

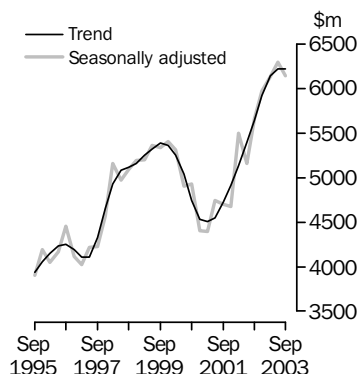
ENGINEERING CONSTRUCTION ACTIVITY

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) FRI 16 JAN 2004

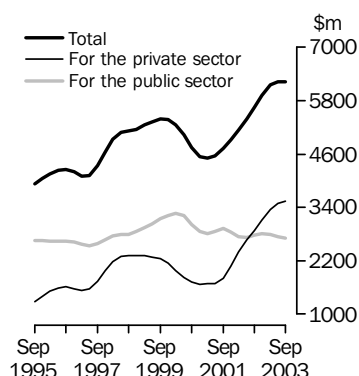
Value of work done

Volume terms
Trend estimates



Value of work done

Volume terms
Trend estimates



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.

KEY FIGURES

	Jun qtr 03 to Sep qtr 03	Sep qtr 02 to Sep qtr 03
Sep qtr 03	\$m	% change

TREND ESTIMATES VOLUME TERMS (a)

Value of work done

For the private sector	3 536.4	1.6	22.9
For the public sector(b)	2 704.1	-1.2	-2.3
Total engineering construction	6 225.8	0.1	10.3

SEASONALLY ADJUSTED VOLUME TERMS (a)

Value of work done

For the private sector	3 477.5	-1.0	21.8
For the public sector(b)	2 665.3	-4.4	-5.1
Total engineering construction	6 142.8	-2.5	8.5

(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 0.1% in the September 2003 quarter. This is the tenth consecutive quarterly rise.
- The trend estimate for the value of work done for the private sector rose 1.6% in the September 2003 quarter, the ninth consecutive quarterly rise. Work done for the public sector fell 1.2% in the September 2003 quarter.

SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for the value of total engineering construction work done fell 2.5%, to \$6,142.8 million, in the September 2003 quarter, following the series highest estimate in the June quarter.
- The seasonally adjusted estimate for the value of work done for the private sector fell 1.0%, to \$3,477.5 million, in the September 2003 quarter. The value of work done for the public sector fell 4.4% to \$2,665.3 million.

ORIGINAL ESTIMATES

- The value of total work done in the September 2003 quarter fell 9.7%, to \$6,029.8 million, following the series highest estimate in the June quarter.
- The value of work done for the private sector rose 3.2%, to \$3,604.2 million, in the September 2003 quarter. This is the highest quarterly estimate since the current series began in the September 1986 quarter. The value of work done for the public sector fell 23.8%, following a 24.3% rise in the June quarter.

NOTES

FORTHCOMING ISSUES

ISSUE (Quarter)

RELEASE DATE

December 2003

16 April 2004

March 2004

19 July 2004

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CHANGES IN THIS ISSUE

There are no changes in this issue.

SIGNIFICANT REVISIONS THIS QUARTER

A revision has been made to work commenced in the September 2002 quarter in 'Railways' in Victoria. Work commenced in 'By Private for Public' has been revised downwards and work commenced in 'By Private for Private' has been revised upwards. This has also resulted in revisions to work done and work yet to be done in all subsequent quarters.

The June 2003 quarter estimate for work done in 'Roads, highways and subdivisions' in New South Wales has been revised upward by \$12.9 million. The June 2003 quarter estimate for work done in 'Electricity generation, transmission etc. and pipelines' in Victoria has been revised upward by \$28.5 million.

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

Dennis Trewin

Australian Statistician

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VALUE OF WORK DONE, Chain volume measures(a)

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(b)</i>	<i>Total</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m

ORIGINAL

2000-01	6 813.2	4 322.5	11 139.4	7 334.4	11 657.5	18 474.2
2001-02	8 899.0	3 832.5	12 731.5	7 300.6	11 133.1	20 032.1
2002-03	12 883.3	3 943.7	16 827.0	7 251.2	11 194.9	24 078.2
2002						
June	2 506.9	946.0	3 452.7	2 171.5	3 117.4	5 624.4
September	2 955.1	912.7	3 867.8	1 624.3	2 537.1	5 492.1
December	3 238.8	1 092.9	4 331.8	1 818.5	2 911.4	6 150.2
2003						
March	3 197.4	918.9	4 116.3	1 642.6	2 561.5	5 758.9
June	3 492.1	1 019.2	4 511.2	2 165.7	3 184.9	6 676.9
September	3 604.2	938.4	4 542.5	1 487.2	2 425.6	6 029.8

SEASONALLY ADJUSTED

2002						
June	2 504.5	900.8	3 405.6	1 755.3	2 656.1	5 161.5
September	2 855.7	948.2	3 803.8	1 859.8	2 808.0	5 663.7
December	3 096.6	1 059.9	4 156.5	1 816.9	2 876.8	5 973.4
2003						
March	3 419.1	958.1	4 377.1	1 762.8	2 720.9	6 140.0
June	3 512.0	977.6	4 489.6	1 811.5	2 789.1	6 301.1
September	3 477.5	961.9	4 439.4	1 703.4	2 665.3	6 142.8

TREND

2002						
June	2 665.4	930.9	3 596.5	1 798.5	2 729.4	5 395.7
September	2 876.7	961.8	3 838.7	1 807.0	2 768.9	5 646.0
December	3 106.5	996.2	4 102.6	1 818.4	2 814.6	5 921.0
2003						
March	3 354.2	994.8	4 350.9	1 796.5	2 791.3	6 147.5
June	3 480.6	974.0	4 455.4	1 764.2	2 738.1	6 219.7
September	3 536.4	958.9	4 485.3	1 742.2	2 704.1	6 225.8

- (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

2000-01	-16.9	-8.1	-13.7	-9.0	-8.6	-11.9
2001-02	30.6	-11.3	14.3	-0.5	-4.5	8.4
2002-03	44.8	2.9	32.2	-0.7	0.6	20.2
2002						
June	-4.2	5.2	-1.8	35.0	24.3	9.8
September	17.9	-3.5	12.0	-25.2	-18.6	-2.4
December	9.6	19.7	12.0	12.0	14.8	12.0
2003						
March	-1.3	-15.9	-5.0	-9.7	-12.0	-6.4
June	9.2	10.9	9.6	31.8	24.3	15.9
September	3.2	-7.9	0.7	-31.3	-23.8	-9.7

SEASONALLY ADJUSTED

2002						
June	-9.9	-3.5	-8.3	-1.5	-2.2	-6.1
September	14.0	5.3	11.7	6.0	5.7	9.7
December	8.4	11.8	9.3	-2.3	2.5	5.5
2003						
March	10.4	-9.6	5.3	-3.0	-5.4	2.8
June	2.7	2.0	2.6	2.8	2.5	2.6
September	-1.0	-1.6	-1.1	-6.0	-4.4	-2.5

TREND

2002						
June	11.3	-0.5	8.0	-0.3	-0.4	5.1
September	7.9	3.3	6.7	0.5	1.4	4.6
December	8.0	3.6	6.9	0.6	1.7	4.9
2003						
March	8.0	-0.1	6.1	-1.2	-0.8	3.8
June	3.8	-2.1	2.4	-1.8	-1.9	1.2
September	1.6	-1.6	0.7	-1.2	-1.2	0.1

(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

2000-01	6 682.3	4 254.8	10 937.2	7 206.6	11 461.4	18 143.7
2001-02	8 899.0	3 831.7	12 730.7	7 300.6	11 132.3	20 031.3
2002-03	13 288.6	4 076.5	17 365.1	7 405.6	11 482.0	24 770.7
2002						
June	2 526.7	957.2	3 483.9	2 185.7	3 142.9	5 669.6
September	3 016.6	930.7	3 947.3	1 641.7	2 572.4	5 589.0
December	3 323.2	1 124.4	4 447.6	1 848.8	2 973.2	6 296.4
2003						
March	3 292.3	955.7	4 248.0	1 683.2	2 638.8	5 931.2
June	3 656.5	1 065.7	4 722.2	2 231.9	3 297.6	6 954.1
September	3 786.0	982.7	4 768.7	1 547.1	2 529.8	6 315.8

SEASONALLY ADJUSTED

2002						
June	2 543.9	912.4	3 456.3	1 767.2	2 679.6	5 223.5
September	2 929.5	967.5	3 897.1	1 880.2	2 847.7	5 777.2
December	3 185.9	1 089.2	4 275.1	1 847.7	2 936.9	6 122.8
2003						
March	3 524.9	993.6	4 518.6	1 806.8	2 800.4	6 325.4
June	3 679.0	1 020.0	4 699.0	1 867.4	2 887.4	6 566.4
September	3 681.2	1 011.6	4 692.9	1 771.8	2 783.5	6 464.7

TREND

2002						
June	2 708.6	941.4	3 650.0	1 809.6	2 751.0	5 459.6
September	2 942.0	981.8	3 923.8	1 827.7	2 809.5	5 751.4
December	3 195.1	1 024.5	4 219.7	1 849.9	2 874.4	6 069.5
2003						
March	3 472.5	1 030.3	4 502.8	1 840.5	2 870.8	6 343.4
June	3 638.9	1 016.8	4 655.8	1 820.6	2 837.4	6 476.4
September	3 742.8	1 002.1	4 744.9	1 804.6	2 806.7	6 549.5

(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

2000-01	-14.2	-4.8	-10.8	-5.8	-5.4	-8.9
2001-02	33.2	-9.9	16.4	1.3	-2.9	10.4
2002-03	49.3	6.4	36.4	1.4	3.1	23.7
2002						
June	-3.2	6.4	-0.8	35.8	25.3	10.7
September	19.4	-2.8	13.3	-24.9	-18.2	-1.4
December	10.2	20.8	12.7	12.6	15.6	12.7
2003						
March	-0.9	-15.0	-4.5	-9.0	-11.2	-5.8
June	11.1	11.5	11.2	32.6	25.0	17.2
September	3.5	-7.8	1.0	-30.7	-23.3	-9.2

SEASONALLY ADJUSTED

2002						
June	-9.1	-2.5	-7.4	-0.9	-1.5	-5.3
September	15.2	6.0	12.8	6.4	6.3	10.6
December	8.8	12.6	9.7	-1.7	3.1	6.0
2003						
March	10.6	-8.8	5.7	-2.2	-4.6	3.3
June	4.4	2.6	4.0	3.4	3.1	3.8
September	0.1	-0.8	-0.1	-5.1	-3.6	-1.5

TREND

2002						
June	12.0	0.3	8.7	0.2	0.2	5.8
September	8.6	4.3	7.5	1.0	2.1	5.3
December	8.6	4.3	7.5	1.2	2.3	5.5
2003						
March	8.7	0.6	6.7	-0.5	-0.1	4.5
June	4.8	-1.3	3.4	-1.1	-1.2	2.1
September	2.9	-1.4	1.9	-0.9	-1.1	1.1

