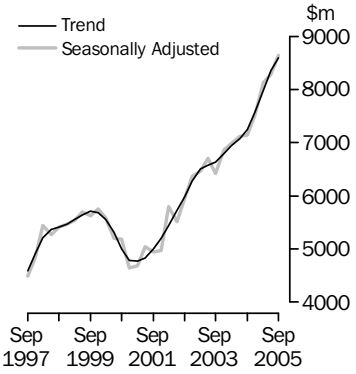
SEPTEMBER QUARTER 2005 8762.0

ENGINEERING CONSTRUCTION ACTIVITY

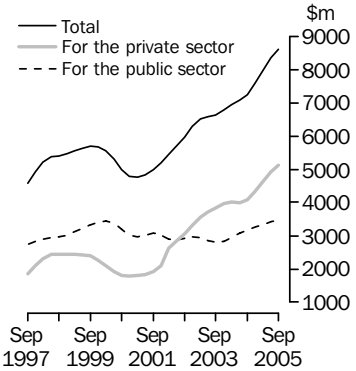
AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) MON 23 JAN 2006

Value of work done
Total engineering
Volume terms



Value of work done
Volume terms
Trend estimates



KEY FIGURES

	Sep qtr 05 $m	Jun qtr 05 to Sep qtr 05 % change	Sep qtr 04 to Sep qtr 05 % change
TREND ESTIMATES VOLUME TERMS (a)			
Value of work done			
For the private sector	5 120.0	3.8	25.8
For the public sector (b)	3 475.7	1.7	9.4
Total engineering construction	8 599.4	3.0	18.7
SEASONALLY ADJUSTED VOLUME TERMS (a)			
Value of work done			
For the private sector	5 145.7	5.1	32.6
For the public sector (b)	3 497.1	3.1	7.0
Total engineering construction	8 642.8	4.3	20.9

(a) Chain volume measures, reference year 2003–04.
(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 3.0% in the September 2005 quarter. The trend has now risen for eighteen consecutive quarters.
- The trend estimate for the value of work done for the private sector rose 3.8% in the September 2005 quarter. Work done for the public sector rose 1.7% in the September quarter.

SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for the value of total engineering construction work done in the September 2005 quarter rose 4.3% to $8,642.8m, the eighth consecutive quarterly rise in this series.
- The seasonally adjusted estimate for the value of work done for the private sector rose 5.1%, to $5,145.7m in the September 2005 quarter, the fourth consecutive rise. The value of work done for the public sector increased 3.1% to $3,497.1m.

ORIGINAL ESTIMATES

- The value of work done in the September 2005 quarter decreased 1.9% to $8,550.3m following a 15.0% increase in the June quarter.
- The value of work done for the private sector was $5,280.3m, 9.9% higher than the $4,804.8m recorded for the June 2005 quarter. Work done for the public sector decreased 14.0% to $1,347.7m.

INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or James Inglis on Adelaide (08) 8237 7405.

NOTES

FORTHCOMING ISSUES

ISSUE (Quarter)	*RELEASE DATE*
December 2005	20 April 2006
March 2006	18 July 2006

CHANGES IN THIS ISSUE

There are no changes in this issue.

SIGNIFICANT REVISIONS THIS QUARTER

Compared with the current price original terms estimates published in the previous issue of this publication:

- The December quarter 2004 estimates have been revised upwards by $61.9m for work commenced, $39.3m for work done and $0.5m for work yet to be done. This was mainly due to revisions in 'other heavy industry' in New South Wales.
- The March quarter 2005 estimates have been revised upwards by $1,845.6m for work commenced, $120.8m for work done and $1,793.9m for work yet to be done. This was predominantly due to revisions in 'oil, gas, coal and other minerals' in Western Australia.
- The June quarter 2005 estimates have been revised upwards by $239.6m for work commenced, $173.9m for work done and $2,019.7m for work yet to be done. The work yet to be done revison was predominantly in 'oil, gas, coal and other minerals' in Western Australia.

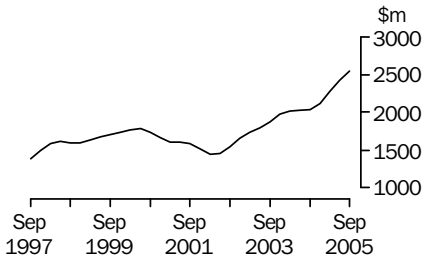
DATA NOTES

There are no notes about the data.

Dennis Trewin
Australian Statistician

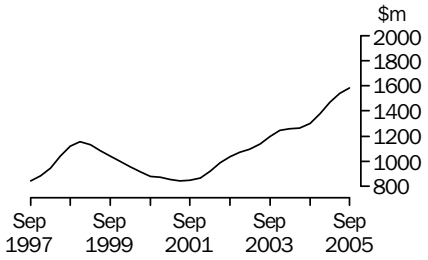
CHAIN VOLUME MEASURES—TREND ESTIMATES

NEW SOUTH WALES



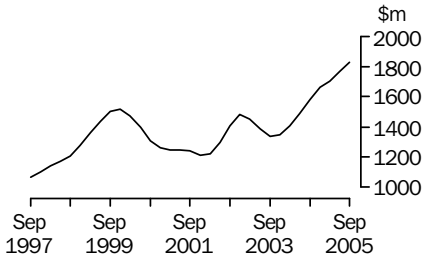
The trend estimate for the value of work done has risen for the past fourteen quarters, with strong growth being recorded over the past four quarters.

VICTORIA



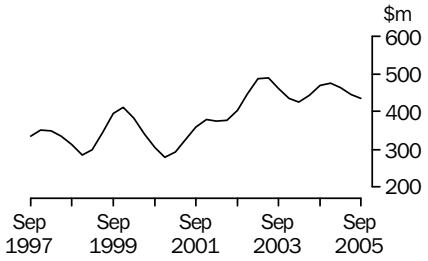
The trend estimate for the value of work done has risen for seventeen quarters, with strong growth over the past five quarters.

QUEENSLAND



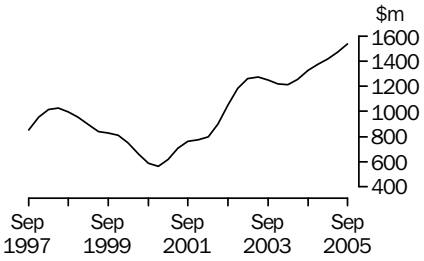
The trend estimate for work done has increased strongly for eight consecutive quarters.

SOUTH AUSTRALIA



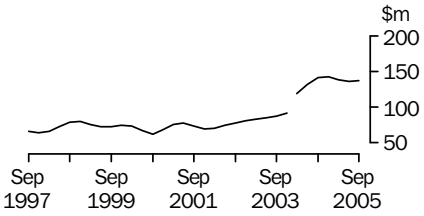
The trend estimate for work done has continued its moderate decline for the third consecutive quarter.

WESTERN AUSTRALIA



The trend estimate for work done has increased for six consecutive quarters, continuing a period of strong growth from March 2001 to June 2003.

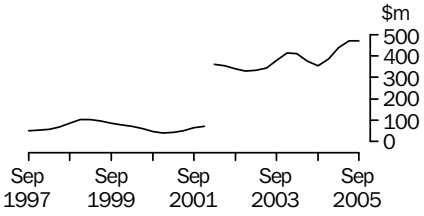
TASMANIA



Break in trend series from March 2004

The trend estimate for work done has remained static for four consecutive quarters.

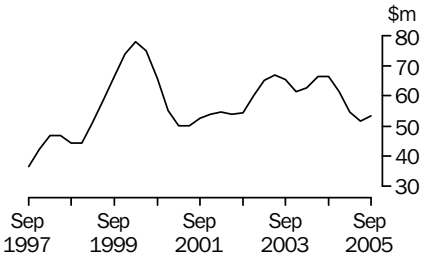
NORTHERN TERRITORY



Break in trend series from March 2002

After three quarters of growth the trend value for work done has remained static this quarter.

AUSTRALIAN CAPITAL TERRITORY



Following four quarters of decline the trend estimate for work done has increased this quarter.

LIST OF TABLES

page

TABLES

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

BY THE PRIVATE SECTOR

Period	*For the private sector* $m	*For the public sector* $m	*Total* $m	*By the public sector* $m	*Total for the public sector*(b) $m	***Total*** $m
ORIGINAL						
2002–03	13 698.6	4 180.6	17 877.9	7 618.1	11 798.9	**25 497.9**
2003–04	15 837.1	4 141.1	19 978.2	7 428.8	11 569.9	**27 407.0**
2004–05	17 903.5	5 405.1	23 308.6	7 780.2	13 185.4	**31 088.9**
2004						
June	3 976.8	1 212.0	5 188.4	2 256.8	3 468.7	**7 445.3**
September	4 058.7	1 218.9	5 277.7	1 828.3	3 047.3	**7 106.0**
December	4 573.2	1 277.2	5 850.4	1 837.0	3 114.2	**7 687.4**
2005						
March	4 466.8	1 342.2	5 809.0	1 770.4	3 112.6	**7 579.4**
June	4 804.8	1 566.8	6 371.6	2 344.5	3 911.3	**8 716.1**
September	5 280.3	1 347.7	6 628.0	1 922.3	3 270.0	**8 550.3**
SEASONALLY ADJUSTED						
2004						
June	4 038.0	1 153.4	5 190.8	1 931.0	3 084.3	**7 122.0**
September	3 879.9	1 253.3	5 133.2	2 015.8	3 269.1	**7 149.0**
December	4 404.7	1 267.8	5 672.5	1 843.4	3 111.2	**7 515.8**
2005						
March	4 720.9	1 407.0	6 127.8	2 007.6	3 414.6	**8 135.5**
June	4 898.0	1 477.1	6 375.2	1 913.4	3 390.5	**8 288.6**
September	5 145.7	1 386.5	6 532.2	2 110.6	3 497.1	**8 642.8**
TREND						
2004						
June	3 996.2	1 148.5	5 144.3	1 925.2	3 084.5	**7 080.5**
September	4 070.1	1 231.0	5 301.8	1 942.1	3 176.4	**7 247.3**
December	4 328.0	1 314.7	5 642.7	1 933.4	3 248.9	**7 577.0**
2005						
March	4 658.7	1 387.0	6 046.7	1 942.1	3 329.3	**7 987.7**
June	4 933.6	1 428.8	6 363.2	1 988.0	3 416.9	**8 350.8**
September	5 120.0	1 435.8	6 544.7	2 042.1	3 475.7	**8 599.4**

(a) Reference year for chain volume measures is 2003–04. See paragraphs 24–27 of the Explanatory Notes.

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

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

	BY THE PRIVATE SECTOR					
	For the private sector	*For the public sector*	*Total*	*By the public sector*	*Total for the public sector*(b)	***Total***
Period	%	%	%	%	%	%
			ORIGINAL			
2002–03	44.9	2.2	32.1	–0.6	0.3	**20.1**
2003–04	15.6	–0.9	11.7	–2.5	–1.9	**7.5**
2004–05	13.0	30.5	16.7	4.7	14.0	**13.4**
2004						
June	3.6	17.8	6.6	30.6	25.8	**12.9**
September	2.1	0.6	1.7	–19.0	–12.1	**–4.6**
December	12.7	4.8	10.9	0.5	2.2	**8.2**
2005						
March	–2.3	5.1	–0.7	–3.6	–0.1	**–1.4**
June	7.6	16.7	9.7	32.4	25.7	**15.0**
September	9.9	–14.0	4.0	–18.0	–16.4	**–1.9**
			SEASONALLY ADJUSTED			
2004						
June	–0.3	8.0	1.4	3.2	4.9	**1.9**
September	–3.9	8.7	–1.1	4.4	6.0	**0.4**
December	13.5	1.2	10.5	–8.6	–4.8	**5.1**
2005						
March	7.2	11.0	8.0	8.9	9.8	**8.2**
June	3.8	5.0	4.0	–4.7	–0.7	**1.9**
September	5.1	–6.1	2.5	10.3	3.1	**4.3**
			TREND			
2004						
June	–0.4	8.8	1.6	2.9	4.7	**1.8**
September	1.8	7.2	3.1	0.9	3.0	**2.4**
December	6.3	6.8	6.4	–0.4	2.3	**4.5**
2005						
March	7.6	5.5	7.2	0.5	2.5	**5.4**
June	5.9	3.0	5.2	2.4	2.6	**4.5**
September	3.8	0.5	2.9	2.7	1.7	**3.0**

(a) Reference year for chain volume measures is 2003–04. See paragraphs 24–27 of the Explanatory Notes.

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

3 VALUE OF WORK DONE, States and territories—Chain volume measures(a)

Period	NSW $m	Vic. $m	Qld $m	SA $m	WA $m	Tas. $m	NT $m	ACT $m	**Aust.** $m
ORIGINAL									
2002–03	6 699.0	4 374.7	5 767.9	1 810.7	4 850.6	378.9	1 363.9	252.1	**25 497.9**
2003–04	7 888.2	4 983.3	5 539.9	1 764.7	4 880.6	485.5	1 619.8	244.9	**27 407.0**
2004–05	8 884.9	5 678.6	6 696.0	1 865.0	5 532.4	563.2	1 630.0	238.7	**31 088.9**
2004									
June	2 117.4	1 352.9	1 555.1	479.6	1 306.7	163.0	402.7	68.6	**7 445.3**
September	2 004.9	1 181.6	1 627.0	439.5	1 313.5	135.6	331.4	72.5	**7 106.0**
December	2 133.8	1 366.9	1 696.2	497.7	1 418.9	121.2	396.5	56.4	**7 687.4**
2005									
March	2 084.4	1 504.4	1 595.3	414.8	1 376.3	156.9	400.3	47.1	**7 579.4**
June	2 661.9	1 625.8	1 777.6	513.0	1 423.7	149.5	501.8	62.8	**8 716.1**
September	2 472.7	1 483.9	1 925.6	393.4	1 624.8	118.9	479.5	51.4	**8 550.3**
SEASONALLY ADJUSTED									
2004									
June	1 933.0	1 270.0	1 491.1	444.8	1 243.5	145.3	398.8	59.1	**7 122.0**
September	2 071.3	1 265.1	1 612.9	480.9	1 325.4	159.2	310.1	77.8	**7 149.0**
December	2 114.4	1 380.0	1 662.3	477.4	1 384.1	125.3	363.0	58.1	**7 515.8**
2005									
March	2 227.9	1 506.1	1 712.9	458.5	1 466.8	148.3	494.7	50.7	**8 135.5**
June	2 471.3	1 527.4	1 707.9	448.1	1 356.2	130.3	462.2	52.1	**8 288.6**
September	2 565.1	1 588.9	1 904.7	428.1	1 636.6	139.3	455.9	55.1	**8 642.8**
TREND									
2004									
June	2 024.3	1 263.7	1 490.1	442.1	1 258.4	132.0	374.6	66.5	**7 080.5**
September	2 039.2	1 298.9	1 584.1	469.1	1 325.3	141.8	355.8	66.4	**7 247.3**
December	2 118.7	1 380.1	1 660.4	476.2	1 375.8	142.1	384.6	61.3	**7 577.0**
2005									
March	2 271.6	1 471.6	1 705.6	462.4	1 417.3	137.9	439.4	54.6	**7 987.7**
June	2 423.9	1 542.0	1 767.5	445.6	1 471.6	136.5	471.2	51.6	**8 350.8**
September	2 545.7	1 583.5	1 829.2	434.6	1 538.7	137.7	472.2	53.3	**8 599.4**

(a) Reference year for chain volume measures is 2003–04. See paragraphs 24–27 of the Explanatory Notes.

