

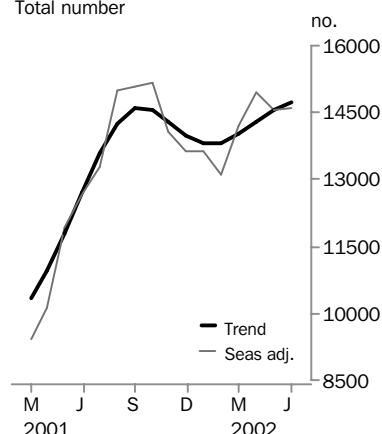
# BUILDING APPROVALS

AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) TUES 30 JUL 2002

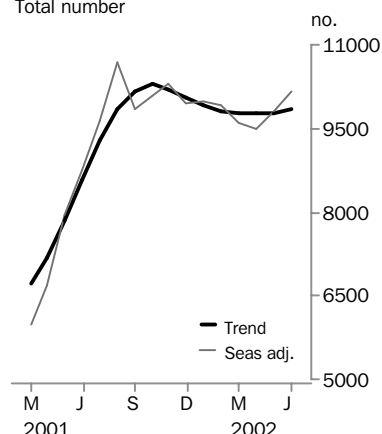
## Dwelling units approved

Total number



## Private sector houses approved

Total number



## JUNE KEY FIGURES

TREND ESTIMATES	Jun 2002	% change May 2002 to Jun 2002	% change Jun 2001 to Jun 2002
Dwelling units approved			
Private sector houses	9 841	0.6	14.8
Total dwelling units	14 742	1.4	15.9

SEASONALLY ADJUSTED	Jun 2002	% change May 2002 to Jun 2002	% change Jun 2001 to Jun 2002
Dwelling units approved			
Private sector houses	10 159	3.5	16.2
Total dwelling units	14 592	0.3	15.3

## JUNE KEY POINTS

### TREND ESTIMATES

- The trend estimate for total dwellings approved rose 1.4% in June 2002. This is the fifth consecutive monthly rise and follows a 1.7% rise in May.
- The trend estimate for private sector houses approved rose 0.6% in June 2002.
- The trend estimate for other dwellings approved rose 3.3% in June 2002. This was the fifth consecutive monthly rise, with the rate of growth slowing in the latest month.

### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for total dwellings approved rose 0.3% to 14,592 in June 2002.
- The seasonally adjusted estimate for private sector houses approved rose 3.5% to 10,159 in June 2002. This follows a rise of 3.3% in May.
- The seasonally adjusted estimate for other dwellings approved fell 6.8% to 4,302 in June 2002, following a 12.9% fall in May.

- For further information about these and related statistics, contact Andrea Woods on 08 8237 7350, or the National Information and Referral Service on 1300 135 070.

## NOTES

### FORTHCOMING ISSUES

#### ISSUE

#### RELEASE DATE

July 2002

30 August 2002

August 2002

1 October 2002

September 2002

31 October 2002

.....

### CHANGES IN THIS ISSUE

There are no changes in this issue.

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### DATA NOTES

Estimates have been included in this issue for two councils that were unable to report all building work approved in their municipalities this month (Holroyd and Liverpool in New South Wales).

Some seasonally adjusted estimates have been revised due to refinements to the seasonal factors. See paragraph 19 of the Explanatory Notes.

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### REVISIONS THIS MONTH

Revisions have been made to total dwelling units in this issue.

	Jul - Dec 2001	Jan - May 2002
Queensland	33	5
Western Australia	3	56
Total	36	61

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### SYMBOLS AND OTHER USAGES

n.a. not available

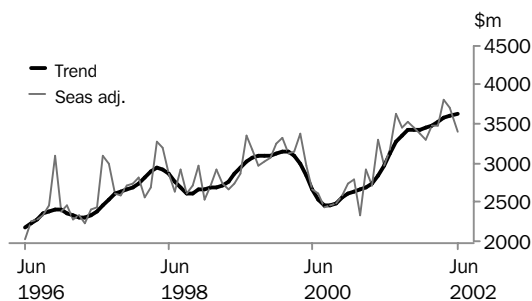
n.y.a. not yet available

Dennis Trewin  
Australian Statistician

## VALUE OF BUILDING APPROVED

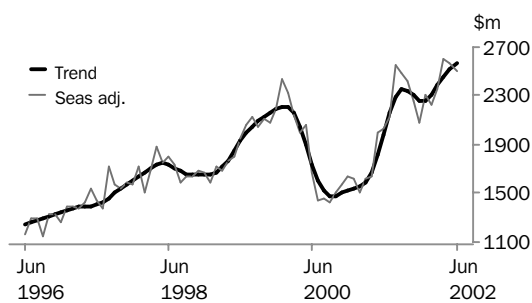
### VALUE OF TOTAL BUILDING

The trend estimate of the value of total building approved has risen since October 2000, but has flattened in recent months.



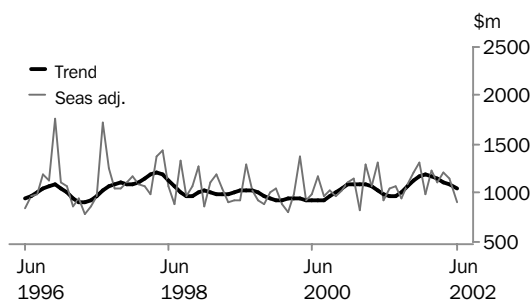
### VALUE OF RESIDENTIAL BUILDING

With the exception of a three month period from October to December 2001, the trend estimate of the value of residential building has been rising since October 2000.



### VALUE OF NON-RESIDENTIAL

The trend estimate of the value of non-residential building approved has fallen at a steadily increasing rate in each of the last five months.



# SUMMARY OF 2001–2002 BUILDING APPROVALS

## DWELLING UNITS APPROVED

The number of total dwelling units approved in 2001–2002 was 170,648 dwellings, an increase of 41.7% on the previous financial year. Both houses and other dwelling units rose, by 51.3% and 22.9% respectively. The only decreases recorded were for other dwellings in Western Australia and for other dwellings and total dwellings in the Northern Territory.

	<i>Houses.....</i>		<i>Other dwellings.....</i>		<i>Total dwelling units.....</i>	
	<i>no.</i>	<i>% change</i>	<i>no.</i>	<i>% change</i>	<i>no.</i>	<i>% change</i>
New South Wales	27 495	43.8	22 421	46.0	49 916	44.8
Victoria	37 089	51.0	12 452	13.2	49 541	39.3
Queensland	25 880	63.5	8 975	4.3	34 855	42.6
South Australia	9 177	62.6	1 704	50.7	10 881	60.6
Western Australia	17 373	44.9	2 839	–9.6	20 212	33.6
Tasmania	1 901	70.2	160	95.1	2 061	71.9
Northern Territory	643	5.4	307	–37.5	950	–13.7
Australian Capital Territory	1 214	25.5	1 018	30.3	2 232	27.7
<b>Australia</b>	<b>120 772</b>	<b>51.3</b>	<b>49 876</b>	<b>22.9</b>	<b>170 648</b>	<b>41.7</b>

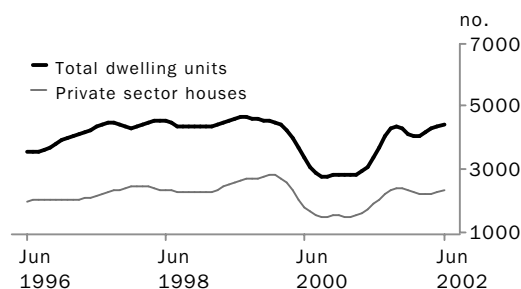
## VALUE OF BUILDING APPROVED

The value of total building approved in Australia in 2001–2002 increased by 29.2% compared to 2000–2001. The value of residential building increased in all States apart from the Northern Territory, with the total for Australia rising by 46.4%. The value of non-residential building in Australia increased by 3.4%, with Queensland, Western Australia and the Northern Territory recording falls in this category.

	<i>Total residential building...</i>		<i>Non-residential building....</i>		<i>Total.....</i>	
	<i>\$m</i>	<i>% change</i>	<i>\$m</i>	<i>% change</i>	<i>\$m</i>	<i>% change</i>
New South Wales	8 891.0	47.3	4 324.4	18.6	13 215.4	36.5
Victoria	8 993.8	42.6	4 489.4	10.5	13 483.1	30.0
Queensland	5 432.8	59.8	2 166.7	–16.7	7 599.5	26.6
South Australia	1 392.6	56.0	769.5	7.2	2 162.1	34.2
Western Australia	2 850.7	35.0	967.0	–25.3	3 817.7	12.0
Tasmania	275.2	61.4	166.0	8.8	441.2	36.6
Northern Territory	161.7	–8.9	159.4	–18.9	321.1	–14.2
Australian Capital Territory	389.1	29.5	244.7	40.3	633.8	33.5
<b>Australia</b>	<b>28 386.9</b>	<b>46.4</b>	<b>13 287.1</b>	<b>3.4</b>	<b>41 673.9</b>	<b>29.2</b>

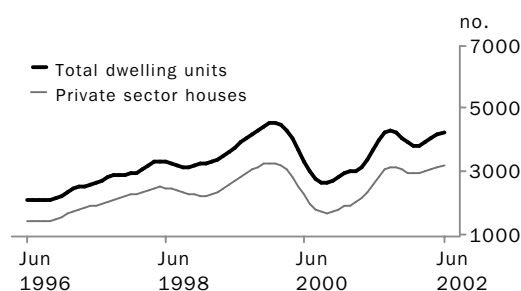
## DWELLING UNITS APPROVED: State Trends

### NEW SOUTH WALES



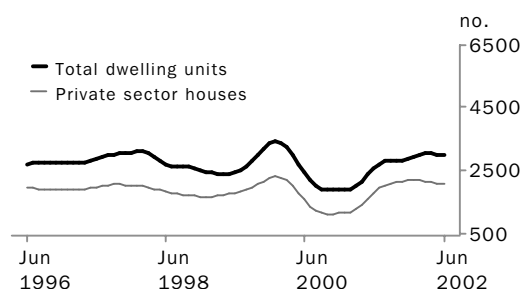
The trend estimate for total dwelling units approved in New South Wales has risen for the last five months, following three months of decline.

### VICTORIA



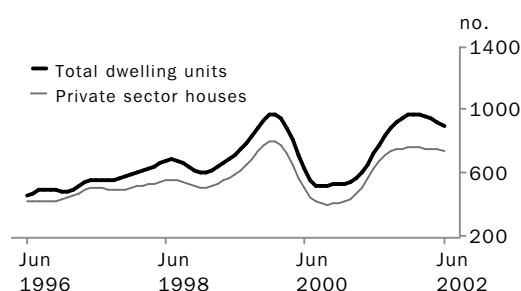
The trend estimate for total dwelling units approved in Victoria has risen for the last five months, following four months of decline.

### QUEENSLAND



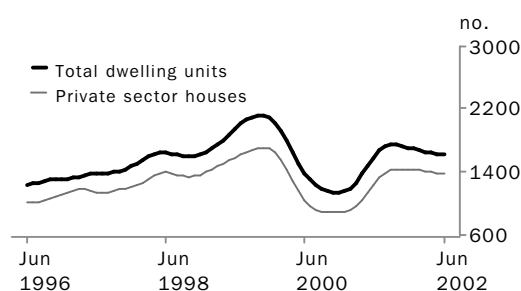
The trend estimate for total dwelling units approved in Queensland has fallen for the last three months, following five months of growth.

### SOUTH AUSTRALIA



The trend estimate for total dwelling units approved in South Australia has now fallen for the last five months, following sustained growth since October 2000.

### WESTERN AUSTRALIA



The trend estimate for total dwelling units approved in Western Australia has fallen for the last eight months, following ten months of growth.

# WHAT IF...? REVISIONS TO TREND ESTIMATES

## EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

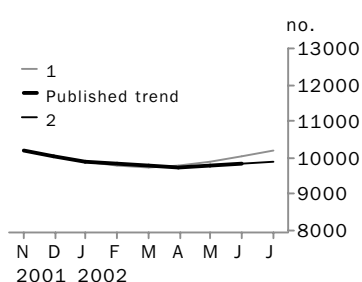
Readers should exercise care when interpreting trend estimates. The last six trend estimates, in particular, are likely to be revised when new seasonally adjusted estimates become available.

### TREND REVISIONS

Generally, the greater the volatility of the original series, the larger the size of the revisions to trend estimates. Analysis of the building approval original series has shown that they can be revised substantially. As a result, some months can elapse before turning points in the trend series are reliably identified.

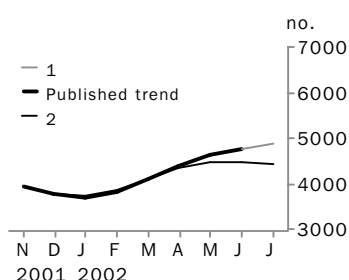
The graphs and tables which follow present the effect of two possible scenarios on the previous trend estimates: that the July seasonally adjusted estimate is higher than the June estimate by 3% for the number of private sector houses approved and 11% for other dwelling units approved; and that the July seasonally adjusted estimate is lower than the June estimate by 3% for the number of private sector houses approved and 11% for other dwelling units approved. These percentages were chosen because they represent the average absolute monthly percentage change for these series over the last ten years.

