

CONSTRUCTION WORK DONE

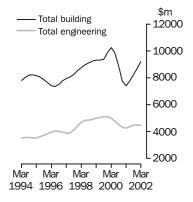
AUSTRALIA

PRELIMINARY

EMBARGO: 11:30AM (CANBERRA TIME) THURS 30 MAY 2002

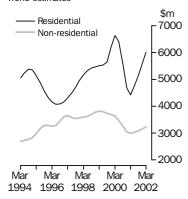
Value of construction work done Volume terms

Trend estimates



Value of building work done

Volume terms Trend estimates



 For further information about these and related statistics, contact
 Tony Bammann on Adelaide 08 8237 7316, or the National Information and Referral Service on 1300 135 070.

MARCH QTR KEY FIGURES

TREND ESTIMATES(a)	Mar qtr 02 \$m	Dec qtr 01 to Mar qtr 02 % change	Mar qtr 01 to Mar qtr 02 % change
Value of work done			
Building	9 226.3	5.4	24.4
Residential	6 014.2	7.5	35.7
Non-residential	3 234.4	2.4	8.3
Engineering	4 461.7	-0.9	4.4
Total construction	13 685.8	3.3	17.1

SEASONALLY ADJUSTED(a)	Mar qtr 02 \$m	Dec qtr 01 to Mar qtr 02 % change	Mar qtr 01 to Mar qtr 02 % change
Value of work done			
Building	9 271.8	5.7	20.5
Residential	5 994.4	6.1	30.0
Non-residential	3 277.4	5.1	6.4
Engineering	4 416.6	-2.5	6.2
Total construction	13 688.4	2.9	15.5

(a) Chain volume measures, reference year 1999-00.

MARCH QTR KEY POINTS

VALUE OF CONSTRUCTION WORK DONE, VOLUME TERMS

TREND ESTIMATES

- The trend estimate of building work done rose 5.4% in the March quarter 2002. For the fourth successive quarter, the overall trend growth was driven by growth in the residential sector, amounting to 7.5% in the latest quarter, while the trend for non-residential building rose 2.4%. Work done for the private sector rose 6.7%.
- Engineering work done fell 0.9%, following three quarterly increases. Although work done for the private sector rose 5.7%, work done for the public sector fell 4.5%.
- Total construction work done rose 3.3%, the fourth successive quarterly increase. For the last two quarters, growth has been confined to the private sector.

SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate of building work done rose 5.7% in the March quarter 2002 to \$9,271.8m. Work done on new residential buildings rose 8.0% to \$5,141.2m, a level exceeded only by the March and June quarters of 2000. Following five quarterly increases, work on alterations and additions fell 3.9% to \$853.2m. Non-residential building work rose 5.1% to \$3,277.4m.
- Engineering work done fell 2.5% to \$4,416.6m. Work for the private sector jumped 16.8% to \$1,994.3m, a level exceeded only during the 1998 and 1999 calendar years.
- Total construction work rose 2.9% to \$13,688.4m, the fifth successive quarterly increase.

NOTES

FORTHCOMING ISSUES

 ISSUE (Quarter)
 RELEASE DATE

 June 2002
 27 August 2002

 September 2002
 27 November 2002

ABOUT THIS ISSUE

This publication provides an early indication of trends in building and engineering construction activity. The data are estimates based on a response rate of approximately 85% of the value of building work done and 80% of the value of engineering work done during the quarter. More comprehensive and updated results will be released in *Building Activity, Australia* (Cat. no. 8752.0) on 17 July 2002 and in *Engineering Construction Activity, Australia* (Cat. no. 8762.0) on 16 July 2002.

DATA NOTES

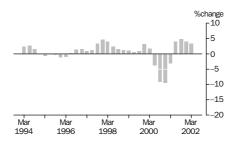
Sampling in the Building Activity survey has been extended to include private sector other residential building jobs (both new and alterations and additions), commencing with the March quarter 2002. See also Explanatory Notes 3, 21 and 22.

R.W. Edwards Acting Australian Statistician

TREND PERCENTAGE CHANGE

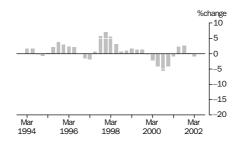
NOTE: Trend estimates are subject to revisions. See Explanatory Notes, paragraph 28.

TOTAL CONSTRUCTION



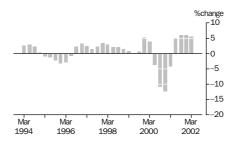
The total value of construction work done rose for the fourth successive quarter, but the rate of growth has slowed over the last two quarters.

Engineering



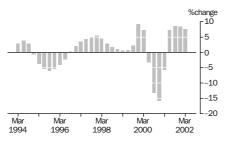
Engineering construction work done fell 0.9% in the March quarter.

Building



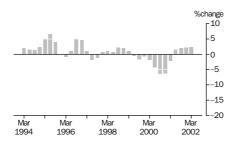
Building work done grew for the fourth successive quarter.

Residential



The trend estimate for the March quarter rose for the fourth successive quarter, but the rate of growth, at 7.5%, was lower than the previous quarter.

Non-residential



The trend estimate rose for the fourth successive quarter and the rate of growth is increasing.

(a) Reference year 1999-00.

