7
Work yet to be done	523.2	-535.4

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## DATA NOTES

There are no notes about the data.

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## ABBREVIATIONS

\$m	million dollars
ABN	Australian Business Number
ABS	Australian Bureau of Statistics
ATO	Australian Taxation Office
Aust.	Australia
qtr	quarter
TAU	type of activity unit

Susan Linacre  
Acting Australian Statistician

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## VALUE OF WORK DONE, Chain volume measures(a)

## BY THE PRIVATE SECTOR

Period	For the private sector	For the public sector	Total	By the public sector	Total for the public sector(b)	Total
	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL						
<b>2000-01</b>	6 813.2	4 322.5	11 139.4	7 334.4	11 657.5	<b>18 474.2</b>
<b>2001-02</b>	8 899.0	3 832.5	12 731.5	7 300.6	11 133.1	<b>20 032.1</b>
<b>2002-03</b>	12 773.9	3 991.5	16 765.4	7 272.6	11 264.1	<b>24 038.0</b>
<b>2002</b>						
March	2 616.2	899.7	3 515.3	1 608.1	2 507.8	<b>5 123.2</b>
June	2 506.9	946.0	3 452.7	2 171.5	3 117.4	<b>5 624.4</b>
September	2 955.0	912.7	3 867.8	1 624.3	2 537.0	<b>5 492.1</b>
December	3 232.2	1 099.9	4 332.2	1 818.5	2 918.4	<b>6 150.6</b>
<b>2003</b>						
March	3 165.5	941.9	4 107.4	1 648.5	2 590.4	<b>5 755.9</b>
June	3 421.1	1 037.0	4 458.1	2 181.3	3 218.2	<b>6 639.4</b>

## SEASONALLY ADJUSTED

<b>2002</b>						
March	2 783.9	931.3	3 715.9	1 780.1	2 711.5	<b>5 497.4</b>
June	2 508.9	901.0	3 410.4	1 762.5	2 663.5	<b>5 173.4</b>
September	2 843.4	950.6	3 793.9	1 854.1	2 804.6	<b>5 648.0</b>
December	3 087.5	1 067.0	4 154.5	1 816.8	2 883.7	<b>5 971.2</b>
<b>2003</b>						
March	3 394.6	979.9	4 374.5	1 768.4	2 748.3	<b>6 143.0</b>
June	3 448.4	994.1	4 442.5	1 833.3	2 827.3	<b>6 275.7</b>

## TREND

<b>2002</b>						
March	2 397.6	934.6	3 332.5	1 803.5	2 738.1	<b>5 136.4</b>
June	2 666.4	930.0	3 596.8	1 799.0	2 729.1	<b>5 396.4</b>
September	2 873.0	965.1	3 838.3	1 805.8	2 770.9	<b>5 644.4</b>
December	3 082.7	1 003.7	4 086.0	1 813.2	2 816.8	<b>5 901.1</b>
<b>2003</b>						
March	3 328.0	1 011.7	4 339.4	1 806.8	2 818.5	<b>6 147.3</b>
June	3 474.3	999.4	4 474.3	1 803.7	2 803.1	<b>6 262.8</b>

(a) Reference year for chain volume measures is 2001-02. See paragraphs 22-25 of the Explanatory Notes.

(b) Includes work done by the private sector for the public sector and work done by the public sector.

VALUE OF WORK DONE, Chain volume measures(a)—Change from previous period

BY THE PRIVATE SECTOR

<i>Period</i>	<i>For the private sector</i>	<i>For the public sector</i>	<i>Total</i>	<i>By the public sector</i>	<i>Total for the public sector(b)</i>	<i>Total</i>
	%	%	%	%	%	%

ORIGINAL

<b>2000-01</b>	-16.9	-8.1	-13.7	-9.0	-8.6	<b>-11.9</b>
<b>2001-02</b>	30.6	-11.3	14.3	-0.5	-4.5	<b>8.4</b>
<b>2002-03</b>	43.5	4.1	31.7	-0.4	1.2	<b>20.0</b>
<b>2002</b>						
March	40.1	-13.2	21.0	-15.1	-14.5	<b>6.7</b>
June	-4.2	5.2	-1.8	35.0	24.3	<b>9.8</b>
September	17.9	-3.5	12.0	-25.2	-18.6	<b>-2.4</b>
December	9.4	20.5	12.0	12.0	15.0	<b>12.0</b>
<b>2003</b>						
March	-2.1	-14.4	-5.2	-9.3	-11.2	<b>-6.4</b>
June	8.1	10.1	8.5	32.3	24.2	<b>15.3</b>

SEASONALLY ADJUSTED

<b>2002</b>						
March	57.0	-7.2	33.8	-6.0	-6.4	<b>17.8</b>
June	-9.9	-3.3	-8.2	-1.0	-1.8	<b>-5.9</b>
September	13.3	5.5	11.2	5.2	5.3	<b>9.2</b>
December	8.6	12.2	9.5	-2.0	2.8	<b>5.7</b>
<b>2003</b>						
March	9.9	-8.2	5.3	-2.7	-4.7	<b>2.9</b>
June	1.6	1.4	1.6	3.7	2.9	<b>2.2</b>

TREND

<b>2002</b>						
March	15.7	-4.0	9.4	-3.4	-3.6	<b>4.6</b>
June	11.2	-0.5	7.9	-0.2	-0.3	<b>5.1</b>
September	7.7	3.8	6.7	0.4	1.5	<b>4.6</b>
December	7.3	4.0	6.5	0.4	1.7	<b>4.5</b>
<b>2003</b>						
March	8.0	0.8	6.2	-0.3	0.1	<b>4.2</b>
June	4.4	-1.2	3.1	-0.2	-0.5	<b>1.9</b>

(a) Reference year for chain volume measures is 2001-02. See paragraphs 22-25 of the Explanatory Notes.

(b) Includes work done by the private sector for the public sector and work done by the public sector.

VALUE OF WORK DONE

BY THE PRIVATE SECTOR

<i>Period</i>	<i>For the private sector</i>	<i>For the public sector</i>	<i>Total</i>	<i>By the public sector</i>	<i>Total for the public sector(a)</i>	<i>Total</i>
	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL						
<b>2000-01</b>	6 682.3	4 254.8	10 937.2	7 206.6	11 461.4	<b>18 143.7</b>
<b>2001-02</b>	8 899.0	3 831.7	12 730.7	7 300.6	11 132.3	<b>20 031.3</b>
<b>2002-03</b>	13 140.2	4 111.3	17 251.5	7 409.2	11 520.5	<b>24 660.7</b>
<b>2002</b>						
March	2 611.4	899.2	3 510.7	1 609.5	2 508.8	<b>5 120.2</b>
June	2 526.7	957.2	3 483.9	2 185.7	3 142.9	<b>5 669.6</b>
September	3 016.6	930.7	3 947.3	1 641.7	2 572.4	<b>5 589.0</b>
December	3 315.8	1 131.8	4 447.6	1 848.8	2 980.6	<b>6 296.4</b>
<b>2003</b>						
March	3 247.8	972.9	4 220.7	1 683.2	2 656.1	<b>5 903.8</b>
June	3 560.1	1 075.9	4 635.9	2 235.6	3 311.5	<b>6 871.5</b>

SEASONALLY ADJUSTED

<b>2002</b>						
March	2 805.2	932.9	3 738.1	1 782.0	2 714.9	<b>5 520.1</b>
June	2 549.7	912.6	3 462.3	1 774.0	2 686.6	<b>5 236.3</b>
September	2 917.9	969.8	3 887.7	1 873.4	2 843.2	<b>5 761.1</b>
December	3 176.5	1 096.6	4 273.1	1 846.2	2 942.8	<b>6 119.3</b>
<b>2003</b>						
March	3 487.3	1 009.7	4 497.1	1 804.5	2 814.2	<b>6 301.6</b>
June	3 590.2	1 029.4	4 619.6	1 877.6	2 907.0	<b>6 497.2</b>

TREND

<b>2002</b>						
March	2 421.7	937.1	3 358.7	1 805.9	2 742.9	<b>5 164.6</b>
June	2 711.7	940.7	3 652.5	1 810.0	2 750.7	<b>5 462.5</b>
September	2 939.6	985.2	3 924.8	1 825.7	2 810.9	<b>5 750.5</b>
December	3 167.7	1 029.9	4 197.6	1 841.6	2 871.5	<b>6 039.3</b>
<b>2003</b>						
March	3 433.9	1 043.0	4 476.8	1 843.4	2 886.3	<b>6 320.2</b>
June	3 616.1	1 035.3	4 651.4	1 845.1	2 880.4	<b>6 496.5</b>

(a) Includes work done by the private sector for the public sector and work done by the public sector.

VALUE OF WORK DONE, Change from previous period

BY THE PRIVATE SECTOR

<i>Period</i>	<i>For the private sector</i>	<i>For the public sector</i>	<i>Total</i>	<i>By the public sector</i>	<i>Total for the public sector(a)</i>	<i>Total</i>
	%	%	%	%	%	%

ORIGINAL

<b>2000-01</b>	-14.2	-4.8	-10.8	-5.8	-5.4	<b>-8.9</b>
<b>2001-02</b>	33.2	-9.9	16.4	1.3	-2.9	<b>10.4</b>
<b>2002-03</b>	47.7	7.3	35.5	1.5	3.5	<b>23.1</b>
<b>2002</b>						
March	40.2	-12.6	21.4	-14.8	-14.0	<b>7.1</b>
June	-3.2	6.4	-0.8	35.8	25.3	<b>10.7</b>
September	19.4	-2.8	13.3	-24.9	-18.2	<b>-1.4</b>
December	9.9	21.6	12.7	12.6	15.9	<b>12.7</b>
<b>2003</b>						
March	-2.1	-14.0	-5.1	-9.0	-10.9	<b>-6.2</b>
June	9.6	10.6	9.8	32.8	24.7	<b>16.4</b>

SEASONALLY ADJUSTED

<b>2002</b>						
March	57.2	-6.6	34.3	-5.6	-5.9	<b>18.2</b>
June	-9.1	-2.2	-7.4	-0.4	-1.0	<b>-5.1</b>
September	14.4	6.3	12.3	5.6	5.8	<b>10.0</b>
December	8.9	13.1	9.9	-1.5	3.5	<b>6.2</b>
<b>2003</b>						
March	9.8	-7.9	5.2	-2.3	-4.4	<b>3.0</b>
June	2.9	2.0	2.7	4.0	3.3	<b>3.1</b>

TREND

<b>2002</b>						
March	16.3	-3.6	10.0	-2.2	-2.7	<b>5.4</b>
June	12.0	0.4	8.7	0.2	0.3	<b>5.8</b>
September	8.4	4.7	7.5	0.9	2.2	<b>5.3</b>
December	7.8	4.5	7.0	0.9	2.2	<b>5.0</b>
<b>2003</b>						
March	8.4	1.3	6.7	0.1	0.5	<b>4.7</b>
June	5.3	-0.7	3.9	0.1	-0.2	<b>2.8</b>

(a) Includes work done by the private sector for the public sector and work done by the public sector.

## VALUE OF WORK DONE, States and territories

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL									
<b>2000-01</b>	6 156.5	3 216.4	4 744.4	1 129.5	2 256.6	264.2	168.3	207.9	<b>18 143.7</b>
<b>2001-02</b>	5 597.6	3 389.0	4 627.5	1 417.4	3 119.3	453.8	1 226.7	199.9	<b>20 031.3</b>
<b>2002-03</b>	6 501.6	4 189.9	5 555.9	1 762.6	4 720.2	364.1	1 329.9	236.6	<b>24 660.7</b>
<b>2002</b>									
March	1 163.4	852.5	1 027.7	369.8	701.2	157.3	800.7	^ 47.5	<b>5 120.2</b>
June	1 566.1	976.2	1 305.3	385.5	907.3	188.5	283.1	57.4	<b>5 669.6</b>
September	1 383.4	977.5	1 347.9	316.5	1 015.3	109.9	389.1	49.3	<b>5 589.0</b>
December	1 647.1	1 009.4	1 445.5	495.0	1 192.3	80.2	375.9	^ 51.1	<b>6 296.4</b>
<b>2003</b>									
March	1 582.2	1 014.8	1 373.4	451.8	1 108.3	82.2	233.8	^ 57.4	<b>5 903.8</b>
June	1 888.9	1 188.1	1 389.1	499.1	1 404.4	91.8	331.1	^ 78.8	<b>6 871.5</b>
SEASONALLY ADJUSTED									
<b>2002</b>									
March	1 317.7	845.6	1 127.8	385.0	741.2	146.4	980.9	^ 47.9	<b>5 520.1</b>
June	1 372.4	914.3	1 222.5	346.0	847.6	154.5	325.2	49.2	<b>5 236.3</b>
September	1 452.2	1 031.4	1 356.1	355.8	1 081.1	142.6	353.9	53.5	<b>5 761.1</b>
December	1 626.6	1 032.4	1 408.1	477.6	1 140.2	85.9	308.9	^ 55.3	<b>6 119.3</b>
<b>2003</b>									
March	1 752.2	1 008.3	1 507.4	470.3	1 171.6	76.4	287.8	^ 57.3	<b>6 301.6</b>
June	1 652.9	1 113.0	1 300.4	448.4	1 317.7	75.3	380.2	^ 67.9	<b>6 497.2</b>
TREND									
<b>2002</b>									
March	1 364.1	870.0	1 145.3	355.3	765.0	66.5	68.6	51.2	<b>5 164.6</b>
June	1 374.0	936.8	1 225.3	360.9	872.8	76.2	95.6	51.0	<b>5 462.5</b>
September	1 476.7	989.8	1 345.1	392.3	1 024.9	83.4	158.8	51.5	<b>5 750.5</b>
December	1 606.0	1 027.1	1 416.4	434.9	1 132.0	84.6	242.8	55.5	<b>6 039.3</b>
<b>2003</b>									
March	1 686.1	1 051.0	1 423.6	464.9	1 213.4	80.0	319.1	59.9	<b>6 320.2</b>
June	1 725.4	1 075.6	1 387.5	474.8	1 280.4	74.0	377.8	64.8	<b>6 496.5</b>

^ estimate has a relative standard error of between 10% and 25% and should be used with caution