(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

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL									
2000-01	6 156.5	3 216.4	4 744.4	1 129.5	2 256.6	264.2	168.3	207.9	18 143.7
2001-02	5 597.6	3 389.0	4 627.5	1 417.4	3 119.3	453.8	1 226.7	199.9	20 031.3
2002-03	6 503.2	4 255.8	5 560.9	1 768.7	4 741.4	364.0	1 331.6	245.0	24 770.7
2002									
June	1 566.1	976.2	1 305.3	385.5	907.3	188.5	283.1	57.4	5 669.6
September	1 383.4	977.5	1 347.9	316.5	1 015.3	109.9	389.1	49.3	5 589.0
December	1 647.1	1 009.4	1 445.5	495.0	1 192.3	80.2	375.9	^ 51.1	6 296.4
2003									
March	1 576.6	1 043.3	1 369.9	451.8	1 111.1	82.2	233.8	^ 62.4	5 931.2
June	1 896.1	1 225.6	1 397.6	505.3	1 422.7	91.7	332.8	82.2	6 954.1
September	1 811.2	1 131.5	1 226.6	458.3	1 161.2	64.3	412.5	50.2	6 315.8
SEASONALLY ADJUSTED									
2002									
June	1 365.7	919.1	1 223.2	347.8	845.0	156.6	326.3	48.2	5 223.5
September	1 455.5	1 020.2	1 363.1	355.3	1 082.0	140.0	354.5	55.6	5 777.2
December	1 617.3	1 036.8	1 408.4	477.8	1 140.5	85.7	308.1	^ 55.7	6 122.8
2003									
March	1 765.6	1 037.3	1 493.8	467.4	1 177.9	76.4	287.1	^ 61.4	6 325.4
June	1 649.7	1 155.0	1 309.4	456.4	1 330.3	76.3	383.7	69.2	6 566.4
September	1 955.2	1 177.4	1 238.4	516.5	1 228.2	81.5	375.5	57.5	6 464.7
TREND									
2002									
June	1 374.1	934.8	1 226.1	361.1	871.9	76.1	95.6	50.7	5 459.6
September	1 475.5	986.9	1 346.6	391.9	1 024.4	82.9	158.5	52.2	5 751.4
December	1 597.4	1 035.1	1 430.4	433.2	1 146.3	84.3	245.6	58.1	6 069.5
2003									
March	1 691.4	1 075.2	1 416.9	466.0	1 216.0	80.2	318.0	61.9	6 343.4
June	1 777.3	1 125.7	1 347.3	482.8	1 256.4	77.8	360.9	63.4	6 476.4
September	1 865.4	1 180.1	1 260.1	493.5	1 282.0	78.3	383.3	63.0	6 549.5

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

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

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	%	%	%	%	%	%	%	%	%
ORIGINAL									
2000–01	-1.2	-6.8	-9.1	-20.7	-18.7	4.0	-39.2	-23.8	-8.9
2001–02	-9.1	5.4	-2.5	25.5	38.2	71.7	629.1	-3.9	10.4
2002–03	16.2	25.6	20.2	24.8	52.0	-19.8	8.5	22.6	23.7
2002									
June	34.6	14.5	27.0	4.3	29.4	19.8	-64.6	20.8	10.7
September	-11.7	0.1	3.3	-17.9	11.9	-41.7	37.5	-14.2	-1.4
December	19.1	3.3	7.2	56.4	17.4	-27.1	-3.4	3.6	12.7
2003									
March	-4.3	3.4	-5.2	-8.7	-6.8	2.6	-37.8	22.2	-5.8
June	20.3	17.5	2.0	11.8	28.0	11.6	42.4	31.8	17.2
September	-4.5	-7.7	-12.2	-9.3	-18.4	-29.9	23.9	-38.9	-9.2
SEASONALLY ADJUSTED									
2002									
June	2.6	8.6	9.1	-9.2	13.8	7.0	-66.7	1.7	-5.3
September	6.6	11.0	11.4	2.2	28.0	-10.6	8.6	15.5	10.6
December	11.1	1.6	3.3	34.5	5.4	-38.8	-13.1	0.2	6.0
2003									
March	9.2	0.1	6.1	-2.2	3.3	-10.8	-6.8	10.3	3.3
June	-6.6	11.3	-12.3	-2.3	12.9	-0.2	33.6	12.7	3.8
September	18.5	1.9	-5.4	13.2	-7.7	6.8	-2.1	-16.9	-1.5
TREND									
2002									
June	0.6	7.3	7.2	1.7	14.0	14.4	39.3	-0.6	5.8
September	7.4	5.6	9.8	8.5	17.5	9.0	65.8	3.0	5.3
December	8.3	4.9	6.2	10.5	11.9	1.7	55.0	11.2	5.5
2003									
March	5.9	3.9	-0.9	7.6	6.1	-4.9	29.5	6.6	4.5
June	5.1	4.7	-4.9	3.6	3.3	-3.0	13.5	2.4	2.1
September	5.0	4.8	-6.5	2.2	2.0	0.6	6.2	-0.5	1.1

ACTIVITY, States and territories: **Original**

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....									
VALUE OF WORK COMMENCED DURING PERIOD									
2000-01	5 655.2	3 271.8	3 810.7	1 239.1	2 504.0	247.2	166.7	186.3	17 081.0
2001-02	5 530.6	3 490.8	5 071.5	1 628.5	4 682.1	484.3	2 227.4	207.9	23 323.2
2002-03	8 986.8	4 889.5	5 566.4	1 593.7	4 620.9	305.7	1 880.2	224.4	28 067.6
2002									
June	1 229.2	1 032.7	2 060.8	476.0	1 322.3	70.4	105.8	58.2	6 355.2
September	2 764.2	1 551.9	2 394.8	321.3	1 517.3	99.0	27.5	^ 38.3	8 714.4
December	1 229.8	1 248.9	1 011.2	703.3	723.3	^ 70.6	^ 86.1	^ 48.7	5 121.9
2003									
March	2 012.5	1 099.5	921.0	266.7	744.8	66.1	47.1	^ 71.8	5 229.5
June	2 980.4	989.1	1 239.5	302.4	1 635.5	69.9	1 719.5	65.5	9 001.8
September	2 189.1	1 376.7	1 858.1	396.0	698.7	89.2	750.8	38.8	7 397.3
.....									
VALUE OF WORK DONE DURING PERIOD									
2000-01	6 156.5	3 216.4	4 744.4	1 129.5	2 256.6	264.2	168.3	207.9	18 143.7
2001-02	5 597.6	3 389.0	4 627.5	1 417.4	3 119.3	453.8	1 226.7	199.9	20 031.3
2002-03	6 503.2	4 255.8	5 560.9	1 768.7	4 741.4	364.0	1 331.6	245.0	24 770.7
2002									
June	1 566.1	976.2	1 305.3	385.5	907.3	188.5	283.1	57.4	5 669.6
September	1 383.4	977.5	1 347.9	316.5	1 015.3	109.9	389.1	49.3	5 589.0
December	1 647.1	1 009.4	1 445.5	495.0	1 192.3	80.2	375.9	^ 51.1	6 296.4
2003									
March	1 576.6	1 043.3	1 369.9	451.8	1 111.1	82.2	233.8	^ 62.4	5 931.2
June	1 896.1	1 225.6	1 397.6	505.3	1 422.7	91.7	332.8	82.2	6 954.1
September	1 811.2	1 131.5	1 226.6	458.3	1 161.2	64.3	412.5	50.2	6 315.8
.....									
VALUE OF WORK YET TO BE DONE									
2000-01	1 319.3	1 043.6	2 044.1	337.2	994.5	47.9	73.6	16.4	5 876.4
2001-02	1 261.7	1 292.4	2 732.5	606.1	2 546.7	64.6	1 044.0	30.6	9 578.7
2002-03	3 835.7	1 956.8	1 912.8	602.0	2 416.2	29.1	1 849.3	26.6	12 628.5
2002									
June	1 261.7	1 292.4	2 732.5	606.1	2 546.7	64.6	1 044.0	30.6	9 578.7
September	2 585.0	1 889.3	3 634.3	654.5	3 099.1	56.5	672.0	27.0	12 617.8
December	2 341.6	2 153.9	3 099.4	935.5	2 665.8	73.6	390.1	22.6	11 682.5
2003									
March	2 682.8	2 239.4	2 089.7	676.5	2 275.8	49.3	460.5	31.3	10 505.3
June	3 835.7	1 956.8	1 912.8	602.0	2 416.2	29.1	1 849.3	26.6	12 628.5
September	4 147.8	2 164.4	2 457.5	510.6	2 046.7	56.8	2 278.3	12.9	13 675.1

^ estimate has a relative standard error of 10% to less than 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									
2000-01	-9.1	-9.3	-33.7	-8.1	-22.0	-5.0	-30.9	-30.1	-18.3
2001-02	-2.2	6.7	33.1	31.4	87.0	95.9	1 236.1	11.6	36.5
2002-03	62.5	40.1	9.8	-2.1	-1.3	-36.9	-15.6	7.9	20.3
2002									
June	4.9	34.4	181.7	4.7	81.3	-59.1	-92.5	20.7	15.6
September	124.9	50.3	16.2	-32.5	14.8	40.6	-74.0	-34.1	37.1
December	-55.5	-19.5	-57.8	118.9	-52.3	-28.6	212.6	27.1	-41.2
2003									
March	63.6	-12.0	-8.9	-62.1	3.0	-6.4	-45.3	47.5	2.1
June	48.1	-10.0	34.6	13.4	119.6	5.7	3 552.1	-8.8	72.1
September	-26.6	39.2	49.9	30.9	-57.3	27.7	-56.3	-40.8	-17.8
.....									
VALUE OF WORK DONE DURING PERIOD									
2000-01	-1.2	-6.8	-9.1	-20.7	-18.7	4.0	-39.2	-23.8	-8.9
2001-02	-9.1	5.4	-2.5	25.5	38.2	71.7	629.1	-3.9	10.4
2002-03	16.2	25.6	20.2	24.8	52.0	-19.8	8.5	22.6	23.7
2002									
June	34.6	14.5	27.0	4.3	29.4	19.8	-64.6	20.8	10.7
September	-11.7	0.1	3.3	-17.9	11.9	-41.7	37.5	-14.2	-1.4
December	19.1	3.3	7.2	56.4	17.4	-27.1	-3.4	3.6	12.7
2003									
March	-4.3	3.4	-5.2	-8.7	-6.8	2.6	-37.8	22.2	-5.8
June	20.3	17.5	2.0	11.8	28.0	11.6	42.4	31.8	17.2
September	-4.5	-7.7	-12.2	-9.3	-18.4	-29.9	23.9	-38.9	-9.2
.....									
VALUE OF WORK YET TO BE DONE									
2000-01	-38.1	4.5	-14.6	55.7	24.9	10.4	148.3	-72.0	-11.8
2001-02	-4.4	23.8	33.7	79.8	156.1	34.8	1 319.2	87.2	63.0
2002-03	204.0	51.4	-30.0	-0.7	-5.1	-54.9	77.1	-13.1	31.8
2002									
June	-14.5	11.1	36.0	29.3	11.4	-63.1	-14.8	5.5	8.4
September	104.9	46.2	33.0	8.0	21.7	-12.5	-35.6	-12.0	31.7
December	-9.4	14.0	-14.7	42.9	-14.0	30.2	-42.0	-16.4	-7.4
2003									
March	14.6	4.0	-32.6	-27.7	-14.6	-33.0	18.0	38.8	-10.1
June	43.0	-12.6	-8.5	-11.0	6.2	-41.0	301.6	-15.0	20.2
September	8.1	10.6	28.5	-15.2	-15.3	95.1	23.2	-51.6	8.3

ACTIVITY, By type: **Original**

	<i>Roads, highways and subdivisions</i>	<i>Bridges</i>	<i>Railways</i>	<i>Harbours</i>	<i>Water storage and supply</i>	<i>Sewerage and drainage</i>	<i>Electricity generation, transmission and distribution</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
VALUE OF WORK COMMENCED DURING PERIOD							
2000-01	4 662.0	235.4	648.1	193.1	700.5	772.3	2 198.6
2001-02	4 968.0	349.5	1 111.0	392.0	574.2	827.2	3 082.8
2002-03	8 099.7	267.3	2 224.6	379.7	792.0	1 134.9	2 494.7
2002							
June	1 149.3	^ 68.5	66.4	58.5	^ 165.4	^ 128.3	722.4
September	1 494.0	117.5	1 963.0	148.5	^ 216.6	464.5	833.1
December	1 535.4	44.9	71.8	^ 50.3	^ 180.6	^ 154.6	522.9
2003							
March	2 139.2	54.4	78.6	^ 59.7	^ 198.4	^ 166.0	590.7
June	2 931.1	50.4	111.2	121.2	196.5	349.8	547.9
September	2 073.7	57.0	586.4	93.3	^ 386.5	^ 526.2	1 148.5
.....							
VALUE OF WORK DONE DURING PERIOD							
2000-01	5 266.4	331.3	608.1	198.5	626.1	978.2	3 002.4
2001-02	5 179.7	326.3	867.2	320.1	592.8	729.6	3 121.4
2002-03	6 324.9	311.9	1 287.1	298.9	635.0	975.7	3 293.6
2002							
June	1 414.3	^ 100.1	296.7	76.1	161.0	205.8	811.3
September	1 255.8	^ 81.8	270.6	^ 96.6	125.2	206.3	792.6
December	1 702.0	82.7	371.8	^ 69.5	147.3	220.7	849.4
2003							
March	1 582.9	76.7	314.9	70.3	153.1	230.9	781.9
June	1 784.3	70.8	329.8	62.4	209.4	317.8	869.8
September	1 617.3	^ 58.8	345.5	104.2	^ 210.6	^ 311.0	805.0
.....							
VALUE OF WORK YET TO BE DONE DURING PERIOD							
2000-01	1 623.1	91.1	377.7	53.1	464.4	252.8	1 114.6
2001-02	1 275.7	115.1	611.5	140.9	398.7	346.7	1 371.0
2002-03	3 117.0	85.2	1 553.5	206.7	320.9	502.6	733.8
2002							
June	1 275.7	115.1	611.5	140.9	^ 398.7	346.7	1 371.0
September	1 548.8	146.4	2 304.4	197.4	^ 323.4	559.0	1 430.5
December	1 437.1	123.7	2 005.9	184.7	^ 282.0	580.6	1 142.2
2003							
March	1 955.5	96.1	1 784.3	185.0	*347.2	463.1	960.6
June	3 117.0	85.2	1 553.5	206.7	320.9	502.6	733.8
September	3 488.6	81.6	1 791.3	199.1	*498.3	^ 645.2	1 050.2
.....							
^ estimate has a relative standard error of 10% to less than 25% and should be used with caution							
* estimate has a relative standard error of 25% to 50% and should be used with caution							
.....							