	BUILDING WORK DO			ENGINEI WORK D				NSTRUCTION RK DONE		
Period	Private	Public	Total	Private	Public	Total	Private	Public	Total	
• • • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	ORIGINAL (\$m)	• • • • • • • •	• • • • • • • • • •	• • • • • •	• • • • • •	
				OMAINIL (Ψ111)					
1998-99	32 511.6	4 464.4	36 982.9			19 804.2		15 484.3	56 802.4	
1999-00	35 958.4		40 241.9		12 122.3		43 744.4		60 150.2	
2000–01	26 958.1	3 982.7	30 940.8	6 468.7	11 075.3	17 544.0	33 426.8	15 058.0	48 484.8	
2000										
Dec qtr	6 772.4	982.9	7 755.3	1 678.4	2 585.5	4 263.9	8 450.8	3 568.4	12 019.2	
2001										
Mar qtr	6 134.0	943.6	7 077.6	1 475.9	2 474.3	3 950.2	7 609.9	3 417.9	11 027.8	
Jun qtr	6 737.7	1 036.1	7 773.8	1 638.1	3 268.3	4 906.4	8 375.8	4 304.4	12 680.3	
Sep qtr	7 459.8	1 062.2	8 522.0	1 815.4	2 444.2	4 259.6	9 275.2	3 506.4	12 781.6	
Dec qtr	8 025.5	1 059.0	9 084.5	1 786.6	2 788.1	4 574.7	9 812.0	3 847.2	13 659.2	
2002										
Mar qtr	7 620.9	913.7	8 534.6	1 833.8	2 345.5	4 179.3	9 454.7	3 259.2	12 713.9	
• • • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • •	
			SEASC	NALLY ADJU	JSTED (\$m	۱)				
2000 Dec atr	6 504 5	954.1	7 475 0	1 F00 8	0.604.0	4 00 4 7	0.404.2	2 570 0	11 600 7	
Dec qu	6 524.5	954.1	7 475.0	1 599.8	2 624.9	4 224.7	8 124.3	3 579.0	11 699.7	
2001										
Mar qtr	6 669.4	1 037.5	7 691.9	1 600.6	2 557.9	4 158.5	8 270.0	3 595.4	11 850.4	
Jun qtr	6 694.1	971.4	7 662.0	1 660.1	2 828.7	4 488.8	8 354.2	3 800.1	12 150.8	
Sep qtr	7 216.6	1 064.7	8 297.8	1 745.2	2 736.2	4 481.4	8 961.8	3 800.9	12 779.3	
Dec qtr	7 741.5	1 033.1	8 767.8	1 707.6	2 824.4	4 532.0	9 449.1	3 857.5	13 299.8	
2002										
Mar qtr	8 277.2	1 012.4	9 271.8	1 994.3	2 422.3	4 416.6	10 271.5	3 434.6	13 688.4	
• • • • • • • • • •										
			TRE	ND ESTIMAT	ES (\$m)					
2000										
Dec qtr	6 752.7	997.8	7 749.5	1 588.1	2 726.3	4 314.4	8 340.7	3 724.1	12 063.5	
2001										
Mar qtr	6 431.7	990.3	7 417.7	1 612.8	2 660.8	4 273.5	8 044.6	3 651.2	11 691.6	
Jun qtr	6 776.8	1 015.6	7 790.5	1 650.3	2 719.8	4 370.1	8 427.1	3 735.4	12 160.6	
Sep qtr	7 218.4	1 031.2	8 254.3	1 712.3	2 772.5	4 486.2	8 930.3	3 803.6	12 739.3	
Dec qtr	7 722.3	1 032.4	8 753.5	1 801.9	2 697.4	4 500.1	9 523.9	3 729.8	13 253.2	
2002										
Mar qtr	8 240.8	1 029.5	9 226.3	1 904.4	2 577.2	4 461.7	10 151.3	3 606.8	13 685.8	

⁽a) Reference year for chain volume measures is 1999–00. See paragraphs 29–32 of the Explanatory Notes.

⁽b) Engineering work done is classified by the sector of intended owner.

	BUILDI WORK	NG DONE		ENGINE WORK [ERING DONE(b)			RUCTION DONE	
Period	Private	Public	Total	Private	Public	Total	Private	Public	Total
• • • • • • • • • • • •	• • • • • • •	ORIGIN		ange from p	receding	g period)	• • • • • • •	• • • • •	• • • •
1998-99	7.6	2.2	6.9	14.1	7.3	10.1	9.0	5.8	8.1
1999-00	10.6	-4.1	8.8	-11.5	10.0	0.5	5.9	6.0	5.9
2000–01	-25.0	-7.0	-23.1	-16.9	-8.6	-11.9	-23.6	-8.2	-19.4
2000									
Dec qtr	-7.4	-3.7	-6.9	0.1	-5.9	-3.6	-6.0	-5.3	-5.8
200 qu		0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
2001									
Mar qtr	-9.4	-4.0	-8.7	-12.1	-4.3	-7.4	-9.9	-4.2	-8.2
Jun qtr	9.8	9.8	9.8	11.0	32.1	24.2	10.1	25.9	15.0
Sep qtr	10.7	2.5	9.6	10.8	-25.2	-13.2	10.7	-18.5	0.8
Dec qtr	7.6	-0.3	6.6	-1.6	14.1	7.4	5.8	9.7	6.9
2002									
Mar gtr	-5.0	-13.7	-6.1	2.6	-15.9	-8.6	-3.6	-15.3	-6.9
·									
	CEVC		ADILICTED	(% change	from nr	oooding r	oriod)	• • • • • •	• • • • •
2000	JLAS	JINALLI 7	ADJUSTED	/ (/o Change	nom pr	eceding p	Jenou)		
Dec qtr	-7.7	-6.4	-7.9	-0.5	-14.3	-9.6	-6.4	-12.4	-8.5
2001									
Mar qtr	2.2	8.7	2.9	0.1	-2.6	-1.6	1.8	0.5	1.3
Jun qtr	0.4	-6.4	-0.4	3.7	10.6	7.9	1.0	5.7	2.5
Sep qtr	7.8	9.6	8.3	5.1	-3.3	-0.2	7.3	0.0	5.2
Dec qtr	7.3	-3.0	5.7	-2.2	3.2	1.1	5.4	1.5	4.1
2002									
Mar gtr	6.9	-2.0	5.7	16.8	-14.2	-2.5	8.7	-11.0	2.9
ma. qc	0.0	2.0	0	20.0		2.0	3		2.0
• • • • • • • • • • •	TDI		INAATEC (O	/ abangs f::		م مانم م		• • • • •	• • • •
2000	IRI	END EST	IIVIATES (9	6 change fr	om prec	eding peri	ioa)		
Dec qtr	-13.4	-2.8	-12.2	-2.6	-5.2	-4.2	-11.5	-4.5	-9.5
200 qu	201.	2.0		2.0	0.2				0.0
2001									
Mar qtr	-4.8	-0.7	-4.3	1.6	-2.4	-0.9	-3.6	-2.0	-3.1
Jun qtr	5.4	2.5	5.0	2.3	2.2	2.3	4.8	2.3	4.0
Sep qtr	6.5	1.5	6.0	3.8	1.9	2.7	6.0	1.8	4.8
Dec qtr	7.0	0.1	6.0	5.2	-2.7	0.3	6.6	-1.9	4.0
2002									
Mar qtr	6.7	-0.3	5.4	5.7	-4.5	-0.9	6.6	-3.3	3.3
- 71									