### PRIVATE SECTOR HOUSES APPROVED



	TREND AS PUBLISHED		WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:			
			<b>1</b> rises by 3% on Jun 2002		<b>2</b> falls by 3% on Jun 2002	
	no.	% change	no.	% change	no.	% change
February 2002	9 824	-0.9	9 795	-1.0	9 820	-0.9
March 2002	9 770	-0.5	9 758	-0.4	9 770	-0.5
April 2002	9 757	-0.1	9 792	0.4	9 759	-0.1
May 2002	9 780	0.2	9 894	1.0	9 785	0.3
June 2002	9 841	0.6	10 033	1.4	9 828	0.4
July 2002	n.y.a.	n.y.a.	10 177	1.4	9 869	0.4

### OTHER DWELLINGS



	TREND AS PUBLISHED		WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:			
			<b>1</b> rises by 11% on Jun 2002		<b>2</b> falls by 11% on Jun 2002	
	no.	% change	no.	% change	no.	% change
February 2002	3 830	3.3	3 815	3.1	3 850	3.5
March 2002	4 105	7.2	4 096	7.4	4 113	6.8
April 2002	4 389	6.9	4 404	7.5	4 358	6.0
May 2002	4 622	5.3	4 627	5.1	4 474	2.7
June 2002	4 775	3.3	4 772	3.1	4 484	0.2
July 2002	n.y.a.	n.y.a.	4 870	2.1	4 435	-1.1

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## DWELLING UNITS APPROVED

Month	HOUSES.....		OTHER DWELLINGS...		TOTAL DWELLING UNITS..		
	Private sector	Total	Private sector	Total	Private sector	Public sector	Total
	no.	no.	no.	no.	no.	no.	no.
ORIGINAL							
<b>2001</b>							
April	6 146	6 256	2 632	2 958	8 778	436	9 214
May	9 037	9 131	3 976	4 356	13 013	474	13 487
June	8 494	8 587	3 116	3 584	11 610	561	12 171
July	9 593	9 773	3 361	3 533	12 954	352	13 306
August	11 051	11 166	4 700	4 836	15 751	251	16 002
September	9 505	9 681	4 363	4 445	13 868	258	14 126
October	10 589	10 791	5 030	5 177	15 619	349	15 968
November	10 907	11 067	3 970	4 107	14 877	297	15 174
December	9 013	9 136	3 182	3 375	12 195	316	12 511
<b>2002</b>							
January	8 584	8 781	3 454	3 545	12 038	288	12 326
February	9 861	10 040	2 742	2 947	12 603	384	12 987
March	9 302	9 439	3 737	3 858	13 039	258	13 297
April	9 820	9 966	5 104	5 256	14 924	298	15 222
May	11 104	11 223	4 648	4 842	15 752	313	16 065
June	9 550	9 709	3 652	3 955	13 202	462	13 664
SEASONALLY ADJUSTED							
<b>2001</b>							
April	6 694	6 817	2 990	3 285	9 684	418	10 102
May	7 955	8 038	3 576	3 869	11 531	376	11 907
June	8 744	8 820	3 608	3 835	12 352	303	12 655
July	9 637	9 804	3 275	3 489	12 912	381	13 293
August	10 667	10 805	4 007	4 173	14 674	304	14 978
September	9 855	10 026	4 944	5 069	14 799	296	15 095
October	10 077	10 241	4 740	4 924	14 817	348	15 165
November	10 302	10 466	3 424	3 610	13 726	350	14 076
December	9 950	10 116	3 317	3 528	13 267	377	13 644
<b>2002</b>							
January	9 967	10 170	3 352	3 461	13 319	312	13 631
February	9 913	10 108	2 791	2 993	12 704	397	13 101
March	9 614	9 764	4 283	4 427	13 897	294	14 191
April	9 505	9 651	5 164	5 299	14 669	281	14 950
May	9 818	9 938	4 465	4 614	14 283	269	14 552
June	10 159	10 290	4 158	4 302	14 317	275	14 592
TREND ESTIMATES							
<b>2001</b>							
April	7 174	7 273	3 413	3 679	10 586	366	10 952
May	7 825	7 930	3 590	3 847	11 414	363	11 777
June	8 571	8 687	3 797	4 033	12 368	352	12 720
July	9 279	9 408	3 982	4 192	13 261	339	13 600
August	9 836	9 979	4 091	4 278	13 927	330	14 257
September	10 172	10 328	4 085	4 256	14 256	328	14 584
October	10 281	10 449	3 955	4 122	14 235	336	14 571
November	10 208	10 385	3 756	3 926	13 965	346	14 311
December	10 046	10 226	3 597	3 768	13 642	352	13 994
<b>2002</b>							
January	9 911	10 090	3 538	3 707	13 449	348	13 797
February	9 824	9 997	3 668	3 830	13 492	335	13 827
March	9 770	9 932	3 951	4 105	13 721	316	14 037
April	9 757	9 907	4 241	4 389	13 999	297	14 296
May	9 780	9 917	4 479	4 622	14 258	281	14 539
June	9 841	9 967	4 635	4 775	14 475	267	14 742



## DWELLING UNITS APPROVED, Percentage Change

Month	HOUSES.....		OTHER DWELLINGS...		TOTAL DWELLING UNITS..		
	Private sector	Total	Private sector	Total	Private sector	Public sector	Total
ORIGINAL (% change from preceding month)							
<b>2001</b>							
April	-6.6	-6.4	-9.9	-5.9	-7.6	33.3	-6.2
May	47.0	46.0	51.1	47.3	48.2	8.7	46.4
June	-6.0	-6.0	-21.6	-17.7	-10.8	18.4	-9.8
July	12.9	13.8	7.9	-1.4	11.6	-37.3	9.3
August	15.2	14.3	39.8	36.9	21.6	-28.7	20.3
September	-14.0	-13.3	-7.2	-8.1	-12.0	2.8	-11.7
October	11.4	11.5	15.3	16.5	12.6	35.3	13.0
November	3.0	2.6	-21.1	-20.7	-4.8	-14.9	-5.0
December	-17.4	-17.4	-19.8	-17.8	-18.0	6.4	-17.5
<b>2002</b>							
January	-4.8	-3.9	8.5	5.0	-1.3	-8.9	-1.5
February	14.9	14.3	-20.6	-16.9	4.7	33.3	5.4
March	-5.7	-6.0	36.3	30.9	3.5	-32.8	2.4
April	5.6	5.6	36.6	36.2	14.5	15.5	14.5
May	13.1	12.6	-8.9	-7.9	5.5	5.0	5.5
June	-14.0	-13.5	-21.4	-18.3	-16.2	47.6	-14.9
SEASONALLY ADJUSTED (% change from preceding month)							
<b>2001</b>							
April	11.6	11.6	-2.9	-1.4	6.7	15.8	7.0
May	18.8	17.9	19.6	17.8	19.1	-10.0	17.9
June	9.9	9.7	0.9	-0.9	7.1	-19.4	6.3
July	10.2	11.2	-9.2	-9.0	4.5	25.7	5.0
August	10.7	10.2	22.4	19.6	13.6	-20.2	12.7
September	-7.6	-7.2	23.4	21.5	0.9	-2.6	0.8
October	2.3	2.1	-4.1	-2.9	0.1	17.6	0.5
November	2.2	2.2	-27.8	-26.7	-7.4	0.6	-7.2
December	-3.4	-3.3	-3.1	-2.3	-3.3	7.7	-3.1
<b>2002</b>							
January	0.2	0.5	1.1	-1.9	0.4	-17.2	-0.1
February	-0.5	-0.6	-16.7	-13.5	-4.6	27.2	-3.9
March	-3.0	-3.4	53.5	47.9	9.4	-25.9	8.3
April	-1.1	-1.2	20.6	19.7	5.6	-4.4	5.3
May	3.3	3.0	-13.5	-12.9	-2.6	-4.3	-2.7
June	3.5	3.5	-6.9	-6.8	0.2	2.2	0.3
TREND ESTIMATES (% change from preceding month)							
<b>2001</b>							
April	7.0	6.9	3.9	3.8	6.0	2.5	5.8
May	9.1	9.0	5.2	4.6	7.8	-0.8	7.5
June	9.5	9.5	5.8	4.8	8.4	-3.0	8.0
July	8.3	8.3	4.9	3.9	7.2	-3.7	6.9
August	6.0	6.1	2.7	2.1	5.0	-2.7	4.8
September	3.4	3.5	-0.1	-0.5	2.4	-0.6	2.3
October	1.1	1.2	-3.2	-3.1	-0.1	2.4	-0.1
November	-0.7	-0.6	-5.0	-4.8	-1.9	3.0	-1.8
December	-1.6	-1.5	-4.2	-4.0	-2.3	1.7	-2.2
<b>2002</b>							
January	-1.3	-1.3	-1.6	-1.6	-1.4	-1.1	-1.4
February	-0.9	-0.9	3.7	3.3	0.3	-3.7	0.2
March	-0.5	-0.7	7.7	7.2	1.7	-5.7	1.5
April	-0.1	-0.3	7.3	6.9	2.0	-6.0	1.8
May	0.2	0.1	5.6	5.3	1.9	-5.4	1.7
June	0.6	0.5	3.5	3.3	1.5	-5.0	1.4

## VALUE OF BUILDING APPROVED(a)

Month	New residential building	Alterations and additions to residential buildings(b)	Total residential building	Non- residential building	Total building
\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL					
<b>2001</b>					
April	1 246.9	261.1	1 508.0	1 079.6	2 587.6
May	1 786.1	341.6	2 127.6	1 395.8	3 523.4
June	1 675.6	298.6	1 974.1	918.9	2 893.1
July	1 859.6	309.2	2 168.9	1 149.1	3 318.0
August	2 438.6	345.3	2 783.9	1 047.8	3 831.7
September	2 023.8	325.7	2 349.5	855.9	3 205.5
October	2 190.4	385.5	2 575.9	1 204.8	3 780.8
November	2 103.4	328.3	2 431.7	1 133.4	3 565.1
December	1 722.5	259.7	1 982.1	1 108.7	3 090.8
<b>2002</b>					
January	1 730.9	289.3	2 020.2	930.6	2 950.8
February	1 896.7	307.1	2 203.8	1 357.2	3 561.0
March	1 888.7	316.0	2 204.6	1 012.9	3 217.5
April	2 263.2	319.1	2 582.3	1 464.6	4 046.9
May	2 298.4	435.3	2 733.6	1 195.1	3 928.8
June	2 021.9	328.4	2 350.3	826.9	3 177.2
SEASONALLY ADJUSTED					
<b>2001</b>					
April	1 354.4	287.2	1 641.6	1 066.9	2 708.5
May	1 703.0	292.5	1 995.5	1 315.4	3 310.9
June	1 720.0	308.1	2 028.2	934.1	2 962.3
July	1 820.1	308.5	2 128.7	1 051.8	3 180.5
August	2 243.7	317.1	2 560.8	1 079.3	3 640.0
September	2 162.7	332.2	2 494.9	956.4	3 451.3
October	2 066.7	356.4	2 423.1	1 097.8	3 520.8
November	1 937.3	317.1	2 254.4	1 205.9	3 460.3
December	1 760.2	315.4	2 075.6	1 308.1	3 383.7
<b>2002</b>					
January	1 974.8	336.4	2 311.2	987.6	3 298.7
February	1 917.4	314.2	2 231.6	1 239.5	3 471.1
March	2 044.9	312.7	2 357.5	1 115.5	3 473.0
April	2 280.4	314.9	2 595.2	1 207.1	3 802.3
May	2 183.1	381.9	2 565.0	1 149.2	3 714.2
June	2 148.2	351.6	2 499.8	900.8	3 400.6
TREND ESTIMATES					
<b>2001</b>					
April	1 399.3	279.6	1 678.9	1 073.5	2 752.4
May	1 521.0	291.7	1 812.7	1 034.9	2 847.6
June	1 682.5	302.9	1 985.3	993.6	2 978.9
July	1 842.7	313.3	2 156.0	972.0	3 128.0
August	1 963.3	322.8	2 286.1	977.2	3 263.4
September	2 020.5	329.4	2 349.9	1 014.4	3 364.2
October	2 013.9	332.1	2 345.9	1 073.5	3 419.4
November	1 971.8	329.6	2 301.3	1 126.1	3 427.5
December	1 937.3	324.8	2 262.1	1 167.4	3 429.6
<b>2002</b>					
January	1 940.7	321.2	2 261.9	1 184.9	3 446.8
February	1 986.8	321.5	2 308.3	1 175.8	3 484.1
March	2 057.5	326.8	2 384.3	1 150.7	3 535.0
April	2 124.6	334.9	2 459.5	1 121.5	3 581.0
May	2 179.2	344.2	2 523.4	1 087.1	3 610.4
June	2 223.4	352.4	2 575.8	1 050.5	3 626.3

(a) Refer to Explanatory Notes paragraph 8.