	Pipelines	Recreation	Telecom- munications	Oil, gas, coal and other minerals	Other heavy industry	Other	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD							
2000-01	251.3	979.4	4 265.7	1 586.3	425.7	162.6	17 081.0
2001-02	1 281.2	1 089.3	3 273.2	5 881.8	254.8	238.2	23 323.2
2002-03	851.0	1 471.6	2 979.7	6 866.8	199.2	306.3	28 067.6
2002							
June	944.7	^ 300.0	927.1	1 692.1	74.2	*58.2	6 355.2
September	101.5	^ 439.1	664.0	2 100.2	103.5	*68.8	8 714.4
December	513.0	^ 341.3	704.2	932.3	*11.9	^ 58.7	5 121.9
2003							
March	71.3	^ 348.7	660.2	730.7	54.7	^ 76.8	5 229.5
June	165.2	342.5	951.2	3 103.6	29.1	102.0	9 001.8
September	748.4	^ 370.6	616.9	623.0	^ 36.5	^ 130.3	7 397.3
VALUE OF WORK DONE DURING PERIOD							
2000-01	287.4	1 010.9	3 883.4	1 463.7	321.7	165.6	18 143.7
2001-02	547.9	1 141.4	3 467.4	3 139.5	365.7	232.4	20 031.3
2002-03	938.7	1 380.7	3 199.1	5 635.2	230.0	259.7	24 770.7
2002							
June	295.8	^ 323.8	994.8	841.9	88.4	*59.7	5 669.6
September	215.5	^ 364.3	760.5	1 276.9	72.7	*70.2	5 589.0
December	247.2	^ 358.0	771.3	1 376.6	^ 50.1	^ 49.9	6 296.4
2003							
March	227.6	^ 297.2	688.5	1 404.4	49.2	^ 53.5	5 931.2
June	248.3	361.3	978.9	1 577.3	58.1	86.0	6 954.1
September	404.0	^ 330.3	646.5	1 341.1	47.0	^ 94.6	6 315.8
VALUE OF WORK YET TO BE DONE DURING PERIOD							
2000-01	22.3	108.3	757.9	786.2	200.8	23.9	5 876.4
2001-02	832.4	88.6	531.4	3 740.8	109.5	16.4	9 578.7
2002-03	748.9	131.5	216.2	4 930.6	73.1	8.7	12 628.5
2002							
June	832.4	88.6	531.4	3 740.8	109.5	16.4	9 578.7
September	722.2	^ 153.6	437.3	4 655.7	126.4	12.6	12 617.8
December	991.0	^ 118.6	357.5	4 342.9	102.3	^ 13.8	11 682.5
2003							
March	834.0	173.9	280.8	3 273.7	^ 123.1	*28.1	10 505.3
June	748.9	131.5	216.2	4 930.6	73.1	8.7	12 628.5
September	1 075.9	146.9	159.5	4 438.5	61.9	^ 38.0	13 675.1

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

	Roads, highways and subdivisions	Bridges	Railways	Harbours	Water storage and supply	Sewerage and drainage	Electricity generation, transmission and distribution
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR							
2000-01	1 220.0	7.9	70.9	95.3	151.4	132.7	944.7
2001-02	1 564.5	70.5	575.7	127.2	126.0	208.3	1 327.1
2002-03	4 405.5	54.3	553.0	194.0	176.9	312.1	1 049.6
2002							
June	438.2	^ 14.3	41.0	^ 10.7	*29.8	^ 41.2	379.8
September	471.7	34.6	457.5	96.8	^ 43.2	^ 52.2	251.4
December	^ 643.1	1.1	41.6	31.8	^ 26.7	^ 39.5	243.7
2003							
March	1 180.8	13.1	23.6	^ 37.5	^ 53.7	^ 74.9	306.7
June	2 109.9	5.5	30.2	27.9	53.4	145.4	247.7
September	^ 795.7	^ 6.7	53.5	^ 51.7	*55.5	**118.2	287.0
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR							
2000-01	1 769.8	139.2	81.6	63.2	237.3	368.4	192.1
2001-02	1 568.1	165.8	54.8	206.0	107.2	321.3	614.0
2002-03	1 639.8	112.4	1 212.4	140.6	193.2	478.4	142.6
2002							
June	342.9	*28.8	11.9	^ 33.0	^ 42.6	^ 54.6	87.5
September	283.3	*32.8	1 179.3	*30.9	*22.3	201.7	^ 20.6
December	449.4	^ 26.9	0.5	^ 12.4	^ 47.6	*50.6	*49.9
2003							
March	555.9	25.6	30.5	^ 11.2	63.0	^ 58.7	*37.7
June	351.1	27.2	2.0	86.1	60.3	167.3	34.4
September	597.3	*16.0	269.4	15.6	^ 94.9	^ 84.6	84.7
TOTAL BY THE PRIVATE SECTOR							
2000-01	2 989.8	147.1	152.4	158.6	388.8	501.1	1 136.8
2001-02	3 132.6	236.3	630.5	333.3	233.2	529.6	1 941.1
2002-03	6 045.3	166.7	1 765.3	334.6	370.1	790.5	1 192.1
2002							
June	781.1	*43.1	52.9	^ 43.8	^ 72.3	^ 95.7	467.3
September	755.0	^ 67.4	1 636.8	127.7	^ 65.4	253.9	272.0
December	1 092.6	^ 28.0	42.0	^ 44.2	^ 74.3	^ 90.2	293.6
2003							
March	1 736.7	38.6	54.2	^ 48.7	^ 116.7	^ 133.6	344.4
June	2 461.0	32.7	32.3	114.0	113.7	312.8	282.1
September	1 393.0	^ 22.7	322.9	^ 67.3	^ 150.4	^ 202.7	371.6

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

	Pipelines	Recreation	Telecom- munications	Oil, gas, coal and other minerals	Other heavy industry	Other	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR							
2000-01	206.0	695.3	698.8	1 566.4	417.6	123.6	6 330.6
2001-02	1 241.7	786.9	295.7	5 878.6	254.6	194.9	12 651.7
2002-03	817.6	1 012.4	279.4	6 841.9	193.7	261.1	16 151.5
2002							
June	935.7	^ 221.9	^ 36.0	1 691.4	74.1	*48.6	3 962.6
September	91.3	^ 287.3	29.3	2 098.8	103.4	*66.8	4 084.3
December	501.0	^ 279.5	75.9	923.6	*11.9	^ 53.8	2 873.2
2003							
March	^ 61.2	^ 214.6	^ 92.6	721.2	54.7	^ 55.0	2 889.7
June	164.1	231.0	81.6	3 098.2	23.8	85.4	6 304.3
September	738.7	^ 261.1	^ 170.1	617.7	^ 35.7	^ 119.5	3 311.1
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR							
2000-01	20.2	133.3	567.9	19.9	8.2	35.2	3 636.3
2001-02	11.4	136.3	190.5	2.6	0.3	41.8	3 420.1
2002-03	3.4	257.4	173.4	0.7	5.5	39.5	4 399.3
2002							
June	*0.5	*54.2	32.9	0.1	0.1	9.5	698.6
September	**0.1	^ 45.2	^ 52.7	**0.1	**0.2	^ 1.5	1 870.7
December	*0.1	*27.0	^ 39.1	—	—	*4.8	708.4
2003							
March	3.1	^ 100.4	30.9	0.6	—	*21.2	938.8
June	0.1	84.8	50.8	0.1	5.4	12.0	881.5
September	**—	*57.6	^ 34.6	**4.0	0.3	**7.7	1 266.7
TOTAL BY THE PRIVATE SECTOR							
2000-01	226.2	828.6	1 266.7	1 586.2	425.7	158.8	9 966.9
2001-02	1 253.1	923.1	486.3	5 881.2	254.8	236.6	16 071.8
2002-03	821.1	1 269.9	452.8	6 842.6	199.2	300.6	20 550.8
2002							
June	936.1	^ 276.1	^ 68.9	1 691.5	74.2	*58.1	4 661.2
September	91.4	^ 332.5	81.9	2 098.9	103.5	*68.3	5 954.9
December	501.1	^ 306.5	^ 115.0	923.6	*11.9	^ 58.6	3 581.6
2003							
March	64.3	^ 315.0	^ 123.4	721.8	54.7	^ 76.2	3 828.5
June	164.2	315.8	132.4	3 098.3	29.1	97.4	7 185.8
September	738.8	^ 318.7	^ 204.7	621.7	^ 36.0	^ 127.3	4 577.7

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

— nil or rounded to zero (including null cells)

	<i>Roads, highways and subdivisions</i>	<i>Bridges</i>	<i>Railways</i>	<i>Harbours</i>	<i>Water storage and supply</i>	<i>Sewerage and drainage</i>	<i>Electricity generation, transmission and distribution</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR							
2000-01	1 272.1	12.6	90.4	88.8	183.9	190.3	1 451.0
2001-02	1 544.7	32.8	269.7	102.8	141.2	155.5	1 349.2
2002-03	2 458.4	74.3	524.4	138.0	163.4	280.1	1 317.2
2002							
June	450.5	18.3	111.7	23.1	*36.6	^ 49.1	291.4
September	482.3	18.6	116.7	^ 24.8	^ 32.0	^ 54.0	293.6
December	610.2	19.5	142.2	^ 30.8	^ 37.8	^ 76.2	322.7
2003							
March	628.8	19.9	120.1	^ 45.7	^ 45.6	^ 75.3	347.6
June	737.2	16.3	145.4	36.8	48.0	74.7	353.3
September	^ 846.2	13.3	80.9	^ 48.3	*59.1	**124.6	333.1
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR							
2000-01	2 331.8	219.7	106.0	69.6	194.5	541.5	249.5
2001-02	1 949.8	176.3	63.6	152.6	211.7	340.7	353.3
2002-03	1 974.0	145.6	230.5	117.8	182.0	422.7	431.6
2002							
June	463.0	^ 49.6	18.7	^ 37.7	53.1	^ 97.3	103.5
September	400.4	^ 42.0	24.1	^ 55.6	^ 26.7	^ 103.0	136.1
December	606.7	^ 40.2	77.8	^ 29.9	^ 39.4	^ 82.7	121.0
2003							
March	499.6	35.4	76.4	^ 14.6	^ 44.5	^ 83.9	81.9
June	467.3	28.0	52.2	17.6	71.4	153.0	92.6
September	379.6	^ 26.6	122.5	29.9	*84.9	^ 122.4	^ 68.9
TOTAL BY THE PRIVATE SECTOR							
2000-01	3 603.8	232.4	196.4	158.4	378.4	731.8	1 700.5
2001-02	3 494.5	209.1	333.3	255.4	352.8	496.2	1 702.5
2002-03	4 432.4	219.8	754.9	255.8	345.4	702.8	1 748.8
2002							
June	913.5	^ 67.9	130.3	^ 60.8	^ 89.7	^ 146.4	394.9
September	882.7	^ 60.6	140.8	^ 80.4	^ 58.8	^ 157.0	429.6
December	1 216.8	59.7	220.0	^ 60.8	^ 77.2	^ 158.9	443.7
2003							
March	1 128.4	55.3	196.5	60.3	^ 90.0	159.2	429.5
June	1 204.5	44.2	197.6	54.4	119.4	227.7	446.0
September	1 225.8	^ 39.9	203.4	78.1	^ 143.9	^ 247.0	401.9