⁽a) Reference year for chain volume measures is 1999–00. See paragraphs 29–32 of the Explanatory Notes.

⁽b) Engineering work done is classified by the sector of intended owner.

	BUILDING WORK DO			ENGINE WORK D				CONSTRUCTION WORK DONE(a)		
Period	Private	Public	Total	Private	Public	Total	Private	Public	Total	
• • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • • •	ORIGINAL (S	\$m)	• • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • •	
1998–99	30 979.2	4 309.5	35 288.7	8 425.3	10 758.0	19 183.3	39 404.5	15 067.6	54 472.1	
1999-00	35 958.4				12 121.6		43 744.4		60 149.4	
2000-01	29 547.2	4 106.6	33 653.8	6 682.3	11 461.4	18 143.7	36 229.5	15 568.0	51 797.5	
2000										
Dec qtr	7 411.9	1 014.8	8 426.7	1 724.4	2 665.4	4 389.7	9 136.2	3 680.2	12 816.4	
2001										
Mar qtr	6 733.6	973.8	7 707.4	1 536.9	2 575.0	4 112.0	8 270.6	3 548.8	11 819.4	
Jun qtr	7 395.3	1 066.0	8 461.4	1 708.3	3 408.7	5 117.0	9 103.7	4 474.7	13 578.4	
Sep qtr	8 206.6	1 094.0	9 300.6	1 897.7		4 459.8	10 104.3	3 656.0	13 760.4	
Dec qtr	8 896.5	1 095.3	9 991.8	1 875.1	2 926.0	4 801.1	10 771.7	4 021.3	14 793.0	
2002										
Mar qtr	8 514.8	951.3	9 466.1	1 922.5	2 472.7	4 395.2	10 437.3	3 424.0	13 861.3	
• • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • •	
			SEASO	NALLY ADJU	STED (\$m)				
2000 Dec qtr	7 142.3	986.4	8 125.1	1 643.7	2 696.6	4 340.3	8 786.0	3 682.9	12 465.4	
2001										
Mar gtr	7 312.6	1 073.5	8 370.5	1 672.8	2 656.5	4 329.3	8 985.4	3 730.0	12 699.8	
Jun qtr	7 341.0	1 002.7	8 339.8	1 729.7		4 686.9	9 070.7	3 959.9	13 026.7	
Sep qtr	7 941.6	1 092.2	9 052.5	1 816.7	2 874.7	4 691.4	9 758.3	3 966.9	13 743.9	
Dec qtr	8 586.6	1 064.2	9 645.3	1 788.2	2 957.1	4 745.3	10 374.7	4 021.3	14 390.6	
2002										
Mar qtr	9 241.1	1 049.8	10 274.7	2 092.7	2 553.4	4 646.2	11 333.9	3 603.2	14 920.8	
• • • • • • • • • •	• • • • • • • • •	• • • • • •				• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	
2000			IRE	ND ESTIMAT	ES (\$m)					
Dec qtr	7 381.3	1 031.6	8 392.8	1 637.7	2 988.3	4 626.0	9 019.0	4 019.9	13 018.8	
2001										
Mar qtr	7 174.6	1 024.8	8 194.5	1 676.1	2 939.1	4 615.2	8 850.7	3 963.8	12 809.7	
Jun qtr	7 428.8	1 046.8	8 477.3	1 720.9	2 929.7	4 650.7	9 149.7	3 976.5	13 127.9	
Sep qtr	7 954.8	1 060.9	9 021.2	1 787.4	2 912.8	4 700.3	9 742.2	3 973.8	13 721.4	
Dec qtr	8 561.5	1 063.9	9 625.6	1 884.6	2 820.9	4 705.5	10 446.1	3 884.8	14 331.1	
2002										
Mar qtr	9 219.3	1 066.6	10 246.3	1 997.5	2 693.5	4 691.0	11 216.8	3 760.1	14 937.3	

⁽a) From the September quarter 2000 data is inclusive of the non-deductible GST payable on $\,$ residential buildings.

⁽b) Engineering work done is classified by the sector of intended owner.