(b) Refer to Explanatory Notes paragraph 14.

## VALUE OF BUILDING APPROVED, Percentage Change(a)

Month	New residential building	Alterations and additions to residential buildings(b)	Total residential building	Non- residential building	Total building
ORIGINAL (% change from preceding month)					
<b>2001</b>					
April	-7.3	-16.7	-9.1	-15.2	-11.7
May	43.2	30.8	41.1	29.3	36.2
June	-6.2	-12.6	-7.2	-34.2	-17.9
July	11.0	3.6	9.9	25.0	14.7
August	31.1	11.7	28.4	-8.8	15.5
September	-17.0	-5.7	-15.6	-18.3	-16.3
October	8.2	18.4	9.6	40.8	17.9
November	-4.0	-14.8	-5.6	-5.9	-5.7
December	-18.1	-20.9	-18.5	-2.2	-13.3
<b>2002</b>					
January	0.5	11.4	1.9	-16.1	-4.5
February	9.6	6.2	9.1	45.8	20.7
March	-0.4	2.9	0.0	-25.4	-9.6
April	19.8	1.0	17.1	44.6	25.8
May	1.6	36.4	5.9	-18.4	-2.9
June	-12.0	-24.5	-14.0	-30.8	-19.1
SEASONALLY ADJUSTED (% change from preceding month)					
<b>2001</b>					
April	1.5	-0.5	1.2	-18.1	-7.4
May	25.7	1.9	21.6	23.3	22.2
June	1.0	5.3	1.6	-29.0	-10.5
July	5.8	0.1	5.0	12.6	7.4
August	23.3	2.8	20.3	2.6	14.4
September	-3.6	4.8	-2.6	-11.4	-5.2
October	-4.4	7.3	-2.9	14.8	2.0
November	-6.3	-11.0	-7.0	9.9	-1.7
December	-9.1	-0.6	-7.9	8.5	-2.2
<b>2002</b>					
January	12.2	6.7	11.3	-24.5	-2.5
February	-2.9	-6.6	-3.4	25.5	5.2
March	6.6	-0.5	5.6	-10.0	0.1
April	11.5	0.7	10.1	8.2	9.5
May	-4.3	21.3	-1.2	-4.8	-2.3
June	-1.6	-7.9	-2.5	-21.6	-8.4
TREND ESTIMATES (% change from preceding month)					
<b>2001</b>					
April	5.2	4.3	5.1	-2.1	2.2
May	8.7	4.3	8.0	-3.6	3.5
June	10.6	3.8	9.5	-4.0	4.6
July	9.5	3.4	8.6	-2.2	5.0
August	6.5	3.0	6.0	0.5	4.3
September	2.9	2.0	2.8	3.8	3.1
October	-0.3	0.8	-0.2	5.8	1.6
November	-2.1	-0.8	-1.9	4.9	0.2
December	-1.7	-1.4	-1.7	3.7	0.1
<b>2002</b>					
January	0.2	-1.1	0.0	1.5	0.5
February	2.4	0.1	2.1	-0.8	1.1
March	3.6	1.6	3.3	-2.1	1.5
April	3.3	2.5	3.2	-2.5	1.3
May	2.6	2.8	2.6	-3.1	0.8
June	2.0	2.4	2.1	-3.4	0.4

(a) Refer to Explanatory Notes paragraph 8.

(b) Refer to Explanatory Notes paragraph 14.

DWELLING UNITS APPROVED, Private and Public Sector: **Original**

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Conversion(a)</i>	<i>Non-residential building(a)</i>	<i>Total dwelling units</i>
PRIVATE SECTOR (Number)						
<b>1999-2000</b>	121 419	47 711	825	1 905	522	<b>172 382</b>
<b>2000-01</b>	78 595	35 005	763	2 107	154	<b>116 624</b>
<b>2001-02</b>	118 730	45 370	576	1 891	255	<b>166 822</b>
<b>2001</b>						
June	8 492	2 866	50	188	14	<b>11 610</b>
July	9 584	3 304	29	31	6	<b>12 954</b>
August	11 039	4 605	43	43	21	<b>15 751</b>
September	9 494	3 972	48	310	44	<b>13 868</b>
October	10 573	4 696	46	296	8	<b>15 619</b>
November	10 894	3 899	41	31	12	<b>14 877</b>
December	8 999	2 980	66	135	15	<b>12 195</b>
<b>2002</b>						
January	8 573	3 187	38	228	12	<b>12 038</b>
February	9 849	2 601	44	100	9	<b>12 603</b>
March	9 290	3 538	39	150	22	<b>13 039</b>
April	9 812	4 964	70	64	14	<b>14 924</b>
May	11 094	4 147	70	359	82	<b>15 752</b>
June	9 529	3 477	42	144	10	<b>13 202</b>
PUBLIC SECTOR (Number)						
<b>1999-2000</b>	1 754	2 517	56	6	9	<b>4 342</b>
<b>2000-01</b>	1 108	2 498	105	105	2	<b>3 818</b>
<b>2001-02</b>	1 892	1 923	7	1	3	<b>3 826</b>
<b>2001</b>						
June	93	445	23	0	0	<b>561</b>
July	180	171	0	0	1	<b>352</b>
August	115	136	0	0	0	<b>251</b>
September	176	81	1	0	0	<b>258</b>
October	202	147	0	0	0	<b>349</b>
November	159	136	1	1	0	<b>297</b>
December	123	193	0	0	0	<b>316</b>
<b>2002</b>						
January	197	91	0	0	0	<b>288</b>
February	179	201	4	0	0	<b>384</b>
March	137	119	1	0	1	<b>258</b>
April	146	151	0	0	1	<b>298</b>
May	119	194	0	0	0	<b>313</b>
June	159	303	0	0	0	<b>462</b>
TOTAL (Number)						
<b>1999-2000</b>	123 173	50 228	881	1 911	531	<b>176 724</b>
<b>2000-01</b>	79 703	37 503	868	2 212	156	<b>120 442</b>
<b>2001-02</b>	120 622	47 293	583	1 892	258	<b>170 648</b>
<b>2001</b>						
June	8 585	3 311	73	188	14	<b>12 171</b>
July	9 764	3 475	29	31	7	<b>13 306</b>
August	11 154	4 741	43	43	21	<b>16 002</b>
September	9 670	4 053	49	310	44	<b>14 126</b>
October	10 775	4 843	46	296	8	<b>15 968</b>
November	11 053	4 035	42	32	12	<b>15 174</b>
December	9 122	3 173	66	135	15	<b>12 511</b>
<b>2002</b>						
January	8 770	3 278	38	228	12	<b>12 326</b>
February	10 028	2 802	48	100	9	<b>12 987</b>
March	9 427	3 657	40	150	23	<b>13 297</b>
April	9 958	5 115	70	64	15	<b>15 222</b>
May	11 213	4 341	70	359	82	<b>16 065</b>
June	9 688	3 780	42	144	10	<b>13 664</b>

(a) See Glossary for definition.

# VALUE OF BUILDING APPROVED, Private and Public Sector: Original(a)

Month	New houses	New other residential building	Alterations and additions creating dwellings	Alterations and additions not creating dwellings	Conversion(b)	Total residential building	Non-residential building(b)	Total building
PRIVATE SECTOR (\$ million)								
<b>1999-2000</b>	15 499.8	5 781.6	95.0	3 105.1	234.5	24 716.2	9 039.5	33 755.6
<b>2000-01</b>	10 913.3	4 768.5	76.9	2 751.5	278.0	18 788.4	9 471.1	28 259.4
<b>2001-02</b>	17 278.4	6 697.6	64.7	3 453.0	275.3	27 769.1	9 790.0	37 559.2
<b>2001</b>								
June	1 182.9	420.4	4.2	249.8	33.1	1 890.5	643.5	2 534.0
July	1 389.5	430.3	3.0	276.8	6.7	2 106.2	940.0	3 046.2
August	1 579.9	828.2	5.2	329.1	3.9	2 746.4	704.1	3 450.4
September	1 350.4	640.1	5.7	281.7	29.8	2 307.7	727.8	3 035.5
October	1 497.3	650.8	5.0	333.3	39.8	2 526.3	908.8	3 435.1
November	1 538.2	530.0	3.8	303.3	2.8	2 378.1	819.6	3 197.7
December	1 272.3	417.3	8.4	224.8	17.1	1 939.9	838.0	2 777.9
<b>2002</b>								
January	1 237.2	455.2	4.6	229.8	43.6	1 970.4	694.7	2 665.1
February	1 443.4	410.6	5.5	273.2	12.2	2 145.0	1 079.1	3 224.1
March	1 366.8	495.1	3.3	270.5	18.8	2 154.4	769.6	2 924.0
April	1 472.0	753.7	8.6	296.2	6.0	2 536.5	822.0	3 358.6
May	1 657.6	596.8	6.2	344.6	72.6	2 677.8	836.6	3 514.4
June	1 473.8	489.5	5.4	289.7	22.0	2 280.4	649.7	2 930.2
PUBLIC SECTOR (\$ million)								
<b>1999-2000</b>	202.1	241.9	3.7	101.9	0.9	550.7	3 149.9	3 700.7
<b>2000-01</b>	146.8	282.1	7.6	157.7	13.7	607.8	3 376.4	3 984.4
<b>2001-02</b>	247.8	214.1	0.4	155.1	0.1	617.7	3 496.9	4 114.7
<b>2001</b>								
June	11.5	60.7	1.6	9.8	0.0	83.6	275.4	359.1
July	21.7	18.1	0.0	22.8	0.0	62.6	209.1	271.7
August	15.4	15.1	0.0	7.0	0.0	37.5	343.7	381.2
September	24.6	8.7	0.2	8.3	0.0	41.8	128.1	170.0
October	28.1	14.1	0.0	7.4	0.0	49.6	296.0	345.7
November	21.0	14.2	0.1	18.1	0.1	53.6	313.8	367.4
December	14.2	18.8	0.0	9.3	0.0	42.2	270.6	312.9
<b>2002</b>								
January	28.3	10.2	0.0	11.3	0.0	49.8	235.9	285.7
February	21.5	21.2	0.0	16.2	0.0	58.9	278.1	336.9
March	14.5	12.3	0.1	23.3	0.0	50.2	243.3	293.5
April	18.9	18.6	0.0	8.3	0.0	45.8	642.5	688.3
May	17.4	26.5	0.0	11.8	0.0	55.8	358.6	414.4
June	22.2	36.3	0.0	11.3	0.0	69.9	177.2	247.0
TOTAL (\$ million)								
<b>1999-2000</b>	15 702.0	6 023.6	98.7	3 207.2	235.4	25 266.8	12 189.4	37 456.2
<b>2000-01</b>	11 060.3	5 050.6	84.7	2 909.1	291.7	19 396.2	12 847.3	32 243.7
<b>2001-02</b>	17 526.2	6 911.8	65.1	3 608.3	275.4	28 386.8	13 287.0	41 674.1
<b>2001</b>								
June	1 194.4	481.1	5.8	259.6	33.1	1 974.1	918.9	2 893.1
July	1 411.2	448.4	3.0	299.6	6.7	2 168.9	1 149.1	3 318.0
August	1 595.3	843.3	5.2	336.2	3.9	2 783.9	1 047.8	3 831.7
September	1 375.0	648.9	5.9	290.0	29.8	2 349.5	855.9	3 205.5
October	1 525.5	664.9	5.0	340.7	39.8	2 575.9	1 204.8	3 780.8
November	1 559.2	544.2	3.9	321.5	2.9	2 431.7	1 133.4	3 565.1
December	1 286.4	436.0	8.4	234.1	17.1	1 982.1	1 108.7	3 090.8
<b>2002</b>								
January	1 265.5	465.4	4.6	241.1	43.6	2 020.2	930.6	2 950.8
February	1 464.9	431.8	5.5	289.4	12.2	2 203.8	1 357.2	3 561.0
March	1 381.3	507.4	3.4	293.8	18.8	2 204.6	1 012.9	3 217.5
April	1 490.9	772.3	8.6	304.5	6.0	2 582.3	1 464.6	4 046.9
May	1 675.0	623.3	6.2	356.4	72.6	2 733.6	1 195.1	3 928.8
June	1 496.0	525.9	5.4	301.0	22.0	2 350.3	826.9	3 177.2

(a) Refer to Explanatory Notes paragraph 8.

(b) See Glossary for definition.