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

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

	Pipelines	Recreation	Telecom- munications	Oil, gas, coal and other minerals	Other heavy industry	Other	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR							
2000-01	235.7	713.6	624.2	1 411.4	284.9	123.4	6 682.3
2001-02	500.2	779.6	362.1	3 105.7	364.9	190.6	8 899.0
2002-03	907.2	1 006.8	357.4	5 610.3	224.5	226.5	13 288.6
2002							
June	281.8	^ 209.8	75.4	839.1	88.3	*51.7	2 526.7
September	211.1	^ 276.3	92.9	1 275.4	72.5	*66.5	3 016.6
December	239.2	^ 289.5	93.6	1 367.9	^ 50.1	^ 43.7	3 323.2
2003							
March	214.0	^ 214.1	^ 91.2	1 395.0	49.2	^ 45.8	3 292.3
June	243.0	226.9	79.7	1 571.9	52.7	70.5	3 656.5
September	396.7	^ 240.8	^ 173.8	1 338.2	46.8	^ 84.2	3 786.0
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR							
2000-01	27.1	145.5	261.5	52.3	17.4	38.4	4 254.8
2001-02	16.3	172.4	320.5	33.2	0.8	40.5	3 831.7
2002-03	8.5	216.6	313.4	0.7	5.5	27.8	4 076.5
2002							
June	^ 1.1	*64.2	58.9	2.2	0.1	7.8	957.2
September	*0.1	^ 47.2	91.5	**0.1	**0.2	3.5	930.7
December	*0.8	^ 30.7	89.1	*—	—	*6.1	1 124.4
2003							
March	3.9	*48.7	58.9	0.6	—	*7.4	955.7
June	3.7	90.0	73.9	0.1	5.4	10.7	1 065.7
September	*0.7	^ 60.9	77.0	**1.6	0.1	**7.8	982.7
TOTAL BY THE PRIVATE SECTOR							
2000-01	262.8	859.2	885.7	1 463.7	302.3	161.7	10 937.2
2001-02	516.5	952.0	682.6	3 138.8	365.7	231.1	12 730.7
2002-03	915.7	1 223.4	670.8	5 611.0	230.0	254.3	17 365.1
2002							
June	282.9	^ 274.1	134.3	841.2	88.4	*59.6	3 483.9
September	211.2	^ 323.6	184.4	1 275.5	72.7	*70.0	3 947.3
December	239.9	^ 320.1	182.7	1 367.9	^ 50.1	^ 49.8	4 447.6
2003							
March	217.9	^ 262.8	150.1	1 395.5	49.2	^ 53.3	4 248.0
June	246.7	316.8	153.6	1 572.0	58.1	81.2	4 722.2
September	397.3	^ 301.7	250.8	1 339.8	47.0	^ 92.0	4 768.7

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— nil or rounded to zero (including null cells)

	<i>Roads, highways and subdivisions</i>	<i>Bridges</i>	<i>Railways</i>	<i>Harbours</i>	<i>Water storage and supply</i>	<i>Sewerage and drainage</i>	<i>Electricity generation, transmission and distribution</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR							
2000-01	206.4	0.2	52.1	30.6	16.5	16.1	457.6
2001-02	270.6	36.5	339.2	51.3	9.3	73.0	572.2
2002-03	2 347.7	14.3	360.7	83.9	26.9	118.9	399.4
2002							
June	270.6	36.5	339.2	51.3	^ 9.3	73.0	572.2
September	322.4	48.4	674.5	122.7	22.5	83.0	553.2
December	^ 395.4	29.8	577.2	124.1	^ 18.1	^ 59.4	484.7
2003							
March	902.0	22.0	488.1	127.4	*30.4	^ 55.0	475.4
June	2 347.7	14.3	360.7	83.9	26.9	118.9	399.4
September	2 283.2	10.5	332.9	83.2	^ 23.0	90.8	403.6
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR							
2000-01	1 157.4	67.0	26.4	22.1	153.5	148.0	90.6
2001-02	766.6	57.4	26.2	88.2	46.8	149.9	345.2
2002-03	484.8	42.6	1 017.6	110.9	85.9	264.9	124.5
2002							
June	766.6	57.4	26.2	88.2	46.8	149.9	345.2
September	633.6	50.0	1 186.7	68.4	46.1	245.3	236.2
December	544.5	52.7	1 107.6	46.3	^ 66.5	270.4	176.5
2003							
March	629.6	39.2	1 067.9	43.1	91.6	216.2	110.1
June	484.8	42.6	1 017.6	110.9	85.9	264.9	124.5
September	702.0	31.9	1 160.2	105.4	^ 112.6	236.7	121.4
TOTAL BY THE PRIVATE SECTOR							
2000-01	1 363.8	67.1	78.5	52.7	170.0	164.2	548.1
2001-02	1 037.2	93.9	365.5	139.5	56.1	222.9	917.4
2002-03	2 832.6	56.8	1 378.3	194.8	112.8	383.9	523.8
2002							
June	1 037.2	93.9	365.5	139.5	56.1	222.9	917.4
September	956.0	98.4	1 861.2	191.1	68.7	328.3	789.4
December	939.8	82.4	1 684.8	170.4	84.6	329.8	661.2
2003							
March	1 531.5	61.2	1 555.9	170.5	122.0	271.1	585.5
June	2 832.6	56.8	1 378.3	194.8	112.8	383.9	523.8
September	2 985.3	42.5	1 493.1	188.6	^ 135.6	327.4	525.0

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	Pipelines	Recreation	Telecom- munications	Oil, gas, coal and other minerals	Other heavy industry	Other	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m

BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR

2000-01	16.0	34.8	263.6	757.6	200.3	17.6	2 069.4
2001-02	826.0	45.5	114.0	3 740.8	109.5	8.9	6 196.7
2002-03	747.8	28.1	16.9	4 930.6	73.1	5.5	9 153.7
2002							
June	826.0	^ 45.5	114.0	3 740.8	109.5	8.9	6 196.7
September	710.0	^ 51.4	52.8	4 655.7	126.4	6.5	7 429.5
December	967.4	*38.4	18.8	4 342.9	102.3	^ 8.6	7 167.1
2003							
March	814.1	^ 35.0	*17.8	3 273.7	^ 123.1	^ 9.3	6 373.2
June	747.8	28.1	16.9	4 930.6	73.1	5.5	9 153.7
September	1 071.7	^ 42.8	7.1	4 436.3	61.2	^ 33.9	8 880.4

BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR

2000-01	6.4	26.6	490.8	28.6	0.5	6.3	2 224.1
2001-02	—	13.1	413.4	—	—	7.4	1 914.4
2002-03	0.2	54.2	198.9	—	—	3.1	2 387.6
2002							
June	—	*13.1	413.4	—	—	7.4	1 914.4
September	—	^ 9.9	374.5	—	—	5.9	2 856.6
December	4.5	^ 6.9	328.1	—	—	^ 4.8	2 608.7
2003							
March	3.8	64.1	255.4	—	—	*18.4	2 539.1
June	0.2	54.2	198.9	—	—	3.1	2 387.6
September	**0.3	43.2	135.5	**2.3	0.2	3.0	2 654.7

TOTAL BY THE PRIVATE SECTOR

2000-01	22.3	61.4	754.4	786.2	200.8	23.9	4 293.5
2001-02	826.0	58.5	527.4	3 740.8	109.5	16.4	8 111.1
2002-03	748.0	82.3	215.7	4 930.6	73.1	8.6	11 541.3
2002							
June	826.0	^ 58.5	527.4	3 740.8	109.5	16.4	8 111.1
September	710.0	^ 61.3	427.3	4 655.7	126.4	12.4	10 286.1
December	971.9	*45.3	346.9	4 342.9	102.3	^ 13.4	9 775.8
2003							
March	817.8	99.0	273.2	3 273.7	^ 123.1	*27.7	8 912.3
June	748.0	82.3	215.7	4 930.6	73.1	8.6	11 541.3
September	1 072.0	86.1	142.6	4 438.5	61.4	^ 37.0	11 535.0

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— nil or rounded to zero (including null cells)

	<i>Roads, highways and subdivisions</i>	<i>Bridges</i>	<i>Railways</i>	<i>Harbours</i>	<i>Water storage and supply</i>	<i>Sewerage and drainage</i>	<i>Electricity generation, transmission and distribution</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
VALUE OF WORK COMMENCED DURING PERIOD							
2000-01	1 672.2	88.3	495.7	34.5	311.7	271.2	1 061.8
2001-02	1 835.4	113.2	480.5	58.8	341.0	297.6	1 141.7
2002-03	2 054.4	100.5	459.3	45.1	421.9	344.4	1 302.6
2002							
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
2003							
March	402.5	^ 15.8	24.4	11.0	*81.7	*32.4	246.4
June	470.1	17.8	78.9	7.2	82.8	37.0	265.8
September	680.8	34.3	263.5	26.0	^ 236.1	^ 323.4	776.9
.....							
VALUE OF WORK DONE DURING PERIOD							
2000-01	1 662.6	99.0	411.7	40.1	247.8	246.4	1 301.9
2001-02	1 685.2	117.1	533.9	64.6	239.9	233.4	1 418.9
2002-03	1 892.6	92.1	532.1	43.1	289.6	272.9	1 544.9
2002							
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
2003							
March	454.5	^ 21.4	118.4	10.1	^ 63.1	^ 71.6	352.4
June	579.7	26.5	132.2	8.1	90.0	90.1	423.8
September	391.5	18.9	142.2	26.1	^ 66.7	^ 64.0	403.0
.....							
VALUE OF WORK YET TO BE DONE							
2000-01	259.3	23.9	299.2	0.4	294.4	88.6	566.5
2001-02	238.5	21.2	246.1	1.4	342.6	123.7	453.6
2002-03	284.4	28.3	175.2	11.9	208.1	118.7	210.0
2002							
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
2003							
March	424.0	34.9	228.4	**14.5	*225.1	^ 192.0	375.1
June	284.4	28.3	175.2	11.9	208.1	118.7	210.0
September	503.4	39.1	298.2	**10.5	*362.7	^ 317.8	525.3

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	Pipelines	Recreation	Telecom- munications	Oil, gas, coal and other minerals	Other heavy industry	Other	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
VALUE OF WORK COMMENCED DURING PERIOD							
2000-01	25.2	150.7	2 999.0	—	—	3.8	7 114.1
2001-02	28.1	166.1	2 786.9	0.7	—	1.6	7 251.4
2002-03	30.0	201.7	2 526.9	24.2	—	5.7	7 516.8
2002							
June	8.6	23.9	858.2	0.7	—	—	1 694.0
September	*10.2	^106.6	582.0	1.4	—	0.5	2 759.5
December	**11.9	^34.8	589.2	^8.7	—	**0.1	1 540.3
2003							
March	*6.9	^33.6	536.8	8.9	—	0.6	1 401.0
June	1.0	26.7	818.9	5.3	—	4.6	1 816.0
September	**9.7	51.9	412.2	1.2	**0.6	^3.1	2 819.6
.....							
VALUE OF WORK DONE DURING PERIOD							
2000-01	24.5	151.7	2 997.7	—	19.4	3.9	7 206.6
2001-02	31.4	189.4	2 784.8	0.7	—	1.2	7 300.6
2002-03	23.0	157.4	2 528.3	24.2	—	5.4	7 405.6
2002							
June	^12.8	49.8	860.5	0.7	—	0.1	2 185.7
September	^4.3	^40.7	576.1	1.4	—	0.2	1 641.7
December	*7.3	^37.9	588.6	^8.7	—	**0.1	1 848.8
2003							
March	*9.7	^34.4	538.4	8.9	—	0.3	1 683.2
June	1.6	44.4	825.3	5.3	—	4.8	2 231.9
September	*6.7	28.5	395.7	1.2	**—	^2.6	1 547.1
.....							
VALUE OF WORK YET TO BE DONE							
2000-01	—	46.9	3.4	—	—	—	1 582.9
2001-02	6.4	30.1	4.0	—	—	—	1 467.6
2002-03	0.9	49.2	0.5	—	—	0.1	1 087.2
2002							
June	6.4	30.1	4.0	—	—	—	1 467.6
September	*12.2	^92.3	10.0	—	—	^0.3	2 331.7
December	**19.1	73.3	^10.6	—	—	*0.4	1 906.6
2003							
March	*16.1	74.9	7.6	—	—	^0.4	1 593.0
June	0.9	49.2	0.5	—	—	0.1	1 087.2
September	**3.9	60.8	16.9	—	**0.5	1.0	2 140.0