	BUILDII WORK I	NG DONE(a)		ENGINE WORK [ERING DONE(b).			RUCTION DONE(a).	
Period	Private	Public	Total	Private	Public	Total	Private	Public	Total
• • • • • • • • • •	• • • • • • •			ange from pi			• • • • • • •	• • • • •	• • • • •
1998-99	10.7	5.7	10.0	15.8	8.1	11.4	11.7	7.4	10.5
1999–00	16.1	-0.6	14.0	-7.6	12.7	3.8	11.0	8.9	10.4
2000–01	-17.8	-4.1	-16.4	-14.2	-5.4	-8.9	-17.2	-5.1	-13.9
2000									
Dec qtr	-7.4	-3.5	-7.0	0.7	-5.2	-3.0	-6.0	-4.8	-5.6
2001									
Mar qtr	-9.2	-4.0	-8.5	-10.9	-3.4	-6.3	-9.5	-3.6	-7.8
Jun qtr	9.8	9.5	9.8	11.2	32.4	24.4	10.1	26.1	14.9
Sep qtr	11.0	2.6	9.9	11.1	-24.8	-12.8	11.0	-18.3	1.3
Dec qtr	8.4	0.1	7.4	-1.2	14.2	7.7	6.6.	10.0	7.5
2002									
Mar qtr	-4.3	-13.1	-5.3	2.5	-15.5	-8.5	-3.1	-14.9	-6.3
• • • • • • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • •
	SEASO	NALLY A	DJUSTED	(% change	from pre	eceding pe	eriod)		
2000									
Dec qtr	-7.7	-6.1	-7.8	0.3	-14.4	-9.4	-6.3	-12.4	-8.4
2001									
Mar qtr	2.4	8.8	3.0	1.8	-1.5	-0.3	2.3	1.3	1.9
Jun qtr	0.4	-6.6	-0.4	3.4	11.3	8.3	0.9	6.2	2.6
Sep qtr	8.2	8.9	8.5	5.0	-2.8	0.1	7.6	0.2	5.5
Dec qtr	8.1	-2.6	6.5	-1.6	2.9	1.1	6.3	1.4	4.7
2002									
Mar qtr	7.6	-1.4	6.5	17.0	-13.7	-2.1	9.2	-10.4	3.7
• • • • • • • • • • •	• • • • • • • •	• • • • •		• • • • • • • •		• • • • • •			• • • • •
	TRE	ND ESTI	MATES (%	6 change fro	m prece	ding perio	od)		
2000	7.4	0.0	0.0	4.4	4.4	4.4	0.4	4.0	4 7
Dec qtr	-7.1	-2.0	-6.3	-1.4	-1.4	-1.4	-6.1	-1.6	-4.7
2001									
Mar qtr	-2.8	-0.7	-2.4	2.3	-1.6	-0.2	-1.9	-1.4	-1.6
Jun qtr	3.5	2.2	3.5	2.7	-0.3	0.8	3.4	0.3	2.5
Sep qtr	7.1	1.4	6.4	3.9	-0.6	1.1	6.5	-0.1	4.5
Dec qtr	7.6	0.3	6.7	5.4	-3.2	0.1	7.2	-2.2	4.4
2002									
Mar qtr	7.7	0.3	6.4	6.0	-4.5	-0.3	7.4	-3.2	4.2

⁽a) From the September quarter 2000 data is inclusive of the non-deductible GST payable on $\,$ residential buildings.

⁽b) Engineering work done is classified by the sector of intended owner.

	NEW RESIDEN	TIAL	ALTERAT AND ADD TO RESID BUILDING	DITIONS DENTIAL	TOTAL RESIDEN	TIAL	NON- RESIDEN	TIAL	TOTAL BUILDING	à
Period	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
• • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	ORIGI	NAL (\$m)		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • •
1998-99	17 929.1	18 458.4	3 339.3	3 438.3	21 268.0	21 896.3	11 220.0	15 058.0	32 511.6	36 982.9
1999-00	21 217.0	21 658.8	3 779.4	3 892.9	24 996.4	25 551.8	10 962.0	14 690.1	35 958.4	40 241.9
2000-01	15 385.8	15 764.2	2 860.6	2 983.2	18 246.4	18 747.4	8 711.7	12 193.4	26 958.1	30 940.8
2000										
Dec qtr	3 804.3	3 902.2	735.0	756.1	4 539.3	4 658.3	2 233.1	3 097.0	6 772.4	7 755.3
2001										
Mar qtr	3 487.3	3 570.2	681.9	713.3	4 169.2	4 283.4	1 964.8	2 794.2	6 134.0	7 077.6
Jun qtr	3 813.9	3 903.0	773.5	818.1	4 587.4	4 721.2	2 150.3	3 052.7	6 737.7	7 773.8
Sep qtr	4 371.1	4 474.5	823.0	861.1	5 194.1	5 335.6	2 265.6	3 186.5	7 459.8	8 522.0
Dec qtr	4 750.6	4 871.1	909.8	939.1	5 660.4	5 810.2	2 365.0	3 274.3	8 025.5	9 084.5
2002										
Mar qtr	4 669.7	4 766.6	773.4	804.7	5 443.1	5 571.3	2 177.8	2 963.3	7 620.9	8 534.6
• • • • • • • • • • • •	• • • • • • • •	• • • • • • • •		A CONALLY	ADJUCTED	(d)	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • •
2000			36	ASUNALLY	ADJUSTED	(⊅ III)				
Dec qtr	3 729.2	3 818.3	689.7	714.2	4 418.9	4 532.5	2 105.6	2 942.5	6 524.5	7 475.0
2001										
Mar qtr	3 754.1	3 855.7	730.6	756.2	4 484.7	4 612.0	2 184.7	3 079.9	6 669.4	7 691.9
Jun qtr	3 754.6	3 841.6	780.5	823.8	4 535.1	4 665.3	2 159.1	2 996.7	6 694.1	7 662.0
Sep qtr	4 231.7	4 326.9	808.7	851.7	5 040.4	5 178.6	2 176.1	3 119.2	7 216.6	8 297.8
Dec qtr	4 653.3	4 762.0	854.9	887.9	5 508.1	5 649.8	2 233.3	3 117.9	7 741.5	8 767.8
2002										
Mar qtr	5 020.5	5 141.2	828.7	853.2	5 849.2	5 994.4	2 428.0	3 277.4	8 277.2	9 271.8
• • • • • • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •			• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • •
2000				TREND ES	TIMATES (\$r	n)				
Dec qtr	3 876.6	3 970.3	700.2	727.4	4 576.8	4 697.7	2 176.0	3 051.9	6 752.7	7 749.5
2001										
Mar gtr	3 600.9	3 694.6	706.5	737.4	4 307.4	4 431.9	2 124.2	2 985.5	6 431.7	7 417.7
Jun gtr	3 848.4	3 940.7	700.5	815.6	4 625.8	4 431.9 4 756.4	2 124.2	3 034.1	6 776.8	7 790.5
Sep atr	4 210.6	4 308.2	813.7	853.0	5 023.5	5 160.7	2 195.3	3 091.9	7 218.4	8 254.3
Dec qtr	4 618.2	4 725.2	835.3	869.8	5 453.2	5 594.8	2 269.3	3 157.7	7 722.3	8 753.5
2002										
Mar qtr	5 021.9	5 141.3	842.8	871.3	5 868.5	6 014.2	2 366.9	3 234.4	8 240.8	9 226.3
• • • • • • • • • • • •										