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

Period	NSW %	Vic. %	Qld %	SA %	WA %	Tas. %	NT %	ACT %	**Aust.** %
				ORIGINAL					
2002–03	12.2	21.9	16.7	22.0	48.6	–22.6	6.1	18.8	**20.1**
2003–04	17.8	13.9	–4.0	–2.5	0.6	28.1	18.8	–2.9	**7.5**
2004–05	12.6	14.0	20.9	5.7	13.4	16.0	0.6	–2.5	**13.4**
2004									
June	6.5	6.8	26.0	20.3	13.5	28.9	8.7	13.0	**12.9**
September	–5.3	–12.7	4.6	–8.4	0.5	–16.8	–17.7	5.7	**–4.6**
December	6.4	15.7	4.3	13.2	8.0	–10.7	19.6	–22.2	**8.2**
2005									
March	–2.3	10.1	–5.9	–16.7	–3.0	29.5	1.0	–16.4	**–1.4**
June	27.7	8.1	11.4	23.7	3.4	–4.7	25.3	33.3	**15.0**
September	–7.1	–8.7	8.3	–23.3	14.1	–20.5	–4.4	–18.1	**–1.9**
				SEASONALLY ADJUSTED					
2004									
June	–8.7	0.6	11.9	8.8	1.6	18.9	–7.6	–5.9	**1.9**
September	7.2	–0.4	8.2	8.1	6.6	9.5	–22.2	31.6	**0.4**
December	2.1	9.1	3.1	–0.7	4.4	–21.3	17.1	–25.3	**5.1**
2005									
March	5.4	9.1	3.0	–4.0	6.0	18.4	36.3	–12.9	**8.2**
June	10.9	1.4	–0.3	–2.3	–7.5	–12.1	–6.6	3.0	**1.9**
September	3.8	4.0	11.5	–4.5	20.7	6.9	–1.4	5.8	**4.3**
				TREND					
2004									
June	0.3	0.3	5.7	4.1	3.6	10.7	–8.8	6.4	**1.8**
September	0.7	2.8	6.3	6.1	5.3	7.5	–5.0	–0.2	**2.4**
December	3.9	6.3	4.8	1.5	3.8	0.2	8.1	–7.6	**4.5**
2005									
March	7.2	6.6	2.7	–2.9	3.0	–2.9	14.2	–11.0	**5.4**
June	6.7	4.8	3.6	–3.6	3.8	–1.0	7.3	–5.5	**4.5**
September	5.0	2.7	3.5	–2.5	4.6	0.9	0.2	3.3	**3.0**

(a) Reference year for chain volume measures is 2003–04. See paragraph 24–27 of the Explanatory Notes.

BY THE PRIVATE SECTOR

Period	*For the private sector* $m	*For the public sector* $m	*Total* $m	*By the public sector* $m	*Total for the public sector*(a) $m	***Total*** $m
ORIGINAL						
2002–03	13 283.0	4 042.8	17 325.9	7 402.9	11 445.8	**24 728.8**
2003–04	15 837.1	4 141.1	19 978.1	7 428.8	11 569.9	**27 407.0**
2004–05	18 888.2	5 647.4	24 535.6	8 178.0	13 825.4	**32 713.6**
2004						
June	4 067.0	1 226.2	5 293.1	2 289.2	3 515.4	**7 582.4**
September	4 197.5	1 248.2	5 445.7	1 880.0	3 128.2	**7 325.6**
December	4 785.9	1 324.2	6 110.1	1 911.5	3 235.7	**8 021.6**
2005						
March	4 744.1	1 406.0	6 150.1	1 867.0	3 273.0	**8 017.2**
June	5 160.7	1 669.0	6 829.7	2 519.5	4 188.5	**9 349.2**
September	5 732.5	1 452.0	7 184.5	2 088.2	3 540.2	**9 272.6**
SEASONALLY ADJUSTED						
2004						
June	4 142.0	1 166.1	5 308.1	1 953.8	3 119.9	**7 261.9**
September	4 020.8	1 282.0	5 302.8	2 070.9	3 352.9	**7 373.7**
December	4 614.6	1 312.8	5 927.4	1 917.4	3 230.2	**7 844.8**
2005						
March	5 016.3	1 471.8	6 488.1	2 117.5	3 589.3	**8 605.5**
June	5 261.5	1 570.9	6 832.4	2 056.9	3 627.8	**8 889.3**
September	5 607.8	1 492.8	7 100.6	2 287.9	3 780.7	**9 388.5**
TREND						
2004						
June	4 078.1	1 162.5	5 240.5	1 961.4	3 123.9	**7 201.9**
September	4 220.1	1 258.6	5 478.7	1 995.7	3 254.3	**7 474.4**
December	4 542.4	1 360.6	5 903.0	2 012.4	3 373.0	**7 915.4**
2005						
March	4 948.8	1 452.8	6 401.6	2 051.1	3 503.9	**8 452.7**
June	5 305.9	1 517.1	6 823.0	2 130.7	3 647.8	**8 953.7**
September	5 565.6	1 551.3	7 116.8	2 225.8	3 777.0	**9 342.6**

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

6 VALUE OF WORK DONE, Change from previous period

BY THE PRIVATE SECTOR

Period	*For the private sector* %	*For the public sector* %	*Total* %	*By the public sector* %	*Total for the public sector*(a) %	***Total*** %
ORIGINAL						
2002–03	49.3	5.5	36.1	1.4	2.8	**23.5**
2003–04	19.2	2.4	15.3	0.3	1.1	**10.8**
2004–05	19.3	36.4	22.8	10.1	19.5	**19.4**
2004						
June	6.0	18.7	8.7	32.0	27.1	**14.8**
September	3.2	1.8	2.9	–17.9	–11.0	**–3.4**
December	14.0	6.1	12.2	1.7	3.4	**9.5**
2005						
March	–0.9	6.2	0.7	–2.3	1.2	**–0.1**
June	8.8	18.7	11.0	34.9	28.0	**16.6**
September	11.1	–13.0	5.2	–17.1	–15.5	**–0.8**
SEASONALLY ADJUSTED						
2004						
June	1.9	8.8	3.4	4.3	5.9	**3.6**
September	–2.9	9.9	–0.1	6.0	7.5	**1.5**
December	14.8	2.4	11.8	–7.4	–3.7	**6.4**
2005						
March	8.7	12.1	9.5	10.4	11.1	**9.7**
June	4.9	6.7	5.3	–2.9	1.1	**3.3**
September	6.6	–5.0	3.9	11.2	4.2	**5.6**
TREND						
2004						
June	1.2	9.8	3.0	3.6	5.8	**3.1**
September	3.5	8.3	4.5	1.7	4.2	**3.8**
December	7.6	8.1	7.7	0.8	3.6	**5.9**
2005						
March	8.9	6.8	8.4	1.9	3.9	**6.8**
June	7.2	4.4	6.6	3.9	4.1	**5.9**
September	4.9	2.3	4.3	4.5	3.5	**4.3**

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

7 VALUE OF WORK DONE, States and territories

Period	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	**Aust.**
	$m	$m	$m	$m	$m	$m	$m	$m	$m
ORIGINAL									
2002–03	6 483.7	4 244.3	5 558.8	1 766.4	4 735.3	364.0	1 331.6	244.7	**24 728.8**
2003–04	7 888.2	4 983.3	5 539.9	1 764.7	4 880.6	485.5	1 619.8	244.9	**27 407.0**
2004–05	9 340.6	5 911.5	7 083.9	1 965.1	5 837.9	596.2	1 731.1	247.3	**32 713.6**
2004									
June	2 153.3	1 370.7	1 590.4	487.1	1 331.9	166.0	413.5	69.4	**7 582.4**
September	2 066.3	1 209.0	1 684.4	452.8	1 354.9	139.7	344.4	74.1	**7 325.6**
December	2 222.5	1 415.7	1 776.9	520.7	1 484.4	126.4	416.9	58.1	**8 021.6**
2005									
March	2 198.8	1 572.0	1 698.3	439.1	1 464.3	167.5	428.3	48.8	**8 017.2**
June	2 853.1	1 714.8	1 924.3	552.4	1 534.3	162.7	541.4	66.3	**9 349.2**
September	2 671.0	1 588.8	2 109.6	429.8	1 768.3	131.0	519.6	54.5	**9 272.6**
SEASONALLY ADJUSTED									
2004									
June	1 975.7	1 284.4	1 523.4	453.3	1 269.9	146.8	413.5	60.2	**7 261.9**
September	2 138.6	1 291.0	1 669.9	496.1	1 369.1	164.2	325.3	80.0	**7 373.7**
December	2 200.4	1 425.0	1 742.6	499.2	1 449.8	131.3	385.3	60.3	**7 844.8**
2005									
March	2 343.8	1 568.6	1 825.6	484.6	1 562.6	159.8	534.1	52.9	**8 605.5**
June	2 639.0	1 605.6	1 851.3	481.5	1 463.2	143.3	503.1	55.5	**8 889.3**
September	2 785.4	1 697.0	2 085.4	468.8	1 783.5	152.1	494.8	58.4	**9 388.5**
TREND									
2004									
June	2 067.8	1 277.0	1 518.2	450.6	1 280.5	133.6	384.4	67.7	**7 201.9**
September	2 103.2	1 326.6	1 639.6	484.0	1 370.3	144.8	373.1	68.2	**7 474.4**
December	2 206.1	1 423.7	1 743.2	497.2	1 443.1	148.4	410.8	63.6	**7 915.4**
2005									
March	2 391.7	1 532.8	1 815.8	489.7	1 507.1	147.4	473.1	57.4	**8 452.7**
June	2 589.5	1 624.1	1 911.7	479.2	1 586.6	148.8	510.8	54.7	**8 953.7**
September	2 784.4	1 692.3	2 021.6	470.5	1 684.4	152.7	518.8	56.4	**9 342.6**

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

Period	NSW %	Vic. %	Qld %	SA %	WA %	Tas. %	NT %	ACT %	**Aust.** %
				ORIGINAL					
2002–03	15.8	25.2	20.1	24.6	51.8	–19.8	8.5	22.4	**23.5**
2003–04	21.7	17.4	–0.3	–0.1	3.1	33.4	21.6	0.1	**10.8**
2004–05	18.4	18.6	27.9	11.4	19.6	22.8	6.9	1.0	**19.4**
2004									
June	7.8	8.0	28.8	22.2	15.9	31.3	12.3	14.5	**14.8**
September	–4.0	–11.8	5.9	–7.0	1.7	–15.9	–16.7	6.7	**–3.4**
December	7.6	17.1	5.5	15.0	9.6	–9.5	21.1	–21.6	**9.5**
2005									
March	–1.1	11.0	–4.4	–15.7	–1.4	32.6	2.7	–16.0	**–0.1**
June	29.8	9.1	13.3	25.8	4.8	–2.9	26.4	35.7	**16.6**
September	–6.4	–7.3	9.6	–22.2	15.3	–19.4	–4.0	–17.7	**–0.8**
				SEASONALLY ADJUSTED					
2004									
June	–7.7	1.6	14.4	10.4	3.8	21.6	–4.3	–4.4	**3.6**
September	8.2	0.5	9.6	9.4	7.8	11.9	–21.3	32.9	**1.5**
December	2.9	10.4	4.4	0.6	5.9	–20.0	18.4	–24.6	**6.4**
2005									
March	6.5	10.1	4.8	–2.9	7.8	21.7	38.6	–12.3	**9.7**
June	12.6	2.4	1.4	–0.6	–6.4	–10.3	–5.8	4.8	**3.3**
September	5.5	5.7	12.6	–2.6	21.9	6.1	–1.7	5.2	**5.6**
				TREND					
2004									
June	1.4	1.2	7.4	5.5	5.0	11.0	–7.1	7.5	**3.1**
September	1.7	3.9	8.0	7.4	7.0	8.4	–2.9	0.8	**3.8**
December	4.9	7.3	6.3	2.7	5.3	2.5	10.1	–6.7	**5.9**
2005									
March	8.4	7.7	4.2	–1.5	4.4	–0.7	15.2	–9.8	**6.8**
June	8.3	6.0	5.3	–2.1	5.3	0.9	8.0	–4.7	**5.9**
September	7.5	4.2	5.8	–1.8	6.2	2.6	1.6	3.2	**4.3**

9 ACTIVITY, States and territories: **Original**

Period	NSW $m	Vic. $m	Qld $m	SA $m	WA $m	Tas. $m	NT $m	ACT $m	**Aust.** $m
VALUE OF WORK COMMENCED DURING PERIOD									
2002–03	8 964.0	4 886.8	5 562.2	1 591.2	4 620.7	305.7	1 880.2	223.5	**28 034.3**
2003–04	8 463.0	4 583.0	5 957.5	1 496.5	4 871.2	721.7	1 026.2	267.4	**27 386.5**
2004–05	9 283.2	8 744.7	9 432.9	2 085.3	8 565.0	483.1	2 502.1	234.8	**41 331.2**
2004									
June	2 995.4	1 038.2	1 721.3	483.5	692.5	86.9	90.2	74.2	**7 182.1**
September	2 018.3	1 076.4	3 056.1	912.4	2 648.8	98.5	185.9	61.3	**10 057.8**
December	2 145.8	2 092.5	1 922.0	360.0	2 020.0	160.7	2 050.9	52.2	**10 804.0**
2005									
March	2 624.6	4 319.9	2 319.2	455.7	2 743.9	^ 114.4	^ 56.3	62.1	**12 696.2**
June	2 494.5	1 256.0	2 135.5	357.2	1 152.3	109.5	209.0	59.3	**7 773.2**
September	2 566.0	1 298.3	2 492.6	409.8	3 071.1	^ 98.6	134.5	51.2	**10 121.9**
VALUE OF WORK DONE DURING PERIOD									
2002–03	6 483.7	4 244.3	5 558.8	1 766.4	4 735.3	364.0	1 331.6	244.7	**24 728.8**
2003–04	7 888.2	4 983.3	5 539.9	1 764.7	4 880.6	485.5	1 619.8	244.9	**27 407.0**
2004–05	9 340.6	5 911.5	7 083.9	1 965.1	5 837.9	596.2	1 731.1	247.3	**32 713.6**
2004									
June	2 153.3	1 370.7	1 590.4	487.1	1 331.9	166.0	413.5	69.4	**7 582.4**
September	2 066.3	1 209.0	1 684.4	452.8	1 354.9	139.7	344.4	74.1	**7 325.6**
December	2 222.5	1 415.7	1 776.9	520.7	1 484.4	126.4	416.9	58.1	**8 021.6**
2005									
March	2 198.8	1 572.0	1 698.3	439.1	1 464.3	167.5	428.3	48.8	**8 017.2**
June	2 853.1	1 714.8	1 924.3	552.4	1 534.3	162.7	541.4	66.3	**9 349.2**
September	2 671.0	1 588.8	2 109.6	429.8	1 768.3	131.0	519.6	54.5	**9 272.6**
VALUE OF WORK YET TO BE DONE									
2002–03	3 811.3	1 916.0	1 913.2	601.8	2 387.6	29.1	1 849.3	26.1	**12 534.3**
2003–04	4 552.7	1 658.7	2 323.3	318.7	2 803.1	332.8	1 360.5	40.8	**13 390.6**
2004–05	3 807.1	4 992.5	4 166.5	392.3	6 477.8	184.1	1 830.6	15.3	**21 866.1**
2004									
June	4 552.7	1 658.7	2 323.3	318.7	2 803.1	332.8	1 360.5	40.8	**13 390.6**
September	4 454.4	1 595.1	3 380.1	752.1	4 049.3	296.3	1 211.2	^ 38.7	**15 777.3**
December	4 174.1	2 337.4	3 551.4	595.4	4 799.0	230.2	2 651.8	10.7	**18 350.1**
2005									
March	4 371.2	5 145.1	4 114.3	574.9	6 244.3	161.5	2 179.7	25.1	**22 816.1**
June	3 807.1	4 992.5	4 166.5	392.3	6 477.8	184.1	1 830.6	15.3	**21 866.1**
September	3 628.0	4 622.9	4 234.9	359.6	7 732.2	259.9	1 429.6	7.5	**22 274.6**