## VALUE OF WORK DONE, States and territories—Change from previous period

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	%	%	%	%	%	%	%	%	%
ORIGINAL									
<b>2000-01</b>	-1.2	-6.8	-9.1	-20.7	-18.7	4.0	-39.2	-23.8	<b>-8.9</b>
<b>2001-02</b>	-9.1	5.4	-2.5	25.5	38.2	71.7	629.1	-3.9	<b>10.4</b>
<b>2002-03</b>	16.1	23.6	20.1	24.3	51.3	-19.8	8.4	18.4	<b>23.1</b>
<b>2002</b>									
March	-23.8	0.4	-10.3	3.9	-1.3	139.9	992.2	-13.6	<b>7.1</b>
June	34.6	14.5	27.0	4.3	29.4	19.8	-64.6	20.8	<b>10.7</b>
September	-11.7	0.1	3.3	-17.9	11.9	-41.7	37.5	-14.2	<b>-1.4</b>
December	19.1	3.3	7.2	56.4	17.4	-27.1	-3.4	3.6	<b>12.7</b>
<b>2003</b>									
March	-3.9	0.5	-5.0	-8.7	-7.0	2.6	-37.8	12.4	<b>-6.2</b>
June	19.4	17.1	1.1	10.5	26.7	11.6	41.7	37.4	<b>16.4</b>
SEASONALLY ADJUSTED									
<b>2002</b>									
March	-10.5	-2.7	1.3	11.7	9.1	108.3	1 516.0	-19.4	<b>18.2</b>
June	4.1	8.1	8.4	-10.1	14.3	5.6	-66.8	2.7	<b>-5.1</b>
September	5.8	12.8	10.9	2.8	27.5	-7.7	8.8	8.8	<b>10.0</b>
December	12.0	0.1	3.8	34.2	5.5	-39.8	-12.7	3.3	<b>6.2</b>
<b>2003</b>									
March	7.7	-2.3	7.1	-1.5	2.8	-11.0	-6.8	3.6	<b>3.0</b>
June	-5.7	10.4	-13.7	-4.7	12.5	-1.5	32.1	18.5	<b>3.1</b>
TREND									
<b>2002</b>									
March	-3.9	6.1	1.5	-1.2	3.7	5.8	-1.2	0.4	<b>5.4</b>
June	0.7	7.7	7.0	1.6	14.1	14.6	39.2	-0.5	<b>5.8</b>
September	7.5	5.6	9.8	8.7	17.4	9.5	66.2	1.0	<b>5.3</b>
December	8.8	3.8	5.3	10.8	10.5	1.4	52.9	7.8	<b>5.0</b>
<b>2003</b>									
March	5.0	2.3	0.5	6.9	7.2	-5.4	31.4	7.9	<b>4.7</b>
June	2.3	2.3	-2.5	2.1	5.5	-7.5	18.4	8.2	<b>2.8</b>

## ACTIVITY, States and territories: Original

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD									
<b>2000-01</b>	5 655.2	3 271.8	3 810.7	1 239.1	2 504.0	247.2	166.7	186.3	<b>17 081.0</b>
<b>2001-02</b>	5 530.6	3 490.8	5 071.5	1 628.5	4 682.1	484.3	2 227.4	207.9	<b>23 323.2</b>
<b>2002-03</b>	8 986.8	4 781.0	5 586.0	1 589.0	4 615.5	305.3	1 880.6	219.2	<b>27 963.4</b>
<b>2002</b>									
March	1 172.3	768.3	731.5	454.6	729.1	172.2	1 419.2	^ 48.2	<b>5 495.4</b>
June	1 229.2	1 032.7	2 060.8	476.0	1 322.3	70.4	105.8	58.2	<b>6 355.2</b>
September	2 764.2	1 551.9	2 394.8	321.3	1 517.3	99.0	27.5	^ 38.3	<b>8 714.4</b>
December	1 229.8	1 248.9	1 011.2	703.3	723.3	^ 70.6	^ 86.1	^ 48.7	<b>5 121.9</b>
<b>2003</b>									
March	2 007.9	1 023.5	932.0	266.7	741.7	66.1	47.1	^ 66.8	<b>5 151.8</b>
June	2 984.9	956.7	1 248.1	297.7	1 633.1	69.5	1 719.8	^ 65.4	<b>8 975.2</b>
VALUE OF WORK DONE DURING PERIOD									
<b>2000-01</b>	6 156.5	3 216.4	4 744.4	1 129.5	2 256.6	264.2	168.3	207.9	<b>18 143.7</b>
<b>2001-02</b>	5 597.6	3 389.0	4 627.5	1 417.4	3 119.3	453.8	1 226.7	199.9	<b>20 031.3</b>
<b>2002-03</b>	6 501.6	4 189.9	5 555.9	1 762.6	4 720.2	364.1	1 329.9	236.6	<b>24 660.7</b>
<b>2002</b>									
March	1 163.4	852.5	1 027.7	369.8	701.2	157.3	800.7	^ 47.5	<b>5 120.2</b>
June	1 566.1	976.2	1 305.3	385.5	907.3	188.5	283.1	57.4	<b>5 669.6</b>
September	1 383.4	977.5	1 347.9	316.5	1 015.3	109.9	389.1	49.3	<b>5 589.0</b>
December	1 647.1	1 009.4	1 445.5	495.0	1 192.3	80.2	375.9	^ 51.1	<b>6 296.4</b>
<b>2003</b>									
March	1 582.2	1 014.8	1 373.4	451.8	1 108.3	82.2	233.8	^ 57.4	<b>5 903.8</b>
June	1 888.9	1 188.1	1 389.1	499.1	1 404.4	91.8	331.1	^ 78.8	<b>6 871.5</b>
VALUE OF WORK YET TO BE DONE									
<b>2000-01</b>	1 319.3	1 043.6	2 044.1	337.2	994.5	47.9	73.6	16.4	<b>5 876.4</b>
<b>2001-02</b>	1 261.7	1 292.4	2 732.5	606.1	2 546.7	64.6	1 044.0	30.6	<b>9 578.7</b>
<b>2002-03</b>	3 944.2	1 921.5	1 928.6	568.4	2 464.7	32.4	1 852.8	25.9	<b>12 738.4</b>
<b>2002</b>									
March	1 475.7	1 163.4	2 009.8	468.8	2 286.7	174.9	1 226.0	^ 29.0	<b>8 834.3</b>
June	1 261.7	1 292.4	2 732.5	606.1	2 546.7	64.6	1 044.0	30.6	<b>9 578.7</b>
September	2 585.0	1 889.3	3 634.3	654.5	3 099.1	56.5	672.0	27.0	<b>12 617.8</b>
December	2 341.6	2 153.9	3 099.4	935.5	2 665.8	73.6	390.1	22.6	<b>11 682.5</b>
<b>2003</b>									
March	2 716.7	2 191.9	2 099.1	676.5	2 275.8	49.3	460.5	31.3	<b>10 501.1</b>
June	3 944.2	1 921.5	1 928.6	568.4	2 464.7	32.4	1 852.8	25.9	<b>12 738.4</b>

^ estimate has a relative standard error of between 10% and 25% and should be used with caution

ACTIVITY, States and territories—Change from previous period: **Original**

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	%	%	%	%	%	%	%	%	%
.....									
VALUE OF WORK COMMENCED DURING PERIOD									
<b>2000-01</b>	-9.1	-9.3	-33.7	-8.1	-22.0	-5.0	-30.9	-30.1	<b>-18.3</b>
<b>2001-02</b>	-2.2	6.7	33.1	31.4	87.0	95.9	1 236.1	11.6	<b>36.5</b>
<b>2002-03</b>	62.5	37.0	10.1	-2.4	-1.4	-37.0	-15.6	5.4	<b>19.9</b>
<b>2002</b>									
March	-19.8	-7.2	-16.3	49.9	35.2	-1.4	1 999.5	-0.6	<b>27.9</b>
June	4.9	34.4	181.7	4.7	81.3	-59.1	-92.5	20.7	<b>15.6</b>
September	124.9	50.3	16.2	-32.5	14.8	40.6	-74.0	-34.1	<b>37.1</b>
December	-55.5	-19.5	-57.8	118.9	-52.3	-28.6	212.6	27.1	<b>-41.2</b>
<b>2003</b>									
March	63.3	-18.0	-7.8	-62.1	2.5	-6.4	-45.3	37.3	<b>0.6</b>
June	48.7	-6.5	33.9	11.6	120.2	5.2	3 552.8	-2.2	<b>74.2</b>
.....									
VALUE OF WORK DONE DURING PERIOD									
<b>2000-01</b>	-1.2	-6.8	-9.1	-20.7	-18.7	4.0	-39.2	-23.8	<b>-8.9</b>
<b>2001-02</b>	-9.1	5.4	-2.5	25.5	38.2	71.7	629.1	-3.9	<b>10.4</b>
<b>2002-03</b>	16.1	23.6	20.1	24.3	51.3	-19.8	8.4	18.4	<b>23.1</b>
<b>2002</b>									
March	-23.8	0.4	-10.3	3.9	-1.3	139.9	992.2	-13.6	<b>7.1</b>
June	34.6	14.5	27.0	4.3	29.4	19.8	-64.6	20.8	<b>10.7</b>
September	-11.7	0.1	3.3	-17.9	11.9	-41.7	37.5	-14.2	<b>-1.4</b>
December	19.1	3.3	7.2	56.4	17.4	-27.1	-3.4	3.6	<b>12.7</b>
<b>2003</b>									
March	-3.9	0.5	-5.0	-8.7	-7.0	2.6	-37.8	12.4	<b>-6.2</b>
June	19.4	17.1	1.1	10.5	26.7	11.6	41.7	37.4	<b>16.4</b>
.....									
VALUE OF WORK YET TO BE DONE									
<b>2000-01</b>	-38.1	4.5	-14.6	55.7	24.9	10.4	148.3	-72.0	<b>-11.8</b>
<b>2001-02</b>	-4.4	23.8	33.7	79.8	156.1	34.8	1 319.2	87.2	<b>63.0</b>
<b>2002-03</b>	212.6	48.7	-29.4	-6.2	-3.2	-49.9	77.5	-15.5	<b>33.0</b>
<b>2002</b>									
March	-2.7	6.9	0.3	41.1	1.4	9.1	101.0	-11.4	<b>10.4</b>
June	-14.5	11.1	36.0	29.3	11.4	-63.1	-14.8	5.5	<b>8.4</b>
September	104.9	46.2	33.0	8.0	21.7	-12.5	-35.6	-12.0	<b>31.7</b>
December	-9.4	14.0	-14.7	42.9	-14.0	30.2	-42.0	-16.4	<b>-7.4</b>
<b>2003</b>									
March	16.0	1.8	-32.3	-27.7	-14.6	-33.0	18.0	38.8	<b>-10.1</b>
June	45.2	-12.3	-8.1	-16.0	8.3	-34.4	302.4	-17.3	<b>21.3</b>

ACTIVITY, By type: **Original**

Period	Roads, highways and subdivisions	Bridges	Railways	Harbours	Water storage and supply	Sewerage and drainage	Electricity generation, transmission and distribution	Pipelines	Recreation
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD									
<b>2000-01</b>	4 662.0	235.4	648.1	193.1	700.5	772.3	2 198.6	251.3	979.4
<b>2001-02</b>	4 968.0	349.5	1 111.0	392.0	574.2	827.2	3 082.8	1 281.2	1 089.3
<b>2002-03</b>	8 096.3	270.2	2 225.3	379.5	806.2	1 099.1	2 417.2	846.1	1 473.7
<b>2002</b>									
March	1 202.5	^ 55.3	48.4	^ 159.8	^ 126.9	149.4	744.9	109.8	260.8
June	1 149.3	^ 68.5	66.4	58.5	^ 165.4	^ 128.3	722.4	944.7	^ 300.0
September	1 494.0	117.5	1 963.0	148.5	^ 216.6	464.5	833.1	101.5	^ 439.1
December	1 535.4	44.9	71.8	^ 50.3	^ 180.6	^ 154.6	522.9	513.0	^ 341.3
<b>2003</b>									
March	2 132.5	54.4	79.3	^ 59.8	^ 198.4	^ 166.0	514.7	^ 66.3	^ 349.3
June	2 934.4	^ 53.4	111.2	^ 120.9	^ 210.6	314.0	546.4	165.3	^ 344.1
VALUE OF WORK DONE DURING PERIOD									
<b>2000-01</b>	5 266.4	331.3	608.1	198.5	626.1	978.2	3 002.4	287.4	1 010.9
<b>2001-02</b>	5 179.7	326.3	867.2	320.1	592.8	729.6	3 121.4	547.9	1 141.4
<b>2002-03</b>	6 279.5	310.5	1 287.4	299.2	643.7	967.0	3 233.1	934.2	1 382.1
<b>2002</b>									
March	1 238.5	^ 74.5	210.9	^ 70.8	136.3	184.5	677.6	152.6	278.1
June	1 414.3	^ 100.1	296.7	76.1	161.0	205.8	811.3	295.8	^ 323.8
September	1 255.8	^ 81.8	270.6	^ 96.6	125.2	206.3	792.6	215.5	^ 364.3
December	1 702.0	82.7	371.8	^ 69.5	147.3	220.7	849.4	247.2	^ 358.0
<b>2003</b>									
March	1 571.4	76.0	314.9	70.9	153.1	230.6	753.4	222.6	^ 297.7
June	1 750.3	70.0	330.1	^ 62.2	218.1	309.4	837.7	248.8	^ 362.1
VALUE OF WORK YET TO BE DONE DURING PERIOD									
<b>2000-01</b>	1 623.1	91.1	377.7	53.1	464.4	252.8	1 114.6	22.3	108.3
<b>2001-02</b>	1 275.7	115.1	611.5	140.9	398.7	346.7	1 371.0	832.4	88.6
<b>2002-03</b>	3 180.9	88.8	1 553.8	206.8	451.1	484.5	674.8	748.9	135.2
<b>2002</b>									
March	1 686.3	146.4	838.7	165.0	397.2	419.3	1 477.5	166.2	88.3
June	1 275.7	115.1	611.5	140.9	^ 398.7	346.7	1 371.0	832.4	88.6
September	1 548.8	146.4	2 304.4	197.4	^ 323.4	559.0	1 430.5	722.2	^ 153.6
December	1 437.1	123.7	2 005.9	184.7	^ 282.0	580.6	1 142.2	991.0	^ 118.6
<b>2003</b>									
March	1 958.7	96.1	1 785.0	185.1	*347.2	463.1	913.1	834.0	173.9
June	3 180.9	^ 88.8	1 553.8	206.8	*451.1	484.5	674.8	748.9	135.2

^ estimate has a relative standard error of between 10% and 25% and should be used with caution

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

ACTIVITY, By type: **Original** *continued*

Period	Telecom-	Oil, gas, coal	Other	Other	Total
	munications	and other	heavy		
	\$m	\$m	\$m	\$m	\$m
.....					
VALUE OF WORK COMMENCED DURING PERIOD					
<b>2000-01</b>	4 265.7	1 586.3	425.7	162.6	<b>17 081.0</b>
<b>2001-02</b>	3 273.2	5 881.8	254.8	238.2	<b>23 323.2</b>
<b>2002-03</b>	2 979.9	6 867.8	199.2	302.8	<b>27 963.4</b>
<b>2002</b>					
March	718.0	1 802.6	58.3	*58.6	<b>5 495.4</b>
June	927.1	1 692.1	74.2	*58.2	<b>6 355.2</b>
September	664.0	2 100.2	103.5	*68.8	<b>8 714.4</b>
December	704.2	932.3	*11.9	^ 58.7	<b>5 121.9</b>
<b>2003</b>					
March	660.2	739.4	54.7	^ 76.8	<b>5 151.8</b>
June	951.5	3 095.9	^ 29.1	^ 98.5	<b>8 975.2</b>
.....					
VALUE OF WORK DONE DURING PERIOD					
<b>2000-01</b>	3 883.4	1 463.7	321.7	165.6	<b>18 143.7</b>
<b>2001-02</b>	3 467.4	3 139.5	365.7	232.4	<b>20 031.3</b>
<b>2002-03</b>	3 204.8	5 630.5	230.0	258.7	<b>24 660.7</b>
<b>2002</b>					
March	797.7	1 158.5	79.9	^ 60.2	<b>5 120.2</b>
June	994.8	841.9	88.4	*59.7	<b>5 669.6</b>
September	760.5	1 276.9	72.7	*70.2	<b>5 589.0</b>
December	771.3	1 376.6	^ 50.1	^ 49.9	<b>6 296.4</b>
<b>2003</b>					
March	698.6	1 411.6	49.2	^ 53.7	<b>5 903.8</b>
June	974.4	1 565.5	^ 58.1	^ 84.8	<b>6 871.5</b>
.....					
VALUE OF WORK YET TO BE DONE DURING PERIOD					
<b>2000-01</b>	757.9	786.2	200.8	23.9	<b>5 876.4</b>
<b>2001-02</b>	531.4	3 740.8	109.5	16.4	<b>9 578.7</b>
<b>2002-03</b>	215.1	4 914.2	73.1	11.1	<b>12 738.4</b>
<b>2002</b>					
March	439.4	2 871.2	115.7	^ 22.9	<b>8 834.3</b>
June	531.4	3 740.8	109.5	16.4	<b>9 578.7</b>
September	437.3	4 655.7	126.4	12.6	<b>12 617.8</b>
December	357.5	4 342.9	102.3	^ 13.8	<b>11 682.5</b>
<b>2003</b>					
March	314.7	3 279.0	^ 123.1	*28.1	<b>10 501.1</b>
June	215.1	4 914.2	73.1	*11.1	<b>12 738.4</b>