## DWELLING UNITS APPROVED, States and Australia

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Month	no.	no.	no.	no.	no.	no.	no.	no.	no.
ORIGINAL									
<b>2001</b>									
April	2 543	2 456	2 030	517	1 303	68	178	119	9 214
May	3 754	3 688	3 159	709	1 724	134	132	187	13 487
June	3 238	3 329	2 493	736	1 779	127	184	285	12 171
July	3 852	3 752	2 585	975	1 748	118	94	182	13 306
August	4 049	5 694	3 232	827	1 854	149	75	122	16 002
September	4 132	4 289	2 900	863	1 571	190	75	106	14 126
October	5 375	4 418	2 838	904	1 749	170	103	411	15 968
November	4 740	3 808	3 081	931	2 016	170	50	378	15 174
December	3 567	3 904	2 236	970	1 458	160	36	180	12 511
<b>2002</b>									
January	3 631	3 501	2 463	764	1 535	284	69	79	12 326
February	3 261	3 820	3 066	971	1 546	151	75	97	12 987
March	3 582	3 530	3 457	904	1 372	167	118	167	13 297
April	4 961	4 362	2 775	987	1 722	165	84	166	15 222
May	5 105	4 468	3 109	981	1 939	165	49	249	16 065
June	3 661	3 995	3 113	804	1 702	172	122	95	13 664
SEASONALLY ADJUSTED									
<b>2001</b>									
April	2 919	2 581	2 218	602	1 468	71	n.a.	n.a.	10 102
May	3 178	3 592	2 616	667	1 444	128	n.a.	n.a.	11 907
June	3 467	3 642	2 458	692	1 568	165	n.a.	n.a.	12 655
July	3 395	4 014	2 718	800	1 727	140	n.a.	n.a.	13 293
August	3 847	4 937	2 971	868	1 774	157	n.a.	n.a.	14 978
September	4 412	4 334	2 859	863	1 705	172	n.a.	n.a.	15 095
October	5 081	4 572	2 659	900	1 700	147	n.a.	n.a.	15 165
November	4 307	3 608	2 912	922	1 792	154	n.a.	n.a.	14 076
December	3 902	4 014	2 755	1 089	1 676	165	n.a.	n.a.	13 644
<b>2002</b>									
January	3 910	3 962	2 715	930	1 682	264	n.a.	n.a.	13 631
February	3 476	3 648	3 147	949	1 712	154	n.a.	n.a.	13 101
March	4 078	3 712	3 656	893	1 607	177	n.a.	n.a.	14 191
April	5 172	4 053	2 893	1 078	1 648	156	n.a.	n.a.	14 950
May	4 492	4 483	2 648	962	1 680	154	n.a.	n.a.	14 552
June	3 905	4 282	3 113	773	1 574	246	n.a.	n.a.	14 592
TREND ESTIMATES									
<b>2001</b>									
April	2 930	3 157	2 180	600	1 373	106	116	141	10 952
May	3 100	3 384	2 381	659	1 484	122	124	151	11 777
June	3 373	3 700	2 577	721	1 587	137	122	163	12 720
July	3 710	4 004	2 728	779	1 670	147	111	185	13 600
August	4 043	4 217	2 805	834	1 720	154	96	213	14 257
September	4 280	4 296	2 808	885	1 742	160	81	233	14 584
October	4 350	4 239	2 801	924	1 744	166	73	241	14 571
November	4 276	4 089	2 831	950	1 731	174	70	233	14 311
December	4 152	3 934	2 892	968	1 711	180	71	215	13 994
<b>2002</b>									
January	4 061	3 838	2 967	977	1 692	182	75	190	13 797
February	4 062	3 844	3 035	976	1 676	182	78	168	13 827
March	4 161	3 926	3 069	964	1 659	180	80	156	14 037
April	4 282	4 042	3 066	945	1 643	181	81	154	14 296
May	4 377	4 171	3 040	922	1 628	184	81	153	14 539
June	4 437	4 265	3 016	893	1 619	188	79	157	14 742

## DWELLING UNITS APPROVED, States and Australia–Percentage Change

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL (% change from preceding month)									
<b>2001</b>									
April	1.0	-27.6	11.0	-18.7	10.6	-23.6	52.1	80.3	-6.2
May	47.6	50.2	55.6	37.1	32.3	97.1	-25.8	57.1	46.4
June	-13.7	-9.7	-21.1	3.8	3.2	-5.2	39.4	52.4	-9.8
July	19.0	12.7	3.7	32.5	-1.7	-7.1	-48.9	-36.1	9.3
August	5.1	51.8	25.0	-15.2	6.1	26.3	-20.2	-33.0	20.3
September	2.0	-24.7	-10.3	4.4	-15.3	27.5	0.0	-13.1	-11.7
October	30.1	3.0	-2.1	4.8	11.3	-10.5	37.3	287.7	13.0
November	-11.8	-13.8	8.6	3.0	15.3	0.0	-51.5	-8.0	-5.0
December	-24.7	2.5	-27.4	4.2	-27.7	-5.9	-28.0	-52.4	-17.5
<b>2002</b>									
January	1.8	-10.3	10.2	-21.2	5.3	77.5	91.7	-56.1	-1.5
February	-10.2	9.1	24.5	27.1	0.7	-46.8	8.7	22.8	5.4
March	9.8	-7.6	12.8	-6.9	-11.3	10.6	57.3	72.2	2.4
April	38.5	23.6	-19.7	9.2	25.5	-1.2	-28.8	-0.6	14.5
May	2.9	2.4	12.0	-0.6	12.6	0.0	-41.7	50.0	5.5
June	-28.3	-10.6	0.1	-18.0	-12.2	4.2	149.0	-61.8	-14.9
SEASONALLY ADJUSTED (% change from preceding month)									
<b>2001</b>									
April	5.9	-15.2	19.5	1.7	20.6	-20.7	n.a.	n.a.	7.0
May	8.9	39.2	17.9	10.8	-1.6	80.1	n.a.	n.a.	17.9
June	9.1	1.4	-6.0	3.8	8.6	28.6	n.a.	n.a.	6.3
July	-2.1	10.2	10.6	15.6	10.1	-15.3	n.a.	n.a.	5.0
August	13.3	23.0	9.3	8.6	2.8	12.7	n.a.	n.a.	12.7
September	14.7	-12.2	-3.8	-0.6	-3.9	9.3	n.a.	n.a.	0.8
October	15.2	5.5	-7.0	4.3	-0.3	-14.6	n.a.	n.a.	0.5
November	-15.2	-21.1	9.5	2.5	5.4	4.9	n.a.	n.a.	-7.2
December	-9.4	11.3	-5.4	18.1	-6.5	7.2	n.a.	n.a.	-3.1
<b>2002</b>									
January	0.2	-1.3	-1.5	-14.6	0.4	59.5	n.a.	n.a.	-0.1
February	-11.1	-7.9	15.9	2.1	1.8	-41.5	n.a.	n.a.	-3.9
March	17.3	1.8	16.2	-5.9	-6.2	14.7	n.a.	n.a.	8.3
April	26.8	9.2	-20.9	20.7	2.5	-11.9	n.a.	n.a.	5.3
May	-13.1	10.6	-8.5	-10.8	2.0	-1.1	n.a.	n.a.	-2.7
June	-13.1	-4.5	17.5	-19.7	-6.3	59.4	n.a.	n.a.	0.3
TREND ESTIMATES (% change from preceding month)									
<b>2001</b>									
April	2.8	3.7	8.2	6.9	8.1	13.7	16.3	8.6	5.8
May	5.8	7.2	9.2	9.7	8.1	15.0	6.8	6.8	7.5
June	8.8	9.3	8.2	9.4	7.0	12.4	-1.8	8.3	8.0
July	10.0	8.2	5.9	8.1	5.2	7.2	-9.3	13.4	6.9
August	9.0	5.3	2.8	7.0	3.0	5.0	-13.8	14.9	4.8
September	5.9	1.9	0.1	6.1	1.3	3.8	-15.1	9.8	2.3
October	1.6	-1.3	-0.2	4.5	0.1	3.9	-10.5	3.4	-0.1
November	-1.7	-3.5	1.0	2.8	-0.7	4.7	-3.4	-3.3	-1.8
December	-2.9	-3.8	2.2	1.9	-1.2	3.6	1.5	-8.1	-2.2
<b>2002</b>									
January	-2.2	-2.5	2.6	0.9	-1.1	1.2	4.8	-11.2	-1.4
February	0.0	0.2	2.3	-0.1	-1.0	-0.5	4.5	-11.9	0.2
March	2.4	2.2	1.1	-1.2	-1.0	-0.7	3.2	-7.2	1.5
April	2.9	2.9	-0.1	-1.9	-1.0	0.1	0.7	-1.1	1.8
May	2.2	3.2	-0.9	-2.4	-0.9	1.8	-0.5	-0.7	1.7
June	1.4	2.2	-0.8	-3.2	-0.5	2.5	-2.2	2.5	1.4

## PRIVATE SECTOR HOUSES APPROVED, States and Australia

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Month	no.	no.	no.	no.	no.	no.	no.	no.	no.
ORIGINAL									
<b>2001</b>									
April	1 450	1 811	1 335	477	880	65	54	74	6 146
May	2 019	2 662	1 983	655	1 399	130	84	105	9 037
June	1 873	2 615	1 778	641	1 336	116	79	56	8 494
July	2 164	2 832	2 093	765	1 450	114	63	112	9 593
August	2 406	3 655	2 379	736	1 577	143	35	120	11 051
September	2 152	2 990	2 031	712	1 362	145	38	75	9 505
October	2 621	3 310	2 109	778	1 489	163	38	81	10 589
November	2 762	3 107	2 331	764	1 643	170	30	100	10 907
December	2 166	2 784	1 813	699	1 259	157	28	107	9 013
<b>2002</b>									
January	2 058	2 346	1 928	667	1 307	180	41	57	8 584
February	2 127	3 056	2 319	770	1 341	136	44	68	9 861
March	1 946	2 955	2 114	756	1 173	166	47	145	9 302
April	2 226	3 226	2 027	701	1 367	137	38	98	9 820
May	2 572	3 442	2 417	799	1 563	155	30	126	11 104
June	2 205	2 928	2 076	716	1 338	158	49	80	9 550
SEASONALLY ADJUSTED									
<b>2001</b>									
April	1 608	1 990	1 409	535	1 051	n.a.	n.a.	n.a.	6 694
May	1 758	2 626	1 789	599	1 266	n.a.	n.a.	n.a.	7 955
June	2 023	2 571	1 788	643	1 284	n.a.	n.a.	n.a.	8 744
July	2 126	2 983	2 184	715	1 396	n.a.	n.a.	n.a.	9 637
August	2 255	3 411	2 139	724	1 406	n.a.	n.a.	n.a.	10 667
September	2 304	2 954	1 996	728	1 452	n.a.	n.a.	n.a.	9 855
October	2 450	3 285	2 011	739	1 404	n.a.	n.a.	n.a.	10 077
November	2 525	2 977	2 199	723	1 443	n.a.	n.a.	n.a.	10 302
December	2 284	2 958	2 223	774	1 334	n.a.	n.a.	n.a.	9 950
<b>2002</b>									
January	2 269	2 895	2 246	785	1 498	n.a.	n.a.	n.a.	9 967
February	2 210	2 859	2 253	770	1 483	n.a.	n.a.	n.a.	9 913
March	2 131	2 942	2 147	734	1 412	n.a.	n.a.	n.a.	9 614
April	2 250	3 196	2 092	748	1 345	n.a.	n.a.	n.a.	9 505
May	2 187	3 297	2 162	761	1 394	n.a.	n.a.	n.a.	9 818
June	2 510	3 054	2 069	723	1 373	n.a.	n.a.	n.a.	10 159
TREND ESTIMATES									
<b>2001</b>									
April	1 608	2 161	1 421	510	1 036	n.a.	n.a.	n.a.	7 174
May	1 730	2 363	1 604	566	1 136	n.a.	n.a.	n.a.	7 825
June	1 888	2 615	1 788	624	1 243	n.a.	n.a.	n.a.	8 571
July	2 067	2 866	1 943	673	1 334	n.a.	n.a.	n.a.	9 279
August	2 233	3 061	2 049	709	1 394	n.a.	n.a.	n.a.	9 836
September	2 352	3 155	2 110	733	1 425	n.a.	n.a.	n.a.	10 172
October	2 405	3 140	2 146	748	1 436	n.a.	n.a.	n.a.	10 281
November	2 397	3 059	2 169	756	1 437	n.a.	n.a.	n.a.	10 208
December	2 345	2 977	2 190	760	1 434	n.a.	n.a.	n.a.	10 046
<b>2002</b>									
January	2 283	2 942	2 207	763	1 433	n.a.	n.a.	n.a.	9 911
February	2 235	2 964	2 205	762	1 427	n.a.	n.a.	n.a.	9 824
March	2 220	3 015	2 180	757	1 416	n.a.	n.a.	n.a.	9 770
April	2 235	3 075	2 149	751	1 402	n.a.	n.a.	n.a.	9 757
May	2 267	3 133	2 119	745	1 386	n.a.	n.a.	n.a.	9 780
June	2 318	3 177	2 094	736	1 376	n.a.	n.a.	n.a.	9 841