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

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

Period	NSW %	Vic. %	Qld %	SA %	WA %	Tas. %	NT %	ACT %	**Aust.** %
VALUE OF WORK COMMENCED DURING PERIOD									
2002–03	62.1	40.0	9.7	–2.3	–1.3	–36.9	–15.6	7.5	**20.2**
2003–04	–5.6	–6.2	7.1	–6.0	5.4	136.1	–45.4	19.6	**–2.3**
2004–05	9.7	90.8	58.3	39.4	75.8	–33.1	143.8	–12.2	**50.9**
2004									
June	80.9	–21.5	59.5	53.3	–71.9	–81.3	–16.9	–11.8	**–4.2**
September	–32.6	3.7	77.5	88.7	282.5	13.4	106.1	–17.3	**40.0**
December	6.3	94.4	–37.1	–60.5	–23.7	63.1	1 003.1	–14.9	**7.4**
2005									
March	22.3	106.4	20.7	26.6	35.8	–28.8	–97.3	19.0	**17.5**
June	–5.0	–70.9	–7.9	–21.6	–58.0	–4.3	270.9	–4.5	**–38.8**
September	2.9	3.4	16.7	14.7	166.5	–10.0	–35.7	–13.7	**30.2**
VALUE OF WORK DONE DURING PERIOD									
2002–03	15.8	25.2	20.1	24.6	51.8	–19.8	8.5	22.4	**23.5**
2003–04	21.7	17.4	–0.3	–0.1	3.1	33.4	21.6	0.1	**10.8**
2004–05	18.4	18.6	27.9	11.4	19.6	22.8	6.9	1.0	**19.4**
2004									
June	7.8	8.0	28.8	22.2	15.9	31.3	12.3	14.5	**14.8**
September	–4.0	–11.8	5.9	–7.0	1.7	–15.9	–16.7	6.7	**–3.4**
December	7.6	17.1	5.5	15.0	9.6	–9.5	21.1	–21.6	**9.5**
2005									
March	–1.1	11.0	–4.4	–15.7	–1.4	32.6	2.7	–16.0	**–0.1**
June	29.8	9.1	13.3	25.8	4.8	–2.9	26.4	35.7	**16.6**
September	–6.4	–7.3	9.6	–22.2	15.3	–19.4	–4.0	–17.7	**–0.8**
VALUE OF WORK YET TO BE DONE									
2002–03	202.1	48.2	–30.0	–0.7	–6.2	–54.9	77.1	–14.8	**30.9**
2003–04	19.5	–13.4	21.4	–47.0	17.4	1 043.1	–26.4	56.4	**6.8**
2004–05	–16.4	201.0	79.3	23.1	131.1	–44.7	34.6	–62.6	**63.3**
2004									
June	32.9	–21.9	5.3	–2.3	–13.8	–20.2	–19.9	39.7	**–0.6**
September	–2.2	–3.8	45.5	136.0	44.5	–11.0	–11.0	–5.3	**17.8**
December	–6.3	46.5	5.1	–20.8	18.5	–22.3	118.9	–72.4	**16.3**
2005									
March	4.7	120.1	15.9	–3.4	30.1	–29.8	–17.8	134.7	**24.3**
June	–12.9	–3.0	1.3	–31.8	3.7	14.0	–16.0	–39.2	**–4.2**
September	–4.7	–7.4	1.6	–8.3	19.4	41.2	–21.9	–50.6	**1.9**

11 ACTIVITY, By type: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges* $m	*Railways* $m	*Harbours* $m	*Water storage and supply* $m	*Sewerage and drainage* $m	*Electricity generation, transmission and distribution* $m	*Pipelines* $m	*Recreation* $m
VALUE OF WORK COMMENCED DURING PERIOD									
2002–03	8 098.4	267.0	2 224.6	379.7	790.4	1 133.7	2 494.7	851.0	1 471.6
2003–04	8 224.1	402.3	1 467.8	1 235.5	1 378.1	1 342.2	3 830.7	973.5	1 430.3
2004–05	12 088.4	369.6	1 747.1	481.9	1 305.3	1 247.4	5 750.7	840.9	1 904.1
2004									
June	2 770.3	98.0	234.7	^ 34.7	^ 340.0	^ 293.1	654.6	^ 66.0	^ 335.2
September	2 230.2	^ 75.2	241.6	*78.8	^ 524.3	556.6	2 565.5	^ 92.2	^ 534.5
December	1 990.6	^ 53.4	690.6	70.1	^ 191.4	^ 215.4	984.5	^ 429.3	^ 511.2
2005									
March	5 550.6	96.7	290.8	^ 145.1	^ 207.1	200.6	1 288.7	*181.1	^ 388.0
June	2 317.0	*144.2	524.1	187.8	382.4	274.8	912.0	*138.3	^ 470.4
September	2 328.9	*77.8	^ 347.6	124.7	453.0	^ 329.0	1 207.2	*138.8	511.8
VALUE OF WORK DONE DURING PERIOD									
2002–03	6 324.3	311.7	1 287.1	298.8	633.3	974.4	3 293.6	938.7	1 380.7
2003–04	7 636.8	258.1	1 507.9	453.8	911.3	1 323.0	3 566.4	1 414.2	1 402.2
2004–05	9 459.9	382.4	2 232.9	925.0	1 227.2	1 127.0	4 614.9	702.4	1 656.6
2004									
June	2 277.4	72.2	454.0	160.4	254.2	359.6	969.9	328.4	368.6
September	2 041.9	89.6	452.8	209.8	284.0	^ 321.8	1 028.9	207.2	^ 396.6
December	2 260.2	87.0	566.0	248.3	315.2	287.9	1 138.0	215.8	442.6
2005									
March	2 420.0	98.6	529.1	229.4	271.0	234.7	1 240.4	104.7	^ 395.8
June	2 737.8	107.2	685.1	237.5	357.0	282.6	1 207.6	174.6	421.6
September	2 645.4	87.6	594.4	262.2	313.0	^ 244.4	1 276.9	190.1	^ 416.6
VALUE OF WORK YET TO BE DONE DURING PERIOD									
2002–03	3 117.6	85.2	1 553.5	206.6	320.9	502.5	733.8	748.9	131.5
2003–04	3 928.0	240.5	1 696.6	950.6	475.2	655.2	1 289.0	305.7	152.8
2004–05	6 218.6	218.7	1 605.9	543.7	456.2	427.1	2 381.5	775.4	153.6
2004									
June	3 928.0	240.5	1 696.6	950.6	^ 475.2	^ 655.2	1 289.0	305.7	152.8
September	4 127.4	^ 236.8	1 679.8	808.4	^ 688.6	650.0	2 718.5	155.8	^ 210.0
December	3 747.2	185.0	1 907.1	637.7	^ 594.0	533.6	2 437.0	^ 358.5	^ 255.0
2005									
March	6 817.9	189.1	1 715.8	575.2	^ 435.3	468.5	2 507.1	325.6	^ 230.3
June	6 218.6	^ 218.7	1 605.9	543.7	456.2	427.1	2 381.5	^ 775.4	^ 153.6
September	5 737.4	152.9	1 342.3	464.9	556.3	434.0	2 309.4	^ 676.5	195.0

^ 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

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

Period	*Telecom-munications* $m	*Oil, gas, coal and other minerals* $m	*Other heavy industry* $m	*Other* $m	***Total*** $m
VALUE OF WORK COMMENCED DURING PERIOD					
2002–03	2 951.9	6 866.7	199.2	305.4	**28 034.3**
2003–04	3 020.2	3 485.5	310.9	285.7	**27 386.5**
2004–05	3 420.7	10 778.8	1 025.0	371.3	**41 331.2**
2004					
June	934.0	1 254.7	118.4	^ 48.5	**7 182.1**
September	788.4	2 139.7	180.7	^ 50.1	**10 057.8**
December	825.3	4 600.9	154.1	^ 87.2	**10 804.0**
2005					
March	765.1	2 825.3	647.0	^ 110.0	**12 696.2**
June	1 042.0	1 212.9	*43.3	^ 124.0	**7 773.2**
September	933.9	3 400.8	100.2	^ 168.2	**10 121.9**
VALUE OF WORK DONE DURING PERIOD					
2002–03	3 161.3	5 635.0	230.0	259.8	**24 728.8**
2003–04	2 995.7	5 385.1	293.6	258.9	**27 407.0**
2004–05	3 497.9	6 095.5	521.4	270.6	**32 713.6**
2004					
June	881.2	1 329.2	78.5	^ 48.9	**7 582.4**
September	806.6	1 306.4	130.5	^ 49.6	**7 325.6**
December	844.8	1 448.0	112.5	^ 55.3	**8 021.6**
2005					
March	813.7	1 499.7	117.9	^ 62.1	**8 017.2**
June	1 032.7	1 841.3	160.4	^ 103.7	**9 349.2**
September	966.7	1 960.4	155.7	^ 159.1	**9 272.6**
VALUE OF WORK YET TO BE DONE DURING PERIOD					
2002–03	119.7	4 930.6	73.1	10.4	**12 534.3**
2003–04	148.7	3 449.4	79.9	19.1	**13 390.6**
2004–05	151.3	8 153.9	693.5	86.8	**21 866.1**
2004					
June	148.7	3 449.4	79.9	*19.1	**13 390.6**
September	125.0	4 226.6	136.4	^ 13.9	**15 777.3**
December	173.8	7 297.5	176.9	^ 46.8	**18 350.1**
2005					
March	118.6	8 625.8	723.0	^ 84.0	**22 816.1**
June	151.3	8 153.9	693.5	^ 86.8	**21 866.1**
September	159.4	9 516.7	659.1	^ 70.8	**22 274.6**

^ 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

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

Period	*Roads, highways and subdivisions* $m	*Bridges* $m	*Railways* $m	*Harbours* $m	*Water storage and supply* $m	*Sewerage and drainage* $m	*Electricity generation, transmission and distribution* $m	*Pipelines* $m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR								
2002–03	4 404.2	54.0	553.0	194.0	176.8	311.9	1 048.7	817.6
2003–04	4 154.5	38.1	184.2	1 133.9	322.4	383.2	1 818.0	949.8
2004–05	6 387.8	63.0	319.0	356.2	399.7	248.3	2 321.6	826.1
2004								
June	1 660.9	*11.1	^ 23.3	*15.9	^ 94.6	^ 72.1	240.4	^ 63.5
September	1 035.5	*23.7	^ 60.1	*59.2	118.1	^ 73.2	843.1	^ 90.3
December	873.8	*12.9	158.7	57.1	^ 87.8	^ 53.9	^ 413.7	^ 421.3
2005								
March	3 467.4	*9.4	45.1	^ 80.9	^ 70.9	^ 48.0	750.5	*179.6
June	^ 1 011.1	*17.1	^ 55.1	159.0	^ 122.8	^ 73.3	314.3	**134.8
September	^ 1 153.6	2.9	^ 70.7	84.7	*120.5	*84.6	379.4	*137.0
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR								
2002–03	1 639.8	112.4	1 212.4	140.6	193.2	478.4	143.5	3.4
2003–04	2 107.6	258.0	807.3	60.3	597.1	527.3	256.8	2.1
2004–05	3 368.7	209.3	666.7	105.4	547.2	460.7	1 434.4	9.3
2004								
June	641.4	68.2	147.8	16.4	*212.3	*169.7	*81.8	**2.1
September	440.6	21.2	^ 89.0	*13.8	^ 189.4	220.4	1 188.4	*0.4
December	549.2	^ 17.1	373.5	7.4	^ 47.6	*43.7	^ 87.6	*6.7
2005								
March	1 627.7	70.8	^ 14.4	^ 58.7	^ 99.3	^ 65.0	^ 100.9	—
June	751.3	*100.2	189.8	25.5	210.9	131.6	*57.6	^ 2.2
September	414.7	*45.4	**106.3	37.6	^ 169.0	*64.7	*69.0	*0.7
TOTAL BY THE PRIVATE SECTOR								
2002–03	6 044.0	166.5	1 765.3	334.6	370.0	790.3	1 192.1	821.1
2003–04	6 262.1	296.1	991.5	1 194.2	919.6	910.5	2 074.8	951.9
2004–05	9 756.6	272.3	985.7	461.6	946.8	709.0	3 756.0	835.3
2004								
June	2 302.2	79.3	171.1	^ 32.3	^ 306.9	*241.8	^ 322.2	^ 65.6
September	1 476.1	^ 44.9	^ 149.2	*73.0	307.4	293.6	2 031.4	^ 90.7
December	1 422.9	^ 30.0	532.2	64.5	^ 135.4	^ 97.6	501.3	^ 428.0
2005								
March	5 095.1	80.2	59.4	^ 139.6	^ 170.3	^ 112.9	851.4	*179.6
June	1 762.4	*117.3	244.9	184.5	333.7	^ 204.9	371.9	**137.1
September	1 568.3	*48.3	*177.0	122.3	^ 289.5	*149.3	448.5	*137.8

^ 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

** 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)

Period	Recreation $m	Telecom-munications $m	Oil, gas, coal and other minerals $m	Other heavy industry $m	Other $m	**Total** $m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR						
2002–03	1 012.4	276.2	6 841.8	193.7	260.2	**16 144.5**
2003–04	1 070.7	751.0	3 477.1	284.8	250.6	**14 818.2**
2004–05	1 487.6	924.9	10 755.5	1 024.0	305.1	**25 418.8**
2004						
June	^ 272.4	139.6	1 254.7	118.4	^ 34.1	**4 001.1**
September	^ 360.5	188.7	2 137.0	180.7	^ 43.9	**5 214.0**
December	^ 393.4	257.8	4 596.6	153.9	^ 74.7	**7 555.5**
2005						
March	^ 329.3	196.7	2 821.3	646.7	^ 93.6	**8 739.3**
June	^ 404.4	^ 281.8	1 200.6	*42.7	*93.0	**3 909.9**
September	^ 368.7	338.3	3 382.8	94.1	^ 155.1	**6 372.5**
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR						
2002–03	257.4	148.8	0.7	5.5	39.5	**4 375.6**
2003–04	206.2	70.1	4.2	23.7	29.3	**4 950.2**
2004–05	147.8	84.2	0.3	0.7	60.2	**7 095.0**
2004						
June	*34.4	58.3	—	—	**13.7	**1 446.1**
September	^ 43.5	*12.0	—	—	^ 3.7	**2 222.4**
December	*53.1	*16.8	0.1	—	*11.3	**1 214.1**
2005						
March	*22.6	24.4	—	—	*15.5	**2 099.4**
June	^ 28.6	31.0	**0.1	*0.7	*29.6	**1 559.1**
September	^ 33.5	12.3	—	*0.8	*11.2	^ **965.3**
TOTAL BY THE PRIVATE SECTOR						
2002–03	1 269.9	425.0	6 842.5	199.2	299.6	**20 520.1**
2003–04	1 276.8	821.2	3 481.3	308.5	279.8	**19 768.4**
2004–05	1 635.4	1 009.1	10 755.8	1 024.6	365.3	**32 513.8**
2004						
June	^ 306.8	198.0	1 254.7	118.4	^ 47.9	**5 447.1**
September	^ 404.1	200.7	2 137.1	180.7	^ 47.6	**7 436.4**
December	^ 446.5	274.6	4 596.7	153.9	^ 86.0	**8 769.6**
2005						
March	^ 351.9	221.0	2 821.3	646.7	^ 109.1	**10 838.7**
June	^ 433.0	312.7	1 200.7	*43.3	*122.6	**5 469.1**
September	^ 402.2	350.6	3 382.8	94.9	^ 166.3	**7 337.8**