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

^ estimate has a relative standard error of between 10% and 25% and should be used with caution

WORK COMMENCED BY THE PRIVATE SECTOR, By type: **Original**

Period	Roads, highways and subdivisions	Bridges	Railways	Harbours	Water storage and supply	Sewerage and drainage	Electricity generation, transmission and distribution	Pipelines
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR								
<b>2000-01</b>	1 220.0	7.9	70.9	95.3	151.4	132.7	944.7	206.0
<b>2001-02</b>	1 564.5	70.5	575.7	127.2	126.0	208.3	1 327.1	1 241.7
<b>2002-03</b>	4 403.3	54.3	255.9	193.8	175.5	277.4	977.0	810.1
<b>2002</b>								
March	379.3	3.1	16.0	74.3	*31.1	^ 62.8	292.2	99.4
June	438.2	^ 14.3	41.0	^ 10.7	*29.8	^ 41.2	379.8	935.7
September	471.7	34.6	159.7	96.8	^ 43.2	^ 52.2	251.4	91.3
December	^ 643.1	1.1	41.6	31.8	^ 26.7	^ 39.5	243.7	501.0
<b>2003</b>								
March	1 172.6	13.1	24.4	^ 37.6	^ 53.7	^ 74.9	^ 230.7	^ 56.2
June	2 115.9	*5.5	30.2	*27.6	*52.0	^ 110.7	^ 251.2	161.6
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR								
<b>2000-01</b>	1 769.8	139.2	81.6	63.2	237.3	368.4	192.1	20.2
<b>2001-02</b>	1 568.1	165.8	54.8	206.0	107.2	321.3	614.0	11.4
<b>2002-03</b>	1 642.9	115.6	1 510.2	140.7	208.7	477.3	137.6	6.0
<b>2002</b>								
March	435.6	*34.3	22.9	^ 68.0	^ 21.2	49.5	299.4	5.9
June	342.9	*28.8	11.9	^ 33.0	^ 42.6	^ 54.6	87.5	*0.5
September	283.3	*32.8	1 477.1	*30.9	*22.3	201.7	^ 20.6	**0.1
December	449.4	^ 26.9	0.5	^ 12.4	^ 47.6	*50.6	*49.9	*0.1
<b>2003</b>								
March	557.4	25.6	30.5	^ 11.2	63.0	^ 58.7	*37.7	3.1
June	352.7	*30.3	2.0	86.2	^ 75.7	166.3	^ 29.4	2.6
TOTAL BY THE PRIVATE SECTOR								
<b>2000-01</b>	2 989.8	147.1	152.4	158.6	388.8	501.1	1 136.8	226.2
<b>2001-02</b>	3 132.6	236.3	630.5	333.3	233.2	529.6	1 941.1	1 253.1
<b>2002-03</b>	6 046.2	169.8	1 766.0	334.4	384.2	754.8	1 114.6	816.1
<b>2002</b>								
March	814.9	^ 37.4	38.9	^ 142.2	^ 52.3	112.3	591.6	105.3
June	781.1	*43.1	52.9	^ 43.8	^ 72.3	^ 95.7	467.3	936.1
September	755.0	^ 67.4	1 636.8	127.7	^ 65.4	253.9	272.0	91.4
December	1 092.6	^ 28.0	42.0	^ 44.2	^ 74.3	^ 90.2	293.6	501.1
<b>2003</b>								
March	1 730.0	38.6	54.9	^ 48.7	^ 116.7	^ 133.6	268.4	^ 59.3
June	2 468.6	*35.8	32.3	^ 113.7	^ 127.8	277.0	^ 280.6	164.3

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\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

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Period	Recreation	Telecom- munications	Oil, gas, coal and other minerals	Other heavy industry	Other	Total
	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR						
<b>2000-01</b>	695.3	698.8	1 566.4	417.6	123.6	<b>6 330.6</b>
<b>2001-02</b>	786.9	295.7	5 878.6	254.6	194.9	<b>12 651.7</b>
<b>2002-03</b>	1 017.4	279.2	6 842.9	193.7	261.6	<b>15 742.2</b>
<b>2002</b>						
March	^ 198.6	64.1	1 802.2	58.3	*53.4	<b>3 134.7</b>
June	^ 221.9	^ 36.0	1 691.4	74.1	*48.6	<b>3 962.6</b>
September	^ 287.3	29.3	2 098.8	103.4	*66.8	<b>3 786.5</b>
December	^ 279.5	75.9	923.6	*11.9	^ 53.8	<b>2 873.2</b>
<b>2003</b>						
March	^ 215.2	^ 92.6	729.9	54.7	^ 55.0	<b>2 810.6</b>
June	^ 235.4	^ 81.4	3 090.6	^ 23.8	^ 85.9	<b>6 271.9</b>

BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR						
<b>2000-01</b>	133.3	567.9	19.9	8.2	35.2	<b>3 636.3</b>
<b>2001-02</b>	136.3	190.5	2.6	0.3	41.8	<b>3 420.1</b>
<b>2002-03</b>	256.1	173.7	0.7	5.5	35.5	<b>4 710.4</b>
<b>2002</b>						
March	*36.1	51.5	*0.4	—	5.2	<b>1 029.9</b>
June	*54.2	32.9	0.1	0.1	9.5	<b>698.6</b>
September	^ 45.2	^ 52.7	**0.1	**0.2	^ 1.5	<b>2 168.5</b>
December	*27.0	^ 39.1	*—	—	*4.8	<b>708.4</b>
<b>2003</b>						
March	^ 100.4	30.9	0.6	—	*21.2	<b>940.2</b>
June	*83.5	^ 51.1	0.1	**5.4	*8.0	<b>893.3</b>

TOTAL BY THE PRIVATE SECTOR						
<b>2000-01</b>	828.6	1 266.7	1 586.2	425.7	158.8	<b>9 966.9</b>
<b>2001-02</b>	923.1	486.3	5 881.2	254.8	236.6	<b>16 071.8</b>
<b>2002-03</b>	1 273.5	452.9	6 843.6	199.2	297.1	<b>20 452.6</b>
<b>2002</b>						
March	^ 234.7	115.6	1 802.6	58.3	*58.6	<b>4 164.6</b>
June	^ 276.1	^ 68.9	1 691.5	74.2	*58.1	<b>4 661.2</b>
September	^ 332.5	81.9	2 098.9	103.5	*68.3	<b>5 954.9</b>
December	^ 306.5	^ 115.0	923.6	*11.9	^ 58.6	<b>3 581.6</b>
<b>2003</b>						
March	^ 315.6	^ 123.4	730.5	54.7	^ 76.2	<b>3 750.8</b>
June	^ 318.9	^ 132.6	3 090.7	^ 29.1	^ 93.9	<b>7 165.2</b>

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Period	Roads, highways and subdivisions	Bridges	Railways	Harbours	Water storage and supply	Sewerage and drainage	Electricity generation, transmission and distribution	Pipelines
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR								
<b>2000-01</b>	1 272.1	12.6	90.4	88.8	183.9	190.3	1 451.0	235.7
<b>2001-02</b>	1 544.7	32.8	269.7	102.8	141.2	155.5	1 349.2	500.2
<b>2002-03</b>	2 418.6	73.2	496.9	137.8	161.8	270.7	1 260.9	901.0
<b>2002</b>								
March	368.4	9.2	81.3	^ 17.1	^ 34.7	^ 40.1	321.6	139.0
June	450.5	18.3	111.7	23.1	*36.6	^ 49.1	291.4	281.8
September	482.3	18.6	116.7	^ 24.8	^ 32.0	^ 54.0	293.6	211.1
December	610.2	19.5	134.7	^ 30.8	^ 37.8	^ 76.2	322.7	239.2
<b>2003</b>								
March	618.6	19.2	112.0	^ 45.7	^ 45.6	^ 75.3	319.1	209.0
June	707.5	^ 16.0	133.5	^ 36.5	^ 46.3	^ 65.3	^ 325.6	241.8
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR								
<b>2000-01</b>	2 331.8	219.7	106.0	69.6	194.5	541.5	249.5	27.1
<b>2001-02</b>	1 949.8	176.3	63.6	152.6	211.7	340.7	353.3	16.3
<b>2002-03</b>	1 968.9	145.3	258.3	118.4	186.8	423.3	427.3	10.2
<b>2002</b>								
March	462.8	^ 37.8	14.9	^ 33.7	55.3	^ 80.5	75.6	6.7
June	463.0	^ 49.6	18.7	^ 37.7	53.1	^ 97.3	103.5	^ 1.1
September	400.4	^ 42.0	24.1	^ 55.6	^ 26.7	^ 103.0	136.1	*0.1
December	606.7	^ 40.2	85.3	^ 29.9	^ 39.4	^ 82.7	121.0	*0.8
<b>2003</b>								
March	498.2	35.4	84.6	^ 15.1	^ 44.5	^ 83.7	81.9	3.9
June	463.6	27.7	64.4	17.7	^ 76.2	^ 153.8	88.3	^ 5.4
TOTAL BY THE PRIVATE SECTOR								
<b>2000-01</b>	3 603.8	232.4	196.4	158.4	378.4	731.8	1 700.5	262.8
<b>2001-02</b>	3 494.5	209.1	333.3	255.4	352.8	496.2	1 702.5	516.5
<b>2002-03</b>	4 387.5	218.5	755.3	256.1	348.6	694.0	1 688.2	911.2
<b>2002</b>								
March	831.2	^ 47.0	96.2	^ 50.9	90.0	^ 120.5	397.2	145.8
June	913.5	^ 67.9	130.3	^ 60.8	^ 89.7	^ 146.4	394.9	282.9
September	882.7	^ 60.6	140.8	^ 80.4	^ 58.8	^ 157.0	429.6	211.2
December	1 216.8	59.7	220.0	^ 60.8	^ 77.2	^ 158.9	443.7	239.9
<b>2003</b>								
March	1 116.9	54.6	196.5	60.8	^ 90.0	159.0	401.0	212.9
June	1 171.1	43.6	197.9	^ 54.2	^ 122.6	219.1	413.9	247.2

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Period	Recreation	Telecom- munications	Oil, gas, coal and other minerals	Other heavy industry	Other	Total
	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR						
<b>2000-01</b>	713.6	624.2	1 411.4	284.9	123.4	<b>6 682.3</b>
<b>2001-02</b>	779.6	362.1	3 105.7	364.9	190.6	<b>8 899.0</b>
<b>2002-03</b>	1 009.1	354.3	5 605.6	224.5	225.9	<b>13 140.2</b>
<b>2002</b>						
March	^ 194.6	119.5	1 153.6	79.8	*52.6	<b>2 611.4</b>
June	^ 209.8	75.4	839.1	88.3	*51.7	<b>2 526.7</b>
September	^ 276.3	92.9	1 275.4	72.5	*66.5	<b>3 016.6</b>
December	^ 289.5	93.6	1 367.9	^ 50.1	^ 43.7	<b>3 315.8</b>
<b>2003</b>						
March	^ 214.7	^ 91.2	1 402.1	49.2	^ 46.1	<b>3 247.8</b>
June	^ 228.6	^ 76.6	1 560.1	^ 52.7	^ 69.7	<b>3 560.1</b>

BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR						
<b>2000-01</b>	145.5	261.5	52.3	17.4	38.4	<b>4 254.8</b>
<b>2001-02</b>	172.4	320.5	33.2	0.8	40.5	<b>3 831.7</b>
<b>2002-03</b>	217.2	322.0	0.7	5.5	27.4	<b>4 111.3</b>
<b>2002</b>						
March	^ 46.7	72.5	4.9	0.1	7.6	<b>899.2</b>
June	*64.2	58.9	2.2	0.1	7.8	<b>957.2</b>
September	^ 47.2	91.5	**0.1	**0.2	3.5	<b>930.7</b>
December	^ 30.7	89.1	*—	—	*6.1	<b>1 131.8</b>
<b>2003</b>						
March	*48.7	69.0	0.6	—	*7.4	<b>972.9</b>
June	*90.5	72.5	0.1	**5.4	*10.3	<b>1 075.9</b>

TOTAL BY THE PRIVATE SECTOR						
<b>2000-01</b>	859.2	885.7	1 463.7	302.3	161.7	<b>10 937.2</b>
<b>2001-02</b>	952.0	682.6	3 138.8	365.7	231.1	<b>12 730.7</b>
<b>2002-03</b>	1 226.2	676.3	5 606.3	230.0	253.3	<b>17 251.5</b>
<b>2002</b>						
March	^ 241.3	192.0	1 158.5	79.9	^ 60.1	<b>3 510.7</b>
June	^ 274.1	134.3	841.2	88.4	*59.6	<b>3 483.9</b>
September	^ 323.6	184.4	1 275.5	72.7	*70.0	<b>3 947.3</b>
December	^ 320.1	182.7	1 367.9	^ 50.1	^ 49.8	<b>4 447.6</b>
<b>2003</b>						
March	^ 263.4	160.2	1 402.7	49.2	^ 53.5	<b>4 220.7</b>
June	^ 319.1	149.1	1 560.2	^ 58.1	^ 80.0	<b>4 635.9</b>