## PRIVATE SECTOR HOUSES APPROVED, States and Australia–Percentage Change

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL (% change from preceding month)									
<b>2001</b>									
April	-5.5	-17.1	2.8	-7.7	-1.1	-23.5	116.0	68.2	-6.6
May	39.2	47.0	48.5	37.3	59.0	100.0	55.6	41.9	47.0
June	-7.2	-1.8	-10.3	-2.1	-4.5	-10.8	-6.0	-46.7	-6.0
July	15.5	8.3	17.7	19.3	8.5	-1.7	-20.3	100.0	12.9
August	11.2	29.1	13.7	-3.8	8.8	25.4	-44.4	7.1	15.2
September	-10.6	-18.2	-14.6	-3.3	-13.6	1.4	8.6	-37.5	-14.0
October	21.8	10.7	3.8	9.3	9.3	12.4	0.0	8.0	11.4
November	5.4	-6.1	10.5	-1.8	10.3	4.3	-21.1	23.5	3.0
December	-21.6	-10.4	-22.2	-8.5	-23.4	-7.6	-6.7	7.0	-17.4
<b>2002</b>									
January	-5.0	-15.7	6.3	-4.6	3.8	14.6	46.4	-46.7	-4.8
February	3.4	30.3	20.3	15.4	2.6	-24.4	7.3	19.3	14.9
March	-8.5	-3.3	-8.8	-1.8	-12.5	22.1	6.8	113.2	-5.7
April	14.4	9.2	-4.1	-7.3	16.5	-17.5	-19.1	-32.4	5.6
May	15.5	6.7	19.2	14.0	14.3	13.1	-21.1	28.6	13.1
June	-14.3	-14.9	-14.1	-10.4	-14.4	1.9	63.3	-36.5	-14.0
SEASONALLY ADJUSTED (% change from preceding month)									
<b>2001</b>									
April	6.5	0.8	15.0	10.3	15.2	n.a.	n.a.	n.a.	11.6
May	9.3	32.0	27.0	11.9	20.4	n.a.	n.a.	n.a.	18.8
June	15.1	-2.1	-0.1	7.4	1.4	n.a.	n.a.	n.a.	9.9
July	5.1	16.0	22.2	11.2	8.7	n.a.	n.a.	n.a.	10.2
August	6.1	14.3	-2.1	1.2	0.7	n.a.	n.a.	n.a.	10.7
September	2.2	-13.4	-6.7	0.6	3.3	n.a.	n.a.	n.a.	-7.6
October	6.3	11.2	0.8	1.4	-3.3	n.a.	n.a.	n.a.	2.3
November	3.1	-9.4	9.3	-2.1	2.8	n.a.	n.a.	n.a.	2.2
December	-9.6	-0.6	1.1	6.9	-7.5	n.a.	n.a.	n.a.	-3.4
<b>2002</b>									
January	-0.6	-2.1	1.0	1.5	12.2	n.a.	n.a.	n.a.	0.2
February	-2.6	-1.2	0.3	-1.9	-1.0	n.a.	n.a.	n.a.	-0.5
March	-3.6	2.9	-4.7	-4.6	-4.8	n.a.	n.a.	n.a.	-3.0
April	5.6	8.7	-2.6	1.9	-4.8	n.a.	n.a.	n.a.	-1.1
May	-2.8	3.1	3.3	1.8	3.6	n.a.	n.a.	n.a.	3.3
June	14.7	-7.4	-4.3	-5.0	-1.5	n.a.	n.a.	n.a.	3.5
TREND ESTIMATES (% change from preceding month)									
<b>2001</b>									
April	4.9	6.6	11.3	9.3	8.2	n.a.	n.a.	n.a.	7.0
May	7.6	9.3	12.8	11.0	9.7	n.a.	n.a.	n.a.	9.1
June	9.2	10.7	11.5	10.1	9.4	n.a.	n.a.	n.a.	9.5
July	9.5	9.6	8.7	7.9	7.3	n.a.	n.a.	n.a.	8.3
August	8.0	6.8	5.5	5.3	4.5	n.a.	n.a.	n.a.	6.0
September	5.3	3.1	3.0	3.4	2.2	n.a.	n.a.	n.a.	3.4
October	2.2	-0.5	1.7	2.1	0.7	n.a.	n.a.	n.a.	1.1
November	-0.3	-2.6	1.1	1.0	0.0	n.a.	n.a.	n.a.	-0.7
December	-2.2	-2.7	1.0	0.5	-0.2	n.a.	n.a.	n.a.	-1.6
<b>2002</b>									
January	-2.6	-1.2	0.7	0.4	-0.1	n.a.	n.a.	n.a.	-1.3
February	-2.1	0.8	-0.1	-0.1	-0.4	n.a.	n.a.	n.a.	-0.9
March	-0.7	1.7	-1.1	-0.6	-0.7	n.a.	n.a.	n.a.	-0.5
April	0.7	2.0	-1.4	-0.9	-1.0	n.a.	n.a.	n.a.	-0.1
May	1.5	1.9	-1.4	-0.9	-1.1	n.a.	n.a.	n.a.	0.2
June	2.3	1.4	-1.2	-1.1	-0.7	n.a.	n.a.	n.a.	0.6

## TOTAL DWELLINGS APPROVED, By Capital City Statistical Division(a)

	Sydney	Melbourne	Brisbane	Adelaide	Perth	Greater Hobart	Darwin(a)	Canberra
Month	no.	no.	no.	no.	no.	no.	no.	no.
PRIVATE SECTOR								
<b>1999-2000</b>	33 020	38 611	15 579	6 847	16 052	813	932	2 317
<b>2000-01</b>	21 877	27 514	11 624	4 792	10 701	490	436	1 640
<b>2001-02</b>	31 278	36 710	15 840	6 900	14 464	818	607	2 155
<b>2001</b>								
June	2 102	2 490	1 183	520	1 183	50	46	285
July	2 501	2 706	1 201	660	1 223	54	70	182
August	2 379	4 549	1 281	553	1 427	60	43	121
September	2 788	3 290	1 208	550	1 167	77	42	81
October	3 716	3 236	1 349	556	1 241	66	65	387
November	2 920	2 618	1 322	559	1 407	71	36	378
December	2 072	2 872	1 105	669	994	63	23	180
<b>2002</b>								
January	2 271	2 661	1 122	499	1 148	54	38	57
February	1 873	2 780	1 270	550	1 135	80	43	97
March	2 247	2 528	1 975	512	965	79	89	163
April	3 150	3 364	1 128	697	1 165	75	49	166
May	3 327	3 152	1 332	640	1 416	79	32	248
June	2 034	2 954	1 547	455	1 176	60	77	95
PUBLIC SECTOR								
<b>1999-2000</b>	647	629	256	87	777	21	119	55
<b>2000-01</b>	701	374	326	75	689	16	228	107
<b>2001-02</b>	482	622	234	297	542	69	20	75
<b>2001</b>								
June	16	51	64	2	106	0	95	0
July	8	138	8	6	97	0	0	0
August	79	41	1	6	41	0	0	0
September	24	56	10	23	14	0	0	25
October	44	47	38	26	32	5	20	24
November	43	74	4	50	30	0	0	0
December	47	59	18	46	30	0	0	0
<b>2002</b>								
January	15	19	4	22	44	38	0	22
February	90	26	13	35	56	0	0	0
March	52	33	15	17	60	0	0	4
April	18	35	12	17	23	16	0	0
May	14	66	61	23	43	5	0	0
June	48	28	50	26	72	5	0	0
TOTAL								
<b>1999-2000</b>	33 667	39 240	15 835	6 934	16 829	834	1 051	2 372
<b>2000-01</b>	22 578	27 888	11 950	4 867	11 390	506	664	1 747
<b>2001-02</b>	31 760	37 332	16 074	7 197	15 006	887	627	2 230
<b>2001</b>								
June	2 118	2 541	1 247	522	1 289	50	141	285
July	2 509	2 844	1 209	666	1 320	54	70	182
August	2 458	4 590	1 282	559	1 468	60	43	121
September	2 812	3 346	1 218	573	1 181	77	42	106
October	3 760	3 283	1 387	582	1 273	71	85	411
November	2 963	2 692	1 326	609	1 437	71	36	378
December	2 119	2 931	1 123	715	1 024	63	23	180
<b>2002</b>								
January	2 286	2 680	1 126	521	1 192	92	38	79
February	1 963	2 806	1 283	585	1 191	80	43	97
March	2 299	2 561	1 990	529	1 025	79	89	167
April	3 168	3 399	1 140	714	1 188	91	49	166
May	3 341	3 218	1 393	663	1 459	84	32	248
June	2 082	2 982	1 597	481	1 248	65	77	95

(a) Refer to Explanatory Notes paragraph 24.

DWELLING UNITS APPROVED, By State: **Original**

<i>State/Territory</i>	<i>New houses</i>	<i>New other residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Conversion(a)</i>	<i>Non-residential building(a)</i>	<i>Total dwelling units</i>
<b>PRIVATE SECTOR</b>						
New South Wales	2 201	1 327	10	73	2	3 613
Victoria	2 917	1 005	17	8	3	3 950
Queensland	2 075	849	9	1	2	2 936
South Australia	714	56	2	1	3	776
Western Australia	1 335	177	2	61	0	1 575
Tasmania	158	6	2	0	0	166
Northern Territory	49	42	0	0	0	91
Australian Capital Territory	80	15	0	0	0	95
Australia	9 529	3 477	42	144	10	13 202
<b>PUBLIC SECTOR</b>						
New South Wales	0	48	0	0	0	48
Victoria	20	25	0	0	0	45
Queensland	22	155	0	0	0	177
South Australia	26	2	0	0	0	28
Western Australia	54	73	0	0	0	127
Tasmania	6	0	0	0	0	6
Northern Territory	31	0	0	0	0	31
Australian Capital Territory	0	0	0	0	0	0
Australia	159	303	0	0	0	462
<b>TOTAL</b>						
New South Wales	2 201	1 375	10	73	2	3 661
Victoria	2 937	1 030	17	8	3	3 995
Queensland	2 097	1 004	9	1	2	3 113
South Australia	740	58	2	1	3	804
Western Australia	1 389	250	2	61	0	1 702
Tasmania	164	6	2	0	0	172
Northern Territory	80	42	0	0	0	122
Australian Capital Territory	80	15	0	0	0	95
Australia	9 688	3 780	42	144	10	13 664

(a) See Glossary for definition.

## DWELLING UNITS APPROVED IN NEW RESIDENTIAL BUILDINGS(a): Original

## NEW OTHER RESIDENTIAL BUILDING.....

	New houses	Semi-detached, row or terrace houses, townhouses, etc. of			Flats, units or apartments in a building of				Total	Total new residential building
		One storey	Two or more storeys	Total	One or two storeys	Three storeys	Four or more storeys	Total		
NUMBER OF DWELLING UNITS										
<b>1999-2000</b>	123 173	10 445	12 910	23 355	5 400	4 846	16 627	26 873	50 228	173 401
<b>2000-01</b>	79 703	7 377	8 506	15 883	2 864	4 184	14 572	21 620	37 503	117 206
<b>2001-02</b>	120 622	8 968	10 431	19 399	3 256	4 779	19 859	27 894	47 293	167 915
<b>2001</b>										
April	6 245	601	695	1 296	207	315	954	1 476	2 772	9 017
May	9 111	821	1 056	1 877	326	642	1 216	2 184	4 061	13 172
June	8 585	618	692	1 310	442	300	1 259	2 001	3 311	11 896
July	9 764	827	1 015	1 842	287	347	999	1 633	3 475	13 239
August	11 154	985	811	1 796	358	509	2 078	2 945	4 741	15 895
September	9 670	639	893	1 532	257	323	1 941	2 521	4 053	13 723
October	10 775	637	952	1 589	279	676	2 299	3 254	4 843	15 618
November	11 053	823	881	1 704	275	348	1 708	2 331	4 035	15 088
December	9 122	647	931	1 578	221	196	1 178	1 595	3 173	12 295
<b>2002</b>										
January	8 770	662	710	1 372	201	329	1 376	1 906	3 278	12 048
February	10 028	495	662	1 157	300	465	880	1 645	2 802	12 830
March	9 427	653	762	1 415	217	388	1 637	2 242	3 657	13 084
April	9 958	881	1 073	1 954	192	507	2 462	3 161	5 115	15 073
May	11 213	929	811	1 740	243	498	1 860	2 601	4 341	15 554
June	9 688	790	930	1 720	426	193	1 441	2 060	3 780	13 468
VALUE (\$ million)										
<b>1999-2000</b>	15 702.0	872.2	1 347.0	2 219.1	500.0	506.8	2 798.0	3 804.7	6 023.6	21 725.6
<b>2000-01</b>	11 060.3	639.9	1 003.0	1 642.9	301.7	509.8	2 596.0	3 407.3	5 050.6	16 111.1
<b>2001-02</b>	17 526.2	861.0	1 376.1	2 236.9	347.7	663.2	3 663.6	4 674.6	6 911.8	24 438.1
<b>2001</b>										
April	875.9	54.9	88.9	143.9	26.5	33.3	167.3	227.1	370.9	1 246.9
May	1 266.8	75.4	114.8	190.2	40.5	75.5	213.1	329.0	519.3	1 786.1
June	1 194.4	52.4	88.0	140.5	52.1	35.5	253.0	340.7	481.1	1 675.6
July	1 411.2	78.4	129.7	208.1	29.5	47.1	163.7	240.3	448.4	1 859.6
August	1 595.3	97.2	99.6	196.8	30.8	69.2	546.5	646.4	843.3	2 438.6
September	1 375.0	64.4	129.6	194.0	27.9	60.6	366.4	454.9	648.9	2 023.8
October	1 525.5	56.4	107.2	163.5	30.3	83.9	387.1	501.4	664.9	2 190.4
November	1 559.2	75.9	118.2	194.0	35.1	42.3	272.8	350.2	544.2	2 103.4
December	1 286.4	59.6	118.5	178.1	24.3	27.1	206.5	257.9	436.0	1 722.5
<b>2002</b>										
January	1 265.5	60.3	96.1	156.3	27.8	35.3	245.9	309.0	465.4	1 730.9
February	1 464.9	44.9	91.7	136.5	29.9	55.9	209.4	295.3	431.8	1 896.7
March	1 381.3	60.8	96.0	156.9	23.0	58.1	269.4	350.5	507.4	1 888.7
April	1 490.9	95.6	150.9	246.6	19.8	77.1	428.9	525.7	772.3	2 263.2
May	1 675.0	95.0	117.5	212.5	18.8	74.3	317.6	410.8	623.3	2 298.4
June	1 496.0	72.5	121.1	193.6	50.5	32.3	249.4	332.2	525.9	2 021.9

(a) See Glossary for definition.