⁽a) Reference year for chain volume measures is 1999–00. See paragraphs 29–32 of the Explanatory Notes.

	NEW RESIDE	NTIAL			TOTAL RESIDEI	NTIAL	NON- RESIDEI	NTIAL	TOTAL BUILDIN	۱G
Period	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
• • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • •
			ORIGINA	L (% change	from precedi	ng period)				
1998-99	8.3	8.8	6.0	6.1	7.9	8.4	7.0	4.9	7.6	6.9
1999-00	18.3	17.3	13.2	13.2	17.5	16.7	-2.3	-2.4	10.6	8.8
2000-01	-27.5	-27.2	-24.3	-23.4	-27.0	-26.6	-20.5	-17.0	-25.0	-23.1
2000										
Dec qtr	-11.1	-11.1	9.7	8.7	-8.3	-8.4	-5.5	-4.7	-7.4	-6.9
2001										
Mar qtr	-8.3	-8.5	-7.2	-5.7	-8.2	-8.0	-12.0	-9.8	-9.4	-8.7
Jun qtr	9.4	9.3	13.4	14.7	10.0	10.2	9.4	9.3	9.8	9.8
Sep qtr	14.6	14.6	6.4	5.2	13.2	13.0	5.4	4.4	10.7	9.6
Dec qtr	8.7	8.9	10.5	9.1	9.0	8.9	4.4	2.8	7.6	6.6
2002										
Mar qtr	-1.7	-2.1	-15.0	-14.3	-3.8	-4.1	-7.9	-9.5	-5.0	-6.1
• • • • • • • • • • •	• • • • • • • • • •				• • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • •
2000		SEA	ASONALLY AD	JUSTED (% c	change from p	preceding q	uarter)			
Dec qtr	-10.1	-10.1	4.5	3.7	-8.1	-8.2	-6.9	-7.3	-7.7	-7.9
2001										
Mar qtr	0.7	1.0	5.9	5.9	1.5	1.8	3.8	4.7	2.2	2.9
Jun gtr	—	-0.4	6.8	8.9	1.1	1.2	-1.2	-2.7	0.4	-0.4
Sep qtr	12.7	12.6	3.6	3.4	11.1	11.0	0.8	4.1	7.8	8.3
Dec qtr	10.0	10.1	5.7	4.2	9.3	9.1	2.6	_	7.3	5.7
2002										
Mar qtr	7.9	8.0	-3.1	-3.9	6.2	6.1	8.7	5.1	6.9	5.7
• • • • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	
2000		T	REND ESTIM	ATES (% cha	nge from pre	ceding qua	rter)			
Dec qtr	-16.9	-16.6	-11.0	-10.6	-16.0	-15.7	-7.3	-6.2	-13.4	-12.2
2001										
	7.4	6.0	0.0	1 1	F.O.	F 7	0.4	-2.2	4.0	4.2
Mar qtr Jun qtr	-7.1 6.9	–6.9 6.7	0.9 10.0	1.4 10.6	-5.9 7.4	–5.7 7.3	-2.4 1.3	-2.2 1.6	-4.8 5.4	-4.3 5.0
Sep atr	6.9 9.4	6.7 9.3	4.7	4.6	7.4 8.6	7.3 8.5	1.3 2.1	1.6	5.4 6.5	6.0
Dec qtr	9.4	9.3 9.7	2.7	2.0	8.6	8.4	3.4	2.1	7.0	6.0
2002										
2002 Mar qtr	8.7	8.8	0.9	0.2	7.6	7.5	4.3	2.4	6.7	5.4

⁽a) Reference year for chain volume measures is 1999–00. See paragraphs 29–32 of the Explanatory Notes.