^ 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

** 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)

13 WORK DONE BY THE PRIVATE SECTOR, By type: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges* $m	*Railways* $m	*Harbours* $m	*Water storage and supply* $m	*Sewerage and drainage* $m	*Electricity generation, transmission and distribution* $m	*Pipelines* $m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR								
2002–03	2 457.3	74.0	524.4	138.0	163.3	279.8	1 317.2	907.2
2003–04	3 942.4	42.9	270.6	285.4	292.8	478.8	1 471.5	1 384.8
2004–05	5 076.8	86.2	484.1	759.1	353.3	295.0	2 122.0	687.2
2004								
June	1 078.3	**10.9	70.0	130.2	^ 80.1	^ 101.1	410.4	325.0
September	1 146.9	*16.8	97.7	159.2	^ 76.0	^ 90.6	436.9	205.4
December	1 228.0	^ 20.7	177.7	218.0	^ 91.2	^ 72.8	551.8	213.5
2005								
March	1 322.8	*34.6	109.8	173.0	^ 76.4	^ 57.4	675.1	99.8
June	1 379.1	^ 14.0	98.8	208.8	^ 109.7	^ 74.2	458.2	168.4
September	1 535.4	3.6	132.8	218.9	^ 106.1	*77.9	522.5	187.4
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR								
2002–03	1 974.4	145.6	230.5	117.8	182.0	422.7	431.6	8.5
2003–04	1 749.3	123.1	651.4	121.9	347.4	559.9	272.9	8.7
2004–05	2 400.7	204.1	956.9	145.3	563.3	507.9	490.5	9.8
2004								
June	541.9	33.9	210.0	23.2	116.0	^ 171.2	^ 69.6	**2.9
September	500.6	53.8	165.5	45.1	135.8	^ 163.6	^ 99.4	*0.5
December	582.9	^ 44.9	214.8	25.0	^ 144.0	^ 141.2	^ 88.7	*1.0
2005								
March	618.7	39.8	248.2	^ 50.5	^ 121.0	102.6	122.8	*3.3
June	698.4	^ 65.6	328.5	24.7	^ 162.5	^ 100.5	179.6	*5.0
September	611.5	^ 63.1	267.4	41.5	^ 133.8	93.7	^ 181.0	^ 1.7
TOTAL BY THE PRIVATE SECTOR								
2002–03	4 431.7	219.6	754.9	255.8	345.3	702.5	1 748.8	915.7
2003–04	5 691.7	166.0	922.0	407.3	640.1	1 038.7	1 744.4	1 393.6
2004–05	7 477.5	290.3	1 441.0	904.4	916.6	802.8	2 612.5	697.0
2004								
June	1 620.3	^ 44.8	280.0	153.3	196.1	^ 272.3	480.0	328.0
September	1 647.5	70.6	263.2	204.2	211.8	^ 254.1	536.3	205.9
December	1 810.9	65.6	392.5	243.0	235.3	^ 214.0	640.6	214.5
2005								
March	1 941.6	^ 74.4	358.0	223.5	^ 197.4	160.0	797.8	103.2
June	2 077.6	^ 79.6	427.3	233.6	272.2	^ 174.6	637.8	173.4
September	2 146.9	^ 66.7	400.2	260.4	^ 239.9	^ 171.5	703.5	189.1

^ 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

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

Period	Recreation $m	Telecom-munications $m	Oil, gas, coal and other minerals $m	Other heavy industry $m	Other $m	**Total** $m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR						
2002–03	1 006.8	353.7	5 610.1	224.5	226.7	**13 283.0**
2003–04	1 026.6	767.2	5 374.4	268.4	231.0	**15 837.1**
2004–05	1 291.7	924.8	6 072.2	518.8	217.1	**18 888.2**
2004						
June	^ 282.7	133.8	1 325.8	77.8	^ 40.9	**4 067.0**
September	^ 303.1	189.2	1 303.8	130.5	^ 41.3	**4 197.5**
December	^ 350.6	262.2	1 443.7	112.2	^ 43.4	**4 785.9**
2005						
March	^ 315.3	217.0	1 495.7	117.5	^ 49.5	**4 744.1**
June	^ 322.7	^ 256.3	1 829.0	158.5	^ 82.8	**5 160.7**
September	^ 344.2	359.7	1 942.4	151.3	^ 150.5	**5 732.5**
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR						
2002–03	216.6	279.3	0.7	5.5	27.7	**4 042.8**
2003–04	213.9	44.4	3.9	22.8	21.6	**4 141.1**
2004–05	160.2	159.8	0.3	0.4	48.1	**5 647.4**
2004						
June	^ 38.4	11.0	*0.8	0.7	*6.4	**1 226.2**
September	^ 48.6	^ 28.9	—	—	6.4	**1 248.2**
December	*39.1	^ 31.6	0.1	—	*10.7	**1 324.2**
2005						
March	^ 35.2	52.4	—	—	*11.5	**1 406.0**
June	^ 37.4	46.8	**0.1	*0.4	*19.4	**1 669.0**
September	^ 27.7	23.6	—	*1.0	*6.0	**1 452.0**
TOTAL BY THE PRIVATE SECTOR						
2002–03	1 223.4	633.0	5 610.8	230.0	254.5	**17 325.9**
2003–04	1 240.5	811.6	5 378.3	291.2	252.6	**19 978.1**
2004–05	1 452.0	1 084.5	6 072.5	519.2	265.2	**24 535.6**
2004						
June	^ 321.2	144.8	1 326.5	78.5	^ 47.3	**5 293.1**
September	^ 351.7	218.2	1 303.8	130.5	^ 47.8	**5 445.7**
December	^ 389.7	293.8	1 443.8	112.2	^ 54.1	**6 110.1**
2005						
March	^ 350.5	269.5	1 495.7	117.5	^ 61.0	**6 150.1**
June	^ 360.1	^ 303.2	1 829.2	159.0	^ 102.3	**6 829.7**
September	^ 371.9	383.2	1 942.4	152.3	^ 156.5	**7 184.5**

^ 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

** 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)

14 WORK YET TO BE DONE BY THE PRIVATE SECTOR, By type: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges* $m	*Railways* $m	*Harbours* $m	*Water storage and supply* $m	*Sewerage and drainage* $m	*Electricity generation, transmission and distribution* $m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR							
2002–03	2 347.2	14.3	360.7	83.9	26.9	118.9	398.5
2003–04	2 795.8	25.8	300.7	891.7	52.9	58.6	1 028.3
2004–05	4 084.1	5.8	323.7	485.3	62.7	48.3	1 188.4
2004							
June	2 795.8	25.8	300.7	891.7	^52.9	58.6	1 028.3
September	2 699.2	21.3	344.1	747.7	77.8	48.8	1 340.1
December	2 378.2	14.8	379.3	594.4	64.3	38.5	1 080.5
2005							
March	4 531.6	^4.6	338.3	509.2	^51.8	^28.2	1 165.2
June	4 084.1	5.8	323.7	485.3	62.7	*48.3	1 188.4
September	3 495.9	6.6	258.0	393.0	^96.0	26.0	928.5
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR							
2002–03	486.1	42.6	1 017.6	110.9	85.9	264.9	125.4
2003–04	911.0	178.9	1 239.3	58.2	379.5	349.3	161.2
2004–05	1 830.6	194.9	1 098.8	57.1	243.4	253.0	1 093.1
2004							
June	911.0	178.9	1 239.3	58.2	^379.5	^349.3	^161.2
September	878.0	^190.7	1 205.4	59.7	^434.6	388.8	1 245.0
December	843.4	^146.7	1 416.7	41.7	^375.6	284.3	1 237.9
2005							
March	1 881.8	164.4	1 206.6	^65.0	^220.5	216.7	1 229.2
June	1 830.6	^194.9	1 098.8	57.1	243.4	253.0	1 093.1
September	1 573.8	118.7	931.4	69.0	278.0	199.4	998.2
TOTAL BY THE PRIVATE SECTOR							
2002–03	2 833.2	56.8	1 378.3	194.8	112.8	383.8	523.8
2003–04	3 706.7	204.7	1 540.0	949.9	432.4	407.9	1 189.5
2004–05	5 914.8	200.6	1 422.5	542.4	306.1	301.3	2 281.4
2004							
June	3 706.7	204.7	1 540.0	949.9	^432.4	^407.9	1 189.5
September	3 577.2	^212.0	1 549.6	807.4	^512.4	437.6	2 585.1
December	3 221.6	^161.5	1 796.0	636.2	^439.9	322.8	2 318.4
2005							
March	6 413.4	169.0	1 544.9	574.2	^272.3	244.9	2 394.4
June	5 914.8	^200.6	1 422.5	542.4	306.1	301.3	2 281.4
September	5 069.7	125.4	1 189.4	462.0	374.0	225.4	1 926.7

^ 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

14 WORK YET TO BE DONE BY THE PRIVATE SECTOR, By type: **Original** *continued*

Period	*Pipelines* $m	*Recreation* $m	*Telecom-munications* $m	*Oil, gas, coal and other minerals* $m	*Other heavy industry* $m	*Other* $m	***Total*** $m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR							
2002–03	747.8	28.1	15.4	4 930.6	73.1	7.2	**9 152.4**
2003–04	305.4	71.4	19.1	3 447.0	79.9	15.5	**9 092.1**
2004–05	773.2	72.2	73.1	8 153.9	691.8	76.8	**16 039.4**
2004							
June	305.4	^ 71.4	19.1	3 447.0	79.9	*15.5	**9 092.1**
September	155.4	85.0	12.3	4 226.6	136.4	*8.3	**9 903.2**
December	^ 352.4	^ 112.6	^ 58.7	7 297.5	176.0	^ 39.5	**12 586.8**
2005							
March	321.5	117.7	25.2	8 625.8	722.2	^ 75.2	**16 516.5**
June	^ 773.2	^ 72.2	73.1	8 153.9	691.8	^ 76.8	**16 039.4**
September	^ 675.7	^ 70.0	136.2	9 516.7	656.4	^ 50.0	**16 309.0**
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR							
2002–03	0.2	54.2	103.8	—	—	3.1	**2 294.7**
2003–04	0.1	30.9	128.7	2.4	—	2.4	**3 441.8**
2004–05	1.8	9.9	76.8	—	0.2	9.8	**4 869.4**
2004							
June	**0.1	30.9	128.7	2.4	—	2.4	**3 441.8**
September	*—	^ 17.1	111.7	—	—	4.5	**4 535.5**
December	*5.7	*29.3	113.8	—	—	^ 6.2	**4 501.4**
2005							
March	3.7	**17.3	92.7	—	—	*8.5	**5 106.2**
June	*1.8	*9.9	76.8	—	*0.2	**9.8	**4 869.4**
September	^ 0.5	^ 17.0	22.5	**—	—	**5.9	**4 214.5**
TOTAL BY THE PRIVATE SECTOR							
2002–03	748.0	82.3	119.2	4 930.6	73.1	10.4	**11 447.1**
2003–04	305.5	102.3	147.8	3 449.4	79.9	17.9	**12 533.9**
2004–05	775.1	82.1	149.9	8 153.9	692.0	86.6	**20 908.8**
2004							
June	305.5	^ 102.3	147.8	3 449.4	79.9	*17.9	**12 533.9**
September	155.5	102.0	123.9	4 226.6	136.4	^ 12.8	**14 438.7**
December	^ 358.1	^ 141.8	172.6	7 297.5	176.0	^ 45.8	**17 088.2**
2005							
March	325.2	^ 135.0	117.9	8 625.8	722.2	^ 83.7	**21 622.8**
June	^ 775.1	^ 82.1	149.9	8 153.9	692.0	^ 86.6	**20 908.8**
September	^ 676.1	87.0	158.7	9 516.7	656.4	^ 55.9	**20 523.4**

^ 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

** 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)

15 ACTIVITY BY THE PUBLIC SECTOR, By type: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges* $m	*Railways* $m	*Harbours* $m	*Water storage and supply* $m	*Sewerage and drainage* $m	*Electricity generation, transmission and distribution* $m	*Pipelines* $m
VALUE OF WORK COMMENCED DURING PERIOD								
2002–03	2 054.4	100.5	459.3	45.1	420.3	343.4	1 302.6	30.0
2003–04	1 962.0	106.2	476.2	41.3	458.5	431.7	1 756.0	21.6
2004–05	2 331.8	97.2	761.4	20.3	358.4	538.4	1 994.7	5.6
2004								
June	468.0	^ 18.7	63.6	2.4	33.1	*51.2	332.4	0.4
September	754.1	30.3	92.5	5.8	^ 216.8	^ 263.0	534.1	1.5
December	^ 567.7	23.4	158.4	*5.6	^ 56.0	^ 117.8	483.2	1.3
2005								
March	455.5	16.5	231.4	5.5	^ 36.9	^ 87.7	437.3	1.5
June	554.6	26.9	279.2	^ 3.3	^ 48.7	^ 69.9	540.1	1.2
September	760.6	29.6	170.6	2.4	^ 163.5	179.7	758.7	1.0
VALUE OF WORK DONE DURING PERIOD								
2002–03	1 892.6	92.1	532.1	43.1	288.0	271.9	1 544.9	23.0
2003–04	1 945.1	92.1	585.9	46.5	271.1	284.3	1 822.0	20.6
2004–05	1 982.4	92.1	791.9	20.6	310.7	324.1	2 002.4	5.3
2004								
June	657.1	27.4	174.0	7.1	58.1	^ 87.3	489.9	0.4
September	394.4	19.0	189.5	5.6	^ 72.2	^ 67.6	492.6	1.2
December	449.3	21.3	173.4	^ 5.3	^ 79.9	73.9	497.4	1.3
2005								
March	478.5	24.2	171.1	5.9	^ 73.7	^ 74.7	442.6	1.6
June	660.2	27.6	257.9	3.9	^ 84.8	107.9	569.8	1.2
September	498.6	20.9	194.2	1.8	^ 73.1	72.9	573.5	1.1
VALUE OF WORK YET TO BE DONE								
2002–03	284.4	28.3	175.2	11.9	208.1	118.7	210.0	0.9
2003–04	221.2	35.7	156.7	0.8	42.8	247.3	99.5	0.1
2004–05	303.9	18.1	183.3	1.3	150.1	125.7	100.1	0.4
2004								
June	221.2	**35.7	156.7	0.8	^ 42.8	**247.3	99.5	0.1
September	550.1	24.8	130.3	1.0	*176.1	^ 212.4	133.4	0.4
December	^ 525.5	23.5	111.1	*1.5	*154.1	^ 210.7	118.6	0.4
2005								
March	404.5	^ 20.1	170.9	^ 1.1	^ 163.0	^ 223.6	112.6	0.4
June	303.9	^ 18.1	183.3	1.3	^ 150.1	125.7	100.1	0.4
September	^ 667.7	27.5	152.9	2.9	^ 182.3	208.6	382.8	0.4