## VALUE OF BUILDING APPROVED, Chain Volume Measures(a)

Period	New houses	New other residential building	New residential building	Alterations and additions to residential buildings(b)	Total residential building	Non-residential building	Total building
ORIGINAL (\$ million)							
<b>1998-99</b>	13 440.7	5 253.9	18 694.1	3 104.6	21 798.6	12 977.9	34 827.6
<b>1999-2000</b>	15 701.9	6 023.6	21 725.5	3 541.3	25 266.8	12 189.4	37 456.3
<b>2000-01</b>	9 754.9	4 706.2	14 461.1	2 894.3	17 355.4	12 776.2	30 131.6
<b>2000</b>							
December	2 300.2	1 256.1	3 556.4	727.1	4 283.5	2 893.5	7 177.0
<b>2001</b>							
March	2 303.9	1 090.2	3 394.1	700.8	4 094.9	3 341.3	7 436.2
June	2 936.2	1 284.8	4 221.0	791.3	5 012.2	3 358.9	8 371.2
September	3 807.7	1 786.7	5 594.4	850.2	6 444.6	3 007.0	9 451.6
December	3 760.2	1 515.1	5 275.3	835.0	6 110.3	3 353.3	9 463.6
<b>2002</b>							
March	3 521.5	1 277.7	4 799.2	780.4	5 579.6	3 189.4	8 769.0
SEASONALLY ADJUSTED (\$ million)							
<b>2000</b>							
December	2 320.6	1 152.6	3 473.1	750.0	4 223.1	3 090.7	7 313.8
<b>2001</b>							
March	2 386.4	1 112.2	3 498.6	716.5	4 215.1	3 254.8	7 469.9
June	2 901.8	1 364.7	4 266.5	775.2	5 041.7	3 267.1	8 308.8
September	3 714.0	1 806.9	5 520.9	832.1	6 353.0	3 042.2	9 395.2
December	3 752.1	1 298.6	5 050.7	849.7	5 900.4	3 514.6	9 415.0
<b>2002</b>							
March	3 789.4	1 382.6	5 172.0	825.3	5 997.3	3 230.7	9 228.0
TREND ESTIMATES (\$ million)							
<b>2000</b>							
December	2 177.2	1 082.6	3 259.9	705.6	3 965.5	3 209.1	7 175.6
<b>2001</b>							
March	2 455.5	1 204.2	3 659.8	731.0	4 390.8	3 175.7	7 566.0
June	2 997.0	1 420.0	4 417.0	781.8	5 198.8	3 209.8	8 408.6
September	3 458.5	1 516.4	4 973.3	816.0	5 792.0	3 251.0	9 050.5
December	3 761.7	1 485.3	5 246.5	839.2	6 087.0	3 292.5	9 382.9
<b>2002</b>							
March	3 918.5	1 388.7	5 298.2	843.6	6 127.7	3 321.5	9 420.5
TREND ESTIMATES (% change from preceding quarter)							
<b>2000</b>							
December	-11.7	-11.7	-11.7	-4.1	-10.4	1.6	-5.4
<b>2001</b>							
March	12.8	11.2	12.3	3.6	10.7	-1.0	5.4
June	22.1	17.9	20.7	6.9	18.4	1.1	11.1
September	15.4	6.8	12.6	4.4	11.4	1.3	7.6
December	8.8	-2.1	5.5	2.9	5.1	1.3	3.7
<b>2002</b>							
March	4.2	-6.5	1.0	0.5	0.7	0.9	0.4

(a) Reference year for chain volume measures is 1999–2000.  
Refer to Explanatory Notes paragraph 23.

(b) Refer to Explanatory Notes paragraph 14.

## VALUE OF TOTAL BUILDING APPROVED, States and Australia(a)

Reference Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL (\$ million)									
<b>2001</b>									
April	671.0	791.2	399.8	107.6	524.4	21.8	33.8	38.0	2 587.6
May	926.7	1 172.4	700.2	191.8	377.7	45.6	55.8	53.1	3 523.4
June	892.9	799.6	632.5	139.3	291.0	24.5	47.1	66.1	2 893.1
July	1 199.0	951.5	569.4	160.1	307.3	26.4	22.4	81.9	3 318.0
August	1 106.7	1 493.5	580.9	221.7	341.0	32.4	22.2	33.4	3 831.7
September	1 080.0	961.4	620.0	158.6	284.8	38.1	24.2	38.4	3 205.5
October	1 252.9	1 229.2	582.2	199.6	353.6	51.4	24.8	87.0	3 780.8
November	1 206.2	1 028.8	666.9	173.8	367.2	35.9	17.0	69.3	3 565.1
December	979.8	1 100.9	475.8	163.7	246.8	46.6	23.7	53.5	3 090.8
<b>2002</b>									
January	976.7	894.8	521.7	172.9	302.6	42.0	18.2	21.9	2 950.8
February	1 034.5	1 251.5	686.3	182.2	275.6	31.8	66.8	32.3	3 561.0
March	836.6	1 009.7	774.6	186.2	256.8	37.4	30.6	85.6	3 217.5
April	1 360.1	1 315.0	741.6	180.6	352.6	27.5	24.3	45.2	4 046.9
May	1 327.4	1 211.1	701.8	189.0	397.4	36.0	15.1	50.9	3 928.8
June	855.5	1 035.7	678.5	173.6	331.9	35.7	31.9	34.4	3 177.2
SEASONALLY ADJUSTED (\$ million)									
<b>2001</b>									
April	723.3	823.9	411.6	129.8	594.1	n.a.	n.a.	n.a.	2 708.5
May	851.3	1 122.6	639.5	175.8	307.6	n.a.	n.a.	n.a.	3 310.9
June	904.3	896.5	589.2	147.9	283.3	n.a.	n.a.	n.a.	2 962.3
July	1 033.9	1 109.0	562.0	144.1	298.0	n.a.	n.a.	n.a.	3 180.5
August	1 007.2	1 407.5	574.6	186.2	319.2	n.a.	n.a.	n.a.	3 640.0
September	1 187.0	976.9	632.2	158.2	299.5	n.a.	n.a.	n.a.	3 451.3
October	1 113.2	1 180.6	589.7	194.8	315.0	n.a.	n.a.	n.a.	3 520.8
November	1 187.6	1 018.3	533.8	176.8	329.7	n.a.	n.a.	n.a.	3 460.3
December	1 104.9	1 050.2	638.7	179.7	305.6	n.a.	n.a.	n.a.	3 383.7
<b>2002</b>									
January	1 067.9	1 031.4	573.3	217.3	332.9	n.a.	n.a.	n.a.	3 298.7
February	1 040.0	1 130.6	758.6	183.9	311.8	n.a.	n.a.	n.a.	3 471.1
March	1 032.1	1 026.4	738.5	184.3	298.6	n.a.	n.a.	n.a.	3 473.0
April	1 377.4	1 232.4	701.5	199.1	328.5	n.a.	n.a.	n.a.	3 802.3
May	1 248.3	1 192.4	635.7	178.1	331.1	n.a.	n.a.	n.a.	3 714.2
June	874.6	1 168.3	700.8	181.7	345.9	n.a.	n.a.	n.a.	3 400.6
TREND (\$ million)									
<b>2001</b>									
April	784.5	903.6	484.1	130.5	276.8	n.a.	n.a.	n.a.	2 752.4
May	813.9	931.0	508.6	139.1	283.4	n.a.	n.a.	n.a.	2 847.6
June	876.3	964.4	540.9	149.0	289.2	n.a.	n.a.	n.a.	2 978.9
July	963.6	998.1	570.5	158.0	295.4	n.a.	n.a.	n.a.	3 128.0
August	1 052.2	1 024.7	585.2	166.0	302.6	n.a.	n.a.	n.a.	3 263.4
September	1 114.4	1 045.8	587.0	173.6	310.6	n.a.	n.a.	n.a.	3 364.2
October	1 135.9	1 057.2	587.6	180.6	316.6	n.a.	n.a.	n.a.	3 419.4
November	1 125.4	1 056.8	597.8	186.3	318.3	n.a.	n.a.	n.a.	3 427.5
December	1 113.3	1 059.1	620.7	190.5	317.2	n.a.	n.a.	n.a.	3 429.6
<b>2002</b>									
January	1 112.1	1 070.1	648.8	192.3	316.2	n.a.	n.a.	n.a.	3 446.8
February	1 120.0	1 090.7	674.4	192.3	316.7	n.a.	n.a.	n.a.	3 484.1
March	1 131.9	1 116.9	692.7	190.7	318.9	n.a.	n.a.	n.a.	3 535.0
April	1 137.3	1 146.6	700.8	188.3	323.1	n.a.	n.a.	n.a.	3 581.0
May	1 130.2	1 174.6	702.4	186.1	328.4	n.a.	n.a.	n.a.	3 610.4
June	1 117.7	1 193.8	696.3	183.2	334.8	n.a.	n.a.	n.a.	3 626.3

(a) Refer to Explanatory Notes paragraph 8.

## VALUE OF TOTAL BUILDING APPROVED, States and Australia-Percentage Change(a)

Reference Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL (% change from preceding month)									
<b>2001</b>									
April	1.2	-31.6	-19.4	-51.8	72.3	0.4	5.5	12.7	-11.7
May	38.1	48.2	75.1	78.4	-28.0	109.0	65.3	39.6	36.2
June	-3.6	-31.8	-9.7	-27.4	-22.9	-46.3	-15.7	24.4	-17.9
July	34.3	19.0	-10.0	14.9	5.6	7.7	-52.5	24.0	14.7
August	-7.7	57.0	2.0	38.4	10.9	22.8	-0.7	-59.2	15.5
September	-2.4	-35.6	6.7	-28.4	-16.5	17.6	8.8	15.1	-16.3
October	16.0	27.9	-6.1	25.8	24.2	35.0	2.7	126.4	17.9
November	-3.7	-16.3	14.6	-12.9	3.8	-30.1	-31.6	-20.3	-5.7
December	-18.8	7.0	-28.7	-5.8	-32.8	29.7	39.6	-22.9	-13.3
<b>2002</b>									
January	-0.3	-18.7	9.6	5.6	22.6	-9.8	-23.3	-59.0	-4.5
February	5.9	39.9	31.6	5.4	-8.9	-24.3	268.2	47.1	20.7
March	-19.1	-19.3	12.9	2.2	-6.8	17.7	-54.2	165.2	-9.6
April	62.6	30.2	-4.3	-3.0	37.3	-26.3	-20.7	-47.1	25.8
May	-2.4	-7.9	-5.4	4.7	12.7	30.6	-37.7	12.6	-2.9
June	-35.6	-14.5	-3.3	-8.1	-16.5	-0.7	110.9	-32.5	-19.1
SEASONALLY ADJUSTED (% change from preceding month)									
<b>2001</b>									
April	-5.5	-21.3	-14.3	-37.2	92.1	n.a.	n.a.	n.a.	-7.4
May	17.7	36.2	55.4	35.4	-48.2	n.a.	n.a.	n.a.	22.2
June	6.2	-20.1	-7.9	-15.9	-7.9	n.a.	n.a.	n.a.	-10.5
July	14.3	23.7	-4.6	-2.6	5.2	n.a.	n.a.	n.a.	7.4
August	-2.6	26.9	2.2	29.2	7.1	n.a.	n.a.	n.a.	14.4
September	17.9	-30.6	10.0	-15.0	-6.2	n.a.	n.a.	n.a.	-5.2
October	-6.2	20.8	-6.7	23.1	5.2	n.a.	n.a.	n.a.	2.0
November	6.7	-13.7	-9.5	-9.2	4.7	n.a.	n.a.	n.a.	-1.7
December	-7.0	3.1	19.6	1.6	-7.3	n.a.	n.a.	n.a.	-2.2
<b>2002</b>									
January	-3.3	-1.8	-10.2	20.9	8.9	n.a.	n.a.	n.a.	-2.5
February	-2.6	9.6	32.3	-15.4	-6.3	n.a.	n.a.	n.a.	5.2
March	-0.8	-9.2	-2.6	0.2	-4.2	n.a.	n.a.	n.a.	0.1
April	33.5	20.1	-5.0	8.1	10.0	n.a.	n.a.	n.a.	9.5
May	-9.4	-3.2	-9.4	-10.6	0.8	n.a.	n.a.	n.a.	-2.3
June	-29.9	-2.0	10.2	2.0	4.5	n.a.	n.a.	n.a.	-8.4
TREND ESTIMATES (% change from preceding month)									
<b>2001</b>									
April	-0.2	2.8	1.4	4.7	3.4	n.a.	n.a.	n.a.	2.2
May	3.7	3.0	5.1	6.6	2.4	n.a.	n.a.	n.a.	3.5
June	7.7	3.6	6.3	7.1	2.0	n.a.	n.a.	n.a.	4.6
July	10.0	3.5	5.5	6.1	2.1	n.a.	n.a.	n.a.	5.0
August	9.2	2.7	2.6	5.0	2.4	n.a.	n.a.	n.a.	4.3
September	5.9	2.1	0.3	4.6	2.6	n.a.	n.a.	n.a.	3.1
October	1.9	1.1	0.1	4.0	1.9	n.a.	n.a.	n.a.	1.6
November	-0.9	0.0	1.7	3.2	0.5	n.a.	n.a.	n.a.	0.2
December	-1.1	0.2	3.8	2.2	-0.3	n.a.	n.a.	n.a.	0.1
<b>2002</b>									
January	-0.1	1.0	4.5	0.9	-0.3	n.a.	n.a.	n.a.	0.5
February	0.7	1.9	3.9	0.0	0.1	n.a.	n.a.	n.a.	1.1
March	1.1	2.4	2.7	-0.8	0.7	n.a.	n.a.	n.a.	1.5
April	0.5	2.7	1.2	-1.2	1.3	n.a.	n.a.	n.a.	1.3
May	-0.6	2.4	0.2	-1.2	1.6	n.a.	n.a.	n.a.	0.8
June	-1.1	1.6	-0.9	-1.6	2.0	n.a.	n.a.	n.a.	0.4