	NEW RESIDEN	NTIAL(a)	ALTERAT AND ADI TO RESI BUILDIN	DITIONS DENTIAL	TOTAL RESIDEN	TIAL(a)	NON- RESIDEN	ITIAL	TOTAL BUILDING	G(a)
Period	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
• • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • •		RIGINAL (\$m)	• • • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • •
				Ü	Manne (pm)					
1998-99	16 999.0	17 504.9	3 155.5	3 249.4	20 154.6	20 754.3	10 824.7	14 534.4	30 979.2	35 288.7
1999-00	21 217.0	21 658.8	3 779.4	3 892.9	24 996.4	25 551.7	10 962.0	14 690.1	35 958.4	40 241.9
2000-01	17 389.7	17 811.5	3 255.3	3 395.0	20 645.0	21 206.6	8 902.2	12 447.2	29 547.2	33 653.8
2000										
Dec qtr	4 292.9	4 402.1	833.6	857.5	5 126.4	5 259.6	2 285.5	3 167.1	7 411.9	8 426.7
2001										
Mar qtr	3 945.5	4 037.7	776.9	812.8	4 722.4	4 850.5	2 011.2	2 856.9	6 733.6	7 707.4
Jun qtr	4 315.0	4 413.6	883.9	934.8	5 198.9	5 348.5	2 196.4		7 395.3	8 461.4
Sep qtr	4 949.0	5 064.2	943.8	987.6	5 892.7	6 051.8	2 313.9	3 248.8	8 206.6	9 300.6
Dec qtr	5 419.5	5 555.4	1 053.8	1 087.8	6 473.4	6 643.2	2 423.2	3 348.6	8 896.5	9 991.8
2002										
Mar qtr	5 370.3	5 480.8	903.0	939.3	6 273.3	6 420.2	2 241.5	3 045.9	8 514.8	9 466.1
• • • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • • • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • •
0000				SEASONA	ALLY ADJUSTED	(\$m)				
2000 Dec gtr	4 204.6	4 304.1	783.5	811.1	4 988.1	5 115.2	2 154.3	3 009.9	7 142.3	8 125.1
Doo qu	1 20 1.0	1 00 1.1	700.0	011.1	1 000.1	0 110.2	2 10 1.0	0 000.0	7 1 12.0	0 120.1
2001										
Mar qtr	4 242.8	4 356.2	833.7	862.9	5 076.5	5 219.1	2 236.1	3 151.4	7 312.6	8 370.5
Jun qtr	4 242.3		893.2	942.5	5 135.5	5 281.0	2 205.5	3 058.9	7 341.0	8 339.8
Sep qtr	4 794.5	4 901.2	928.8	977.8	5 723.4	5 879.0	2 218.3	3 173.5	7 941.6	9 052.5
Dec qtr	5 310.9	5 433.9	991.8	1 029.5	6 302.6	6 463.4	2 284.0	3 181.9	8 586.6	9 645.3
2002										
Mar qtr	5 777.8	5 916.2	969.1	996.9	6 746.9	6 913.1	2 494.3	3 361.5	9 241.1	10 274.7
• • • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • •
2000				TREND	ESTIMATES (\$	Sm)				
Dec qtr	4 335.9	4 442.0	820.3	830.8	5 156.2	5 272.8	2 225.1	3 120.0	7 381.3	8 392.8
2004										
2001	4 4 7 0 7	4.070.0	000.7	004.4	E 004 4	E 4 44 0	0.470.0	2.052.2	7 4 7 4 6	0.404.5
Mar qtr	4 172.7	4 276.8	828.7	864.4	5 001.4	5 141.2	2 173.3		7 174.6	8 194.5
Jun qtr	4 348.9	4 451.5	882.8 935.8	929.6	5 231.7 5 712 6	5 381.2	2 197.1		7 428.8	8 477.3 9 021.2
Sep qtr Dec gtr	4 778.1 5 272.3	4 887.5 5 393.6	935.8 968.1	981.0 1 007.5	5 713.6 6 240.3	5 868.1 6 401.0	2 241.5 2 321.3	3 151.5 3 223.7	7 954.8 8 561.5	9 021.2
Dec qu	5 212.3	J 393.0	900.1	1001.3	0 240.3	0 401.0	2 321.3	3 223.1	0 301.5	9 020.0
2002										
Mar qtr	5 791.5	5 928.8	987.9	1 018.1	6 781.6	6 948.5	2 433.5	3 322.5	9 219.3	10 246.3

⁽a) From the September quarter 2000 data is inclusive of the non-deductible GST payable on residential buildings.



	NEW RESIDEN	NTIAL(a)	ALTERAT AND ADI TO RESII BUILDIN	DITIONS DENTIAL	TOTAL RESIDEN	ITIAL(a)	NON- RESIDE	ENTIAL	TOTAL BUILDIN	NG(a)
Period	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
• • • • • • • • • • •	• • • • • • • • •	• • • • • • • •				• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • •
			ORIGINA	L (% change	from precedi	ng period)				
1998-99	10.8	11.3	7.9	7.9	10.3	10.8	11.3	9.0	10.7	10.0
1999–00	24.8	23.7	19.8	19.8	24.0	23.1	1.3	1.1	16.1	14.0
2000–01	-18.0	-17.8	-13.9	-12.8	-17.4	-17.0	-18.8	-15.3	-17.8	-16.4
2000										
Dec qtr	-11.2	-11.2	9.5	8.6	-8.4	-8.5	-5.1	-4.3	-7.4	-7.0
2001										
Mar qtr	-8.1	-8.3	-6.8	-5.2	-7.9	-7.8	-12.0	-9.8	-9.2	-8.5
Jun qtr	9.4	9.3	13.8	15.0	10.1	10.3	9.2	9.0	9.8	9.8
Sep qtr	14.7	14.7	6.8	5.6	13.3	13.1	5.3	4.4	11.0	9.9
Dec qtr	9.5	9.7	11.7	10.1	9.9	9.8	4.7	3.1	8.4	7.4
2002										
Mar qtr	-0.9	-1.3	-14.3	-13.7	-3.1	-3.4	-7.5	-9.0	-4.3	-5.3
• • • • • • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • •
2000		SE	ASONALLY AD	JUSTED (% c	hange from p	receding qua	arter)			
Dec qtr	-10.3	-10.3	4.4	3.5	-8.2	-8.4	-6.5	-6.9	-7.7	-7.8
200 qt	10.5	10.5	7.7	0.0	0.2	0.4	0.5	0.5		7.0
2001										
Mar qtr	0.9	1.2	6.4	6.4	1.8	2.0	3.8	4.7	2.4	3.0
Jun qtr	_	-0.4	7.1	9.2	1.2	1.2	-1.4	-2.9	0.4	-0.4
Sep qtr	13.0	13.0	4.0	3.7	11.4	11.3	0.6	3.7	8.2	8.5
Dec qtr	10.8	10.9	6.8	5.3	10.1	9.9	3.0	0.3	8.1	6.5
2002										
Mar qtr	8.8	8.9	-2.3	-3.2	7.0	7.0	9.2	5.6	7.6	6.5
• • • • • • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • •
2000		•	TREND ESTIM	ATES (% cha	nge from pred	ceding quarto	er)			
Dec qtr	-7.6	-7.5	-4.6	-2.0	-7.2	-6.7	-6.9	-5.8	-7.1	-6.3
2224										
2001	2.0	2.7	4.0	4.0	2.0	0.5	0.0	0.1	0.0	0.4
Mar qtr	-3.8	-3.7	1.0	4.0	-3.0	-2.5 4.7	-2.3	-2.1	-2.8	-2.4
Jun qtr Sep qtr	4.2 9.9	4.1 9.8	6.5 6.0	7.5 5.5	4.6 9.2	4.7 9.0	1.1 2.0	1.4 1.8	3.5 7.1	3.5 6.4
Sep qu Dec atr	9.9 10.3	9.8 10.4	6.0 3.5	5.5 2.7	9.2 9.2	9.0 9.1	2.0 3.6	2.3	7.1 7.6	6.4 6.7
Dec qu	10.5	10.4	3.0	۷.1	⋾.∠	∂. ⊥	3.0	۷.5	1.0	0.1
2002										
Mar qtr	9.8	9.9	2.0	1.1	8.7	8.6	4.8	3.1	7.7	6.4