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	<i>Roads, highways and subdivisions</i>	<i>Bridges</i>	<i>Railways</i>	<i>Harbours</i>	<i>Water storage and supply</i>	<i>Sewerage and drainage</i>	<i>Electricity generation, transmission and distribution</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
VALUE OF WORK COMMENCED DURING PERIOD							
2000-01	3 442.0	227.5	577.2	97.8	549.1	639.6	1 253.9
2001-02	3 403.5	279.0	535.3	264.8	448.2	618.9	1 755.6
2002-03	3 694.2	213.0	1 671.6	185.7	615.2	822.8	1 445.2
2002							
June	711.1	^ 54.2	25.4	^ 47.8	*135.6	^ 87.1	342.6
September	1 022.4	^ 82.9	1 505.5	^ 51.7	^ 173.4	412.3	581.6
December	892.3	43.8	^ 30.2	^ 18.5	^ 154.0	^ 115.1	279.3
2003							
March	958.4	41.4	54.9	22.2	^ 144.7	^ 91.1	284.0
June	821.1	44.9	81.0	93.3	143.1	204.4	300.2
September	1 278.1	50.3	533.0	41.5	^ 331.0	^ 408.0	861.5
.....							
VALUE OF WORK DONE DURING PERIOD							
2000-01	3 994.4	318.7	517.7	109.6	442.2	787.9	1 551.4
2001-02	3 635.0	293.4	597.5	217.2	451.6	574.1	1 772.2
2002-03	3 866.5	237.7	762.6	160.9	471.6	695.5	1 976.4
2002							
June	963.8	^ 81.8	185.0	^ 53.0	124.4	156.7	519.9
September	773.5	^ 63.2	153.9	^ 71.8	^ 93.2	^ 152.3	499.1
December	1 091.8	^ 63.2	229.6	^ 38.7	109.5	^ 144.5	526.7
2003							
March	954.1	56.8	194.8	24.7	107.6	^ 155.5	434.3
June	1 047.1	54.5	184.3	25.7	161.4	243.1	516.4
September	771.1	^ 45.4	264.6	56.0	^ 151.6	^ 186.4	471.9
.....							
VALUE OF WORK YET TO BE DONE							
2000-01	1 416.7	90.9	325.6	22.5	447.9	236.7	657.1
2001-02	1 005.1	78.6	272.3	89.7	389.4	273.7	798.8
2002-03	769.2	70.9	1 192.8	122.7	294.0	383.7	334.4
2002							
June	1 005.1	78.6	272.3	89.7	^ 389.4	273.7	798.8
September	1 226.4	98.0	1 629.9	74.8	*300.9	476.0	877.3
December	1 041.7	93.9	1 428.8	^ 60.6	*263.9	521.3	657.6
2003							
March	1 053.5	74.1	1 296.3	^ 57.6	*316.7	408.2	485.2
June	769.2	70.9	1 192.8	122.7	294.0	383.7	334.4
September	1 205.4	71.1	1 458.4	115.9	*475.3	^ 554.4	646.7

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	Pipelines	Recreation	Telecom- munications	Oil, gas, coal and other minerals	Other heavy industry	Other	Total
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
VALUE OF WORK COMMENCED DURING PERIOD							
2000-01	45.3	284.1	3 566.9	19.9	8.2	39.0	10 750.4
2001-02	39.5	302.4	2 977.5	3.2	0.3	43.4	10 671.5
2002-03	33.4	459.1	2 700.3	24.9	5.5	45.2	11 916.1
2002							
June	9.0	^ 78.1	891.1	0.8	0.1	9.5	2 392.6
September	*10.2	^ 151.8	634.7	1.4	**0.2	2.0	4 630.2
December	**12.0	^ 61.8	628.3	^ 8.7	—	*4.9	2 248.7
2003							
March	*10.0	^ 134.0	567.7	9.5	—	*21.8	2 339.8
June	1.1	111.5	869.6	5.4	5.4	16.6	2 697.5
September	**9.7	^ 109.5	446.9	**5.2	*0.9	*10.8	4 086.3
.....							
VALUE OF WORK DONE DURING PERIOD							
2000-01	51.7	297.2	3 259.2	52.3	36.8	42.2	11 461.4
2001-02	47.7	361.8	3 105.3	33.8	0.8	41.7	11 132.3
2002-03	31.5	374.0	2 841.7	24.9	5.5	33.1	11 482.0
2002							
June	^ 14.0	^ 114.0	919.4	2.8	0.1	7.9	3 142.9
September	^ 4.5	^ 88.0	667.5	1.4	**0.2	3.7	2 572.4
December	*8.1	^ 68.5	677.7	^ 8.7	—	*6.2	2 973.2
2003							
March	*13.6	^ 83.1	597.3	9.5	—	^ 7.7	2 638.8
June	5.3	134.4	899.2	5.4	5.4	15.5	3 297.6
September	*7.4	^ 89.5	472.6	*2.9	^ 0.2	*10.3	2 529.8
.....							
VALUE OF WORK YET TO BE DONE							
2000-01	6.4	73.5	494.3	28.6	0.5	6.3	3 807.1
2001-02	6.4	43.2	417.4	—	—	7.4	3 382.1
2002-03	1.1	103.4	199.3	—	—	3.2	3 474.8
2002							
June	6.4	43.2	417.4	—	—	7.4	3 382.1
September	*12.2	^ 102.2	384.5	—	—	6.1	5 188.3
December	**23.6	80.2	338.7	—	—	^ 5.2	4 515.4
2003							
March	*19.9	138.9	262.9	—	—	*18.9	4 132.1
June	1.1	103.4	199.3	—	—	3.2	3 474.8
September	**4.2	104.0	152.4	**2.3	*0.7	4.0	4 794.7

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— nil or rounded to zero (including null cells)

<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>Telecom- munications</i>	<i>Heavy industry</i>	<i>Recreation and other</i>	<i>Total</i>
\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
2000-01	1 409.5	573.8	804.3	465.3	1 715.4	413.1	273.8	5 655.2
2001-02	1 672.7	592.5	1 000.6	417.6	1 190.2	408.0	249.0	5 530.6
2002-03	4 043.5	1 393.2	1 020.2	656.7	1 036.2	401.7	435.4	8 986.8
2002								
June	431.1	^ 58.6	224.2	^ 72.5	308.7	73.5	^ 60.6	1 229.2
September	478.3	1 253.8	317.3	287.4	238.7	100.0	^ 88.7	2 764.2
December	469.4	^ 25.0	231.8	^ 117.9	239.2	57.0	^ 89.5	1 229.8
2003								
March	1 103.9	38.1	232.2	^ 83.5	228.9	186.2	^ 139.7	2 012.5
June	1 992.0	76.3	238.8	168.0	329.4	58.5	117.4	2 980.4
September	^ 662.6	283.1	425.8	^ 283.9	231.9	111.6	^ 190.2	2 189.1
VALUE OF WORK DONE DURING PERIOD								
2000-01	1 949.3	489.9	900.1	610.8	1 617.4	308.8	280.2	6 156.5
2001-02	1 752.2	607.1	920.9	433.7	1 235.9	392.8	254.9	5 597.6
2002-03	2 287.4	660.1	1 049.0	589.3	1 128.3	424.1	365.1	6 503.2
2002								
June	473.0	176.7	263.8	130.6	337.1	111.6	^ 73.1	1 566.1
September	473.6	128.6	213.0	^ 119.3	276.0	108.2	*64.6	1 383.4
December	550.3	208.7	268.8	^ 140.3	270.9	117.9	^ 90.0	1 647.1
2003								
March	584.6	168.2	262.5	^ 130.6	245.5	95.3	^ 89.9	1 576.6
June	678.8	154.7	304.6	199.0	335.9	102.7	120.5	1 896.1
September	^ 587.8	220.5	291.3	^ 221.4	237.9	106.7	^ 145.7	1 811.2
VALUE OF WORK YET TO BE DONE								
2000-01	441.1	79.2	102.8	324.4	196.7	145.6	29.5	1 319.3
2001-02	369.1	61.2	150.5	245.0	185.4	233.7	16.8	1 261.7
2002-03	2 188.8	828.7	144.9	298.3	45.7	254.4	74.8	3 835.7
2002								
June	369.1	61.2	150.5	245.0	185.4	233.7	16.8	1 261.7
September	375.9	1 185.7	245.9	365.3	149.9	227.2	35.1	2 585.0
December	332.6	1 022.9	232.0	^ 393.8	116.3	203.5	^ 40.5	2 341.6
2003								
March	856.9	898.2	191.6	304.4	51.5	291.7	88.6	2 682.8
June	2 188.8	828.7	144.9	298.3	45.7	254.4	74.8	3 835.7
September	2 216.7	892.5	276.4	^ 362.3	37.1	256.7	^ 106.1	4 147.8

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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>Telecom- munications</i>	<i>Heavy industry</i>	<i>Recreation and other</i>	<i>Total</i>
<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>
VALUE OF WORK COMMENCED DURING PERIOD								
2000-01	815.5	66.5	727.5	220.8	1 017.7	152.3	271.6	3 271.8
2001-02	836.5	105.6	941.5	160.7	721.9	405.5	319.2	3 490.8
2002-03	1 080.0	633.5	1 123.4	276.9	684.2	675.1	416.3	4 889.5
2002								
June	183.6	25.8	245.9	*48.3	212.3	218.4	^ 98.3	1 032.7
September	201.2	600.8	233.4	*46.4	164.0	148.5	^ 157.7	1 551.9
December	^ 254.6	*4.8	417.3	^ 23.2	121.6	335.5	^ 91.9	1 248.9
2003								
March	369.9	25.9	253.6	^ 60.0	168.0	142.7	^ 79.3	1 099.5
June	254.3	2.0	219.1	147.3	230.7	48.5	87.4	989.1
September	386.5	305.3	248.4	^ 92.1	150.3	95.3	^ 98.9	1 376.7
VALUE OF WORK DONE DURING PERIOD								
2000-01	758.5	132.2	833.0	223.8	849.8	162.3	256.8	3 216.4
2001-02	997.4	108.7	785.6	178.9	760.8	221.5	336.1	3 389.0
2002-03	1 137.3	164.1	1 144.6	179.0	735.2	493.5	402.1	4 255.8
2002								
June	276.5	35.4	203.3	*55.9	222.8	81.5	^ 100.9	976.2
September	227.7	31.4	262.3	*45.8	186.6	84.1	^ 139.6	977.5
December	298.5	35.4	291.5	^ 25.6	140.3	118.0	*100.1	1 009.4
2003								
March	281.6	49.0	282.1	^ 39.1	171.5	148.2	^ 71.9	1 043.3
June	329.5	48.4	308.7	68.4	236.8	143.3	90.5	1 225.6
September	^ 299.9	88.3	288.8	^ 63.0	160.6	145.7	^ 85.2	1 131.5
VALUE OF WORK YET TO BE DONE								
2000-01	387.9	22.2	180.6	59.7	246.8	101.7	44.7	1 043.6
2001-02	284.8	35.0	385.4	55.1	150.4	359.0	22.8	1 292.4
2002-03	295.5	515.8	413.0	123.8	59.1	545.8	3.7	1 956.8
2002								
June	284.8	35.0	385.4	55.1	150.4	359.0	^ 22.8	1 292.4
September	270.2	615.4	368.3	58.8	129.9	413.8	*33.0	1 889.3
December	^ 241.5	587.5	501.1	67.2	107.3	631.5	**17.9	2 153.9
2003								
March	330.0	585.5	498.8	^ 57.2	106.2	639.4	*22.3	2 239.4
June	295.5	515.8	413.0	123.8	59.1	545.8	3.7	1 956.8
September	367.9	730.7	385.2	145.6	^ 43.2	476.8	^ 15.0	2 164.4