^ 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

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

Period	Recreation $m	Telecom-munications $m	Oil, gas, coal and other minerals $m	Other heavy industry $m	Other $m	**Total** $m
VALUE OF WORK COMMENCED DURING PERIOD						
2002–03	201.7	2 526.9	24.2	—	5.7	**7 514.1**
2003–04	153.4	2 199.0	4.1	2.4	5.9	**7 618.1**
2004–05	268.7	2 411.6	23.0	0.4	6.0	**8 817.5**
2004						
June	^28.4	736.1	—	—	*0.6	**1 735.0**
September	*130.4	587.7	2.6	—	2.5	**2 621.3**
December	^64.8	550.6	4.2	0.2	1.2	**2 034.4**
2005						
March	36.1	544.0	4.0	^0.2	0.9	**1 857.5**
June	37.4	729.2	12.2	—	^1.4	**2 304.2**
September	109.6	583.4	18.0	*5.3	1.9	**2 784.1**
VALUE OF WORK DONE DURING PERIOD						
2002–03	157.4	2 528.3	24.2	—	5.4	**7 402.9**
2003–04	161.7	2 184.1	6.8	2.4	6.3	**7 428.8**
2004–05	204.6	2 413.3	23.0	2.1	5.4	**8 178.0**
2004						
June	47.4	736.4	2.7	—	1.5	**2 289.2**
September	^44.9	588.4	2.6	—	1.8	**1 880.0**
December	^52.9	551.0	4.2	0.3	1.2	**1 911.5**
2005						
March	45.3	544.3	4.0	^0.4	1.0	**1 867.0**
June	61.6	729.6	12.2	1.4	^1.4	**2 519.5**
September	44.7	583.5	18.0	**3.4	2.6	**2 088.2**
VALUE OF WORK YET TO BE DONE						
2002–03	49.2	0.5	—	—	0.1	**1 087.2**
2003–04	50.5	0.9	—	—	1.2	**856.7**
2004–05	71.5	1.3	—	1.5	0.2	**957.3**
2004						
June	50.5	0.9	—	—	1.2	**^856.7**
September	*107.9	**1.1	—	—	1.0	**1 338.6**
December	*113.2	*1.2	—	0.9	1.1	**1 261.8**
2005						
March	*95.3	0.7	—	0.8	0.3	**1 193.4**
June	*71.5	*1.3	—	1.5	0.2	**957.3**
September	108.0	0.7	—	2.7	14.8	**1 751.2**

^ 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

** 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)

16 ACTIVITY FOR THE PUBLIC SECTOR, By type: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges* $m	*Railways* $m	*Harbours* $m	*Water storage and supply* $m	*Sewerage and drainage* $m	*Electricity generation, transmission and distribution* $m	*Pipelines* $m
VALUE OF WORK COMMENCED DURING PERIOD								
2002–03	3 694.2	213.0	1 671.6	185.7	613.6	821.8	1 446.0	33.4
2003–04	4 069.6	364.2	1 283.6	101.6	1 055.6	959.0	2 012.7	23.7
2004–05	5 700.6	306.6	1 428.1	125.7	905.6	999.1	3 429.1	14.8
2004								
June	1 109.4	86.9	211.3	18.8	*245.4	*220.9	414.2	**2.5
September	1 194.6	51.5	181.5	^19.6	^406.2	^483.4	1 722.4	1.9
December	1 116.8	40.6	531.9	^13.0	^103.6	^161.5	570.8	*8.0
2005								
March	2 083.2	87.3	245.7	^64.3	^136.2	^152.7	538.2	1.6
June	1 305.9	*127.1	469.0	28.8	259.6	201.5	597.7	^3.4
September	1 175.3	*75.0	*276.9	40.0	332.6	244.4	827.7	^1.8
VALUE OF WORK DONE DURING PERIOD								
2002–03	3 867.0	237.7	762.6	160.9	470.0	694.5	1 976.4	31.5
2003–04	3 694.4	215.1	1 237.3	168.3	618.5	844.2	2 094.8	29.4
2004–05	4 383.1	296.2	1 748.8	165.9	874.0	832.0	2 492.9	15.2
2004								
June	1 199.1	61.3	384.0	30.3	174.0	^258.5	559.5	*3.3
September	895.0	72.7	355.0	50.6	208.0	^231.2	592.0	1.7
December	1 032.3	66.3	388.2	30.3	224.0	215.1	586.2	^2.3
2005								
March	1 097.2	64.0	419.2	^56.4	194.6	177.3	565.3	*4.9
June	1 358.6	93.2	586.3	28.6	247.3	208.4	749.4	*6.3
September	1 110.0	84.0	461.6	43.3	207.0	166.5	754.5	^2.8
VALUE OF WORK YET TO BE DONE								
2002–03	770.5	70.9	1 192.8	122.7	294.0	383.7	335.3	1.1
2003–04	1 132.2	214.6	1 395.9	59.0	422.3	596.6	260.7	0.2
2004–05	2 134.5	212.9	1 282.2	58.4	393.5	378.7	1 193.1	2.2
2004								
June	1 132.2	214.6	1 395.9	59.0	^422.3	^596.6	260.7	*0.2
September	1 428.2	^215.5	1 335.7	60.7	^610.7	601.2	1 378.4	0.4
December	1 369.0	^170.2	1 527.8	43.3	^529.7	495.1	1 356.6	*6.1
2005								
March	2 286.3	184.5	1 377.5	^66.0	^383.5	440.3	1 341.8	4.1
June	2 134.5	^212.9	1 282.2	58.4	393.5	378.7	1 193.1	*2.2
September	2 241.5	146.3	1 084.3	71.9	460.3	408.0	1 380.9	^0.8

^ 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

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

16 ACTIVITY FOR THE PUBLIC SECTOR, By type: **Original** *continued*

Period	*Recreation* $m	*Telecom-munications* $m	*Oil, gas, coal and other minerals* $m	*Other heavy industry* $m	*Other* $m	***Total*** $m
VALUE OF WORK COMMENCED DURING PERIOD						
2002–03	459.1	2 675.7	24.9	5.5	45.2	**11 889.7**
2003–04	359.6	2 269.1	8.4	26.1	35.2	**12 568.3**
2004–05	416.5	2 495.8	23.3	1.1	66.2	**15 912.5**
2004						
June	^62.8	794.4	—	—	**14.3	**3 181.1**
September	^174.0	599.7	2.7	—	6.2	**4 843.8**
December	^117.9	567.5	4.3	0.2	*12.5	**3 248.5**
2005						
March	^58.7	568.4	4.0	^0.2	*16.4	**3 956.9**
June	^66.0	760.2	12.3	*0.7	*31.0	**3 863.3**
September	143.1	595.6	18.0	*6.0	*13.1	**3 749.4**
VALUE OF WORK DONE DURING PERIOD						
2002–03	374.0	2 807.6	24.9	5.5	33.1	**11 445.8**
2003–04	375.5	2 228.5	10.7	25.2	27.9	**11 569.9**
2004–05	364.9	2 573.1	23.3	2.6	53.5	**13 825.4**
2004						
June	^85.8	747.4	3.4	0.7	^8.0	**3 515.4**
September	^93.5	617.4	2.7	—	8.2	**3 128.2**
December	^92.0	582.6	4.3	0.3	*11.9	**3 235.7**
2005						
March	^80.4	596.7	4.0	^0.4	*12.6	**3 273.0**
June	98.9	776.4	12.3	^1.9	*20.8	**4 188.5**
September	72.4	607.1	18.0	*4.4	*8.6	**3 540.2**
VALUE OF WORK YET TO BE DONE						
2002–03	103.4	104.3	—	—	3.2	**3 381.9**
2003–04	81.4	129.6	2.4	—	3.5	**4 298.5**
2004–05	81.4	78.1	—	1.7	10.0	**5 826.7**
2004						
June	81.4	129.6	2.4	—	3.5	**4 298.5**
September	*125.0	112.8	—	—	5.5	**5 874.2**
December	^142.4	115.0	—	0.9	^7.3	**5 763.2**
2005						
March	*112.6	93.4	—	0.8	*8.8	**6 299.6**
June	*81.4	78.1	—	1.7	**10.0	**5 826.7**
September	125.0	23.2	**—	2.7	^20.8	**5 965.6**

^ 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

** 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)

17 ACTIVITY, By type—New South Wales: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges, railways and harbours* $m	*Electricity generation, transmission etc. and pipelines* $m	*Water storage and supply, sewerage and drainage* $m	*Telecom-munications* $m	*Heavy industry* $m	*Recreation and other* $m	***Total*** $m
VALUE OF WORK COMMENCED DURING PERIOD								
2002–03	4 043.2	1 392.9	1 020.2	656.5	1 015.0	401.7	434.6	**8 964.0**
2003–04	3 572.1	634.4	1 120.3	953.0	1 064.0	579.5	539.7	**8 463.0**
2004–05	3 673.0	1 045.8	1 166.6	808.8	1 224.9	764.5	599.5	**9 283.2**
2004								
June	1 679.0	99.8	221.7	*340.8	300.5	^270.9	^82.6	**2 995.4**
September	^638.3	174.3	343.9	368.3	287.4	54.8	^151.2	**2 018.3**
December	^684.7	198.5	272.3	^114.7	292.0	454.7	^128.9	**2 145.8**
2005								
March	1 539.2	231.6	247.4	^105.6	276.4	^88.3	^136.0	**2 624.6**
June	^810.7	441.5	303.0	220.2	369.1	166.7	^183.4	**2 494.5**
September	^740.1	^326.7	584.4	282.8	350.4	^101.3	^180.3	**2 566.0**
VALUE OF WORK DONE DURING PERIOD								
2002–03	2 287.1	659.9	1 049.0	589.1	1 110.3	424.1	364.3	**6 483.7**
2003–04	2 989.8	914.8	1 212.4	744.2	1 073.3	463.1	490.7	**7 888.2**
2004–05	3 766.0	1 187.7	1 147.4	754.4	1 263.5	682.0	539.6	**9 340.6**
2004								
June	930.4	250.6	309.0	^179.0	307.6	88.0	^88.6	**2 153.3**
September	797.0	258.3	305.2	^176.7	292.4	115.3	^121.4	**2 066.3**
December	943.8	249.5	269.2	184.0	295.9	173.9	^106.2	**2 222.5**
2005								
March	873.7	280.8	258.7	177.4	292.2	170.4	^145.6	**2 198.8**
June	1 151.5	399.0	314.3	^216.3	383.0	222.5	^166.5	**2 853.1**
September	1 135.5	335.7	382.3	192.2	368.6	113.9	^142.9	**2 671.0**
VALUE OF WORK YET TO BE DONE								
2002–03	2 188.9	828.7	144.9	298.3	21.3	254.4	74.9	**3 811.3**
2003–04	2 807.2	595.5	96.3	564.1	24.1	409.6	56.0	**4 552.7**
2004–05	2 491.5	477.2	110.5	377.4	28.4	270.5	51.5	**3 807.1**
2004								
June	2 807.2	595.5	96.3	^564.1	24.1	409.6	56.0	**4 552.7**
September	2 636.1	576.6	138.5	^704.4	20.8	313.2	^64.8	**4 454.4**
December	2 331.3	531.8	139.6	^594.5	29.7	480.5	^66.7	**4 174.1**
2005								
March	2 910.1	447.0	^126.0	^470.1	23.3	324.7	^70.0	**4 371.2**
June	2 491.5	477.2	^110.5	377.4	28.4	270.5	^51.5	**3 807.1**
September	2 015.3	^419.7	354.8	406.2	77.3	^280.6	^74.0	**3 628.0**

^ 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

18 ACTIVITY, By type—Victoria: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges, railways and harbours* $m	*Electricity generation, transmission etc. and pipelines* $m	*Water storage and supply, sewerage and drainage* $m	*Telecom-munications* $m	*Heavy industry* $m	*Recreation and other* $m	***Total*** $m
VALUE OF WORK COMMENCED DURING PERIOD								
2002–03	1 080.0	633.5	1 123.4	274.2	684.2	675.1	416.3	**4 886.8**
2003–04	1 259.2	419.3	1 171.9	326.5	769.0	312.5	324.6	**4 583.0**
2004–05	4 299.5	134.8	1 345.0	299.6	815.0	1 358.8	492.0	**8 744.7**
2004								
June	^ 277.9	32.0	194.2	^ 83.5	281.1	84.7	^ 84.9	**1 038.2**
September	^ 378.1	*40.8	178.5	^ 110.2	188.3	*62.8	^ 117.7	**1 076.4**
December	370.4	33.6	^ 420.5	^ 60.6	^ 210.3	862.4	^ 134.7	**2 092.5**
2005								
March	3 032.8	^ 34.6	504.5	^ 66.4	182.2	387.0	^ 112.4	**4 319.9**
June	^ 518.2	^ 25.7	241.5	^ 62.4	234.2	*46.7	^ 127.3	**1 256.0**
September	^ 303.7	28.5	198.0	*84.9	219.0	322.8	^ 141.3	**1 298.3**
VALUE OF WORK DONE DURING PERIOD								
2002–03	1 137.3	164.1	1 144.6	176.4	726.3	493.5	402.1	**4 244.3**
2003–04	1 285.1	483.7	1 090.1	370.6	731.5	698.0	324.3	**4 983.3**
2004–05	1 871.8	626.0	1 195.2	354.4	857.1	589.7	417.4	**5 911.5**
2004								
June	367.4	168.5	254.4	^ 109.8	226.1	158.4	^ 86.3	**1 370.7**
September	^ 340.3	116.5	239.1	^ 102.3	200.6	112.1	^ 98.1	**1 209.0**
December	375.6	174.3	307.0	^ 82.4	223.6	132.8	^ 120.0	**1 415.7**
2005								
March	566.3	144.2	346.7	^ 68.3	196.7	163.2	^ 86.7	**1 572.0**
June	589.6	191.0	302.4	^ 101.5	236.2	181.6	^ 112.6	**1 714.8**
September	471.9	120.3	342.6	^ 80.1	227.6	223.5	^ 122.8	**1 588.8**
VALUE OF WORK YET TO BE DONE								
2002–03	295.5	515.8	413.0	123.8	18.3	545.8	3.7	**1 916.0**
2003–04	291.7	512.1	549.3	78.2	57.7	157.3	12.2	**1 658.7**
2004–05	2 770.3	278.3	817.7	133.5	35.0	946.9	10.9	**4 992.5**
2004								
June	^ 291.7	512.1	549.3	78.2	57.7	157.3	^ 12.2	**1 658.7**
September	^ 378.9	551.9	401.5	81.5	44.8	^ 125.5	*11.0	**1 595.1**
December	^ 350.5	458.6	504.7	64.9	^ 76.3	861.7	*20.7	**2 337.4**
2005								
March	2 808.8	401.5	657.9	112.2	36.8	1 100.6	*27.3	**5 145.1**
June	2 770.3	278.3	817.7	133.5	35.0	946.9	^ 10.9	**4 992.5**
September	2 554.2	194.2	560.6	114.2	27.9	1 155.4	*16.3	**4 622.9**