⁽a) From the September quarter 2000 data is inclusive of the non-deductible GST payable on residential buildings.

INTRODUCTION

1 This publication contains preliminary estimates of building and engineering construction work done during the quarter. The estimates of building work done are from the quarterly Building Activity Survey and are based upon a response of approximately 85% of the value of work done during the quarter. The estimates of engineering work done are from the quarterly Engineering Construction Survey and are based upon a response of approximately 80% of the value of work done during the quarter. More comprehensive and updated results will be available shortly in *Building Activity, Australia* (Cat. no. 8752.0) and *Engineering Construction Activity, Australia* (Cat. no. 8762.0).

SCOPE AND COVERAGE

- **2** The scope of the Building Activity Survey is building activity which includes construction of new building, and alterations and additions to existing buildings. Value of building activity includes the costs of materials fixed in place, labour, and architects fees. It excludes the value of land and landscaping and non-building components such as fencing, paving, roadworks, tennis courts, outdoor pools and car parks.
- **3** The building statistics were compiled on the basis of returns collected from builders and other individuals and organisations engaged in building activity. From the March quarter 2002, the quarterly survey consists of a sample survey of private sector building jobs involving residential building jobs valued at \$10,000 or more and non-residential building jobs valued at \$50,000 or more and a complete enumeration of all such public sector buildings jobs.
- **4** The scope of the Engineering Construction Survey is the value of all engineering construction work undertaken in Australia. For the Engineering Construction Survey all management units recorded on the ABS central register of businesses and classified to the construction industry and all other units known to be undertaking engineering construction work (from trade journals, newspapers, etc.), are included in the survey framework.
- **5** The cost of land and the value of building construction is excluded from the scope of the Engineering Construction Survey. Where projects include elements of both building and engineering construction every effort is taken to exclude the building component from the engineering construction statistics. Repair and maintenance activity is also excluded as are the value of any transfers of existing assets, the value of installed machinery and equipment not integral to the structure and the expenses for relocation of utility services. A contract for the installation of machinery and equipment which is an integral part of a construction project is included.

RELATIONSHIP WITH NATIONAL ACCOUNTS

6 Data on the value of work done on the construction of new residential buildings, alterations and additions to residential buildings, private sector non-residential buildings and the value of total and new engineering construction activity are the major sources of data which are used to compile the national accounts estimates for private gross fixed capital formation on dwellings, and other buildings and structures. However, there are some adjustments to the survey data which are made in the process of compiling these national accounts 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 surveys and also the value of work done which is undertaken without obtaining a building permit, either because such a permit is not required or because the requisite permit is not obtained. The national accounts estimates also make allowances for purchases (less sales) of buildings and other structures from (to) the public sector.

TREATMENT OF THE GST

- **7** Statistics on value of work (current prices) show residential building work done on a GST inclusive basis and non-residential work and engineering construction work done on a GST exclusive basis. This approach is consistent with that adopted in the Australian National Accounts which is based on the conceptual framework described in the 1993 edition of the international statistical standard System of National Accounts (SNA93).
- **8** SNA93 requires value added taxes (VAT), such as the GST, to be recorded on a net basis where:
 - (a) both outputs of goods and services and imports are valued excluding invoiced VAT;
 - (b) purchases of goods and services are recorded including non-deductible VAT.

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

- **9** The ABS records value of work done inclusive of GST in respect of residential construction and exclusive of GST in respect of non-residential construction and engineering construction. Purchasers of residential structures are unable to deduct GST from the purchase price. For non-residential structures and engineering construction, the reverse is true in most circumstances.
- **10** Total construction work is derived by adding total building work and total engineering construction work. To derive total building activity it is appropriate to add the residential and non-residential components. Valuation of the components of the total is consistent, since, for both components, the value of work done is recorded inclusive of non-deductible GST paid by the purchaser. As such, total building activity and total construction includes the non-deductible GST payable on residential building.
- **11** As estimates for engineering work are provided on a GST exclusive basis, and the majority of construction materials used were exempt from Wholesale Sales Tax, the introduction of the GST had little direct effect on the estimates of engineering construction.

.....