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Period	Roads, highways and subdivisions	Bridges	Railways	Harbours	Water storage and supply	Sewerage and drainage	Electricity generation, transmission and distribution	Pipelines
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR								
<b>2000-01</b>	206.4	0.2	52.1	30.6	16.5	16.1	457.6	16.0
<b>2001-02</b>	270.6	36.5	339.2	51.3	9.3	73.0	572.2	826.0
<b>2002-03</b>	2 380.6	13.8	95.8	83.9	21.8	97.5	371.5	746.3
<b>2002</b>								
March	288.3	41.6	405.9	63.4	32.3	84.3	457.1	155.5
June	270.6	36.5	339.2	51.3	^ 9.3	73.0	572.2	826.0
September	322.4	48.4	376.7	122.7	22.5	83.0	553.2	710.0
December	^ 395.4	29.8	284.9	124.1	^ 18.1	^ 59.4	484.7	967.4
<b>2003</b>								
March	905.2	22.0	195.8	127.4	*30.4	^ 55.0	427.9	814.1
June	2 380.6	13.8	95.8	83.9	*21.8	^ 97.5	371.5	746.3
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR								
<b>2000-01</b>	1 157.4	67.0	26.4	22.1	153.5	148.0	90.6	6.4
<b>2001-02</b>	766.6	57.4	26.2	88.2	46.8	149.9	345.2	—
<b>2002-03</b>	513.9	46.7	1 282.8	110.9	102.3	265.6	93.3	1.7
<b>2002</b>								
March	987.4	79.1	33.5	^ 96.1	58.8	180.3	397.7	0.7
June	766.6	57.4	26.2	88.2	46.8	149.9	345.2	—
September	633.6	50.0	1 484.5	68.4	46.1	245.3	236.2	—
December	544.5	52.7	1 399.9	46.3	^ 66.5	270.4	176.5	4.5
<b>2003</b>								
March	629.6	39.2	1 360.9	43.2	91.6	216.2	110.1	3.8
June	513.9	^ 46.7	1 282.8	110.9	102.3	265.6	93.3	1.7
TOTAL BY THE PRIVATE SECTOR								
<b>2000-01</b>	1 363.8	67.1	78.5	52.7	170.0	164.2	548.1	22.3
<b>2001-02</b>	1 037.2	93.9	365.5	139.5	56.1	222.9	917.4	826.0
<b>2002-03</b>	2 894.4	60.5	1 378.6	194.8	124.1	363.0	464.9	748.0
<b>2002</b>								
March	1 275.7	120.7	439.4	159.6	91.1	264.6	854.8	156.2
June	1 037.2	93.9	365.5	139.5	56.1	222.9	917.4	826.0
September	956.0	98.4	1 861.2	191.1	68.7	328.3	789.4	710.0
December	939.8	82.4	1 684.8	170.4	84.6	329.8	661.2	971.9
<b>2003</b>								
March	1 534.8	61.2	1 556.6	170.6	122.0	271.1	538.0	817.8
June	2 894.4	^ 60.5	1 378.6	194.8	124.1	363.0	464.9	748.0

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Period	Recreation	Telecom- munications	Oil, gas, coal and other minerals	Other heavy industry	Other	Total
	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR						
<b>2000-01</b>	34.8	263.6	757.6	200.3	17.6	<b>2 069.4</b>
<b>2001-02</b>	45.5	114.0	3 740.8	109.5	8.9	<b>6 196.7</b>
<b>2002-03</b>	30.9	16.1	4 914.2	73.1	7.9	<b>8 853.3</b>
<b>2002</b>						
March	^ 29.0	165.9	2 871.0	115.7	^ 17.7	<b>4 727.5</b>
June	^ 45.5	114.0	3 740.8	109.5	8.9	<b>6 196.7</b>
September	^ 51.4	52.8	4 655.7	126.4	6.5	<b>7 131.7</b>
December	*38.4	18.8	4 342.9	102.3	^ 8.6	<b>6 874.9</b>
<b>2003</b>						
March	^ 35.0	*17.8	3 279.0	^ 123.1	^ 9.3	<b>6 041.9</b>
June	^ 30.9	*16.1	4 914.2	73.1	*7.9	<b>8 853.3</b>
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR						
<b>2000-01</b>	26.6	490.8	28.6	0.5	6.3	<b>2 224.1</b>
<b>2001-02</b>	13.1	413.4	—	—	7.4	<b>1 914.4</b>
<b>2002-03</b>	54.6	198.5	—	—	3.2	<b>2 673.4</b>
<b>2002</b>						
March	*8.3	266.4	0.2	—	5.1	<b>2 113.7</b>
June	*13.1	413.4	—	—	7.4	<b>1 914.4</b>
September	^ 9.9	374.5	—	—	5.9	<b>3 154.4</b>
December	^ 6.9	328.1	—	—	^ 4.8	<b>2 901.0</b>
<b>2003</b>						
March	64.1	289.3	—	—	*18.4	<b>2 866.2</b>
June	54.6	198.5	—	—	3.2	<b>2 673.4</b>
TOTAL BY THE PRIVATE SECTOR						
<b>2000-01</b>	61.4	754.4	786.2	200.8	23.9	<b>4 293.5</b>
<b>2001-02</b>	58.5	527.4	3 740.8	109.5	16.4	<b>8 111.1</b>
<b>2002-03</b>	85.4	214.6	4 914.2	73.1	11.1	<b>11 526.7</b>
<b>2002</b>						
March	^ 37.3	432.3	2 871.2	115.7	^ 22.8	<b>6 841.3</b>
June	^ 58.5	527.4	3 740.8	109.5	16.4	<b>8 111.1</b>
September	^ 61.3	427.3	4 655.7	126.4	12.4	<b>10 286.1</b>
December	*45.3	346.9	4 342.9	102.3	^ 13.4	<b>9 775.8</b>
<b>2003</b>						
March	99.0	307.1	3 279.0	^ 123.1	*27.7	<b>8 908.1</b>
June	85.4	214.6	4 914.2	73.1	*11.1	<b>11 526.7</b>

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Period	Roads, highways and subdivisions	Bridges	Railways	Harbours	Water storage and supply	Sewerage and drainage	Electricity generation, transmission and distribution
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD							
<b>2000-01</b>	1 672.2	88.3	495.7	34.5	311.7	271.2	1 061.8
<b>2001-02</b>	1 835.4	113.2	480.5	58.8	341.0	297.6	1 141.7
<b>2002-03</b>	2 050.1	100.4	459.3	45.1	421.9	344.3	1 302.6
<b>2002</b>							
March	^ 387.6	^ 17.9	9.5	^ 17.6	^ 74.6	^ 37.1	153.3
June	368.2	^ 25.4	13.5	14.8	*93.1	32.6	255.1
September	739.0	50.1	326.2	20.8	^ 151.2	^ 210.6	561.1
December	442.8	^ 16.9	^ 29.7	*6.1	*106.3	*64.4	229.4
<b>2003</b>							
March	402.5	^ 15.8	24.4	11.0	*81.7	*32.4	246.4
June	465.8	17.6	78.9	7.2	*82.8	36.9	265.8
VALUE OF WORK DONE DURING PERIOD							
<b>2000-01</b>	1 662.6	99.0	411.7	40.1	247.8	246.4	1 301.9
<b>2001-02</b>	1 685.2	117.1	533.9	64.6	239.9	233.4	1 418.9
<b>2002-03</b>	1 892.0	92.0	532.1	43.1	295.1	273.0	1 544.9
<b>2002</b>							
March	407.3	27.6	114.7	19.9	^ 46.3	64.0	280.4
June	500.8	^ 32.1	166.4	15.3	^ 71.3	59.4	416.3
September	373.1	21.2	129.8	16.2	^ 66.4	49.3	363.0
December	485.1	^ 23.0	151.8	*8.7	^ 70.1	^ 61.8	405.7
<b>2003</b>							
March	454.5	^ 21.4	118.4	10.1	^ 63.1	^ 71.6	352.4
June	579.2	26.4	132.2	8.1	^ 95.5	^ 90.3	423.8
VALUE OF WORK YET TO BE DONE							
<b>2000-01</b>	259.3	23.9	299.2	0.4	294.4	88.6	566.5
<b>2001-02</b>	238.5	21.2	246.1	1.4	342.6	123.7	453.6
<b>2002-03</b>	286.4	28.3	175.2	12.0	327.0	121.5	210.0
<b>2002</b>							
March	^ 410.6	25.7	399.2	**5.5	^ 306.1	^ 154.8	622.8
June	238.5	*21.2	246.1	1.4	^ 342.6	^ 123.7	453.6
September	592.8	^ 48.0	443.2	6.4	*254.7	^ 230.7	641.2
December	497.2	41.3	321.1	**14.3	*197.4	^ 250.8	481.1
<b>2003</b>							
March	424.0	34.9	228.4	**14.5	*225.1	^ 192.0	375.1
June	286.4	28.3	175.2	**12.0	**327.0	^ 121.5	210.0

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Period	Pipelines	Recreation	Telecom- munications	Oil, gas, coal and other minerals	Other heavy industry	Other	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD							
<b>2000-01</b>	25.2	150.7	2 999.0	—	—	3.8	<b>7 114.1</b>
<b>2001-02</b>	28.1	166.1	2 786.9	0.7	—	1.6	<b>7 251.4</b>
<b>2002-03</b>	30.0	200.2	2 527.0	24.2	—	5.7	<b>7 510.8</b>
<b>2002</b>							
March	4.6	26.2	602.4	—	—	—	<b>1 330.8</b>
June	8.6	23.9	858.2	0.7	—	—	<b>1 694.0</b>
September	*10.2	^106.6	582.0	1.4	—	0.5	<b>2 759.5</b>
December	**11.9	^34.8	589.2	^8.7	—	**0.1	<b>1 540.3</b>
<b>2003</b>							
March	*6.9	^33.6	536.8	8.9	—	0.6	<b>1 401.0</b>
June	*1.0	25.2	818.9	5.3	—	**4.6	<b>1 810.0</b>
VALUE OF WORK DONE DURING PERIOD							
<b>2000-01</b>	24.5	151.7	2 997.7	—	19.4	3.9	<b>7 206.6</b>
<b>2001-02</b>	31.4	189.4	2 784.8	0.7	—	1.2	<b>7 300.6</b>
<b>2002-03</b>	23.0	155.9	2 528.4	24.2	—	5.4	<b>7 409.2</b>
<b>2002</b>							
March	^6.9	^36.8	605.7	—	—	—	<b>1 609.5</b>
June	^12.8	49.8	860.5	0.7	—	0.1	<b>2 185.7</b>
September	^4.3	^40.7	576.1	1.4	—	0.2	<b>1 641.7</b>
December	*7.3	^37.9	588.6	^8.7	—	**0.1	<b>1 848.8</b>
<b>2003</b>							
March	*9.7	^34.4	538.4	8.9	—	0.3	<b>1 683.2</b>
June	*1.6	43.0	825.3	5.3	—	**4.8	<b>2 235.6</b>
VALUE OF WORK YET TO BE DONE							
<b>2000-01</b>	—	46.9	3.4	—	—	—	<b>1 582.9</b>
<b>2001-02</b>	6.4	30.1	4.0	—	—	—	<b>1 467.6</b>
<b>2002-03</b>	0.9	49.8	0.5	—	—	0.1	<b>1 211.7</b>
<b>2002</b>							
March	10.1	51.1	^7.1	—	—	0.1	<b>1 993.0</b>
June	6.4	30.1	4.0	—	—	—	<b>1 467.6</b>
September	*12.2	^92.3	10.0	—	—	^0.3	<b>2 331.7</b>
December	**19.1	73.3	^10.6	—	—	*0.4	<b>1 906.6</b>
<b>2003</b>							
March	*16.1	74.9	7.6	—	—	^0.4	<b>1 593.0</b>
June	0.9	49.8	0.5	—	—	0.1	^ <b>1 211.7</b>

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Period	Roads, highways and subdivisions	Bridges	Railways	Harbours	Water storage and supply	Sewerage and drainage	Electricity generation, transmission and distribution	Pipelines
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
<b>2000-01</b>	3 442.0	227.5	577.2	97.8	549.1	639.6	1 253.9	45.3
<b>2001-02</b>	3 403.5	279.0	535.3	264.8	448.2	618.9	1 755.6	39.5
<b>2002-03</b>	3 693.0	215.9	1 969.4	185.8	630.6	821.7	1 440.2	35.9
<b>2002</b>								
March	823.2	^ 52.1	32.4	^ 85.5	^ 95.8	86.6	452.7	10.4
June	711.1	^ 54.2	25.4	^ 47.8	*135.6	^ 87.1	342.6	9.0
September	1 022.4	^ 82.9	1 803.3	^ 51.7	^ 173.4	412.3	581.6	*10.2
December	892.3	43.8	^ 30.2	^ 18.5	^ 154.0	^ 115.1	279.3	**12.0
<b>2003</b>								
March	959.9	41.4	54.9	22.2	^ 144.7	^ 91.1	284.0	*10.0
June	818.5	^ 47.9	81.0	93.4	*158.5	203.2	295.2	^ 3.6
VALUE OF WORK DONE DURING PERIOD								
<b>2000-01</b>	3 994.4	318.7	517.7	109.6	442.2	787.9	1 551.4	51.7
<b>2001-02</b>	3 635.0	293.4	597.5	217.2	451.6	574.1	1 772.2	47.7
<b>2002-03</b>	3 860.9	237.3	790.5	161.5	481.9	696.3	1 972.1	33.2
<b>2002</b>								
March	870.1	^ 65.4	129.6	^ 53.6	101.6	144.5	356.0	13.6
June	963.8	^ 81.8	185.0	^ 53.0	124.4	156.7	519.9	^ 14.0
September	773.5	^ 63.2	153.9	^ 71.8	^ 93.2	^ 152.3	499.1	^ 4.5
December	1 091.8	^ 63.2	237.0	^ 38.7	109.5	^ 144.5	526.7	*8.1
<b>2003</b>								
March	952.8	56.8	203.0	25.2	107.6	^ 155.3	434.3	*13.6
June	1 042.8	54.1	196.6	25.8	^ 171.8	244.1	512.1	^ 7.0
VALUE OF WORK YET TO BE DONE								
<b>2000-01</b>	1 416.7	90.9	325.6	22.5	447.9	236.7	657.1	6.4
<b>2001-02</b>	1 005.1	78.6	272.3	89.7	389.4	273.7	798.8	6.4
<b>2002-03</b>	800.3	75.0	1 458.0	122.9	429.3	387.0	303.3	2.6
<b>2002</b>								
March	1 398.0	104.8	432.8	^ 101.6	364.9	335.1	1 020.5	10.7
June	1 005.1	78.6	272.3	89.7	^ 389.4	273.7	798.8	6.4
September	1 226.4	98.0	1 927.8	74.8	*300.9	476.0	877.3	*12.2
December	1 041.7	93.9	1 721.0	^ 60.6	*263.9	521.3	657.6	**23.6
<b>2003</b>								
March	1 053.5	74.1	1 589.3	^ 57.7	*316.7	408.2	485.2	*19.9
June	800.3	^ 75.0	1 458.0	122.9	*429.3	387.0	303.3	2.6

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Period	Oil, gas, coal and other minerals heavy industry					Total
	Recreation	Telecommunications	Oil, gas, coal and other minerals	heavy industry	Other	
	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD						
<b>2000-01</b>	284.1	3 566.9	19.9	8.2	39.0	<b>10 750.4</b>
<b>2001-02</b>	302.4	2 977.5	3.2	0.3	43.4	<b>10 671.5</b>
<b>2002-03</b>	456.3	2 700.7	24.9	5.5	41.2	<b>12 221.2</b>
<b>2002</b>						
March	^ 62.3	653.9	*0.4	—	5.2	<b>2 360.7</b>
June	^ 78.1	891.1	0.8	0.1	9.5	<b>2 392.6</b>
September	^ 151.8	634.7	1.4	**0.2	2.0	<b>4 928.0</b>
December	^ 61.8	628.3	^ 8.7	—	*4.9	<b>2 248.7</b>
<b>2003</b>						
March	^ 134.0	567.7	9.5	—	*21.8	<b>2 341.2</b>
June	^ 108.7	870.0	5.4	**5.4	*12.6	<b>2 703.3</b>