^ 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

19 ACTIVITY, By type—Queensland: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges, railways and harbours* $m	*Electricity generation, transmission etc. and pipelines* $m	*Water storage and supply, sewerage and drainage* $m	*Telecom-munications* $m	*Heavy industry* $m	*Recreation and other* $m	***Total*** $m
VALUE OF WORK COMMENCED DURING PERIOD								
2002–03	1 485.9	344.5	530.1	532.7	553.8	1 578.7	536.4	**5 562.2**
2003–04	1 730.6	359.9	794.8	971.4	528.1	1 117.0	455.6	**5 957.5**
2004–05	2 332.9	544.1	2 099.9	761.3	636.3	2 419.1	639.3	**9 432.9**
2004								
June	^390.4	174.9	^175.4	*74.8	164.0	616.8	^124.9	**1 721.3**
September	^733.3	^103.9	1 261.3	^403.7	148.0	*209.7	^196.2	**3 056.1**
December	^534.1	^51.8	271.9	^112.8	147.4	^644.2	^159.9	**1 922.0**
2005								
March	^539.6	187.7	255.7	^132.5	145.6	^946.6	^111.6	**2 319.2**
June	525.9	^200.7	311.0	^112.3	195.4	618.6	^171.7	**2 135.5**
September	740.5	*85.9	371.2	^205.4	168.0	704.0	^217.6	**2 492.6**
VALUE OF WORK DONE								
2002–03	1 411.1	346.8	734.9	386.0	563.8	1 641.4	474.8	**5 558.8**
2003–04	1 722.0	319.2	845.8	549.7	527.0	1 105.0	471.3	**5 539.9**
2004–05	2 023.3	500.8	1 266.6	684.2	650.3	1 491.8	466.8	**7 083.9**
2004								
June	^502.3	74.7	268.2	144.7	163.4	308.2	^129.0	**1 590.4**
September	544.2	118.3	292.1	^176.0	146.6	^290.8	^116.5	**1 684.4**
December	503.2	128.6	301.8	195.4	148.9	362.2	^136.7	**1 776.9**
2005								
March	520.9	131.1	305.2	^160.5	154.6	^331.3	^94.7	**1 698.3**
June	455.0	122.9	367.5	152.4	200.2	507.5	^118.8	**1 924.3**
September	575.0	133.3	404.7	^132.1	173.4	501.4	^189.7	**2 109.6**
VALUE OF WORK YET TO BE DONE								
2002–03	367.6	299.9	249.5	250.0	19.0	691.4	35.8	**1 913.2**
2003–04	451.7	341.1	180.6	373.0	21.3	895.7	59.8	**2 323.3**
2004–05	611.7	389.0	997.1	177.5	16.8	1 852.9	121.5	**4 166.5**
2004								
June	451.7	341.1	^180.6	*373.0	21.3	^895.7	59.8	**2 323.3**
September	^632.2	296.4	1 143.6	^420.1	22.7	757.4	*107.7	**3 380.1**
December	^647.2	228.5	1 099.6	^354.5	22.2	^1 066.1	*133.2	**3 551.4**
2005								
March	^687.7	307.9	1 055.0	^228.9	20.7	^1 665.8	^148.3	**4 114.3**
June	^611.7	389.0	997.1	^177.5	16.8	1 852.9	*121.5	**4 166.5**
September	^739.2	282.7	968.2	218.4	1.9	1 920.4	104.1	**4 234.9**

^ 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

20 ACTIVITY, By type—South Australia: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges, railways and harbours* $m	*Electricity generation, transmission etc. and pipelines* $m	*Water storage and supply, sewerage and drainage* $m	*Telecom-munications* $m	*Heavy industry* $m	*Recreation and other* $m	***Total*** $m
VALUE OF WORK COMMENCED DURING PERIOD								
2002–03	454.6	20.8	332.5	101.4	224.8	343.0	114.0	**1 591.2**
2003–04	371.2	30.5	258.3	100.8	151.2	433.8	150.6	**1 496.5**
2004–05	531.7	58.8	721.2	138.6	224.3	253.6	157.2	**2 085.3**
2004								
June	^112.1	^8.1	48.9	^28.5	42.8	203.3	*39.8	**483.5**
September	^112.2	4.4	526.2	^69.1	52.9	110.3	*37.3	**912.4**
December	116.5	4.4	76.6	*23.1	50.7	41.2	*47.5	**360.0**
2005								
March	^160.3	^18.9	71.8	*26.7	59.0	78.8	*40.1	**455.7**
June	142.6	31.0	46.7	^19.6	61.7	23.3	^32.2	**357.2**
September	103.6	34.2	66.0	68.6	53.8	51.4	^32.2	**409.8**
VALUE OF WORK DONE DURING PERIOD								
2002–03	399.5	12.6	442.5	96.1	240.9	462.9	111.9	**1 766.4**
2003–04	369.1	38.5	350.6	145.7	152.0	581.4	127.4	**1 764.7**
2004–05	518.7	43.7	620.9	99.6	218.6	333.4	130.1	**1 965.1**
2004								
June	121.0	^9.6	72.9	^44.0	42.9	156.1	^40.6	**487.1**
September	^83.2	^9.1	124.7	^23.9	52.1	128.0	*31.8	**452.8**
December	118.7	8.7	189.3	22.4	51.4	91.4	*38.6	**520.7**
2005								
March	146.4	^7.3	131.7	^20.4	53.4	47.6	*32.2	**439.1**
June	170.4	18.6	175.2	32.8	61.5	66.4	^27.5	**552.4**
September	109.3	35.5	119.9	*29.6	51.5	^59.6	^24.4	**429.8**
VALUE OF WORK YET TO BE DONE								
2002–03	61.7	8.9	166.0	47.1	21.9	285.9	10.2	**601.8**
2003–04	69.9	11.3	103.3	38.7	0.1	81.4	13.9	**318.7**
2004–05	64.0	33.7	198.0	24.1	7.4	55.9	9.3	**392.3**
2004								
June	^69.9	11.3	103.3	^38.7	0.1	81.4	**13.9	**318.7**
September	^107.7	**16.3	502.9	^60.5	^2.3	60.3	*2.0	**752.1**
December	^97.9	*14.1	388.1	^46.5	^2.1	40.4	*6.2	**595.4**
2005								
March	^101.2	*27.2	328.0	*41.6	7.3	63.5	*6.1	**574.9**
June	*64.0	^33.7	198.0	^24.1	7.4	55.9	9.3	**392.3**
September	^51.2	^39.3	156.5	*60.8	9.7	^30.4	*11.8	**359.6**

^ 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

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

21 ACTIVITY, By type—Western Australia: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges, railways and harbours* $m	*Electricity generation, transmission etc. and pipelines* $m	*Water storage and supply, sewerage and drainage* $m	*Telecom-munications* $m	*Heavy industry* $m	*Recreation and other* $m	***Total*** $m
VALUE OF WORK COMMENCED DURING PERIOD								
2002–03	817.8	411.8	206.9	284.0	333.0	2 372.6	194.5	**4 620.7**
2003–04	985.6	1 619.7	256.4	234.4	333.6	1 252.3	189.3	**4 871.2**
2004–05	927.2	681.6	1 036.1	434.9	347.0	4 816.6	321.5	**8 565.0**
2004								
June	^ 205.0	^ 46.4	^ 39.9	*75.5	99.8	185.5	^ 40.4	**692.5**
September	^ 303.8	^ 67.6	298.1	*97.0	^ 69.5	1 749.3	^ 63.5	**2 648.8**
December	^ 200.6	518.7	^ 302.8	*66.8	83.3	736.6	^ 111.1	**2 020.0**
2005								
March	^ 201.2	^ 47.1	^ 341.8	^ 58.9	64.0	1 946.7	*84.1	**2 743.9**
June	221.6	48.2	**93.4	^ 212.1	130.1	384.0	*62.8	**1 152.3**
September	^ 377.8	67.9	**98.6	*108.2	92.6	2 238.1	^ 87.9	**3 071.1**
VALUE OF WORK DONE DURING PERIOD								
2002–03	855.7	331.0	668.0	250.3	365.2	2 060.5	204.6	**4 735.3**
2003–04	1 004.3	371.3	683.9	302.6	334.3	1 989.7	194.5	**4 880.6**
2004–05	976.3	1 142.5	597.9	346.4	323.1	2 135.4	316.3	**5 837.9**
2004								
June	284.4	172.6	^ 148.0	*96.7	95.8	475.3	*59.1	**1 331.9**
September	214.4	236.9	114.5	*92.4	70.9	563.9	*61.9	**1 354.9**
December	243.8	332.4	149.7	*93.2	81.3	498.6	*85.5	**1 484.4**
2005								
March	^ 244.9	286.0	192.7	^ 63.7	72.6	518.3	*86.1	**1 464.3**
June	273.1	287.2	^ 141.0	^ 97.1	98.4	554.6	^ 82.8	**1 534.3**
September	^ 282.9	305.5	149.1	*94.3	95.0	760.0	^ 81.5	**1 768.3**
VALUE OF WORK YET TO BE DONE								
2002–03	171.3	121.6	483.2	93.8	20.0	1 486.7	11.0	**2 387.6**
2003–04	235.5	1 413.0	163.1	59.3	26.4	878.0	27.7	**2 803.1**
2004–05	223.1	1 080.0	939.7	161.1	51.9	3 979.1	42.9	**6 477.8**
2004								
June	^ 235.5	1 413.0	163.1	*59.3	26.4	878.0	*27.7	**2 803.1**
September	289.3	1 276.4	302.0	*56.1	17.5	2 076.1	^ 31.8	**4 049.3**
December	245.4	1 490.3	^ 441.0	^ 47.3	24.3	2 484.8	^ 65.9	**4 799.0**
2005								
March	245.9	1 284.0	^ 563.9	*33.8	15.7	4 047.0	^ 54.1	**6 244.3**
June	223.1	1 080.0	^ 939.7	161.1	51.9	3 979.1	^ 42.9	**6 477.8**
September	336.1	924.9	^ 792.7	^ 170.8	42.4	5 416.2	^ 49.1	**7 732.2**

^ 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

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

22 ACTIVITY, By type—Tasmania: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges, railways and harbours* $m	*Electricity generation, transmission etc. and pipelines* $m	*Water storage and supply, sewerage and drainage* $m	*Telecom-munications* $m	*Heavy industry* $m	*Recreation and other* $m	***Total*** $m
VALUE OF WORK COMMENCED DURING PERIOD								
2002–03	97.4	15.3	83.9	39.2	48.2	4.4	17.4	**305.7**
2003–04	111.9	14.1	474.4	51.2	34.0	11.0	25.1	**721.7**
2004–05	156.7	11.9	153.5	40.5	42.0	43.7	34.9	**483.1**
2004								
June	^ 27.2	^ 1.6	27.1	^ 10.7	12.8	**3.8	*3.8	**86.9**
September	32.6	^ 1.8	26.2	*13.7	10.3	**2.6	^ 11.4	**98.5**
December	50.2	*2.6	50.8	^ 8.3	10.4	^ 29.2	^ 9.2	**160.7**
2005								
March	42.4	^ 3.7	^ 36.4	^ 8.0	8.7	**9.0	^ 6.1	^ **114.4**
June	^ 31.6	*3.7	40.1	*10.5	12.6	**2.9	^ 8.2	**109.5**
September	^ 29.7	*1.9	^ 16.2	*19.8	10.1	**9.4	^ 11.5	^ **98.6**
VALUE OF WORK DONE DURING PERIOD								
2002–03	95.9	20.8	133.1	41.4	51.7	2.8	18.3	**364.0**
2003–04	108.7	14.2	244.7	48.8	33.8	10.3	24.9	**485.5**
2004–05	139.0	12.4	313.1	37.3	42.0	24.6	27.8	**596.2**
2004								
June	^ 30.1	3.7	97.4	^ 11.2	12.4	*4.1	*7.1	**166.0**
September	19.6	2.7	87.1	^ 8.0	10.3	*2.9	*9.1	**139.7**
December	27.8	*2.9	68.5	^ 6.6	10.4	*5.2	^ 5.0	**126.4**
2005								
March	^ 45.3	^ 2.4	92.7	^ 7.1	8.7	*5.6	^ 5.7	**167.5**
June	^ 46.3	^ 4.5	64.9	*15.6	12.6	**10.9	^ 7.9	**162.7**
September	^ 31.2	2.3	56.0	*16.6	10.1	*9.5	^ 5.3	**131.0**
VALUE OF WORK YET TO BE DONE								
2002–03	6.6	1.1	13.1	6.0	0.3	1.2	0.9	**29.1**
2003–04	7.3	2.1	316.6	5.0	0.5	0.4	0.9	**332.8**
2004–05	24.2	2.8	87.5	7.0	—	60.9	1.6	**184.1**
2004								
June	^ 7.3	2.1	316.6	^ 5.0	0.5	0.4	^ 0.9	**332.8**
September	20.7	1.8	258.6	*10.6	—	**1.6	^ 2.9	**296.3**
December	40.2	^ 1.4	144.8	*11.5	—	^ 25.7	^ 6.7	**230.2**
2005								
March	*39.2	^ 4.0	83.4	^ 10.8	—	^ 22.0	*2.1	**161.5**
June	^ 24.2	2.8	87.5	*7.0	—	60.9	*1.6	**184.1**
September	22.8	^ 1.9	148.4	*17.6	—	60.8	^ 8.5	**259.9**

^ 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

** 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)

23 ACTIVITY, By type—Northern Territory: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges, railways and harbours* $m	*Electricity generation, transmission etc. and pipelines* $m	*Water storage and supply, sewerage and drainage* $m	*Telecom-munications* $m	*Heavy industry* $m	*Recreation and other* $m	***Total*** $m
VALUE OF WORK COMMENCED DURING PERIOD								
2002–03	55.7	50.1	16.5	14.0	44.7	1 690.1	9.0	**1 880.2**
2003–04	96.6	27.3	699.1	23.7	78.3	89.4	11.8	**1 026.2**
2004–05	111.0	118.0	28.5	31.2	53.3	2 147.4	12.8	**2 502.1**
2004								
June	44.7	4.3	4.1	*7.7	18.6	8.1	2.7	**90.2**
September	18.1	2.5	11.5	*6.3	14.6	130.9	^2.1	**185.9**
December	25.2	4.5	^9.3	*10.9	12.4	1 986.5	^2.0	**2 050.9**
2005								
March	13.0	*5.8	3.4	3.7	10.6	**15.7	^4.2	**^56.3**
June	^54.7	105.2	4.3	**10.3	15.8	*14.2	*4.5	**209.0**
September	25.5	1.8	3.4	**8.2	16.5	73.9	**5.2	**134.5**
VALUE OF WORK DONE DURING PERIOD								
2002–03	66.1	360.1	18.2	46.7	51.9	779.6	8.9	**1 331.6**
2003–04	72.7	77.6	524.1	23.7	81.6	830.8	9.3	**1 619.8**
2004–05	101.3	25.6	137.4	30.3	64.9	1 359.6	12.0	**1 731.1**
2004								
June	21.8	6.7	138.9	*7.2	18.6	217.6	^2.6	**413.5**
September	21.9	10.1	61.4	*7.9	16.2	224.0	^2.9	**344.4**
December	^33.7	4.9	59.4	**6.5	14.4	296.3	^1.7	**416.9**
2005								
March	11.2	5.0	^9.6	^2.0	16.5	381.1	*2.8	**428.3**
June	^34.4	^5.6	*7.0	**13.9	17.8	458.2	*4.6	**541.4**
September	^28.5	8.8	4.5	**7.8	16.5	448.1	*5.4	**519.6**
VALUE OF WORK YET TO BE DONE								
2002–03	5.8	69.3	11.2	3.7	18.2	1 737.8	3.3	**1 849.3**
2003–04	33.8	12.4	185.4	2.7	18.5	1 106.8	0.7	**1 360.5**
2004–05	24.4	105.4	5.1	1.7	11.1	1 681.2	1.6	**1 830.6**
2004								
June	33.8	12.4	185.4	2.7	18.5	1 106.8	0.7	**1 360.5**
September	28.9	5.4	127.3	1.5	16.9	1 028.9	2.3	**1 211.2**
December	27.4	5.0	77.0	^7.5	19.1	2 515.2	0.6	**2 651.8**
2005								
March	8.4	*5.6	^17.1	^5.3	13.1	2 125.1	**5.1	**2 179.7**
June	^24.4	105.4	^5.1	*1.7	11.1	1 681.2	*1.6	**1 830.6**
September	16.7	94.8	3.7	**1.7	—	1 311.9	0.8	**1 429.6**