DEFINITIONS

- **12** A *building* is defined as a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design, to satisfy its intended use, is the provision for regular access by persons.
- **13** A *dwelling unit* is defined as a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Units (whether self-contained or not) within buildings offering institutional care, such as hospitals, or temporary accommodation such as motels, hostels and holiday apartments, are not defined as dwelling units. The value of units of this type is included in non-residential building.
- **14** A *residential building* is defined as a building predominantly consisting of one or more dwelling units. Residential buildings can be either *bouses* or *other residential buildings*:
- A *bouse* is defined as a detached building predominantly used for long-term residential purposes and consisting of only one dwelling unit. Thus, detached 'granny flats' and detached dwelling units (such as caretakers' residences) associated with non-residential buildings are defined as houses for the purpose of these statistics.
- An *other residential building* is defined as a building which is predominantly used for long-term residential purposes and which contains (or has attached to it) more than one dwelling unit (e.g. includes townhouses, duplexes, blocks of flats, apartment buildings, etc.).
- **15** A *non-residential building* is primarily intended for purposes other than long term residential purposes.
- **16** *Alterations and additions* refer to building activity carried out on existing building. It includes adding to or diminishing floor area, altering the structural design of a building and affixing rigid components which are integral to the functioning of the building.
- **17** The *value of engineering 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.
- **18** The *value of building and engineering work done during the period* represents the estimated value of work actually carried out during the quarter on jobs which have commenced.

CLASSIFICATION: OWNERSHIP

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

RELIABILITY OF THE ESTIMATES

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

RELIABILITY OF THE ESTIMATES continued

22 Relative standard errors for the value of work done in the March quarter 2002 are given below. There is 67% confidence that the actual value would be within one standard error of the sample estimate, and 95% confidence that it lies within two standard errors.

• • • • • • • • • • • • • • • • • • • •	
	%
• • • • • • • • • • • • • • • • • • • •	
New private residential building	0.9
Total private residential building	8.0
Private non-residential building	1.0
Total private building	0.7
Total residential building	0.8
Total residential building	0.0
Total non-residential building	1.0
Total building	0.6
Engineering for the private sector	2.1
Total engineering	1.3

SEASONAL ADJUSTMENT

- **23** In the seasonally adjusted series, account has been taken of normal seasonal factors and the effect of movement in the date of Easter which may, in successive years, affect figures for different quarters.
- **24** 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. In most instances, the seasonally adjusted components of a series add to the seasonally adjusted total. However, for Building Work Done, the 'Public' series shown in tables 1 and 3 has been seasonally adjusted independently. As a consequence, while the unadjusted components in the original series shown add to the totals, the adjusted 'Private' and 'Public' components of both 'Building Work Done' and 'Construction Work Done' may not add to the respective totals.
- **25** The seasonal factors are reviewed annually to take account of each additional year's data. The results of the latest review for Construction Work Done are reflected in the December quarter issue each year.

TREND ESTIMATES

- **26** 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.
- **27** 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.

TREND ESTIMATES continued

28 While the smoothing technique described in paragraphs 26 and 27 enables trend estimates to be produced for recent quarters, it does result in revisions to the estimates for the most recent three quarters as additional observations become available. There may also be revisions because of changes in the original data and as a result of the re-estimation of the seasonal factors. For further information, see *Information Paper: A Guide to Interpreting Time Series* — *Monitoring Trends: an Overview* (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on Canberra 02 6252 6076.

CHAIN VOLUME MEASURES

- **29** Chain volume estimates of the value of work done are presented in original, seasonally adjusted and trend terms.
- **30** While current price estimates of value of work done reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes. The direct impact of the GST is a price change, and hence is removed from chain volume estimates. The deflators used to revalue the current price estimates in this publication are derived from the same price data underlying the deflators compiled for the dwellings and new other building components, and the new engineering construction component, of the national accounts aggregate 'Gross fixed capital formation'.
- **31** 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 1999–2000). 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. 1999–2000). 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).
- **32** The factors used to seasonally adjust the chain volume series are identical to those used to adjust the corresponding current price series.

ACKNOWLEDGMENT

33 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

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

Building Activity, Australia: Dwelling Unit Commencements, Preliminary (Cat. no. 8750.0)—issued quarterly

Building Activity, Australia (Cat. no. 8752.0)—issued quarterly Building Approvals, Australia (Cat. no. 8731.0)—issued monthly

Private Sector Construction Industry, Australia, 1996–97 (Cat. no. 8772.0)

Engineering Construction Activity, Australia (Cat. no. 8762.0)—issued quarterly

House Price Indexes: Eight Capital Cities (Cat. no. 6416.0)—issued quarterly Housing Finance for Owner Occupation, Australia (Cat. no. 5609.0)—issued monthly

Producer Price Indexes, Australia (Cat. no. 6427.0)—issued quarterly

35 Current publications and other products produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists products to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

ABS DATA AVAILABLE ON REQUEST

36 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.

SYMBOLS AND OTHER USAGES

ABS Australian Bureau of Statistics

n.a. not available.. not applicable

nil or rounded to zero

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

FOR MORE INFORMATION...

INTERNET www.abs.gov.au the ABS web site is the best place to

start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a

statistical profile.

LIBRARY A range of ABS publications is available from public and

tertiary libraries Australia-wide. Contact your nearest library to determine whether it has the ABS statistics you require, or visit our web site for a list of libraries.

CPI INFOLINE For current and historical Consumer Price Index data,

call 1902 981 074 (call cost 77c per minute).

DIAL-A-STATISTIC For the latest figures for National Accounts, Balance of

Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 77c per minute).

INFORMATION SERVICE

Data which have been published and can be provided within five minutes are free of charge. Our information consultants can also help you to access the full range of ABS information—ABS user-pays services can be tailored to your needs, time frame and budget. Publications may be purchased. 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 1041

WHY NOT SUBSCRIBE?

ABS subscription services provide regular, convenient and prompt deliveries of ABS publications and products as they are released. Email delivery of monthly and quarterly publications is available.

......

PHONE 1300 366 323

EMAIL subscriptions@abs.gov.au

FAX 03 9615 7848

POST Subscription Services, ABS, GPO Box 2796Y, Melbourne 3001

© Commonwealth of Australia 2002



RRP \$18.00