VALUE OF WORK DONE DURING PERIOD						
<b>2000-01</b>	297.2	3 259.2	52.3	36.8	42.2	<b>11 461.4</b>
<b>2001-02</b>	361.8	3 105.3	33.8	0.8	41.7	<b>11 132.3</b>
<b>2002-03</b>	373.1	2 850.5	24.9	5.5	32.8	<b>11 520.5</b>
<b>2002</b>						
March	^ 83.5	678.2	4.9	0.1	7.6	<b>2 508.8</b>
June	^ 114.0	919.4	2.8	0.1	7.9	<b>3 142.9</b>
September	^ 88.0	667.5	1.4	**0.2	3.7	<b>2 572.4</b>
December	^ 68.5	677.7	^ 8.7	—	*6.2	<b>2 980.6</b>
<b>2003</b>						
March	^ 83.1	607.4	9.5	—	^ 7.7	<b>2 656.1</b>
June	^ 133.5	897.8	5.4	**5.4	*15.1	<b>3 311.5</b>

VALUE OF WORK YET TO BE DONE						
<b>2000-01</b>	73.5	494.3	28.6	0.5	6.3	<b>3 807.1</b>
<b>2001-02</b>	43.2	417.4	—	—	7.4	<b>3 382.1</b>
<b>2002-03</b>	104.4	199.0	—	—	3.2	<b>3 885.1</b>
<b>2002</b>						
March	59.4	273.5	0.2	—	5.2	<b>4 106.8</b>
June	43.2	417.4	—	—	7.4	<b>3 382.1</b>
September	^ 102.2	384.5	—	—	6.1	<b>5 486.1</b>
December	80.2	338.7	—	—	^ 5.2	<b>4 807.6</b>
<b>2003</b>						
March	138.9	296.8	—	—	*18.9	<b>4 459.2</b>
June	104.4	199.0	—	—	3.2	<b>3 885.1</b>

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Period	Roads, highways and subdivisions	Bridges, railways and harbours	Electricity generation, transmission etc. and pipelines	Water storage and supply, sewerage and drainage	Telecom- munications	Heavy industry	Recreation and other	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
<b>2000-01</b>	1 409.5	573.8	804.3	465.3	1 715.4	413.1	273.8	<b>5 655.2</b>
<b>2001-02</b>	1 672.7	592.5	1 000.6	417.6	1 190.2	408.0	249.0	<b>5 530.6</b>
<b>2002-03</b>	4 043.1	1 393.5	1 019.6	657.0	1 036.2	401.7	435.7	<b>8 986.8</b>
<b>2002</b>								
March	468.2	^ 46.6	201.5	76.2	237.3	94.1	^ 48.3	<b>1 172.3</b>
June	431.1	^ 58.6	224.2	^ 72.5	308.7	73.5	^ 60.6	<b>1 229.2</b>
September	478.3	1 253.8	317.3	287.4	238.7	100.0	^ 88.7	<b>2 764.2</b>
December	469.4	^ 25.0	231.8	^ 117.9	239.2	57.0	^ 89.5	<b>1 229.8</b>
<b>2003</b>								
March	1 099.3	38.1	232.2	^ 83.5	228.9	186.2	^ 139.7	<b>2 007.9</b>
June	1 996.1	76.6	238.2	^ 168.3	329.4	^ 58.5	^ 117.7	<b>2 984.9</b>
VALUE OF WORK DONE DURING PERIOD								
<b>2000-01</b>	1 949.3	489.9	900.1	610.8	1 617.4	308.8	280.2	<b>6 156.5</b>
<b>2001-02</b>	1 752.2	607.1	920.9	433.7	1 235.9	392.8	254.9	<b>5 597.6</b>
<b>2002-03</b>	2 269.9	660.4	1 048.8	595.4	1 138.0	424.0	365.1	<b>6 501.6</b>
<b>2002</b>								
March	378.6	123.1	165.4	89.3	275.1	82.6	^ 49.3	<b>1 163.4</b>
June	473.0	176.7	263.8	130.6	337.1	111.6	^ 73.1	<b>1 566.1</b>
September	473.6	128.6	213.0	^ 119.3	276.0	108.2	*64.6	<b>1 383.4</b>
December	550.3	208.7	268.8	^ 140.3	270.9	117.9	^ 90.0	<b>1 647.1</b>
<b>2003</b>								
March	580.1	168.2	262.5	^ 130.6	255.6	95.3	^ 89.9	<b>1 582.2</b>
June	665.9	154.9	304.5	^ 205.1	335.5	102.5	^ 120.5	<b>1 888.9</b>
VALUE OF WORK YET TO BE DONE								
<b>2000-01</b>	441.1	79.2	102.8	324.4	196.7	145.6	29.5	<b>1 319.3</b>
<b>2001-02</b>	369.1	61.2	150.5	245.0	185.4	233.7	16.8	<b>1 261.7</b>
<b>2002-03</b>	2 186.6	828.8	135.9	417.7	45.7	254.4	75.1	<b>3 944.2</b>
<b>2002</b>								
March	378.1	179.4	187.1	299.0	143.6	254.4	^ 34.1	<b>1 475.7</b>
June	369.1	61.2	150.5	245.0	185.4	233.7	16.8	<b>1 261.7</b>
September	375.9	1 185.7	245.9	365.3	149.9	227.2	35.1	<b>2 585.0</b>
December	332.6	1 022.9	232.0	^ 393.8	116.3	203.5	^ 40.5	<b>2 341.6</b>
<b>2003</b>								
March	856.9	898.2	191.6	304.4	85.4	291.7	88.6	<b>2 716.7</b>
June	2 186.6	828.8	135.9	*417.7	45.7	254.4	75.1	<b>3 944.2</b>

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<i>Period</i>	<i>Roads, highways and subdivisions</i>	<i>Bridges, railways and harbours</i>	<i>Electricity generation, and transmission etc. and pipelines</i>	<i>Water storage and supply, sewerage and drainage</i>	<i>Telecom- munications</i>	<i>Heavy industry</i>	<i>Recreation and other</i>	<b>Total</b>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
<b>2000-01</b>	815.5	66.5	727.5	220.8	1 017.7	152.3	271.6	<b>3 271.8</b>
<b>2001-02</b>	836.5	105.6	941.5	160.7	721.9	405.5	319.2	<b>3 490.8</b>
<b>2002-03</b>	1 077.7	633.1	1 047.5	248.4	684.2	675.1	414.9	<b>4 781.0</b>
<b>2002</b>								
March	223.0	^ 17.0	178.4	^ 41.1	161.7	53.6	^ 93.5	<b>768.3</b>
June	183.6	25.8	245.9	*48.3	212.3	218.4	^ 98.3	<b>1 032.7</b>
September	201.2	600.8	233.4	*46.4	164.0	148.5	^ 157.7	<b>1 551.9</b>
December	^ 254.6	*4.8	417.3	^ 23.2	121.6	335.5	^ 91.9	<b>1 248.9</b>
<b>2003</b>								
March	369.9	25.9	^ 177.6	^ 60.0	168.0	142.7	^ 79.3	<b>1 023.5</b>
June	^ 252.0	^ 1.6	^ 219.2	^ 118.8	230.7	48.5	^ 85.9	<b>956.7</b>
VALUE OF WORK DONE DURING PERIOD								
<b>2000-01</b>	758.5	132.2	833.0	223.8	849.8	162.3	256.8	<b>3 216.4</b>
<b>2001-02</b>	997.4	108.7	785.6	178.9	760.8	221.5	336.1	<b>3 389.0</b>
<b>2002-03</b>	1 140.3	162.9	1 087.7	170.2	735.2	493.5	400.0	<b>4 189.9</b>
<b>2002</b>								
March	251.1	30.7	175.4	*54.3	187.9	60.0	^ 93.0	<b>852.5</b>
June	276.5	35.4	203.3	*55.9	222.8	81.5	^ 100.9	<b>976.2</b>
September	227.7	31.4	262.3	*45.8	186.6	84.1	^ 139.6	<b>977.5</b>
December	298.5	35.4	291.5	^ 25.6	140.3	118.0	*100.1	<b>1 009.4</b>
<b>2003</b>								
March	281.6	49.0	253.6	^ 39.1	171.5	148.2	^ 71.9	<b>1 014.8</b>
June	^ 332.6	47.2	^ 280.2	^ 59.6	236.8	143.3	^ 88.4	<b>1 188.1</b>
VALUE OF WORK YET TO BE DONE								
<b>2000-01</b>	387.9	22.2	180.6	59.7	246.8	101.7	44.7	<b>1 043.6</b>
<b>2001-02</b>	284.8	35.0	385.4	55.1	150.4	359.0	22.8	<b>1 292.4</b>
<b>2002-03</b>	295.4	516.7	394.0	104.4	59.1	545.8	6.1	<b>1 921.5</b>
<b>2002</b>								
March	372.2	45.5	388.8	64.5	90.4	174.2	^ 27.9	<b>1 163.4</b>
June	284.8	35.0	385.4	55.1	150.4	359.0	^ 22.8	<b>1 292.4</b>
September	270.2	615.4	368.3	58.8	129.9	413.8	*33.0	<b>1 889.3</b>
December	^ 241.5	587.5	501.1	67.2	107.3	631.5	**17.9	<b>2 153.9</b>
<b>2003</b>								
March	330.0	585.5	451.3	^ 57.2	106.2	639.4	*22.3	<b>2 191.9</b>
June	^ 295.4	516.7	394.0	104.4	^ 59.1	545.8	*6.1	<b>1 921.5</b>

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Period	Roads, highways and subdivisions	Bridges, railways and harbours	Electricity generation, transmission etc. and pipelines	Water storage and supply, sewerage and drainage	Telecom- munications	Heavy industry	Recreation and other	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
<b>2000-01</b>	977.6	257.5	598.7	479.7	720.7	503.9	272.6	<b>3 810.7</b>
<b>2001-02</b>	1 127.3	324.1	508.2	540.8	601.5	1 613.5	356.0	<b>5 071.5</b>
<b>2002-03</b>	1 492.1	345.4	531.0	533.5	557.4	1 588.6	538.1	<b>5 586.0</b>
<b>2002</b>								
March	^ 221.7	106.7	50.0	^ 96.6	128.9	44.5	^ 83.2	<b>731.5</b>
June	^ 236.9	41.1	76.6	*114.2	195.2	1 282.2	^ 114.5	<b>2 060.8</b>
September	432.5	58.5	269.4	^ 261.2	115.9	1 098.2	^ 159.0	<b>2 394.8</b>
December	^ 417.7	^ 57.6	^ 45.7	*105.3	141.3	118.0	*125.5	<b>1 011.2</b>
<b>2003</b>								
March	^ 260.8	^ 64.1	80.2	*84.6	121.8	^ 203.5	*116.9	<b>932.0</b>
June	381.1	165.2	135.7	*82.4	178.3	168.8	*136.7	<b>1 248.1</b>
VALUE OF WORK DONE								
<b>2000-01</b>	1 268.8	342.7	1 231.1	439.6	730.1	435.8	296.4	<b>4 744.4</b>
<b>2001-02</b>	1 122.0	349.4	1 126.1	405.3	623.0	650.6	351.1	<b>4 627.5</b>
<b>2002-03</b>	1 393.1	347.1	735.7	386.9	566.7	1 650.9	475.6	<b>5 555.9</b>
<b>2002</b>								
March	252.7	83.1	260.0	91.8	135.8	114.3	^ 90.0	<b>1 027.7</b>
June	293.7	100.3	245.7	90.8	196.7	279.6	^ 98.6	<b>1 305.3</b>
September	280.0	105.6	215.3	^ 91.4	122.4	405.8	^ 127.5	<b>1 347.9</b>
December	439.7	^ 99.7	197.8	^ 95.3	142.4	356.8	^ 113.6	<b>1 445.5</b>
<b>2003</b>								
March	310.5	58.4	157.9	^ 85.1	121.2	535.1	^ 105.1	<b>1 373.4</b>
June	362.9	83.4	164.6	^ 115.1	180.7	353.1	*129.4	<b>1 389.1</b>
VALUE OF WORK YET TO BE DONE								
<b>2000-01</b>	372.9	330.1	805.8	244.1	84.4	198.4	8.4	<b>2 044.1</b>
<b>2001-02</b>	335.3	325.5	443.6	363.1	33.2	1 201.0	30.8	<b>2 732.5</b>
<b>2002-03</b>	379.2	300.3	249.6	250.6	20.9	692.6	35.4	<b>1 928.6</b>
<b>2002</b>								
March	422.5	385.4	621.6	^ 345.7	34.7	185.9	^ 14.0	<b>2 009.8</b>
June	335.3	325.5	443.6	^ 363.1	33.2	1 201.0	30.8	<b>2 732.5</b>
September	505.1	275.9	488.3	^ 366.5	25.2	1 910.7	^ 62.4	<b>3 634.3</b>
December	^ 461.2	^ 241.3	343.8	^ 297.0	24.6	1 693.4	38.2	<b>3 099.4</b>
<b>2003</b>								
March	382.5	244.9	269.5	*309.0	24.3	820.0	48.9	<b>2 099.1</b>
June	379.2	300.3	249.6	**250.6	20.9	692.6	^ 35.4	<b>1 928.6</b>

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Period	Roads, highways and subdivisions	Bridges, railways and harbours	Electricity generation, transmission etc. and pipelines	Water storage and supply, sewerage and drainage	Telecom- munications	Heavy industry	Recreation and other	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
<b>2000-01</b>	341.4	15.8	141.9	86.0	235.4	309.2	109.4	<b>1 239.1</b>
<b>2001-02</b>	394.2	15.7	434.6	63.7	229.0	372.4	118.8	<b>1 628.5</b>
<b>2002-03</b>	454.5	20.9	330.0	100.9	227.3	343.0	112.5	<b>1 589.0</b>
<b>2002</b>								
March	102.8	^3.1	53.4	9.5	52.2	205.4	^28.1	<b>454.6</b>
June	^99.9	**6.5	214.0	^10.4	63.9	55.4	^25.8	<b>476.0</b>
September	142.9	8.8	29.0	21.7	43.5	43.3	^32.0	<b>321.3</b>
December	^125.4	1.2	258.6	12.1	64.8	212.3	^28.9	<b>703.3</b>
<b>2003</b>								
March	^96.7	**2.5	19.6	^33.1	44.6	45.5	^24.8	<b>266.7</b>
June	^89.4	8.4	22.8	^34.1	74.3	41.9	^26.8	<b>297.7</b>
VALUE OF WORK DONE DURING PERIOD								
<b>2000-01</b>	352.6	21.7	149.8	105.0	196.5	183.1	120.6	<b>1 129.5</b>
<b>2001-02</b>	370.8	17.3	247.1	90.7	269.3	302.3	120.0	<b>1 417.4</b>
<b>2002-03</b>	399.4	12.7	439.9	95.5	241.7	462.9	110.6	<b>1 762.6</b>
<b>2002</b>								
March	112.0	2.2	67.7	25.4	66.3	65.2	^30.9	<b>369.8</b>
June	120.0	*4.2	46.7	20.2	79.5	83.6	^31.4	<b>385.5</b>
September	^63.9	2.2	57.8	13.2	52.5	100.0	^26.9	<b>316.5</b>
December	^94.5	3.2	152.3	*17.0	69.8	129.7	^28.6	<b>495.0</b>
<b>2003</b>								
March	^110.9	*3.7	124.8	*20.9	47.1	120.6	^23.7	<b>451.8</b>
June	130.1	3.5	105.1	^44.4	72.3	112.6	^31.3	<b>499.1</b>
VALUE OF WORK YET TO BE DONE								
<b>2000-01</b>	34.6	16.9	9.0	33.5	45.4	187.9	10.0	<b>337.2</b>
<b>2001-02</b>	33.3	10.3	235.8	12.9	35.2	273.0	5.5	<b>606.1</b>
<b>2002-03</b>	62.4	9.0	131.8	47.2	21.9	285.9	10.3	<b>568.4</b>
<b>2002</b>								
March	71.2	10.5	39.3	18.9	21.3	297.3	10.3	<b>468.8</b>
June	^33.3	^10.3	235.8	^12.9	35.2	273.0	^5.5	<b>606.1</b>
September	^98.9	7.4	209.5	^11.8	26.3	289.3	*11.4	<b>654.5</b>
December	131.8	4.7	316.0	*16.9	21.3	434.1	*10.7	<b>935.5</b>
<b>2003</b>								
March	105.8	3.8	207.5	^32.8	18.8	296.6	*11.3	<b>676.5</b>
June	62.4	9.0	131.8	^47.2	21.9	285.9	*10.3	<b>568.4</b>