^ 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

** 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)

24 ACTIVITY, By type—Australian Capital Territory: **Original**

Period	*Roads, highways and subdivisions* $m	*Bridges, railways and harbours* $m	*Electricity generation, transmission etc. and pipelines* $m	*Water storage and supply, sewerage and drainage* $m	*Telecom-munications* $m	*Heavy industry* $m	*Recreation and other* $m	***Total*** $m
VALUE OF WORK COMMENCED DURING PERIOD								
2002–03	63.9	2.3	32.2	22.0	48.2	0.3	54.7	**223.5**
2003–04	96.9	0.3	28.9	59.1	62.0	0.8	19.3	**267.4**
2004–05	56.3	3.5	40.7	37.8	77.9	0.2	18.4	**234.8**
2004								
June	33.9	0.3	9.4	11.5	14.4	0.1	^4.6	**74.2**
September	13.8	^0.2	12.0	12.5	17.5	—	^5.3	**61.3**
December	8.9	0.1	9.6	9.6	18.8	0.1	^5.1	**52.2**
2005								
March	22.1	3.1	8.7	5.9	18.6	0.1	*3.6	**62.1**
June	11.6	0.1	10.4	9.7	23.1	—	*4.4	**59.3**
September	7.9	3.1	8.3	4.2	23.7	0.1	*4.0	**51.2**
VALUE OF WORK DONE DURING PERIOD								
2002–03	71.6	2.3	41.9	21.8	51.2	0.2	55.8	**244.7**
2003–04	85.0	0.4	29.0	48.9	62.4	0.5	18.7	**244.9**
2004–05	63.5	1.5	38.8	47.7	78.3	0.2	17.3	**247.3**
2004								
June	19.9	0.2	9.4	21.2	14.4	0.1	^4.2	**69.4**
September	^21.4	^0.2	12.1	18.6	17.5	—	*4.4	**74.1**
December	13.5	—	8.9	12.6	18.8	0.1	*4.2	**58.1**
2005								
March	11.2	0.2	7.9	6.3	19.1	0.1	*4.1	**48.8**
June	17.4	1.1	10.0	10.1	23.0	—	*4.6	**66.3**
September	11.1	2.6	8.1	4.7	24.1	0.1	*3.8	**54.5**
VALUE OF WORK YET TO BE DONE								
2002–03	20.2	0.1	1.7	0.6	0.8	0.4	2.2	**26.1**
2003–04	30.7	0.1	—	9.5	—	—	0.5	**40.8**
2004–05	9.4	1.9	1.4	0.9	0.6	—	1.1	**15.3**
2004								
June	30.7	0.1	—	9.5	—	—	0.5	**40.8**
September	*33.5	^0.1	—	3.8	—	—	1.2	^**38.7**
December	7.2	—	0.7	^0.8	—	0.1	1.9	**10.7**
2005								
March	16.6	2.9	1.3	1.1	1.7	0.1	1.3	**25.1**
June	9.4	1.9	1.4	0.9	0.6	—	1.1	**15.3**
September	2.1	2.5	0.9	^0.5	0.2	—	1.2	**7.5**

^ 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

— nil or rounded to zero (including null cells)

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

Period	NSW $m	Vic. $m	Qld $m	SA $m	WA $m	Tas. $m	NT $m	ACT $m	**Aust.** $m
BY THE PRIVATE SECTOR FOR THE PRIVATE SECTOR									
2002–03	1 839.9	2 813.3	2 725.6	1 075.3	3 427.5	108.1	1 185.4	107.9	**13 283.0**
2003–04	3 026.6	3 369.3	2 755.7	1 195.9	3 782.3	164.5	1 429.3	113.5	**15 837.1**
2004–05	4 063.5	3 957.9	3 410.0	1 138.8	4 393.0	271.8	1 542.2	111.0	**18 888.2**
2004									
June	706.4	817.2	804.7	287.1	978.2	81.0	363.3	29.0	**4 067.0**
September	806.6	801.9	826.0	308.1	1 052.0	76.5	292.9	^ 33.4	**4 197.5**
December	1 051.2	957.6	860.7	342.9	1 125.5	48.0	374.8	25.2	**4 785.9**
2005									
March	988.7	1 075.6	836.8	245.8	1 097.3	78.0	397.2	24.7	**4 744.1**
June	1 217.0	1 122.8	886.5	242.0	1 118.2	^ 69.3	477.3	27.7	**5 160.7**
September	1 245.8	1 223.4	1 102.9	228.2	1 379.2	^ 52.2	470.2	30.7	**5 732.5**
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR									
2002–03	1 351.0	793.4	674.1	248.5	686.8	96.4	101.6	91.0	**4 042.8**
2003–04	1 572.7	940.7	612.0	231.6	473.5	90.7	124.9	95.0	**4 141.1**
2004–05	1 768.0	1 202.1	1 151.1	383.8	779.7	132.7	136.8	93.2	**5 647.4**
2004									
June	428.8	313.0	176.5	76.9	^ 149.4	22.8	30.8	28.0	**1 226.2**
September	414.3	^ 247.9	254.8	^ 71.9	^ 171.3	20.4	37.5	30.1	**1 248.2**
December	408.4	^ 279.9	286.4	72.9	^ 192.8	30.6	29.8	23.5	**1 324.2**
2005									
March	418.1	^ 316.9	^ 305.2	80.1	205.3	^ 44.4	^ 21.4	14.5	**1 406.0**
June	527.2	357.4	304.8	158.9	210.2	^ 37.3	^ 48.1	25.2	**1 669.0**
September	565.9	212.9	306.2	75.2	219.3	^ 24.2	^ 35.0	13.4	**1 452.0**
TOTAL BY THE PRIVATE SECTOR									
2002–03	3 190.9	3 606.7	3 399.7	1 323.8	4 114.2	204.6	1 286.9	199.0	**17 325.9**
2003–04	4 599.3	4 310.0	3 367.7	1 427.5	4 255.8	255.2	1 554.1	208.5	**19 978.1**
2004–05	5 831.5	5 160.0	4 561.2	1 522.6	5 172.6	404.5	1 679.0	204.2	**24 535.6**
2004									
June	1 135.2	1 130.2	981.2	364.0	1 127.6	103.8	394.1	57.0	**5 293.1**
September	1 220.9	1 049.8	1 080.8	380.0	1 223.2	97.0	330.4	63.5	**5 445.7**
December	1 459.6	1 237.5	1 147.1	415.8	1 318.3	78.5	404.6	48.6	**6 110.1**
2005									
March	1 406.8	1 392.6	1 142.0	325.9	1 302.6	122.4	418.6	39.2	**6 150.1**
June	1 744.2	1 480.1	1 191.3	400.9	1 328.4	^ 106.5	525.4	52.9	**6 829.7**
September	1 811.7	1 436.2	1 409.1	303.3	1 598.4	76.3	505.2	44.1	**7 184.5**

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

26 VALUE OF WORK DONE BY THE PUBLIC SECTOR(a), States and territories: **Original**

Period	NSW $m	Vic. $m	Qld $m	SA $m	WA $m	Tas. $m	NT $m	ACT $m	**Aust.** $m
TOTAL BY COMMONWEALTH GOVERNMENT									
2002–03	867.1	508.8	511.5	201.5	286.4	44.3	42.3	45.7	**2 507.6**
2003–04	692.9	539.9	436.5	105.9	263.9	33.1	62.0	36.4	**2 170.7**
2004–05	818.9	551.3	500.6	169.1	240.9	41.0	44.9	43.1	**2 409.9**
2004									
June	235.6	191.6	147.2	35.6	83.5	12.2	17.8	12.4	**736.0**
September	201.9	136.5	121.5	41.7	51.8	10.3	12.7	10.6	**587.0**
December	180.3	129.6	113.9	38.6	58.2	9.5	10.5	9.5	**550.0**
2005									
March	182.9	125.7	114.2	39.7	54.9	8.7	8.2	9.6	**544.0**
June	253.8	159.5	151.0	49.0	76.1	12.5	13.5	13.4	**728.9**
September	197.7	117.0	128.2	32.7	73.7	10.1	13.1	10.4	**583.0**
TOTAL BY STATE AND TERRITORY GOVERNMENT									
2002–03	1 874.7	38.7	997.2	112.1	116.8	65.0	0.6	—	**3 205.1**
2003–04	2 086.5	21.7	995.1	128.5	125.4	135.6	—	—	**3 492.8**
2004–05	2 042.3	70.2	1 295.9	175.8	154.4	86.3	—	—	**3 824.8**
2004									
June	634.7	7.4	272.5	50.1	37.9	33.7	—	—	**1 036.2**
September	503.9	5.5	296.2	15.6	40.2	21.3	—	—	**882.6**
December	437.5	12.3	341.5	44.5	36.2	21.2	—	—	**893.2**
2005									
March	449.4	18.5	272.4	46.8	31.9	20.3	—	—	**839.3**
June	651.6	33.9	385.7	68.9	46.1	23.5	—	—	**1 209.6**
September	521.8	17.8	392.0	^ 74.3	34.1	25.8	—	—	**1 065.7**
BY LOCAL GOVERNMENT AUTHORITIES									
2002–03	551.0	90.0	650.4	129.0	217.9	50.2	1.7	—	**1 690.3**
2003–04	509.4	111.6	740.7	102.8	235.5	61.6	3.6	—	**1 765.3**
2004–05	648.0	130.0	726.2	97.6	270.0	64.4	7.2	—	**1 943.3**
2004									
June	147.8	*41.5	^ 189.5	^ 37.3	^ 83.0	^ 16.3	^ 1.6	—	**517.0**
September	^ 139.7	17.2	185.9	^ 15.6	^ 39.7	^ 11.1	^ 1.2	—	**410.4**
December	145.2	^ 36.2	^ 174.4	^ 21.8	^ 71.7	17.1	^ 1.9	—	**468.2**
2005									
March	^ 159.6	^ 35.3	169.6	^ 26.6	^ 74.9	16.1	1.6	—	**483.7**
June	203.6	^ 41.3	196.3	^ 33.6	^ 83.7	^ 20.1	^ 2.5	—	**581.0**
September	139.7	^ 17.7	^ 180.3	^ 19.4	^ 62.2	^ 18.8	1.3	—	**439.4**
TOTAL BY THE PUBLIC SECTOR									
2002–03	3 292.8	637.6	2 159.1	442.6	621.1	159.4	44.7	45.7	**7 402.9**
2003–04	3 288.9	673.3	2 172.2	337.3	624.8	230.3	65.6	36.4	**7 428.8**
2004–05	3 509.1	751.5	2 522.7	442.5	665.3	191.7	52.1	43.1	**8 178.0**
2004									
June	1 018.1	240.5	609.2	123.1	204.3	62.2	19.4	12.4	**2 289.2**
September	845.4	159.2	603.6	72.9	131.7	42.7	14.0	10.6	**1 880.0**
December	762.9	178.2	629.8	104.9	166.1	47.8	12.4	9.5	**1 911.5**
2005									
March	792.0	179.4	556.3	113.2	161.7	45.1	9.8	9.6	**1 867.0**
June	1 108.9	234.7	733.0	151.5	205.9	56.1	16.0	13.4	**2 519.5**
September	859.3	152.6	700.5	126.4	169.9	54.7	14.4	10.4	**2 088.2**

^ 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

— 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.

27 VALUE OF WORK DONE FOR THE PUBLIC SECTOR, States and territories: **Original**

Period	NSW $m	Vic. $m	Qld $m	SA $m	WA $m	Tas. $m	NT $m	ACT $m	**Aust.** $m
BY THE PRIVATE SECTOR FOR THE PUBLIC SECTOR									
2002–03	1 351.0	793.4	674.1	248.5	686.8	96.4	101.6	91.0	**4 042.8**
2003–04	1 572.7	940.7	612.0	231.6	473.5	90.7	124.9	95.0	**4 141.1**
2004–05	1 768.0	1 202.1	1 151.1	383.8	779.7	132.7	136.8	93.2	**5 647.4**
2004									
June	428.8	313.0	176.5	76.9	^ 149.4	22.8	30.8	28.0	**1 226.2**
September	414.3	^ 247.9	254.8	^ 71.9	^ 171.3	20.4	37.5	30.1	**1 248.2**
December	408.4	^ 279.9	286.4	72.9	^ 192.8	30.6	29.8	23.5	**1 324.2**
2005									
March	418.1	^ 316.9	^ 305.2	80.1	205.3	^ 44.4	^ 21.4	14.5	**1 406.0**
June	527.2	357.4	304.8	158.9	210.2	^ 37.3	^ 48.1	25.2	**1 669.0**
September	565.9	212.9	306.2	75.2	219.3	^ 24.2	^ 35.0	13.4	**1 452.0**
TOTAL BY THE PUBLIC SECTOR									
2002–03	3 292.8	637.6	2 159.1	442.6	621.1	159.4	44.7	45.7	**7 402.9**
2003–04	3 288.9	673.3	2 172.2	337.3	624.8	230.3	65.6	36.4	**7 428.8**
2004–05	3 509.1	751.5	2 522.7	442.5	665.3	191.7	52.1	43.1	**8 178.0**
2004									
June	1 018.1	240.5	609.2	123.1	204.3	62.2	19.4	12.4	**2 289.2**
September	845.4	159.2	603.6	72.9	131.7	42.7	14.0	10.6	**1 880.0**
December	762.9	178.2	629.8	104.9	166.1	47.8	12.4	9.5	**1 911.5**
2005									
March	792.0	179.4	556.3	113.2	161.7	45.1	9.8	9.6	**1 867.0**
June	1 108.9	234.7	733.0	151.5	205.9	56.1	16.0	13.4	**2 519.5**
September	859.3	152.6	700.5	126.4	169.9	54.7	14.4	10.4	**2 088.2**
TOTAL FOR THE PUBLIC SECTOR									
2002–03	4 643.8	1 430.9	2 833.2	691.1	1 307.9	255.9	146.2	136.7	**11 445.8**
2003–04	4 861.6	1 614.0	2 784.2	568.8	1 098.3	321.1	190.5	131.4	**11 569.9**
2004–05	5 277.1	1 953.6	3 673.8	826.3	1 445.0	324.4	188.9	136.3	**13 825.4**
2004									
June	1 446.9	553.5	785.7	199.9	353.7	85.0	50.2	40.4	**3 515.4**
September	1 259.6	407.1	858.4	144.7	302.9	63.1	51.5	40.7	**3 128.2**
December	1 171.3	458.1	916.2	177.8	358.9	78.4	42.1	32.9	**3 235.7**
2005									
March	1 210.1	496.3	861.4	193.3	367.0	89.5	31.1	24.2	**3 273.0**
June	1 636.1	592.1	1 037.8	310.5	416.1	93.4	^ 64.1	38.6	**4 188.5**
September	1 425.2	365.4	1 006.7	201.6	389.2	78.8	^ 49.4	23.8	**3 540.2**