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

	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
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
2000-01	977.6	257.5	598.7	479.7	720.7	503.9	272.6	3 810.7
2001-02	1 127.3	324.1	508.2	540.8	601.5	1 613.5	356.0	5 071.5
2002-03	1 486.8	344.6	530.1	532.8	556.7	1 578.8	536.6	5 566.4
2002								
June	^ 236.9	41.1	76.6	*114.2	195.2	1 282.2	^ 114.5	2 060.8
September	432.5	58.5	269.4	^ 261.2	115.9	1 098.2	^ 159.0	2 394.8
December	^ 417.7	^ 57.6	^ 45.7	*105.3	141.3	118.0	*125.5	1 011.2
2003								
March	^ 259.3	^ 63.3	80.2	*84.6	121.8	194.8	*116.9	921.0
June	377.3	165.1	134.8	81.7	177.6	167.8	135.2	1 239.5
September	^ 603.2	^ 70.6	395.5	^ 405.3	105.5	^ 153.7	*124.3	1 858.1
VALUE OF WORK DONE								
2000-01	1 268.8	342.7	1 231.1	439.6	730.1	435.8	296.4	4 744.4
2001-02	1 122.0	349.4	1 126.1	405.3	623.0	650.6	351.1	4 627.5
2002-03	1 411.5	346.9	734.9	386.1	566.0	1 641.7	473.8	5 560.9
2002								
June	293.7	100.3	245.7	90.8	196.7	279.6	^ 98.6	1 305.3
September	280.0	105.6	215.3	^ 91.4	122.4	405.8	^ 127.5	1 347.9
December	439.7	^ 99.7	197.8	^ 95.3	142.4	356.8	^ 113.6	1 445.5
2003								
March	313.8	58.6	157.9	^ 85.4	121.2	528.0	^ 105.1	1 369.9
June	378.0	83.0	163.8	114.1	180.1	351.0	127.7	1 397.6
September	^ 414.1	94.8	187.3	^ 110.4	104.4	197.7	*117.8	1 226.6
VALUE OF WORK YET TO BE DONE								
2000-01	372.9	330.1	805.8	244.1	84.4	198.4	8.4	2 044.1
2001-02	335.3	325.5	443.6	363.1	33.2	1 201.0	30.8	2 732.5
2002-03	367.0	299.9	249.5	250.1	20.8	691.4	34.1	1 912.8
2002								
June	335.3	325.5	443.6	^ 363.1	33.2	1 201.0	30.8	2 732.5
September	505.1	275.9	488.3	^ 366.5	25.2	1 910.7	^ 62.4	3 634.3
December	^ 461.2	^ 241.3	343.8	^ 297.0	24.6	1 693.4	38.2	3 099.4
2003								
March	379.3	244.1	269.5	*309.0	24.3	814.7	48.9	2 089.7
June	367.0	299.9	249.5	250.1	20.8	691.4	34.1	1 912.8
September	^ 543.7	282.9	396.8	*502.3	21.6	675.8	^ 34.5	2 457.5

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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>Telecom- munications</i>	<i>Heavy industry</i>	<i>Recreation and other</i>	<i>Total</i>
<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>
VALUE OF WORK COMMENCED DURING PERIOD								
2000-01	341.4	15.8	141.9	86.0	235.4	309.2	109.4	1 239.1
2001-02	394.2	15.7	434.6	63.7	229.0	372.4	118.8	1 628.5
2002-03	454.6	20.8	332.5	101.4	227.4	343.0	114.1	1 593.7
2002								
June	^ 99.9	**6.5	214.0	^ 10.4	63.9	55.4	^ 25.8	476.0
September	142.9	8.8	29.0	21.7	43.5	43.3	^ 32.0	321.3
December	^ 125.4	1.2	258.6	12.1	64.8	212.3	^ 28.9	703.3
2003								
March	^ 96.7	**2.5	19.6	^ 33.1	44.6	45.5	^ 24.8	266.7
June	89.6	8.3	25.3	34.5	74.4	41.9	28.4	302.4
September	^ 104.4	7.7	66.8	^ 39.1	^ 32.9	121.7	^ 23.4	396.0
VALUE OF WORK DONE DURING PERIOD								
2000-01	352.6	21.7	149.8	105.0	196.5	183.1	120.6	1 129.5
2001-02	370.8	17.3	247.1	90.7	269.3	302.3	120.0	1 417.4
2002-03	399.5	12.6	442.5	96.1	243.2	462.9	111.9	1 768.7
2002								
June	120.0	*4.2	46.7	20.2	79.5	83.6	^ 31.4	385.5
September	^ 63.9	2.2	57.8	13.2	52.5	100.0	^ 26.9	316.5
December	^ 94.5	3.2	152.3	*17.0	69.8	129.7	^ 28.6	495.0
2003								
March	^ 110.9	*3.7	124.8	*20.9	47.1	120.6	^ 23.7	451.8
June	130.2	3.5	107.8	44.9	73.8	112.6	32.6	505.3
September	^ 72.9	7.6	117.0	^ 34.2	^ 35.0	170.4	^ 21.1	458.3
VALUE OF WORK YET TO BE DONE								
2000-01	34.6	16.9	9.0	33.5	45.4	187.9	10.0	337.2
2001-02	33.3	10.3	235.8	12.9	35.2	273.0	5.5	606.1
2002-03	61.7	8.9	166.0	47.1	22.2	285.9	10.2	602.0
2002								
June	^ 33.3	^ 10.3	235.8	^ 12.9	35.2	273.0	^ 5.5	606.1
September	^ 98.9	7.4	209.5	^ 11.8	26.3	289.3	*11.4	654.5
December	131.8	4.7	316.0	*16.9	21.3	434.1	*10.7	935.5
2003								
March	105.8	3.8	207.5	^ 32.8	18.8	296.6	*11.3	676.5
June	61.7	8.9	166.0	47.1	22.2	285.9	10.2	602.0
September	89.3	6.5	116.9	46.6	^ 2.7	242.2	*6.3	510.6

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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>Telecom- munications</i>	<i>Heavy industry</i>	<i>Recreation and other</i>	<i>Total</i>
<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>
VALUE OF WORK COMMENCED DURING PERIOD								
2000-01	947.6	125.3	92.5	171.2	406.6	611.6	149.1	2 504.0
2001-02	672.4	170.3	1 202.4	92.3	354.7	1 969.8	220.3	4 682.1
2002-03	817.8	411.8	206.9	284.0	333.2	2 372.6	194.5	4 620.9
2002								
June	121.6	*33.1	875.2	^ 26.6	101.1	123.0	*41.8	1 322.3
September	206.8	303.5	28.6	45.6	71.2	808.8	^ 52.7	1 517.3
December	^ 207.1	50.6	^ 46.2	^ 57.8	105.4	210.1	*46.0	723.3
2003								
March	^ 239.4	47.8	^ 56.4	^ 87.6	65.1	203.1	*45.4	744.8
June	164.4	10.0	75.7	92.9	91.6	1 150.5	50.3	1 635.5
September	^ 271.3	59.2	34.8	^ 65.2	55.2	164.1	^ 48.8	698.7
VALUE OF WORK DONE DURING PERIOD								
2000-01	742.9	125.8	93.1	183.9	297.2	662.8	151.0	2 256.6
2001-02	708.7	171.9	314.8	136.5	408.4	1 126.6	252.3	3 119.3
2002-03	855.7	331.0	668.0	250.3	371.3	2 060.5	204.6	4 741.4
2002								
June	181.1	*32.4	220.3	45.6	107.1	256.8	*64.0	907.3
September	164.0	*61.1	186.2	40.1	85.9	422.1	^ 55.8	1 015.3
December	^ 259.3	92.5	147.7	^ 60.3	112.5	462.2	^ 57.8	1 192.3
2003								
March	^ 227.3	94.5	145.9	^ 75.5	72.2	455.0	^ 40.7	1 111.1
June	205.1	82.8	188.3	74.4	100.7	721.3	50.3	1 422.7
September	^ 193.5	61.2	176.8	^ 67.9	64.5	555.6	^ 41.7	1 161.2
VALUE OF WORK YET TO BE DONE								
2000-01	363.3	47.8	0.3	45.9	149.6	349.5	38.0	994.5
2001-02	193.4	46.1	948.2	22.5	97.0	1 219.7	19.9	2 546.7
2002-03	171.3	121.6	483.2	93.8	48.5	1 486.7	11.0	2 416.2
2002								
June	193.4	^ 46.1	948.2	^ 22.5	97.0	1 219.7	*19.9	2 546.7
September	252.4	297.5	808.0	41.4	82.3	1 601.8	^ 15.7	3 099.1
December	214.1	244.5	692.9	58.9	66.4	1 370.2	^ 18.8	2 665.8
2003								
March	234.1	197.2	596.2	89.3	59.0	1 076.0	*24.0	2 275.8
June	171.3	121.6	483.2	93.8	48.5	1 486.7	11.0	2 416.2
September	236.1	116.4	348.9	^ 74.4	38.6	1 218.3	13.9	2 046.7

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\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
VALUE OF WORK COMMENCED DURING PERIOD								
2000-01	86.5	5.5	55.0	24.0	58.5	2.6	15.1	247.2
2001-02	83.8	20.8	254.2	34.2	72.7	4.5	14.1	484.3
2002-03	97.4	15.3	83.9	39.2	48.2	4.4	17.4	305.7
2002								
June	18.2	0.3	20.8	^ 9.4	16.5	^ 1.9	^ 3.3	70.4
September	14.0	1.4	51.1	*14.1	10.8	4.0	^ 3.6	99.0
December	24.4	^ 3.9	24.7	**7.6	7.2	—	*2.9	^ 70.6
2003								
March	34.1	6.0	2.5	*7.3	12.9	—	*3.4	66.1
June	^ 24.9	^ 4.0	5.7	10.2	17.3	0.3	*7.5	69.9
September	^ 22.7	3.2	33.7	^ 16.2	6.1	*1.0	*6.3	89.2
VALUE OF WORK DONE DURING PERIOD								
2000-01	104.6	14.8	50.5	15.8	58.5	5.5	14.5	264.2
2001-02	83.3	18.6	252.8	23.4	58.3	3.7	13.7	453.8
2002-03	95.9	20.8	133.1	41.4	51.7	2.8	18.3	364.0
2002								
June	24.4	4.6	121.5	^ 9.1	22.4	*2.6	^ 4.0	188.5
September	11.3	4.0	67.2	*8.1	15.2	0.2	^ 3.9	109.9
December	25.9	6.0	24.2	*11.9	8.5	1.4	*2.3	80.2
2003								
March	33.1	5.7	18.8	^ 9.1	11.5	0.1	^ 4.0	82.2
June	^ 25.7	^ 5.1	22.9	^ 12.3	16.5	1.1	*8.2	91.7
September	17.9	2.3	19.2	^ 13.4	6.2	*0.5	^ 4.8	64.3
VALUE OF WORK YET TO BE DONE								
2000-01	9.7	1.5	33.4	2.7	—	—	0.6	47.9
2001-02	7.7	6.5	31.7	12.6	4.6	0.5	1.0	64.6
2002-03	6.6	1.1	13.1	6.0	0.3	1.2	0.9	29.1
2002								
June	7.7	6.5	31.7	12.6	4.6	**0.5	^ 1.0	64.6
September	^ 10.7	3.8	19.6	^ 16.6	—	3.8	*2.1	56.5
December	^ 15.0	5.9	35.1	^ 13.2	—	2.5	^ 1.8	73.6
2003								
March	12.8	^ 3.3	19.2	^ 10.7	—	1.8	^ 1.6	49.3
June	^ 6.6	1.1	13.1	6.0	0.3	1.2	^ 0.9	29.1
September	*12.7	2.8	27.2	^ 8.3	0.3	^ 1.3	*4.2	56.8