(a) Refer to Explanatory Notes paragraph 8.

## VALUE OF NON-RESIDENTIAL BUILDING APPROVED, States and Australia

Reference Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania(a)	Northern Territory(a)	Australian Capital Territory(a)	Australia
ORIGINAL (\$ million)									
<b>2001</b>									
April	217.1	346.9	97.3	40.5	339.4	11.0	7.6	19.8	1 079.6
May	273.3	519.2	274.2	95.7	151.0	26.7	35.3	20.3	1 395.8
June	260.3	216.4	298.6	40.8	66.3	6.8	8.5	21.1	918.9
July	492.2	289.3	189.8	45.9	64.0	9.9	7.8	50.2	1 149.1
August	355.9	301.4	149.4	118.4	93.5	11.3	10.0	7.9	1 047.8
September	324.4	235.4	148.7	48.3	57.8	10.7	12.9	17.8	855.9
October	349.2	452.0	158.3	81.9	104.8	29.0	7.5	22.1	1 204.8
November	405.9	371.6	166.4	57.3	99.2	12.0	7.7	13.3	1 133.4
December	379.4	439.9	122.6	42.9	56.8	27.4	16.2	23.6	1 108.7
<b>2002</b>									
January	332.8	248.7	169.4	73.0	88.2	8.2	5.7	4.5	930.6
February	444.9	527.5	196.9	59.6	53.1	11.8	52.7	10.6	1 357.2
March	201.8	365.5	243.1	74.9	47.6	13.2	12.4	54.3	1 012.9
April	464.7	531.0	287.9	53.1	95.2	7.0	9.6	16.2	1 464.6
May	390.4	427.4	170.3	53.1	125.9	11.6	5.8	10.5	1 195.1
June	182.7	299.7	164.0	61.1	80.9	14.0	11.1	13.5	826.9
TREND (\$ million)									
<b>2001</b>									
April	275.8	355.2	180.2	51.7	86.8	n.a.	n.a.	n.a.	1 073.5
May	259.2	342.5	179.8	54.8	80.3	n.a.	n.a.	n.a.	1 034.9
June	261.8	318.0	183.2	58.6	71.9	n.a.	n.a.	n.a.	993.6
July	288.1	296.2	185.0	61.5	65.6	n.a.	n.a.	n.a.	972.0
August	326.8	286.1	179.4	63.5	64.4	n.a.	n.a.	n.a.	977.2
September	362.2	294.2	170.5	65.2	68.8	n.a.	n.a.	n.a.	1 014.4
October	386.1	317.3	163.7	66.7	75.8	n.a.	n.a.	n.a.	1 073.5
November	397.1	344.0	165.8	68.0	80.6	n.a.	n.a.	n.a.	1 126.1
December	403.8	370.4	179.1	68.4	83.1	n.a.	n.a.	n.a.	1 167.4
<b>2002</b>									
January	404.8	388.5	194.8	67.5	83.8	n.a.	n.a.	n.a.	1 184.9
February	395.7	395.6	205.7	65.9	83.1	n.a.	n.a.	n.a.	1 175.8
March	376.6	398.5	209.5	63.6	82.2	n.a.	n.a.	n.a.	1 150.7
April	352.1	403.1	204.9	61.3	82.6	n.a.	n.a.	n.a.	1 121.5
May	322.6	405.7	195.9	59.6	83.9	n.a.	n.a.	n.a.	1 087.1
June	294.5	405.7	178.4	58.3	86.2	n.a.	n.a.	n.a.	1 050.5

(a) Seasonally adjusted data is not available due to the volatility of the data. Also refer to Explanatory Notes paragraph 8.



## VALUE OF NON-RESIDENTIAL BUILDING APPROVED, States and Australia–Percentage Change(a)

Reference Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL (% change from preceding month)									
<b>2001</b>									
April	2.1	-30.8	-57.7	-71.5	141.3	36.2	-60.5	9.7	-15.2
May	25.9	49.7	182.0	136.3	-55.5	142.4	362.6	2.8	29.3
June	-4.7	-58.3	8.9	-57.3	-56.1	-74.7	-75.8	3.7	-34.2
July	89.1	33.7	-36.4	12.4	-3.6	46.8	-9.2	138.0	25.0
August	-27.7	4.2	-21.3	158.0	46.1	13.8	28.7	-84.2	-8.8
September	-8.8	-21.9	-0.5	-59.2	-38.1	-5.3	28.9	123.5	-18.3
October	7.6	92.1	6.5	69.6	81.3	171.0	-41.9	24.7	40.8
November	16.2	-17.8	5.1	-30.1	-5.3	-58.4	2.1	-40.0	-5.9
December	-6.5	18.4	-26.3	-25.2	-42.8	127.2	111.4	78.1	-2.2
<b>2002</b>									
January	-12.3	-43.5	38.2	70.4	55.3	-70.1	-64.5	-80.8	-16.1
February	33.7	112.1	16.3	-18.3	-39.8	43.9	818.2	134.3	45.8
March	-54.6	-30.7	23.5	25.6	-10.4	12.0	-76.4	411.3	-25.4
April	130.3	45.3	18.4	-29.1	100.0	-47.3	-22.4	-70.2	44.6
May	-16.0	-19.5	-40.8	0.1	32.3	66.5	-39.3	-35.2	-18.4
June	-53.2	-29.9	-3.7	15.0	-35.8	20.6	89.5	28.7	-30.8
TREND ESTIMATES (% change from preceding month)									
<b>2001</b>									
April	-9.1	2.3	-5.8	4.1	-1.6	n.a.	n.a.	n.a.	-2.1
May	-6.0	-3.6	-0.2	6.0	-7.5	n.a.	n.a.	n.a.	-3.6
June	1.0	-7.1	1.9	6.9	-10.5	n.a.	n.a.	n.a.	-4.0
July	10.1	-6.9	1.0	5.0	-8.7	n.a.	n.a.	n.a.	-2.2
August	13.4	-3.4	-3.1	3.3	-1.8	n.a.	n.a.	n.a.	0.5
September	10.8	2.8	-5.0	2.5	6.8	n.a.	n.a.	n.a.	3.8
October	6.6	7.9	-4.0	2.3	10.2	n.a.	n.a.	n.a.	5.8
November	2.8	8.4	1.3	2.1	6.4	n.a.	n.a.	n.a.	4.9
December	1.7	7.7	8.1	0.6	3.0	n.a.	n.a.	n.a.	3.7
<b>2002</b>									
January	0.2	4.9	8.8	-1.4	0.9	n.a.	n.a.	n.a.	1.5
February	-2.3	1.8	5.6	-2.3	-0.8	n.a.	n.a.	n.a.	-0.8
March	-4.8	0.7	1.8	-3.5	-1.0	n.a.	n.a.	n.a.	-2.1
April	-6.5	1.1	-2.2	-3.6	0.4	n.a.	n.a.	n.a.	-2.5
May	-8.4	0.7	-4.4	-2.8	1.7	n.a.	n.a.	n.a.	-3.1
June	-8.7	0.0	-9.0	-2.1	2.7	n.a.	n.a.	n.a.	-3.4

(a) Seasonally adjusted data is not available due to the volatility of the data. Also refer to Explanatory Notes paragraph 8.

## VALUE OF BUILDING APPROVED, By State: Original(a)

<i>State/Territory</i>	<i>New houses</i>	<i>New other residential building</i>	<i>Alterations and additions creating dwellings</i>	<i>Alterations and additions not creating dwellings</i>	<i>Conversion(b)</i>	<i>Total residential building</i>	<i>Non-residential building(a)</i>	<i>Total building</i>
<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>	<i>\$m</i>
PRIVATE SECTOR								
New South Wales	372.3	183.1	1.2	101.3	8.2	666.1	127.8	793.9
Victoria	476.0	155.8	2.7	89.1	0.6	724.1	247.5	971.6
Queensland	318.1	114.9	0.6	54.0	0.0	487.6	138.7	626.3
South Australia	86.7	5.6	0.5	16.7	0.1	109.5	57.4	166.9
Western Australia	182.6	23.5	0.2	17.7	13.2	237.1	55.8	292.9
Tasmania	16.6	0.5	0.2	3.7	0.0	21.0	6.1	27.1
Northern Territory	8.3	4.3	0.0	1.6	0.0	14.2	10.4	24.5
Australian Capital Territory	13.4	1.9	0.0	5.6	0.0	20.8	6.0	26.9
Australia	1 473.8	489.5	5.4	289.7	22.0	2 280.4	649.7	2 930.2
PUBLIC SECTOR								
New South Wales	0.0	4.9	0.0	1.8	0.0	6.7	54.9	61.6
Victoria	3.0	2.7	0.0	6.2	0.0	11.9	52.1	64.0
Queensland	3.4	22.1	0.0	1.4	0.0	26.9	25.3	52.2
South Australia	2.5	0.1	0.0	0.4	0.0	3.0	3.7	6.7
Western Australia	7.4	6.4	0.0	0.1	0.0	13.9	25.1	39.0
Tasmania	0.8	0.0	0.0	0.0	0.0	0.8	7.9	8.6
Northern Territory	5.2	0.0	0.0	1.5	0.0	6.7	0.7	7.4
Australian Capital Territory	0.0	0.0	0.0	0.0	0.0	0.0	7.5	7.5
Australia	22.2	36.3	0.0	11.3	0.0	69.9	177.2	247.0
TOTAL								
New South Wales	372.3	188.0	1.2	103.1	8.2	672.8	182.7	855.5
Victoria	478.9	158.5	2.7	95.3	0.6	736.0	299.7	1 035.7
Queensland	321.5	137.0	0.6	55.4	0.0	514.5	164.0	678.5
South Australia	89.2	5.7	0.5	17.1	0.1	112.6	61.1	173.6
Western Australia	190.0	29.9	0.2	17.8	13.2	251.1	80.9	331.9
Tasmania	17.3	0.5	0.2	3.7	0.0	21.7	14.0	35.7
Northern Territory	13.5	4.3	0.0	3.1	0.0	20.8	11.1	31.9
Australian Capital Territory	13.4	1.9	0.0	5.6	0.0	20.8	13.5	34.4
Australia	1 496.0	525.9	5.4	301.0	22.0	2 350.3	826.9	3 177.2

(a) Refer to Explanatory Notes paragraph 8.

(b) See Glossary for definition.