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

28 RELATIVE STANDARD ERRORS, Australia—By sector

	BY THE PRIVATE SECTOR					
	For the private sector	*For the public sector*	*Total*	*By the public sector*	*Total for the public sector*(a)	***Total***
	%	%	%	%	%	%
VALUE OF WORK COMMENCED						
Roads, highways and subdivisions	12.5	3.0	9.2	3.6	2.5	**6.3**
Bridges	4.1	47.4	44.6	4.4	28.7	**27.7**
Railways	13.2	67.3	40.8	—	25.9	**20.8**
Harbours	5.3	1.9	4.0	1.2	1.8	**3.9**
Water storage and supply	28.9	12.9	14.2	11.1	8.5	**9.9**
Sewerage and drainage	38.9	32.3	26.1	4.5	9.2	**12.1**
Electricity generation, transmission and distribution	8.8	30.8	8.8	—	2.6	**3.3**
Pipelines	29.2	48.2	29.0	—	20.5	**28.8**
Recreation	12.6	12.1	11.7	5.2	4.9	**9.2**
Telecommunications	2.2	6.0	2.1	—	0.1	**0.8**
Oil, gas, coal and other minerals	3.8	—	3.8	—	—	**3.7**
Other heavy industry	9.0	39.8	9.0	37.8	33.3	**8.7**
Other	19.3	39.5	18.7	—	33.8	**18.5**
Total	4.6	10.4	4.3	1.3	2.8	**3.1**
VALUE OF WORK DONE						
Roads, highways and subdivisions	5.3	5.0	4.1	4.5	3.4	**3.4**
Bridges	7.7	11.9	11.3	5.6	9.1	**8.7**
Railways	1.1	4.6	3.1	—	2.7	**2.1**
Harbours	3.1	2.9	2.7	1.7	2.8	**2.7**
Water storage and supply	22.9	11.6	12.1	11.4	8.5	**9.7**
Sewerage and drainage	29.5	6.9	14.0	6.0	4.7	**10.0**
Electricity generation, transmission and distribution	2.5	14.2	4.1	0.5	3.4	**2.3**
Pipelines	5.4	19.5	5.4	—	12.1	**5.4**
Recreation	12.1	18.7	11.3	6.1	8.1	**10.1**
Telecommunications	1.7	3.0	1.6	—	0.1	**0.6**
Oil, gas, coal and other minerals	2.4	—	2.4	—	—	**2.4**
Other heavy industry	6.6	40.4	6.5	58.3	46.0	**6.5**
Other	13.8	49.4	14.0	—	34.2	**13.7**
Total	2.3	3.8	2.0	1.3	1.7	**1.6**
VALUE OF WORK YET TO BE DONE						
Roads, highways and subdivisions	2.6	1.2	1.9	12.8	3.9	**2.2**
Bridges	1.0	2.9	2.7	2.0	2.4	**2.3**
Railways	—	6.4	5.0	—	5.5	**4.4**
Harbours	2.0	0.7	1.8	0.1	0.7	**1.7**
Water storage and supply	11.7	6.0	5.4	12.7	6.2	**5.5**
Sewerage and drainage	7.7	9.3	8.2	3.6	4.9	**4.6**
Electricity generation, transmission and distribution	0.2	1.0	0.5	0.8	0.7	**0.4**
Pipelines	17.0	22.3	17.0	—	12.5	**17.0**
Recreation	10.9	10.3	9.2	7.0	6.2	**5.6**
Telecommunications	1.7	0.6	1.5	—	0.5	**1.5**
Oil, gas, coal and other minerals	1.3	102.2	1.3	—	102.2	**1.3**
Other heavy industry	0.5	—	0.5	—	—	**0.5**
Other	17.2	51.3	16.3	—	14.6	**12.9**
Total	1.2	1.8	1.0	5.2	2.0	**1.0**

— 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.

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

	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***
	%	%	%	%	%	%	%	%
VALUE OF WORK COMMENCED								
NSW	16.1	22.1	3.8	7.5	0.3	19.5	17.5	**6.1**
Vic.	11.1	8.7	1.1	32.5	2.5	7.7	22.2	**4.6**
Qld	8.4	25.6	0.3	11.1	—	4.0	15.1	**3.6**
SA	5.0	2.2	2.8	9.3	1.3	9.7	19.3	**3.1**
WA	13.0	2.3	52.3	47.9	5.3	5.4	18.1	**8.1**
Tas.	12.2	25.0	10.7	45.6	—	102.5	15.6	**14.8**
NT	7.5	—	—	90.8	—	—	51.6	**6.0**
ACT	3.2	—	1.6	3.4	—	—	38.5	**3.0**
Total	6.3	13.7	4.2	8.7	0.8	3.7	8.6	**3.1**
VALUE OF WORK DONE								
NSW	4.5	3.6	7.1	8.7	0.5	6.1	18.1	**2.7**
Vic.	9.3	2.3	1.0	16.1	1.3	6.4	22.4	**3.5**
Qld	8.7	7.8	0.2	10.5	—	8.2	13.4	**3.5**
SA	4.7	3.1	2.9	26.8	1.3	12.3	17.4	**3.7**
WA	11.0	0.9	8.8	39.4	5.2	1.8	18.8	**4.9**
Tas.	13.4	9.4	3.1	27.8	—	38.6	17.2	**6.1**
NT	15.4	—	—	80.2	—	1.0	49.4	**1.8**
ACT	1.2	—	1.6	3.6	—	—	39.8	**2.8**
Total	3.4	1.8	2.1	8.3	0.6	2.3	8.5	**1.6**
VALUE OF WORK YET TO BE DONE								
NSW	3.2	14.2	2.7	4.3	—	13.6	11.0	**2.9**
Vic.	1.6	0.9	0.3	4.6	8.7	1.1	35.2	**1.0**
Qld	13.2	1.8	—	8.4	—	3.7	5.2	**3.0**
SA	22.0	15.3	2.0	27.7	0.7	12.1	25.6	**6.7**
WA	8.6	0.2	14.5	11.6	—	1.2	14.0	**1.8**
Tas.	8.3	20.6	—	27.9	—	9.8	22.2	**3.1**
NT	4.6	—	—	67.7	—	0.3	0.1	**0.3**
ACT	6.2	—	—	10.9	—	—	—	**1.9**
Total	2.2	3.1	3.9	3.7	1.5	1.2	5.4	**1.0**

— 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 Australian Bureau of Statistics (ABS) Building Activity Survey provide a complete quarterly picture of building and construction activity in Australia.

SCOPE AND COVERAGE

3 The ECS aims to measure the value of all engineering construction work undertaken in Australia. This value excludes the cost of land and repair and maintenance activity, as well as 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. However, a contract for the installation of machinery and equipment which is an integral part of a construction project is included.

4 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 From the September quarter 2002, 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.

STATISTICAL UNIT

6 In the Engineering Construction Survey, the statistical unit used to represent businesses, and for which statistics are reported, is the Australian Business Number (ABN) unit, in most cases. The ABN unit is the business unit which has registered for an ABN, and thus appears on the Australian Taxation Office (ATO) administered Australian Business Register. This unit is suitable for 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.

7 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

8 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

RELATIONSHIP WITH NATIONAL ACCOUNTS *continued*

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

9 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.

CLASSIFICATION

10 *Ownership*. Projects are classified as *private sector* or *public sector* according to the expected ownership of the project at the time of completion.

11 *Sector*. 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. All remaining organisations are classified as *private sector*. This publication contains separate estimates for the private sector and:

Commonwealth Government
State and Territory Government
Local Government.

12 *Type of construction*. A 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.

RELIABILITY OF THE ESTIMATES

13 Since the estimates for private sector and public sector organisations are based on 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 (RSE) 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 RSEs of the estimates are shown in tables 24 and 25.

14 An example of the use of RSEs is as follows. If the total value of work done during the quarter is $2,500m and the associated RSE is 0.5% then there are about 2 chances in 3 that the value which would have been obtained 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.

15 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.

16 The imprecision due to sampling variability, which is measured by the RSE, 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

RELIABILITY OF THE ESTIMATES *continued*

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.

17 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

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.

19 From the June quarter 2003, the seasonally adjusted estimates are produced by the concurrent seasonal adjustment method which takes account of the latest available original estimates. The concurrent seasonal adjustment methodology replaces the forward factor methodology previously used, when seasonal factors were only revised following 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.

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

TREND ESTIMATES

21 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.

22 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.

23 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, 2003* (cat. no. 1349.0) or contact the Assistant Director, Time Series Analysis on Canberra (02) 6252 6540.

CHAIN VOLUME MEASURES

24 Chain volume estimates of the value of work done are presented in original, seasonally adjusted and trend terms in tables 1, 2, 3 and 4.

CHAIN VOLUME MEASURES *continued*

25 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 Goods and Service Tax 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'.

26 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 2003–04). The reference year is updated annually in the June quarter publication. Each year's data in the value of work done series are based on the prices of the previous year, except for the quarters of the latest incomplete year which are based upon the current reference year (i.e. 2003–04). 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).

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

ACKNOWLEDGMENT

28 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 PRODUCTS

29 Users may also wish to refer to the following publications:
Building Activity, Australia cat. no. 8752.0
Building Approvals, Australia cat. no. 8731.0
Construction Work Done, Australia, Preliminary cat. no. 8755.0
Dwelling Unit Commencements, Australia, Preliminary cat. no. 8750.0.

30 Current publications and other products released by the ABS are listed in the *Catalogue of Publications and Products* (cat. no. 1101.0). The Catalogue is available from the National Information and Referral Service on 1300 135 070 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

31 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.

ABBREVIATIONS

$m	million dollars
ABN	Australian Business Number
ABS	Australian Bureau of Statistics
ACT	Australian Capital Territory
ANZSIC	Australian and New Zealand Standard Industrial Classification
ATO	Australian Taxation Office
Aust.	Australia
ECS	Engineering Construction Survey
NSW	New South Wales

NT	Northern Territory
qtr	quarter
Qld	Queensland
RSE	relative standard error
SA	South Australia
Tas.	Tasmania
TAU	type of activity unit
Vic.	Victoria
WA	Western Australia

APPENDIX LIST OF ELECTRONIC TABLES

ELECTRONIC TABLES

The following tables are available electronically via the ABS web site <http://www.abs.gov.au> and AusStats.

ENGINEERING CONSTRUCTION ACTIVITY

	Publication table no.	*Electronic table no.*
Value of work done, chain volume measures	1	1
Value of work done, chain volume measures, change from previous period	2	n.a.
Value of work done, states and territories, chain volume measures	3	2
Value of work done, states and territories, chain volume measures, change from previous period	4	n.a.
Value of work done	5	3
Value of work done, change from previous period	6	n.a.
Value of work done, states and territories	7	4
Value of work done, states and territories, change from previous period	8	n.a.
Activity, states and territories	9	5
Activity, states and territories, change from previous period	10	n.a.
Activity, by type, Australia, original	11	6
Work commenced by the private sector, by type, original	12	7
Work done by the private sector, by type, original	13	8
Work yet to be done by the private sector, by type, original	14	9
Activity by the public sector, by type, original	15	10
Activity for the public sector, by type, original	16	11
Value of work commenced, by type and sector, New South Wales, original	17	12
Value of work done, by type and sector, New South Wales, original	17	13
Value of work yet to be done, by type and sector, New South Wales, original	17	14
Value of work commenced, by type and sector, Victoria, original	18	15
Value of work done, by type and sector, Victoria, original	18	16
Value of work yet to be done, by type and sector, Victoria, original	18	17
Value of work commenced, by type and sector, Queensland, original	19	18
Value of work done, by type and sector, Queensland, original	19	19
Value of work yet to be done, by type and sector, Queensland, original	19	20
Value of work commenced, by type and sector, South Australia, original	20	21
Value of work done, by type and sector, South Australia, original	20	22
Value of work yet to be done, by type and sector, South Australia, original	20	23
Value of work commenced, by type and sector, Western Australia, original	21	24
Value of work done, by type and sector, Western Australia, original	21	25
Value of work yet to be done, by type and sector, Western Australia, original	21	26
Value of work commenced, by type and sector, Tasmania, original	22	27
Value of work done, by type and sector, Tasmania, original	22	28
Value of work yet to be done, by type and sector, Tasmania, original	22	29
Value of work commenced, by type and sector, Northern Territory, original	23	30
Value of work done, by type and sector, Northern Territory, original	23	31
Value of work yet to be done, by type and sector, Northern Territory, original	23	32
Value of work commenced, by type and sector, Australian Capital Territory, original	24	33
Value of work done, by type and sector, Australian Capital Territory, original	24	34
Value of work yet to be done, by type and sector, Australian Capital Territory, original	24	35
Value of work done by the private sector, states and territories, original	25	36
Value of work done by the public sector, states and territories, original	26	37
Value of work done for the public sector, states and territories, original	27	38

GLOSSARY

Bridges	Includes those for the support of roads, railways, causeways and elevated highways.
Electricity generation, transmission and distribution	Includes power stations; substations; hydro-electric 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.
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.
Sewerage and drainage	Includes sanitary and storm sewers; sewage treatment plants; stormwater drains; drainage systems.
Telecommunications	Includes mobile phone, radio, television, microwave and radar transmission towers; telephone lines and underground cables; coaxial cables.
Value of work commenced	A project is regarded as having commenced when the site works begin, with the following exceptions: ■ 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.
Value of work done	The 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. The value of work done for the public sector is the work done by the organisation's own workforce and subcontractors.
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.

FOR MORE INFORMATION . . .

INTERNET	**www.abs.gov.au** the ABS web site is the best place for data from our publications and information about the ABS.
LIBRARY	A range of ABS publications are 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.

INFORMATION AND REFERRAL SERVICE

Our consultants can help you access the full range of information published by the ABS that is available free of charge from our web site, or purchase a hard copy publication. Information tailored to your needs can also be requested as a 'user pays' service. Specialists are on hand to help you with analytical or methodological advice.

PHONE	1300 135 070
EMAIL	client.services@abs.gov.au
FAX	1300 135 211
POST	Client Services, ABS, GPO Box 796, Sydney NSW 2001

FREE ACCESS TO STATISTICS

All ABS statistics can be downloaded free of charge from the ABS web site.

WEB ADDRESS	www.abs.gov.au

2876200009055
ISSN 1037 3993

RRP $28.00