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<i>Period</i>	<i>Roads, highways and subdivisions</i>	<i>Bridges, railways and harbours</i>	<i>Electricity generation, transmission etc. and pipelines</i>	<i>Water storage and supply, sewerage and drainage</i>	<i>Telecommunications</i>	<i>Heavy industry</i>	<i>Recreation and other</i>	<i>Total</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
<b>2000-01</b>	947.6	125.3	92.5	171.2	406.6	611.6	149.1	<b>2 504.0</b>
<b>2001-02</b>	672.4	170.3	1 202.4	92.3	354.7	1 969.8	220.3	<b>4 682.1</b>
<b>2002-03</b>	813.2	411.7	208.6	290.5	333.2	2 363.8	194.3	<b>4 615.5</b>
<b>2002</b>								
March	^ 127.7	*45.6	280.8	26.1	82.8	^ 112.7	*53.3	<b>729.1</b>
June	121.6	*33.1	875.2	^ 26.6	101.1	123.0	*41.8	<b>1 322.3</b>
September	206.8	303.5	28.6	45.6	71.2	808.8	^ 52.7	<b>1 517.3</b>
December	^ 207.1	50.6	^ 46.2	^ 57.8	105.4	210.1	*46.0	<b>723.3</b>
<b>2003</b>								
March	^ 235.8	47.8	^ 56.4	^ 87.6	65.1	203.1	*46.0	<b>741.7</b>
June	*163.5	*9.9	77.4	^ 99.5	91.6	1 141.8	^ 49.5	<b>1 633.1</b>
VALUE OF WORK DONE DURING PERIOD								
<b>2000-01</b>	742.9	125.8	93.1	183.9	297.2	662.8	151.0	<b>2 256.6</b>
<b>2001-02</b>	708.7	171.9	314.8	136.5	408.4	1 126.6	252.3	<b>3 119.3</b>
<b>2002-03</b>	843.9	330.9	668.0	252.8	371.3	2 046.7	206.6	<b>4 720.2</b>
<b>2002</b>								
March	190.0	*36.4	50.8	38.5	96.4	227.7	^ 61.5	<b>701.2</b>
June	181.1	*32.4	220.3	45.6	107.1	256.8	*64.0	<b>907.3</b>
September	164.0	*61.1	186.2	40.1	85.9	422.1	^ 55.8	<b>1 015.3</b>
December	^ 259.3	92.5	147.7	^ 60.3	112.5	462.2	^ 57.8	<b>1 192.3</b>
<b>2003</b>								
March	^ 223.6	94.5	145.9	^ 75.5	72.2	455.0	^ 41.5	<b>1 108.3</b>
June	^ 196.9	82.7	188.3	^ 76.9	100.7	707.4	^ 51.5	<b>1 404.4</b>
VALUE OF WORK YET TO BE DONE								
<b>2000-01</b>	363.3	47.8	0.3	45.9	149.6	349.5	38.0	<b>994.5</b>
<b>2001-02</b>	193.4	46.1	948.2	22.5	97.0	1 219.7	19.9	<b>2 546.7</b>
<b>2002-03</b>	222.6	121.5	486.3	103.8	48.5	1 469.1	12.9	<b>2 464.7</b>
<b>2002</b>								
March	389.2	^ 47.0	286.0	35.9	103.0	1 408.2	^ 17.5	<b>2 286.7</b>
June	193.4	^ 46.1	948.2	^ 22.5	97.0	1 219.7	*19.9	<b>2 546.7</b>
September	252.4	297.5	808.0	41.4	82.3	1 601.8	^ 15.7	<b>3 099.1</b>
December	214.1	244.5	692.9	58.9	66.4	1 370.2	^ 18.8	<b>2 665.8</b>
<b>2003</b>								
March	234.1	197.2	596.2	89.3	59.0	1 076.0	*24.0	<b>2 275.8</b>
June	^ 222.6	121.5	486.3	103.8	48.5	1 469.1	*12.9	<b>2 464.7</b>

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Period	Roads, highways and subdivisions	Bridges, railways and harbours	Electricity generation, transmission etc. and pipelines	Water storage and supply, sewerage and drainage	Telecom- munications	Heavy industry	Recreation and other	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
<b>2000-01</b>	86.5	5.5	55.0	24.0	58.5	2.6	15.1	<b>247.2</b>
<b>2001-02</b>	83.8	20.8	254.2	34.2	72.7	4.5	14.1	<b>484.3</b>
<b>2002-03</b>	97.2	15.3	83.9	39.1	48.2	4.4	17.3	<b>305.3</b>
<b>2002</b>								
March	28.2	*1.1	88.2	^14.1	33.6	**2.3	^4.6	<b>172.2</b>
June	18.2	0.3	20.8	^9.4	16.5	^1.9	^3.3	<b>70.4</b>
September	14.0	1.4	51.1	*14.1	10.8	4.0	^3.6	<b>99.0</b>
December	24.4	^3.9	24.7	**7.6	7.2	—	*2.9	^70.6
<b>2003</b>								
March	34.1	6.0	2.5	*7.3	12.9	—	*3.4	<b>66.1</b>
June	^24.7	^4.0	5.7	10.0	17.3	0.3	*7.5	<b>69.5</b>
VALUE OF WORK DONE DURING PERIOD								
<b>2000-01</b>	104.6	14.8	50.5	15.8	58.5	5.5	14.5	<b>264.2</b>
<b>2001-02</b>	83.3	18.6	252.8	23.4	58.3	3.7	13.7	<b>453.8</b>
<b>2002-03</b>	95.9	20.8	133.1	41.4	51.7	2.8	18.3	<b>364.1</b>
<b>2002</b>								
March	23.5	5.0	105.7	*5.0	13.2	**0.9	^3.9	<b>157.3</b>
June	24.4	4.6	121.5	^9.1	22.4	*2.6	^4.0	<b>188.5</b>
September	11.3	4.0	67.2	*8.1	15.2	0.2	^3.9	<b>109.9</b>
December	25.9	6.0	24.2	*11.9	8.5	1.4	*2.3	<b>80.2</b>
<b>2003</b>								
March	33.1	5.7	18.8	^9.1	11.5	0.1	^4.0	<b>82.2</b>
June	^25.7	^5.1	22.9	^12.3	16.5	1.1	*8.2	<b>91.8</b>
VALUE OF WORK YET TO BE DONE								
<b>2000-01</b>	9.7	1.5	33.4	2.7	—	—	0.6	<b>47.9</b>
<b>2001-02</b>	7.7	6.5	31.7	12.6	4.6	0.5	1.0	<b>64.6</b>
<b>2002-03</b>	7.9	1.1	13.1	7.6	0.3	1.2	1.1	<b>32.4</b>
<b>2002</b>								
March	14.6	10.6	113.8	^12.9	20.4	**0.9	^1.7	<b>174.9</b>
June	7.7	6.5	31.7	12.6	4.6	**0.5	^1.0	<b>64.6</b>
September	^10.7	3.8	19.6	^16.6	—	3.8	*2.1	<b>56.5</b>
December	^15.0	5.9	35.1	^13.2	—	2.5	^1.8	<b>73.6</b>
<b>2003</b>								
March	12.8	^3.3	19.2	^10.7	—	1.8	^1.6	<b>49.3</b>
June	^7.9	1.1	13.1	^7.6	0.3	1.2	^1.1	<b>32.4</b>

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<i>Period</i>	<i>Roads, highways and subdivisions</i>	<i>Bridges, railways and harbours</i>	<i>Electricity generation, and transmission etc. and pipelines</i>	<i>Water storage and supply, sewerage and drainage</i>	<i>Telecom- munications</i>	<i>Heavy industry</i>	<i>Recreation and other</i>	<b>Total</b>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
<b>2000-01</b>	35.4	31.7	14.5	12.3	37.1	19.2	16.7	<b>166.7</b>
<b>2001-02</b>	95.2	621.3	13.4	72.1	48.1	1 363.0	14.3	<b>2 227.4</b>
<b>2002-03</b>	54.5	52.8	15.5	14.0	44.7	1 690.1	9.0	<b>1 880.6</b>
<b>2002</b>								
March	8.6	43.3	0.8	*6.6	10.4	1 348.4	*0.9	<b>1 419.2</b>
June	33.0	28.1	6.7	9.2	14.3	12.0	*2.5	<b>105.8</b>
September	^ 10.4	2.3	*1.0	^ 1.2	9.0	1.0	*2.6	<b>27.5</b>
December	*27.7	22.4	*5.2	**3.0	14.0	11.1	*2.8	<b>^ 86.1</b>
<b>2003</b>								
March	*8.3	8.2	^ 4.3	*2.9	8.8	13.0	*1.6	<b>47.1</b>
June	^ 8.2	*19.9	**5.0	*6.9	12.8	1 665.0	^ 2.0	<b>1 719.8</b>
VALUE OF WORK DONE DURING PERIOD								
<b>2000-01</b>	36.9	10.1	16.8	16.2	43.1	27.1	18.1	<b>168.3</b>
<b>2001-02</b>	67.4	238.7	8.0	38.1	56.1	807.6	10.8	<b>1 226.7</b>
<b>2002-03</b>	65.5	360.1	17.1	46.7	51.9	779.6	8.9	<b>1 329.9</b>
<b>2002</b>								
March	10.5	75.4	1.0	^ 12.4	12.0	687.7	^ 1.7	<b>800.7</b>
June	21.5	119.2	1.4	9.3	14.4	114.6	*2.7	<b>283.1</b>
September	18.0	116.1	^ 1.5	10.8	11.0	229.1	*2.7	<b>389.1</b>
December	^ 17.5	78.3	*7.4	^ 13.1	16.1	240.7	^ 2.8	<b>375.9</b>
<b>2003</b>								
March	^ 15.3	80.7	*3.3	16.8	9.4	106.5	*1.7	<b>233.8</b>
June	^ 14.7	85.0	**4.9	*6.0	15.5	203.3	^ 1.8	<b>331.1</b>
VALUE OF WORK YET TO BE DONE								
<b>2000-01</b>	1.7	24.3	5.0	4.2	34.0	4.1	0.2	<b>73.6</b>
<b>2001-02</b>	29.0	383.0	6.0	33.2	25.6	563.4	3.8	<b>1 044.0</b>
<b>2002-03</b>	6.6	72.0	11.2	3.7	18.2	1 737.8	3.3	<b>1 852.8</b>
<b>2002</b>								
March	19.0	471.7	3.9	35.4	26.0	665.9	4.1	<b>1 226.0</b>
June	29.0	383.0	6.0	33.2	25.6	563.4	3.8	<b>1 044.0</b>
September	20.2	262.6	5.5	20.4	23.6	335.5	4.1	<b>672.0</b>
December	*28.6	206.2	8.7	10.7	21.6	110.1	^ 4.1	<b>390.1</b>
<b>2003</b>								
March	^ 13.4	132.7	10.7	*3.3	20.9	276.6	2.9	<b>460.5</b>
June	^ 6.6	^ 72.0	11.2	3.7	18.2	1 737.8	3.3	<b>1 852.8</b>

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	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
<b>2000-01</b>	48.6	0.5	15.6	13.5	74.3	0.1	33.7	<b>186.3</b>
<b>2001-02</b>	85.9	2.2	9.1	19.9	55.0	—	35.8	<b>207.9</b>
<b>2002-03</b>	64.0	2.3	27.2	22.0	48.7	0.3	54.7	<b>219.2</b>
<b>2002</b>								
March	*22.2	—	1.5	5.9	11.0	—	*7.5	^ <b>48.2</b>
June	25.0	—	3.8	3.0	15.1	—	*11.3	<b>58.2</b>
September	8.0	—	4.9	3.4	10.8	—	*11.3	^ <b>38.3</b>
December	9.2	1.3	6.4	8.5	10.7	—	**12.6	^ <b>48.7</b>
<b>2003</b>								
March	^ 27.6	0.9	8.2	5.5	10.2	—	**14.4	^ <b>66.8</b>
June	^ 19.3	—	7.7	4.7	17.0	0.3	*16.4	^ <b>65.4</b>
VALUE OF WORK DONE DURING PERIOD								
<b>2000-01</b>	52.8	0.8	15.3	9.2	90.9	0.1	38.9	<b>207.9</b>
<b>2001-02</b>	77.9	1.9	14.0	15.8	55.5	—	34.8	<b>199.9</b>
<b>2002-03</b>	71.5	2.3	36.9	21.8	48.2	0.2	55.8	<b>236.6</b>
<b>2002</b>								
March	^ 20.2	0.3	4.1	^ 4.1	10.9	—	*7.9	^ <b>47.5</b>
June	^ 24.0	—	4.4	5.3	15.0	—	*8.8	<b>57.4</b>
September	17.4	—	4.8	^ 2.8	10.9	—	*13.4	<b>49.3</b>
December	^ 16.2	0.1	6.9	4.4	10.7	—	**12.8	^ <b>51.1</b>
<b>2003</b>								
March	^ 16.3	1.6	9.2	6.5	10.2	—	**13.6	^ <b>57.4</b>
June	^ 21.6	0.5	16.0	8.1	16.5	0.2	*15.9	^ <b>78.8</b>
VALUE OF WORK YET TO BE DONE								
<b>2000-01</b>	11.9	—	—	2.8	0.9	—	0.8	<b>16.4</b>
<b>2001-02</b>	23.0	—	2.2	1.0	0.1	—	4.4	<b>30.6</b>
<b>2002-03</b>	20.3	0.1	1.7	0.6	0.6	0.4	2.2	<b>25.9</b>
<b>2002</b>								
March	*19.7	—	3.3	^ 4.2	0.1	—	*1.7	^ <b>29.0</b>
June	23.0	—	2.2	**1.0	0.1	—	*4.4	<b>30.6</b>
September	15.4	—	7.6	*1.7	—	—	*2.3	<b>27.0</b>
December	12.2	1.2	3.7	4.9	—	—	0.4	<b>22.6</b>
<b>2003</b>								
March	23.3	0.6	1.2	3.7	0.1	—	**2.4	<b>31.3</b>
June	20.3	0.1	1.7	0.6	0.6	0.4	**2.2	<b>25.9</b>

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	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m

## BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR

<b>2000-01</b>	1 629.8	1 674.3	1 725.2	496.6	1 022.2	19.4	69.2	45.5	<b>6 682.3</b>
<b>2001-02</b>	1 290.4	1 924.5	1 698.3	770.5	1 807.6	236.0	1 080.1	91.6	<b>8 899.0</b>
<b>2002-03</b>	1 821.1	2 718.8	2 725.1	1 078.1	3 405.4	108.1	1 183.9	99.7	<b>13 140.2</b>
<b>2002</b>									
March	274.8	492.1	376.3	193.5	382.0	103.7	766.0	^ 23.1	<b>2 611.4</b>
June	369.1	533.9	528.9	186.8	515.3	122.0	243.4	^ 27.2	<b>2 526.7</b>
September	394.8	639.0	666.6	207.1	673.3	64.1	350.7	^ 21.0	<b>3 016.6</b>
December	444.1	696.0	651.0	309.5	841.7	19.5	338.3	*15.8	<b>3 315.8</b>
<b>2003</b>									
March	457.9	651.5	796.0	293.4	807.4	^ 12.2	206.2	^ 23.2	<b>3 247.8</b>
June	524.4	732.4	611.5	268.1	1 082.9	^ 12.3	288.8	^ 39.6	<b>3 560.1</b>

## BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR

<b>2000-01</b>	1 545.3	743.6	879.2	208.2	678.6	66.3	50.3	83.3	<b>4 254.8</b>
<b>2001-02</b>	1 267.2	777.9	714.5	186.4	666.0	74.8	87.3	57.8	<b>3 831.7</b>
<b>2002-03</b>	1 382.0	830.9	671.4	241.9	696.2	96.4	101.4	91.2	<b>4 111.3</b>
<b>2002</b>									
March	241.7	206.6	164.7	54.2	172.8	22.9	22.7	^ 13.6	<b>899.2</b>
June	284.0	218.2	139.1	52.9	^ 200.1	21.6	25.9	^ 15.4	<b>957.2</b>
September	281.9	190.7	156.6	^ 32.8	206.8	15.5	28.7	^ 17.6	<b>930.7</b>
December	386.6	208.0	220.3	^ 69.6	174.7	*23.9	^ 23.8	^ 24.9	<b>1 131.8</b>
<b>2003</b>									
March	336.5	211.6	125.8	^ 59.7	^ 164.4	31.4	^ 19.2	^ 24.4	<b>972.9</b>
June	377.0	220.5	^ 168.6	^ 79.8	^ 150.3	25.6	29.7	24.4	<b>1 075.9</b>

## TOTAL BY THE PRIVATE SECTOR

<b>2000-01</b>	3 175.2	2 417.9	2 604.4	704.8	1 700.8	85.7	119.5	128.8	<b>10 937.2</b>
<b>2001-02</b>	2 557.6	2 702.4	2 412.8	956.9	2 473.6	310.7	1 167.4	149.4	<b>12 730.7</b>
<b>2002-03</b>	3 203.1	3 549.6	3 396.5	1 320.0	4 101.5	204.6	1 285.2	190.9	<b>17 251.5</b>
<b>2002</b>									
March	516.5	698.7	540.9	247.7	554.7	126.6	788.7	^ 36.7	<b>3 510.7</b>
June	653.1	752.1	668.0	239.7	715.4	143.6	269.3	^ 42.6	<b>3 483.9</b>
September	676.7	829.7	823.2	239.9	880.2	79.7	379.3	^ 38.6	<b>3 947.3</b>
December	830.7	904.0	871.3	379.1	1 016.4	^ 43.4	362.1	^ 40.7	<b>4 447.6</b>
<b>2003</b>									
March	794.4	863.1	921.8	353.1	971.8	43.5	225.4	^ 47.6	<b>4 220.7</b>
June	901.4	952.9	780.1	347.9	1 233.2	38.0	318.4	^ 64.0	<b>4 635.9</b>

^ estimate has a relative standard error of between 10% and 25% and should be used with caution

\* estimate has a relative standard error of between 25% and 50% and should be used with caution



	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
TOTAL BY COMMONWEALTH GOVERNMENT									
<b>2000-01</b>	1 141.8	659.8	573.5	171.4	243.7	57.4	36.1	60.2	<b>2 943.9</b>
<b>2001-02</b>	960.6	565.6	574.5	216.0	307.0	49.3	45.4	50.5	<b>2 768.9</b>
<b>2002-03</b>	867.1	508.8	511.5	201.5	286.4	44.3	42.3	45.7	<b>2 507.6</b>
<b>2002</b>									
March	205.6	121.6	126.2	48.0	68.2	10.6	10.0	10.8	<b>601.0</b>
June	282.1	184.5	192.3	63.9	90.8	16.1	13.5	14.8	<b>858.0</b>
September	203.3	123.7	112.7	43.3	61.5	10.8	9.0	10.7	<b>575.0</b>
December	197.4	82.6	122.1	61.3	87.2	7.2	12.9	10.4	<b>581.1</b>
<b>2003</b>									
March	185.9	119.3	107.7	38.9	55.3	10.4	8.2	9.8	<b>535.5</b>
June	280.5	183.2	169.0	58.0	82.4	15.9	12.2	14.8	<b>816.0</b>
TOTAL BY STATE AND TERRITORY GOVERNMENT									
<b>2000-01</b>	1 372.7	47.3	1 031.7	167.0	124.4	73.9	10.8	18.9	<b>2 846.7</b>
<b>2001-02</b>	1 550.5	35.0	1 028.3	120.7	98.0	49.2	8.2	—	<b>2 889.9</b>
<b>2002-03</b>	1 880.3	41.3	997.3	112.1	116.8	65.0	0.6	—	<b>3 213.4</b>
<b>2002</b>									
March	307.1	*10.6	211.4	35.0	19.5	10.7	1.4	—	<b>595.7</b>
June	478.7	^10.9	280.7	40.1	27.8	15.2	—	—	<b>853.3</b>
September	391.5	11.0	264.8	15.6	28.9	9.5	—	—	<b>721.2</b>
December	497.2	5.0	275.3	23.5	30.6	16.3	**0.6	—	<b>848.5</b>
<b>2003</b>									
March	454.1	8.3	214.2	27.6	22.3	^19.2	—	—	<b>745.7</b>
June	537.5	^17.0	243.1	45.4	35.0	20.0	—	—	<b>898.0</b>
BY LOCAL GOVERNMENT AUTHORITIES									
<b>2000-01</b>	466.8	91.3	534.8	86.2	187.7	47.3	1.8	—	<b>1 415.9</b>
<b>2001-02</b>	528.9	86.1	612.0	123.8	240.6	44.7	5.7	—	<b>1 641.8</b>
<b>2002-03</b>	551.1	90.0	650.6	129.0	215.5	50.3	1.7	—	<b>1 688.2</b>
<b>2002</b>									
March	134.2	21.6	149.1	39.1	^58.8	^9.5	0.6	—	<b>412.8</b>
June	152.1	28.8	164.4	^41.8	^73.3	^13.6	*0.3	—	<b>474.3</b>
September	111.9	13.1	147.2	^17.7	^44.7	^10.0	0.8	—	<b>345.4</b>
December	121.8	17.8	176.8	^31.2	^58.1	^13.3	0.2	—	<b>419.2</b>
<b>2003</b>									
March	^147.8	24.1	129.6	32.2	^59.0	^9.1	0.2	—	<b>402.0</b>
June	169.5	35.1	197.0	47.8	^53.8	^17.9	*0.5	—	<b>521.6</b>

— nil or rounded to zero (including null cells)

\* estimate has a relative standard error of between 25% and 50% and should be used with caution

^ estimate has a relative standard error of between 10% and 25% and should be used with caution

\*\* estimate has a relative standard error greater than 50% and is considered too unreliable for general use

(a) Includes construction work done by public sector organisations with their own workforce only. All work contracted out by public sector organisations to the private sector appears in 'By private for public sector' totals.

*continued*

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<b><i>Aust.</i></b>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....									
TOTAL BY THE PUBLIC SECTOR									
<b>2000-01</b>	2 981.3	798.5	2 140.0	424.7	555.8	178.6	48.7	79.1	<b>7 206.6</b>
<b>2001-02</b>	3 040.0	686.7	2 214.8	460.6	645.7	143.1	59.3	50.5	<b>7 300.6</b>
<b>2002-03</b>	3 298.4	640.2	2 159.5	442.6	618.7	159.5	44.7	45.7	<b>7 409.2</b>
<b>2002</b>									
March	646.9	153.8	486.7	122.1	146.5	30.8	12.0	10.8	<b>1 609.5</b>
June	912.9	224.1	637.4	145.8	191.9	44.9	13.8	14.8	<b>2 185.7</b>
September	706.7	147.8	524.7	76.6	135.1	30.2	9.8	10.7	<b>1 641.7</b>
December	816.4	105.5	574.2	116.0	175.9	36.8	13.7	10.4	<b>1 848.8</b>
<b>2003</b>									
March	787.7	151.7	451.6	98.8	136.5	38.7	8.4	9.8	<b>1 683.2</b>
June	987.6	235.2	609.0	151.3	171.2	53.8	12.7	14.8	<b>2 235.6</b>

(a) Includes construction work done by public sector organisations with their own workforce only. All work contracted out by public sector organisations to the private sector appears in 'By private for public sector' totals.

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR									
<b>2000-01</b>	1 545.3	743.6	879.2	208.2	678.6	66.3	50.3	83.3	<b>4 254.8</b>
<b>2001-02</b>	1 267.2	777.9	714.5	186.4	666.0	74.8	87.3	57.8	<b>3 831.7</b>
<b>2002-03</b>	1 382.0	830.9	671.4	241.9	696.2	96.4	101.4	91.2	<b>4 111.3</b>
<b>2002</b>									
March	241.7	206.6	164.7	54.2	172.8	22.9	22.7	^ 13.6	<b>899.2</b>
June	284.0	218.2	139.1	52.9	^ 200.1	21.6	25.9	^ 15.4	<b>957.2</b>
September	281.9	190.7	156.6	^ 32.8	206.8	15.5	28.7	^ 17.6	<b>930.7</b>
December	386.6	208.0	220.3	^ 69.6	174.7	* 23.9	^ 23.8	^ 24.9	<b>1 131.8</b>
<b>2003</b>									
March	336.5	211.6	125.8	^ 59.7	^ 164.4	31.4	^ 19.2	^ 24.4	<b>972.9</b>
June	377.0	220.5	^ 168.6	^ 79.8	^ 150.3	25.6	29.7	24.4	<b>1 075.9</b>
TOTAL BY THE PUBLIC SECTOR									
<b>2000-01</b>	2 981.3	798.5	2 140.0	424.7	555.8	178.6	48.7	79.1	<b>7 206.6</b>
<b>2001-02</b>	3 040.0	686.7	2 214.8	460.6	645.7	143.1	59.3	50.5	<b>7 300.6</b>
<b>2002-03</b>	3 298.4	640.2	2 159.5	442.6	618.7	159.5	44.7	45.7	<b>7 409.2</b>
<b>2002</b>									
March	646.9	153.8	486.7	122.1	146.5	30.8	12.0	10.8	<b>1 609.5</b>
June	912.9	224.1	637.4	145.8	191.9	44.9	13.8	14.8	<b>2 185.7</b>
September	706.7	147.8	524.7	76.6	135.1	30.2	9.8	10.7	<b>1 641.7</b>
December	816.4	105.5	574.2	116.0	175.9	36.8	13.7	10.4	<b>1 848.8</b>
<b>2003</b>									
March	787.7	151.7	451.6	98.8	136.5	38.7	8.4	9.8	<b>1 683.2</b>
June	987.6	235.2	609.0	151.3	171.2	53.8	12.7	14.8	<b>2 235.6</b>
TOTAL FOR THE PUBLIC SECTOR									
<b>2000-01</b>	4 526.6	1 542.0	3 019.2	632.9	1 234.4	244.8	99.1	162.4	<b>11 461.4</b>
<b>2001-02</b>	4 307.2	1 464.5	2 929.3	646.9	1 311.7	217.9	146.6	108.3	<b>11 132.3</b>
<b>2002-03</b>	4 680.4	1 471.1	2 830.8	684.4	1 314.9	255.9	146.0	136.9	<b>11 520.5</b>
<b>2002</b>									
March	888.6	360.4	651.4	176.3	319.3	53.7	34.8	24.4	<b>2 508.8</b>
June	1 196.9	442.3	776.5	198.7	392.0	66.5	39.7	30.2	<b>3 142.9</b>
September	988.6	338.5	681.3	109.4	342.0	45.8	38.5	28.3	<b>2 572.4</b>
December	1 203.0	313.5	794.5	185.6	350.6	^ 60.7	37.6	35.3	<b>2 980.6</b>
<b>2003</b>									
March	1 124.3	363.3	577.4	158.5	300.9	70.0	27.6	^ 34.2	<b>2 656.1</b>
June	1 364.6	455.8	777.6	231.0	321.5	79.4	42.4	39.2	<b>3 311.5</b>
^ estimate has a relative standard error of between 10% and 25% and should be used with caution									
* estimate has a relative standard error of between 25% and 50% and should be used with caution									

## BY THE PRIVATE SECTOR

	<i>For the private sector</i>	<i>For the public sector</i>	<i>Total</i>	<i>By the public sector</i>	<i>Total for the public sector(a)</i>	<i>Total</i>
	%	%	%	%	%	%
VALUE OF WORK COMMENCED						
Roads, highways and subdivisions	3.1	6.9	2.9	5.4	4.3	<b>2.6</b>
Bridges	49.5	29.8	26.3	7.9	19.1	<b>17.8</b>
Railways	0.1	0.3	0.1	—	—	—
Harbours	42.9	1.8	10.8	4.8	1.7	<b>10.1</b>
Water storage and supply	33.7	17.7	18.2	49.8	27.3	<b>22.5</b>
Sewerage and drainage	13.5	3.0	5.8	9.7	3.0	<b>5.3</b>
Electricity generation, transmission and distribution	16.1	11.1	14.5	—	1.1	<b>7.4</b>
Pipelines	1.9	2.3	1.9	39.2	11.0	<b>1.9</b>
Recreation	13.1	30.2	14.5	8.9	23.3	<b>13.4</b>
Telecommunications	23.8	10.7	15.3	0.1	0.6	<b>2.1</b>
Oil, gas, coal and other minerals	0.4	—	0.4	—	—	<b>0.4</b>
Other heavy industry	16.7	73.4	19.2	—	73.4	<b>19.2</b>
Other	22.5	40.4	23.2	57.1	33.0	<b>22.3</b>
Total	1.6	4.4	1.6	2.6	2.3	<b>1.4</b>

## VALUE OF WORK DONE

Roads, highways and subdivisions	7.4	5.7	5.6	2.8	3.0	<b>3.9</b>
Bridges	16.9	4.5	6.8	3.6	2.9	<b>4.5</b>
Railways	0.7	—	0.5	—	—	<b>0.3</b>
Harbours	20.2	8.6	14.5	7.9	6.4	<b>12.6</b>
Water storage and supply	20.9	17.6	14.8	11.9	10.2	<b>9.8</b>
Sewerage and drainage	18.6	10.4	9.5	10.6	7.6	<b>7.4</b>
Electricity generation, transmission and distribution	12.4	4.7	9.8	—	0.8	<b>4.9</b>
Pipelines	1.3	17.3	1.3	43.7	16.7	<b>1.3</b>
Recreation	12.8	25.8	13.7	5.0	17.5	<b>12.1</b>
Telecommunications	18.6	4.3	9.8	0.1	0.4	<b>1.5</b>
Oil, gas, coal and other minerals	1.0	—	0.9	—	—	<b>0.9</b>
Other heavy industry	19.4	73.4	24.1	—	73.4	<b>24.1</b>
Other	15.7	36.3	16.3	54.5	30.2	<b>15.7</b>
Total	2.3	4.0	2.2	1.0	1.5	<b>1.5</b>

## VALUE OF WORK YET TO BE DONE

Roads, highways and subdivisions	2.4	5.7	2.5	5.9	4.3	<b>2.4</b>
Bridges	0.5	19.2	14.8	7.9	12.3	<b>10.4</b>
Railways	0.9	—	0.1	—	—	<b>0.1</b>
Harbours	0.1	—	0.1	68.7	6.7	<b>4.0</b>
Water storage and supply	43.7	3.2	8.1	56.2	42.8	<b>40.8</b>
Sewerage and drainage	10.2	4.3	4.2	21.8	7.5	<b>6.3</b>
Electricity generation, transmission and distribution	0.8	3.5	1.0	—	1.1	<b>0.7</b>
Pipelines	—	2.8	—	—	1.8	—
Recreation	15.8	8.8	9.0	8.7	6.2	<b>6.5</b>
Telecommunications	38.0	1.3	3.1	9.7	1.3	<b>3.1</b>
Oil, gas, coal and other minerals	0.1	—	0.1	—	—	<b>0.1</b>
Other heavy industry	2.4	—	2.4	—	—	<b>2.4</b>
Other	41.8	1.6	30.1	—	1.6	<b>29.9</b>
Total	0.8	1.3	0.8	15.3	4.9	<b>1.6</b>

— nil or rounded to zero (including null cells)

(a) Includes work done by the private sector for the public sector and work done by the public sector.