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— nil or rounded to zero (including null cells)

<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>Telecom- munications</i>	<i>Heavy industry</i>	<i>Recreation and other</i>	<i>Total</i>
<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>
VALUE OF WORK COMMENCED DURING PERIOD								
2000-01	35.4	31.7	14.5	12.3	37.1	19.2	16.7	166.7
2001-02	95.2	621.3	13.4	72.1	48.1	1 363.0	14.3	2 227.4
2002-03	55.7	50.1	16.5	14.0	44.7	1 690.1	9.0	1 880.2
2002								
June	33.0	28.1	6.7	9.2	14.3	12.0	*2.5	105.8
September	^ 10.4	2.3	*1.0	^ 1.2	9.0	1.0	*2.6	27.5
December	*27.7	22.4	*5.2	**3.0	14.0	11.1	*2.8	^ 86.1
2003								
March	*8.3	8.2	^ 4.3	*2.9	8.8	13.0	*1.6	47.1
June	9.4	17.2	6.0	7.0	12.9	1 665.0	2.0	1 719.5
September	16.9	7.5	685.9	*7.3	19.9	11.9	*1.4	750.8
VALUE OF WORK DONE DURING PERIOD								
2000-01	36.9	10.1	16.8	16.2	43.1	27.1	18.1	168.3
2001-02	67.4	238.7	8.0	38.1	56.1	807.6	10.8	1 226.7
2002-03	66.1	360.1	18.2	46.7	51.9	779.6	8.9	1 331.6
2002								
June	21.5	119.2	1.4	9.3	14.4	114.6	*2.7	283.1
September	18.0	116.1	^ 1.5	10.8	11.0	229.1	*2.7	389.1
December	^ 17.5	78.3	*7.4	^ 13.1	16.1	240.7	^ 2.8	375.9
2003								
March	^ 15.3	80.7	*3.3	16.8	9.4	106.5	*1.7	233.8
June	15.2	85.0	6.0	6.0	15.5	203.3	1.8	332.8
September	^ 14.3	^ 33.6	122.3	*7.4	22.4	211.4	*1.2	412.5
VALUE OF WORK YET TO BE DONE								
2000-01	1.7	24.3	5.0	4.2	34.0	4.1	0.2	73.6
2001-02	29.0	383.0	6.0	33.2	25.6	563.4	3.8	1 044.0
2002-03	5.8	69.3	11.2	3.7	18.2	1 737.8	3.3	1 849.3
2002								
June	29.0	383.0	6.0	33.2	25.6	563.4	3.8	1 044.0
September	20.2	262.6	5.5	20.4	23.6	335.5	4.1	672.0
December	*28.6	206.2	8.7	10.7	21.6	110.1	^ 4.1	390.1
2003								
March	^ 13.4	132.7	10.7	*3.3	20.9	276.6	2.9	460.5
June	5.8	69.3	11.2	3.7	18.2	1 737.8	3.3	1 849.3
September	11.4	40.2	574.8	^ 3.8	15.5	1 629.2	3.4	2 278.3

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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>Telecom- munications</i>	<i>Heavy industry</i>	<i>Recreation and other</i>	<i>Total</i>
<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>
VALUE OF WORK COMMENCED DURING PERIOD								
2000-01	48.6	0.5	15.6	13.5	74.3	0.1	33.7	186.3
2001-02	85.9	2.2	9.1	19.9	55.0	—	35.8	207.9
2002-03	63.9	2.3	32.2	22.0	49.0	0.3	54.7	224.4
2002								
June	25.0	—	3.8	3.0	15.1	—	*11.3	58.2
September	8.0	—	4.9	3.4	10.8	—	*11.3	^ 38.3
December	9.2	1.3	6.4	8.5	10.7	—	**12.6	^ 48.7
2003								
March	^ 27.6	0.9	13.2	5.5	10.2	—	**14.4	^ 71.8
June	19.1	—	7.7	4.6	17.3	0.3	16.4	65.5
September	^ 6.1	0.1	6.2	3.6	15.1	*0.1	^ 7.6	38.8
VALUE OF WORK DONE DURING PERIOD								
2000-01	52.8	0.8	15.3	9.2	90.9	0.1	38.9	207.9
2001-02	77.9	1.9	14.0	15.8	55.5	—	34.8	199.9
2002-03	71.6	2.3	41.9	21.8	51.5	0.2	55.8	245.0
2002								
June	^ 24.0	—	4.4	5.3	15.0	—	*8.8	57.4
September	17.4	—	4.8	^ 2.8	10.9	—	*13.4	49.3
December	^ 16.2	0.1	6.9	4.4	10.7	—	**12.8	^ 51.1
2003								
March	^ 16.3	1.6	14.2	6.5	10.2	—	**13.6	^ 62.4
June	21.7	0.5	16.0	8.1	19.7	0.2	15.9	82.2
September	17.0	0.2	6.2	3.8	15.4	*0.1	^ 7.4	50.2
VALUE OF WORK YET TO BE DONE								
2000-01	11.9	—	—	2.8	0.9	—	0.8	16.4
2001-02	23.0	—	2.2	1.0	0.1	—	4.4	30.6
2002-03	20.2	0.1	1.7	0.6	1.4	0.4	2.2	26.6
2002								
June	23.0	—	2.2	**1.0	0.1	—	*4.4	30.6
September	15.4	—	7.6	*1.7	—	—	*2.3	27.0
December	12.2	1.2	3.7	4.9	—	—	0.4	22.6
2003								
March	23.3	0.6	1.2	3.7	0.1	—	**2.4	31.3
June	20.2	0.1	1.7	0.6	1.4	0.4	2.2	26.6
September	10.7	—	—	0.3	0.5	—	*1.4	12.9

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— nil or rounded to zero (including null cells)

VALUE OF WORK DONE BY THE PRIVATE SECTOR, States and territories: Original

	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									
2000-01	1 629.8	1 674.3	1 725.2	496.6	1 022.2	19.4	69.2	45.5	6 682.3
2001-02	1 290.4	1 924.5	1 698.3	770.5	1 807.6	236.0	1 080.1	91.6	8 899.0
2002-03	1 842.7	2 813.3	2 725.8	1 077.6	3 427.5	108.1	1 185.4	108.1	13 288.6
2002									
June	369.1	533.9	528.9	186.8	515.3	122.0	243.4	^ 27.2	2 526.7
September	394.8	639.0	666.6	207.1	673.3	64.1	350.7	^ 21.0	3 016.6
December	444.1	703.4	651.0	309.5	841.7	19.5	338.3	*15.8	3 323.2
2003									
March	462.5	688.1	791.5	293.4	810.3	^ 12.2	206.2	^ 28.2	3 292.3
June	541.5	782.8	616.8	267.6	1 102.2	12.3	290.3	43.0	3 656.5
September	^ 697.1	799.6	559.8	355.1	964.6	^ 14.5	370.0	25.2	3 786.0
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR									
2000-01	1 545.3	743.6	879.2	208.2	678.6	66.3	50.3	83.3	4 254.8
2001-02	1 267.2	777.9	714.5	186.4	666.0	74.8	87.3	57.8	3 831.7
2002-03	1 367.7	802.3	675.9	248.5	692.8	96.4	101.6	91.2	4 076.5
2002									
June	284.0	218.2	139.1	52.9	^ 200.1	21.6	25.9	^ 15.4	957.2
September	281.9	190.7	156.6	^ 32.8	206.8	15.5	28.7	^ 17.6	930.7
December	386.6	200.6	220.3	^ 69.6	174.7	*23.9	^ 23.8	^ 24.9	1 124.4
2003									
March	326.4	203.4	126.9	^ 59.7	^ 164.4	31.4	^ 19.2	^ 24.4	955.7
June	372.8	207.6	172.1	86.4	147.0	25.6	29.9	24.4	1 065.7
September	400.3	210.5	^ 152.0	^ 56.3	^ 97.7	15.2	^ 32.8	17.8	982.7
TOTAL BY THE PRIVATE SECTOR									
2000-01	3 175.2	2 417.9	2 604.4	704.8	1 700.8	85.7	119.5	128.8	10 937.2
2001-02	2 557.6	2 702.4	2 412.8	956.9	2 473.6	310.7	1 167.4	149.4	12 730.7
2002-03	3 210.4	3 615.6	3 401.8	1 326.1	4 120.3	204.6	1 286.9	199.3	17 365.1
2002									
June	653.1	752.1	668.0	239.7	715.4	143.6	269.3	^ 42.6	3 483.9
September	676.7	829.7	823.2	239.9	880.2	79.7	379.3	^ 38.6	3 947.3
December	830.7	904.0	871.3	379.1	1 016.4	^ 43.4	362.1	^ 40.7	4 447.6
2003									
March	788.9	891.6	918.4	353.1	974.6	43.5	225.4	^ 52.6	4 248.0
June	914.3	990.4	788.9	354.0	1 249.1	38.0	320.1	67.4	4 722.2
September	^ 1 097.4	1 010.0	711.8	411.4	1 062.3	29.7	402.9	43.1	4 768.7

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	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
TOTAL BY COMMONWEALTH GOVERNMENT									
2000-01	1 141.8	659.8	573.5	171.4	243.7	57.4	36.1	60.2	2 943.9
2001-02	960.6	565.6	574.5	216.0	307.0	49.3	45.4	50.5	2 768.9
2002-03	867.1	508.8	511.5	201.5	286.4	44.3	42.3	45.7	2 507.6
2002									
June	282.1	184.5	192.3	63.9	90.8	16.1	13.5	14.8	858.0
September	203.3	123.7	112.7	43.3	61.5	10.8	9.0	10.7	575.0
December	197.4	82.6	122.1	61.3	87.2	7.2	12.9	10.4	581.1
2003									
March	185.9	119.3	107.7	38.9	55.3	10.4	8.2	9.8	535.5
June	280.5	183.2	169.0	58.0	82.4	15.9	12.2	14.8	816.0
September	135.6	96.3	83.7	11.8	41.0	6.1	9.3	7.1	391.0
TOTAL BY STATE AND TERRITORY GOVERNMENT									
2000-01	1 372.7	47.3	1 031.7	167.0	124.4	73.9	10.8	18.9	2 846.7
2001-02	1 550.5	35.0	1 028.3	120.7	98.0	49.2	8.2	—	2 889.9
2002-03	1 874.7	41.3	997.2	112.1	116.8	65.0	0.6	—	3 207.7
2002									
June	478.7	^ 10.9	280.7	40.1	27.8	15.2	—	—	853.3
September	391.5	11.0	264.8	15.6	28.9	9.5	—	—	721.2
December	497.2	5.0	275.3	23.5	30.6	16.3	**0.6	—	848.5
2003									
March	454.1	8.3	214.2	27.6	22.3	^ 19.2	—	—	745.7
June	531.9	17.0	243.0	45.4	35.0	20.0	—	—	892.3
September	466.3	*12.3	250.4	17.3	30.2	15.9	—	—	792.4
BY LOCAL GOVERNMENT AUTHORITIES									
2000-01	466.8	91.3	534.8	86.2	187.7	47.3	1.8	—	1 415.9
2001-02	528.9	86.1	612.0	123.8	240.6	44.7	5.7	—	1 641.8
2002-03	551.0	90.0	650.4	129.0	217.9	50.2	1.7	—	1 690.3
2002									
June	152.1	28.8	164.4	^ 41.8	^ 73.3	^ 13.6	*0.3	—	474.3
September	111.9	13.1	147.2	^ 17.7	^ 44.7	^ 10.0	0.8	—	345.4
December	121.8	17.8	176.8	^ 31.2	^ 58.1	^ 13.3	0.2	—	419.2
2003									
March	^ 147.8	24.1	129.6	32.2	^ 59.0	^ 9.1	0.2	—	402.0
June	169.5	35.1	196.7	47.8	56.2	17.8	0.5	—	523.6
September	112.0	12.9	180.7	^ 17.8	^ 27.6	^ 12.5	0.3	—	363.7
TOTAL BY THE PUBLIC SECTOR									
2000-01	2 981.3	798.5	2 140.0	424.7	555.8	178.6	48.7	79.1	7 206.6
2001-02	3 040.0	686.7	2 214.8	460.6	645.7	143.1	59.3	50.5	7 300.6
2002-03	3 292.8	640.2	2 159.1	442.6	621.1	159.4	44.7	45.7	7 405.6
2002									
June	912.9	224.1	637.4	145.8	191.9	44.9	13.8	14.8	2 185.7
September	706.7	147.8	524.7	76.6	135.1	30.2	9.8	10.7	1 641.7
December	816.4	105.5	574.2	116.0	175.9	36.8	13.7	10.4	1 848.8
2003									
March	787.7	151.7	451.6	98.8	136.5	38.7	8.4	9.8	1 683.2
June	981.9	235.2	608.7	151.3	173.6	53.7	12.7	14.8	2 231.9
September	713.8	121.5	514.7	46.9	98.9	34.6	9.6	7.1	1 547.1

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— nil or rounded to zero (including null cells)

(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.

	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 PUBLIC SECTOR									
2000-01	1 545.3	743.6	879.2	208.2	678.6	66.3	50.3	83.3	4 254.8
2001-02	1 267.2	777.9	714.5	186.4	666.0	74.8	87.3	57.8	3 831.7
2002-03	1 367.7	802.3	675.9	248.5	692.8	96.4	101.6	91.2	4 076.5
2002									
June	284.0	218.2	139.1	52.9	^ 200.1	21.6	25.9	^ 15.4	957.2
September	281.9	190.7	156.6	^ 32.8	206.8	15.5	28.7	^ 17.6	930.7
December	386.6	200.6	220.3	^ 69.6	174.7	*23.9	^ 23.8	^ 24.9	1 124.4
2003									
March	326.4	203.4	126.9	^ 59.7	^ 164.4	31.4	^ 19.2	^ 24.4	955.7
June	372.8	207.6	172.1	86.4	147.0	25.6	29.9	24.4	1 065.7
September	400.3	210.5	^ 152.0	^ 56.3	^ 97.7	15.2	^ 32.8	17.8	982.7
TOTAL BY THE PUBLIC SECTOR									
2000-01	2 981.3	798.5	2 140.0	424.7	555.8	178.6	48.7	79.1	7 206.6
2001-02	3 040.0	686.7	2 214.8	460.6	645.7	143.1	59.3	50.5	7 300.6
2002-03	3 292.8	640.2	2 159.1	442.6	621.1	159.4	44.7	45.7	7 405.6
2002									
June	912.9	224.1	637.4	145.8	191.9	44.9	13.8	14.8	2 185.7
September	706.7	147.8	524.7	76.6	135.1	30.2	9.8	10.7	1 641.7
December	816.4	105.5	574.2	116.0	175.9	36.8	13.7	10.4	1 848.8
2003									
March	787.7	151.7	451.6	98.8	136.5	38.7	8.4	9.8	1 683.2
June	981.9	235.2	608.7	151.3	173.6	53.7	12.7	14.8	2 231.9
September	713.8	121.5	514.7	46.9	98.9	34.6	9.6	7.1	1 547.1
TOTAL FOR THE PUBLIC SECTOR									
2000-01	4 526.6	1 542.0	3 019.2	632.9	1 234.4	244.8	99.1	162.4	11 461.4
2001-02	4 307.2	1 464.5	2 929.3	646.9	1 311.7	217.9	146.6	108.3	11 132.3
2002-03	4 660.5	1 442.5	2 835.1	691.1	1 313.9	255.9	146.2	136.9	11 482.0
2002									
June	1 196.9	442.3	776.5	198.7	392.0	66.5	39.7	30.2	3 142.9
September	988.6	338.5	681.3	109.4	342.0	45.8	38.5	28.3	2 572.4
December	1 203.0	306.0	794.5	185.6	350.6	^ 60.7	37.6	35.3	2 973.2
2003									
March	1 114.2	355.2	578.4	158.5	300.9	70.0	27.6	^ 34.2	2 638.8
June	1 354.7	442.8	780.8	237.7	320.6	79.4	42.6	39.2	3 297.6
September	1 114.1	332.0	666.7	103.2	196.6	49.8	^ 42.4	25.0	2 529.8

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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	15.1	4.9	9.0	2.8	2.7	6.1
Bridges	16.8	28.1	20.4	6.1	9.9	8.9
Railways	1.4	—	0.2	—	—	0.1
Harbours	14.8	3.7	12.0	5.4	3.7	8.8
Water storage and supply	32.6	19.8	18.3	23.7	17.8	16.1
Sewerage and drainage	88.5	17.4	21.7	22.8	18.5	16.3
Electricity generation, transmission and distribution	0.8	8.9	2.2	—	0.9	0.7
Pipelines	0.1	65.0	0.1	51.6	51.6	0.7
Recreation	16.5	26.3	15.1	4.7	14.0	13.0
Telecommunications	11.9	14.9	10.2	0.4	1.2	3.4
Oil, gas, coal and other minerals	5.2	75.3	5.1	—	57.5	5.1
Other heavy industry	12.9	—	12.8	64.5	42.2	12.6
Other	21.1	54.7	21.8	10.5	39.3	21.3
Total	5.1	3.5	3.9	3.7	2.8	2.8

VALUE OF WORK DONE

Roads, highways and subdivisions	11.2	5.2	8.2	2.8	2.9	6.2
Bridges	8.5	23.2	15.7	8.3	14.0	11.0
Railways	1.6	0.1	0.6	—	—	0.4
Harbours	12.1	5.0	8.2	5.4	3.7	6.3
Water storage and supply	30.9	31.9	23.6	12.4	18.7	16.6
Sewerage and drainage	85.3	13.1	15.5	17.9	10.6	12.8
Electricity generation, transmission and distribution	0.7	10.9	2.0	—	1.6	1.0
Pipelines	0.3	49.0	0.3	38.3	35.1	0.7
Recreation	14.6	21.0	13.4	8.0	14.5	12.3
Telecommunications	11.6	9.0	8.5	—	1.5	3.3
Oil, gas, coal and other minerals	1.4	69.1	1.4	—	39.3	1.4
Other heavy industry	9.4	—	9.4	64.5	13.8	9.4
Other	18.1	53.7	18.7	12.6	40.5	18.2
Total	3.6	4.8	3.1	1.2	2.0	2.3

VALUE OF WORK YET TO BE DONE

Roads, highways and subdivisions	2.9	3.3	2.3	3.5	2.4	2.1
Bridges	—	6.0	4.5	5.8	4.2	3.6
Railways	0.1	—	—	—	—	—
Harbours	0.3	0.5	0.3	65.6	5.9	3.5
Water storage and supply	19.7	13.6	11.8	45.4	34.8	33.2
Sewerage and drainage	9.1	4.3	4.1	23.5	13.6	11.8
Electricity generation, transmission and distribution	—	1.3	0.3	—	0.2	0.2
Pipelines	—	69.5	—	86.3	79.9	0.3
Recreation	18.0	7.1	9.7	5.7	4.4	6.1
Telecommunications	6.5	7.3	7.0	8.3	6.6	6.3
Oil, gas, coal and other minerals	0.5	79.5	0.5	—	79.5	0.5
Other heavy industry	1.5	—	1.5	64.5	49.9	1.6
Other	24.9	0.9	22.9	1.1	0.7	22.3
Total	0.9	1.2	0.7	8.6	3.9	1.5

— 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>	Total
	%	%	%	%	%	%	%	%
VALUE OF WORK COMMENCED								
NSW	12.9	0.7	1.8	23.1	4.1	5.6	20.2	6.4
Vic.	9.0	0.5	0.2	15.9	2.8	1.3	18.6	3.1
Qld	12.4	12.9	1.3	24.9	2.5	20.7	27.7	7.1
SA	12.7	0.2	0.1	15.7	17.7	3.6	22.8	4.3
WA	15.2	3.6	6.3	14.8	7.8	4.5	16.2	7.8
Tas.	15.1	5.1	0.1	22.1	—	36.8	26.0	7.3
NT	7.3	1.3	0.2	33.0	8.6	—	27.1	0.4
ACT	22.8	—	—	—	6.6	29.8	24.6	6.5
Total	6.1	1.3	0.5	13.4	3.4	5.1	11.1	2.8
VALUE OF WORK DONE								
NSW	12.1	0.8	2.7	23.7	4.0	2.6	16.8	6.2
Vic.	12.8	0.8	0.1	13.9	2.7	0.8	21.3	3.9
Qld	10.5	8.1	1.5	16.7	1.8	9.6	25.7	5.0
SA	17.6	1.6	0.1	23.9	16.7	2.5	24.5	3.8
WA	20.3	3.5	1.2	14.9	6.8	0.8	18.6	4.6
Tas.	7.9	1.2	0.1	21.0	—	26.0	23.3	5.9
NT	10.6	13.2	0.5	28.9	7.7	—	29.3	1.3
ACT	8.1	—	—	—	6.4	29.8	24.8	5.0
Total	6.2	1.8	0.7	11.1	3.3	1.4	10.4	2.3
VALUE OF WORK YET TO BE DONE								
NSW	1.4	0.8	0.3	12.3	2.7	0.8	10.3	1.5
Vic.	8.5	0.2	—	7.6	12.2	0.2	21.8	1.6
Qld	10.2	0.7	0.9	35.4	7.1	3.2	11.5	7.6
SA	4.4	3.8	—	1.0	16.7	—	31.9	0.9
WA	5.6	0.2	0.4	13.0	9.5	0.3	9.7	0.9
Tas.	26.4	8.0	—	16.6	—	24.9	32.9	8.6
NT	2.8	3.1	0.1	19.2	—	—	7.5	0.1
ACT	—	—	—	—	—	—	29.8	3.3
Total	2.1	0.4	0.2	16.1	6.3	0.5	6.7	1.5

— 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).

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

EXPLANATORY NOTES *continued*

RELATIONSHIP WITH NATIONAL ACCOUNTS *continued*

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.

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

EXPLANATORY NOTES *continued*

SEASONAL ADJUSTMENT

continued

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 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 2001–02). The reference year will be updated annually in the June quarter publication. Quarterly chain volume data in this issue incorporate a new base year, 2001–02, 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 2001–02, 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. 2001–02). 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

EXPLANATORY NOTES *continued*

CHAIN VOLUME MEASURES *continued*

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

Bridges	Includes those for the support of roads, railways, causeways and elevated highways.
Electricity generation, transmission and distribution	Includes power stations; substations; hydroelectric generating plants; associated work i.e. towers; chimneys; transmission and distribution lines.
Harbours	Includes boat and yacht basins; breakwaters; retaining walls; docks and piers; terminals; wharves; dredging works; marinas.
Heavy industry	This category is the total of 'Oil, gas, coal and other minerals' and 'Other heavy industry'.
Oil, gas, coal and other minerals	Includes construction of production, storage and distribution facilities; refineries; pumping stations; construction of mines.
Other heavy industry	Includes construction of chemical plants; blast furnaces; steel mills; other industrial processing plants; ovens.
Ownership	Projects are classified as private sector or public sector according to the expected ownership of the project at the time of completion.
Pipelines	Includes oil and gas pipelines; urban supply mains for gas; pipelines for refined petroleum products, chemicals, foodstuffs, etc.
Railways	Includes tracklaying; overhead power lines and signals; platforms; tramways; tunnels for underground railways; fuel hoppers.
Recreation	Includes golf courses; playing fields; racecourses; stadiums; swimming pools; landscaping; park construction.
Roads, highways and subdivisions	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.
Sector	<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"> Commonwealth Government; State and Territory Government; and Local Government. <p>All remaining organisations are classified as private sector.</p>
Sewerage and drainage	Includes sanitary and storm sewers; sewage treatment plants; stormwater drains; drainage systems.
Telecommunications	Includes radio, television, microwave and radar transmission towers; telephone and telegraph lines and underground cables; coaxial cables.
Type of construction	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.
Value of work commenced	<p>A project is regarded as having commenced when the site works begin, with the following exceptions:</p> <ul style="list-style-type: none"> ■ 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. ■ For very large projects, where a significant amount of work is done off-site, the project may be commenced before the site works begin.

GLOSSARY *continued*

Value of work done	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.
Value of work yet to be done	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.
Water storage and supply	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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