## RELATIVE STANDARD ERRORS, States and territories—By type of work

	<i>Roads, highways and subdivisions</i>	<i>Bridges, railways and harbours</i>	<i>Electricity generation, transmission etc. and pipelines</i>	<i>Water storage and supply, sewerage and drainage</i>	<i>Telecom- munications</i>	<i>Heavy industry</i>	<i>Recreation and other</i>	<b>Total</b>
	%	%	%	%	%	%	%	%
.....								
VALUE OF WORK COMMENCED								
NSW	1.8	2.4	0.6	14.9	1.9	19.1	16.2	<b>1.7</b>
Vic.	11.6	24.1	18.4	13.0	7.7	2.1	22.6	<b>6.1</b>
Qld	9.8	7.4	1.5	49.7	1.0	1.4	27.7	<b>5.3</b>
SA	11.4	1.9	—	19.1	8.5	9.4	22.2	<b>5.5</b>
WA	27.8	27.2	5.0	13.8	3.9	0.5	22.4	<b>3.9</b>
Tas.	14.5	11.5	6.3	9.2	0.1	—	36.1	<b>7.0</b>
NT	15.6	45.1	53.4	32.8	1.9	—	22.0	<b>0.6</b>
ACT	21.5	—	—	1.8	0.3	—	47.5	<b>13.5</b>
Total	2.6	5.4	5.7	10.0	2.1	0.4	11.3	<b>1.4</b>
.....								
VALUE OF WORK DONE								
NSW	4.4	1.3	0.5	14.4	1.3	3.3	13.9	<b>2.5</b>
Vic.	10.4	1.0	14.4	11.8	4.9	0.8	22.0	<b>4.9</b>
Qld	8.8	9.4	1.5	12.0	0.8	3.9	26.0	<b>3.7</b>
SA	8.0	4.9	—	21.5	9.4	3.2	20.0	<b>3.6</b>
WA	18.7	3.3	1.7	14.4	3.4	2.0	20.4	<b>3.6</b>
Tas.	13.1	11.1	1.6	11.7	0.1	—	32.9	<b>5.3</b>
NT	11.3	0.6	54.5	35.1	1.8	—	22.2	<b>1.2</b>
ACT	19.2	—	—	0.7	0.3	—	46.8	<b>10.8</b>
Total	3.9	1.9	3.7	6.9	1.5	1.3	10.1	<b>1.5</b>
.....								
VALUE OF WORK YET TO BE DONE								
NSW	1.3	1.0	—	32.0	5.5	0.5	7.7	<b>3.5</b>
Vic.	13.5	0.2	—	8.8	10.3	0.2	33.6	<b>2.2</b>
Qld	6.7	0.7	0.9	51.2	1.3	0.4	11.3	<b>6.7</b>
SA	3.3	0.6	—	13.5	2.7	0.2	34.0	<b>1.4</b>
WA	22.9	—	0.7	9.7	0.5	0.2	26.0	<b>2.7</b>
Tas.	15.0	7.2	—	15.7	—	—	16.0	<b>6.4</b>
NT	24.7	12.4	0.7	9.1	—	—	3.4	<b>0.5</b>
ACT	—	—	—	4.2	—	—	63.5	<b>5.5</b>
Total	2.4	0.7	0.3	19.9	3.1	0.1	6.5	<b>1.6</b>

— nil or rounded to zero (including null cells)

## EXPLANATORY NOTES

### INTRODUCTION

**1** This publication contains estimates of engineering construction activity in Australia by both public and private sector organisations. The estimates were compiled from the Engineering Construction Survey (ECS).

**2** These estimates together with results from the ABS Building Activity Surveys provide a complete quarterly picture of building and construction activity in Australia.

### SCOPE AND COVERAGE OF THE SURVEY

**3** The ECS aims to measure the value of all engineering construction work undertaken in Australia. From the September 2002 quarter, engineering construction activity in the External Territories of Australia is included in these statistics. Jervis Bay is included in New South Wales, while Christmas Island and Cocos-Keeling Islands are included in Western Australia.

**4** The cost of land and the value of building construction is excluded from the surveys scope. Where projects include elements of both building and engineering construction (for example, electricity generation, heavy industrial plant) every effort is taken to exclude the building component from these statistics.

**5** Repair and maintenance activity is excluded from the survey as are the value of any transfers of existing assets, the value of installed machinery and equipment not integral to the structure and the expenses for relocation of utility services.

**6** A contract for the installation of machinery and equipment which is an integral part of a construction project is included in the statistics.

*Statistical units defined on the ABS Business Register*

**7** In the Engineering Construction Survey, the statistical unit used to represent businesses, and for which statistics are reported, is the ABN unit, in most cases. The ABN unit is the business unit which has registered for an ABN, and thus appears on the ATO administered Australian Business Register. This unit is suitable for ABS statistical needs when the business is simple in structure. For more significant and diverse businesses where the ABN unit is not suitable for ABS 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.

**8** Further details about the ABS economic statistical units used in this 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).

## EXPLANATORY NOTES *continued*

### RELATIONSHIP WITH NATIONAL ACCOUNTS

**9** 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 (from *Building Activity, Australia* (cat. no. 8752.0) and the value of engineering construction activity (from the Engineering Construction Survey) are the major source 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 adjustments to the survey data which are made in the process of compiling these national account series. Allowances are made for the value of building 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 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.

### SAMPLE REVISION

**10** The survey frames and samples are revised each quarter to ensure that they remain representative of the survey population. The timing for creating each quarter's survey frame is consistent with that of other ABS surveys. This provides for greater consistency when comparing data across surveys.

### RELIABILITY OF THE ESTIMATES

**11** Since the figures for private sector and public sector organisations are derived from information obtained from a sample of organisations they are subject to sampling error; that is, they may differ from the figures that would have been obtained if information for all organisations for the relevant period had been included in the survey. A measure of the likely difference is given by the relative standard error of each estimate. There are about 2 chances in 3 that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all units had been included, and about 19 chances in 20 that the difference will be less than 2 standard errors. Approximate relative standard errors of the estimates are shown in tables 24 and 25.

**12** An example of the use of standard errors is as follows. If the total value of work done during the quarter is \$2,500m and the associated standard error is 0.5% then there are about 2 chances in 3 that the value which would have been derived if there had been a complete collection would have been within the range \$2,488m to \$2,513m and about 19 chances in 20 that the value would have been within the range \$2,475m to \$2,525m.

**13** Estimates that have an estimated relative standard error between 10% and 25% are annotated with the symbol '^'. These estimates should be used with caution as they are subject to sampling variability too high for some purposes. Estimates with an RSE between 25% and 50% are annotated with the symbol '\*', indicating that the estimate should be used with caution as it is subject to sampling variability too high for most practical purposes. Estimates with an RSE greater than 50% are annotated with the symbol '\*\*' indicating that the sampling variability causes the estimates to be considered too unreliable for general use.

**14** The imprecision due to sampling variability, which is measured by the relative standard error, should not be confused with inaccuracies that may occur because of inadequacies in the source of information, imperfections in reporting by respondents, and errors made in the coding and processing of data. Inaccuracies of this kind are referred to as non-sampling error, and may occur in any enumeration whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by the careful design of questionnaires, efforts to obtain responses for all selected organisations, and efficient operating procedures.

## EXPLANATORY NOTES *continued*

### RELIABILITY OF THE ESTIMATES *continued*

**15** Caution is advised in respect of the value of work commenced (and consequently, the value of work yet to be done) reported by the public sector. It is known that data reported for value of work commenced are a combination of the following: annual works budget estimates which are reported as commencements in the September quarter (and in some cases may subsequently be undertaken by the private sector); genuine commencements as defined in the Glossary, and reported quarterly; commencements being reported as equal to the value of work done for the quarter; commencements of major stages in the case of long-term projects.

### SEASONAL ADJUSTMENT

**16** 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 to adjust the Engineering Construction series, when seasonal factors were only revised following 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 of this improvement, revisions to the seasonally adjusted and trend 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.

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

**18** 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.

### TREND ESTIMATES

**19** 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.

**20** 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.

**21** While the smoothing technique described in paragraphs 19 and 20 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 and as a result of the re-estimation of the seasonal factors. For further information, see *Information Paper: A Guide to Interpreting Time Series—Monitoring Trends: an Overview* (cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on Canberra 02 6252 6076.

### CHAIN VOLUME MEASURES

**22** Chain volume estimates of the value of work done are presented in original, seasonally adjusted and trend terms in tables 1 and 2.

**23** 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



## EXPLANATORY NOTES *continued*

### CHAIN VOLUME MEASURES

*continued*

and new other building components, and the new engineering construction component, of the national accounts aggregate 'Gross fixed capital formation'.

**24** 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 2001–2002). The reference year will be updated annually in the June quarter publication. Quarterly chain volume data in this issue incorporate a new base year, 2001–2002, which has resulted in revisions to growth rates, small in most cases, for the last few years. In addition, the reference year has been advanced to 2001–2002, which has resulted in revisions to levels, but not growth rates, for all periods. 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. 2001–2002). 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).

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

### ACKNOWLEDGMENT

**26** 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*.

### RELATED PUBLICATIONS

**27** Users may also wish to refer to the following publications which are available from ABS Bookshops:

*Building Activity, Australia: Dwelling Unit Commencements, Preliminary*

cat. no. 8750.0—issued quarterly

*Building Activity, Australia* cat. no. 8752.0—issued quarterly

*Building Approvals, Australia* cat. no. 8731.0—issued monthly

*Construction Work Done, Australia, Preliminary* cat. no. 8755.0—issued quarterly

**28** Current publications and other products released by the ABS are listed in the *Catalogue of Publications and Products* (cat. no. 1101.0). This is available from any ABS office or the ABS web site <<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.

### ABS DATA AVAILABLE ON REQUEST

**29** 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 1300 135 070.

## GLOSSARY

<b>Bridges</b>	Includes those for the support of roads, railways, causeways and elevated highways.
<b>Electricity generation, transmission and distribution</b>	Includes power stations; substations; hydroelectric generating plants; associated work i.e. towers; chimneys; transmission and distribution lines.
<b>Harbours</b>	Includes boat and yacht basins; breakwaters; retaining walls; docks and piers; terminals; wharves; dredging works; marinas.
<b>Heavy industry</b>	This category is the total of 'Oil, gas, coal and other minerals' and 'Other heavy industry'.
<b>Oil, gas, coal and other minerals</b>	Includes construction of production, storage and distribution facilities; refineries; pumping stations; construction of mines.
<b>Other heavy industry</b>	Includes construction of chemical plants; blast furnaces; steel mills; other industrial processing plants; ovens.
<b>Ownership</b>	Projects are classified as private sector or public sector according to the expected ownership of the project at the time of completion.
<b>Pipelines</b>	Includes oil and gas pipelines; urban supply mains for gas; pipelines for refined petroleum products, chemicals, foodstuffs, etc.
<b>Railways</b>	Includes tracklaying; overhead power lines and signals; platforms; tramways; tunnels for underground railways; fuel hoppers.
<b>Recreation</b>	Includes golf courses; playing fields; racecourses; stadiums; swimming pools; landscaping; park construction.
<b>Roads, highways and subdivisions</b>	Includes parking areas; cycle paths; airport runways; pedestrian and vehicle overpasses; traffic lights; roundabouts; associated road drainage works; street and highway lighting; road resurfacing, kerbing and guttering, road tunnels.
<b>Sector</b>	<p>The public sector includes Commonwealth Departments and Authorities, State Departments and Authorities, Local Government Authorities, Water, Sewerage and Electricity Authorities and government owned businesses and Statutory Authorities. This publication contains separate estimates for:</p> <ul style="list-style-type: none"><li>Commonwealth Government;</li><li>State and Territory Government; and</li><li>Local Government.</li></ul> <p>All remaining organisations are classified as private sector.</p>
<b>Sewerage and drainage</b>	Includes sanitary and storm sewers; sewage treatment plants; stormwater drains; drainage systems.
<b>Telecommunications</b>	Includes radio, television, microwave and radar transmission towers; telephone and telegraph lines and underground cables; coaxial cables.
<b>Type of construction</b>	<p>In this collection each project is classified to a category of construction without regard to end use. For example, a project involving coal handling equipment at an electricity generating plant is included under Heavy industry. Oil, gas, coal and other minerals and not under Electricity generation, transmission and distribution. Where a project involves more than one category of construction the project is included under the category which accounts for the major part of the contract in terms of value.</p>
<b>Value of work commenced</b>	<p>A project is regarded as having commenced when the site works begin, with the following exceptions:</p> <ul style="list-style-type: none"><li>■ Some public sector authorities are unable to report on this basis. In such cases, the authorities report the value of their annual works budget in September quarter each year.</li><li>■ For very large projects, where a significant amount of work is done off-site, the project may be commenced before the site works begin.</li></ul>

## **GLOSSARY** *continued*

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<b>Value of work done</b>	For the private sector consists of the value of work done on prime contracts, plus speculative contracts, plus work done on own account. For the public sector it is defined as work done by the organisation's own workforce.
<b>Value of work yet to be done</b>	The value of outstanding work for the project at the end of the period. Rise and fall and other cost variations can lead to increases or decreases in the value of work yet to be done.
<b>Water storage and supply</b>	Includes dams; weirs; reservoirs; embankments for water diversion; water pipelines; mains and treatment plants; flood prevention and erosion; aqueducts; water conduits; systems conveying water to residences, commercial and industrial establishments.

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- INTERNET* **www.abs.gov.au** the ABS web site is the best place to start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a statistical profile.
- LIBRARY* A range of ABS publications is available from public and tertiary libraries Australia-wide. Contact your nearest library to determine whether it has the ABS statistics you require, or visit our web site for a list of libraries.
- CPI INFOLINE* For current and historical Consumer Price Index data, call 1902 981 074 (call cost 77c per minute).
- DIAL-A-STATISTIC* For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 77c per minute).

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