VALUE OF NON-RESIDENTIAL BUILDING APPROVED, By State: **Original(a)**

State/Territory	<i>Hotels, motels and other short term accommodation</i>	<i>Shops</i>	<i>Factories</i>	<i>Offices</i>	<i>Other business premises</i>	<i>Educational</i>	<i>Religious</i>	<i>Health</i>	<i>Entertainment and recreational</i>	<i>Miscellaneous</i>	<i>Total non-residential building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
PRIVATE SECTOR											
New South Wales	3.2	21.3	14.2	40.3	15.2	10.2	1.8	8.9	7.9	4.7	127.8
Victoria	4.0	63.6	25.8	47.0	47.3	25.3	0.1	8.9	9.5	16.2	247.5
Queensland	6.2	37.6	9.4	16.0	28.8	19.1	0.0	5.5	1.7	14.3	138.7
South Australia	28.1	6.0	1.3	4.7	6.2	3.7	0.4	5.5	0.3	1.1	57.4
Western Australia	1.0	11.1	6.0	10.6	10.6	4.1	0.3	2.5	8.5	1.1	55.8
Tasmania	0.4	2.2	0.7	0.3	0.2	0.0	0.0	2.1	0.1	0.2	6.1
Northern Territory	0.0	4.8	0.0	1.1	4.3	0.1	0.0	0.0	0.0	0.0	10.4
Australian Capital Territory	0.1	0.4	0.0	1.1	2.6	0.4	0.2	0.0	1.3	0.0	6.0
Australia	43.0	147.0	57.4	121.1	115.3	63.0	2.7	33.3	29.3	37.6	649.7
PUBLIC SECTOR											
New South Wales	0.0	0.6	0.0	13.3	14.0	17.3	0.0	2.7	3.1	4.0	54.9
Victoria	0.0	0.2	0.3	9.5	2.2	14.3	0.0	3.5	4.0	18.2	52.1
Queensland	0.0	0.5	0.0	6.6	1.0	12.1	0.0	0.0	4.8	0.3	25.3
South Australia	0.0	0.1	0.0	0.4	0.2	0.4	0.0	0.0	0.0	2.6	3.7
Western Australia	0.0	0.0	0.0	2.5	0.7	15.2	0.0	0.3	3.3	3.0	25.1
Tasmania	0.0	0.0	0.0	2.2	0.1	2.2	0.0	3.3	0.1	0.1	7.9
Northern Territory	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.7
Australian Capital Territory	0.0	0.0	0.0	1.9	0.2	0.9	0.0	1.3	0.0	3.2	7.5
Australia	0.0	1.3	0.3	36.3	18.7	62.8	0.0	11.1	15.2	31.5	177.2
TOTAL											
New South Wales	3.2	21.9	14.2	53.6	29.2	27.5	1.8	11.6	11.0	8.8	182.7
Victoria	4.0	63.8	26.0	56.5	49.5	39.6	0.1	12.4	13.4	34.4	299.7
Queensland	6.2	38.1	9.4	22.6	29.9	31.3	0.0	5.5	6.5	14.6	164.0
South Australia	28.1	6.1	1.3	5.2	6.4	4.1	0.4	5.5	0.3	3.7	61.1
Western Australia	1.0	11.1	6.0	13.1	11.3	19.3	0.3	2.8	11.8	4.1	80.9
Tasmania	0.4	2.2	0.7	2.5	0.3	2.2	0.0	5.4	0.1	0.3	14.0
Northern Territory	0.0	4.8	0.0	1.1	4.5	0.6	0.0	0.0	0.0	0.0	11.1
Australian Capital Territory	0.1	0.4	0.0	3.0	2.8	1.3	0.2	1.3	1.3	3.2	13.5
Australia	43.0	148.4	57.6	157.5	133.9	125.9	2.7	44.4	44.4	69.1	826.9

(a) Refer to Explanatory Notes paragraph 8.

NON-RESIDENTIAL BUILDING APPROVED, Jobs By Value Range: **Original(a)**

Period	<i>Hotels, motels and other short term accommodation....</i>		<i>Shops.....</i>		<i>Factories.....</i>		<i>Offices.....</i>		<i>Other business premises.....</i>		<i>Educational.....</i>	
	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
Value—\$50,000–\$199,999												
<b>2002</b>												
April	18	1.8	299	27.6	42	4.7	139	13.6	125	11.5	54	5.6
May	41	4.4	249	23.0	60	5.9	183	18.2	140	12.6	87	8.1
June	25	2.5	238	21.8	53	5.1	147	14.3	119	10.8	82	8.4
Value—\$200,000–\$499,999												
<b>2002</b>												
April	10	3.7	64	19.1	42	12.7	58	17.1	54	16.8	31	10.6
May	15	5.1	96	27.7	50	16.0	77	22.6	67	20.9	38	12.3
June	8	1.9	61	18.5	35	11.8	56	17.2	64	19.4	32	10.1
Value—\$500,000–\$999,999												
<b>2002</b>												
April	0	0.0	24	16.8	16	9.9	35	23.5	23	14.6	14	10.3
May	9	6.1	29	20.2	19	12.7	29	20.7	35	24.0	23	16.3
June	5	3.1	27	17.2	22	14.8	29	20.0	17	12.6	21	16.0
Value—\$1,000,000–\$4,999,999												
<b>2002</b>												
April	3	7.3	16	28.6	8	16.1	18	38.8	27	59.6	29	61.5
May	9	20.1	24	41.2	19	29.2	29	54.6	35	77.9	23	44.2
June	4	8.1	35	73.5	12	20.9	29	59.5	23	56.6	26	52.4
Value—\$5,000,000 and over												
<b>2002</b>												
April	1	22.5	3	40.0	2	19.0	7	319.8	4	42.9	4	33.0
May	2	21.1	4	25.2	0	0.0	6	61.3	10	140.3	9	127.0
June	1	27.4	2	17.4	1	5.0	6	46.6	3	34.5	5	39.0
Value—Total												
<b>1999-2000</b>	767	753.4	5 342	2 360.2	2 147	979.9	3 643	1 935.2	3 391	1 783.5	1 553	1 492.7
<b>2000-01</b>	502	475.1	4 751	2 139.5	1 685	790.5	3 655	2 635.8	2 758	1 663.5	1 744	1 995.4
<b>2001-02</b>	595	588.0	4 753	1 961.7	1 473	776.7	3 300	2 997.1	2 858	1 913.1	2 092	1 973.0
<b>2002</b>												
April	32	35.3	406	132.1	110	62.4	257	412.9	233	145.4	132	121.0
May	76	56.8	402	137.4	148	63.7	324	177.4	287	275.6	180	207.8
June	43	43.0	363	148.4	123	57.6	267	157.5	226	133.9	166	125.9

(a) Refer to Explanatory Notes paragraph 8.

NON-RESIDENTIAL BUILDING APPROVED, Jobs By Value Range: **Original(a)** *continued*

Period	Religious.....		Health.....		Entertainment and recreational....		Miscellaneous.....		Total non- residential building.....	
	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
Value—\$50,000–\$199,999										
<b>2002</b>										
April	7	0.9	29	2.8	30	3.3	60	5.9	803	77.8
May	8	0.6	30	3.5	42	4.8	64	5.8	904	86.8
June	7	0.7	29	2.9	37	3.5	64	6.2	801	76.1
Value—\$200,000–\$499,999										
<b>2002</b>										
April	6	2.1	15	4.6	22	6.4	33	10.6	335	103.6
May	5	1.7	27	9.0	25	7.2	36	12.3	436	134.8
June	2	0.5	16	4.5	15	4.9	24	7.9	313	96.7
Value—\$500,000–\$999,999										
<b>2002</b>										
April	2	1.5	9	6.2	7	4.9	14	8.7	144	96.4
May	3	1.7	15	9.8	10	6.0	8	4.6	180	122.0
June	0	0.0	5	3.3	5	3.2	10	6.9	141	97.1
Value—\$1,000,000–\$4,999,999										
<b>2002</b>										
April	3	4.8	24	54.5	13	30.5	11	29.7	152	331.3
May	6	10.8	17	38.2	16	34.4	8	20.1	186	370.7
June	1	1.6	9	20.5	12	25.4	6	15.3	157	333.9
Value—\$5,000,000 and over										
<b>2002</b>										
April	0	0.0	5	293.1	2	12.0	3	73.1	31	855.4
May	1	10.0	5	52.4	4	31.0	2	12.5	43	480.9
June	0	0.0	2	13.2	1	7.4	5	32.7	26	223.1
Value—Total										
<b>1999-2000</b>	245	128.7	799	1 098.8	1 023	803.8	1 116	853.1	20 026	12 189.4
<b>2000-01</b>	219	105.0	733	1 315.8	944	919.4	1 080	807.2	18 071	12 847.3
<b>2001-02</b>	193	110.9	861	1 420.5	965	754.3	1 187	792.0	18 277	13 287.0
<b>2002</b>										
April	18	9.4	82	361.1	74	57.1	121	127.9	1 465	1 464.6
May	23	24.9	94	112.8	97	83.5	118	55.2	1 749	1 195.1
June	10	2.7	61	44.4	70	44.4	109	69.1	1 438	826.9

(a) Refer to Explanatory Notes paragraph 8.

## EXPLANATORY NOTES

### INTRODUCTION

**1** This publication presents monthly details of building work approved.

### SCOPE AND COVERAGE

**2** Statistics of building work approved are compiled from:

- permits issued by local government authorities and other principal certifying authorities;
- contracts let or day labour work authorised by Commonwealth, State, semi-government and local government authorities;
- major building approvals in areas not subject to normal administrative approval e.g. building on remote mine sites.

**3** The scope of the survey comprises the following:

- construction of new buildings;
- alterations and additions to existing buildings;
- approved non-structural renovation and refurbishment work;
- approved installation of integral building fixtures.

**4** Excluded from the statistics is construction activity not defined as building (e.g. roads, bridges, railways, earthworks, etc.). Statistics for this activity can be found in *Engineering Construction Activity, Australia* (Cat. no. 8762.0).

**5** From July 1990, the statistics include:

- all approved new residential building valued at \$10,000 or more;
- approved alterations and additions to residential building valued at \$10,000 or more;
- all approved non-residential building jobs valued at \$50,000 or more.

### VALUE DATA

**6** Statistics on the value of building work approved are derived by aggregating the estimated 'value of building work when completed' as reported on building approval documents provided to local councils or other building approval authorities. Conceptually these value data should exclude the value of land and landscaping but include site preparation costs. These estimates are usually a reliable indicator of the completed value of 'houses'. However, for 'other residential buildings' and 'non-residential buildings', they can differ significantly from the completed value of the building as final costs and contracts have not been established before council approval is sought and gained.

**7** The ABS generally accepts values provided by approving bodies. Every effort is made to ensure data are provided on a consistent basis, however, there may be instances where value reported does not reflect the building completion value. For example, the reported value for most project homes is the contract price, which may include the cost of site preparation and landscaping. In other cases where a builder is contracted to construct a dwelling based on the owner's plans, the value may only be the builder's costs. Some councils do not use the value on approval documents, instead deriving a value based on floor area and type of structure.

**8** From July 2000, value data includes the Goods and Services Tax (GST) for residential and non-residential building approvals. The ABS has consulted with councils and other approving authorities to ensure that approval values are reported inclusive of the GST. Where it was identified by a council or other approving authority that approvals submitted from its jurisdiction were on a GST-exclusive basis, the ABS made adjustments to the data to ensure that values were consistent with other data collected and were inclusive of GST.

## EXPLANATORY NOTES

### OWNERSHIP

**9** Building ownership is classified as either public or private sector and is based on the sector of intended owner of the completed building at the time of approval. Residential buildings constructed by private sector builders under government housing authority schemes are classified as public sector when the authority has contracted, or intends to contract, to purchase the building on or before completion.

### BUILDING CLASSIFICATION

**10** Building approvals are classified both by the Type of Building (e.g. 'house', 'factory') and by the Type of Work involved (e.g. 'new', 'alterations and additions' and 'conversions'). These classifications are often used in conjunction with each other in this publication and are defined in the Glossary.

**11** The Type of Building classification refers to the intended major function of a building. A building which is ancillary to other buildings or forms a part of a group of related buildings is classified to the function of the specific building, not to the function of the group as a whole.

**12** An example is the treatment of building work approved for a factory complex. For instance, a detached administration building would be classified to Offices, a detached cafeteria building to Shops, while the factory buildings would be classified to Factories. An exception to this rule is the treatment of group accommodation buildings. For example, a student accommodation building on a university campus would be classified to Education.

**13** In the case of a large multi-function building which, at the time of approval is intended to have more than one purpose (e.g. a hotel/shops/casino project), the ABS endeavours to split the approval details according to each main function. Where this is not possible because separate details cannot be obtained, the building is classified to the predominant function of the building on the basis of the function which represents the highest proportion of the total value of the project.

**14** The Type of Work classification refers to the building activity carried out. Conversion jobs are shown separately in tables 5, 6, 12 and 15. However, in other tables they are included within existing categories, as follows: in tables 1 and 2 they are included in the appropriate Type of Building category, and in tables 3, 4 and 14 they are included in the 'Alterations and additions to residential buildings' category.

### SEASONAL ADJUSTMENT

**15** Seasonal adjustment is a means of removing the estimated effects of seasonal variation from the series so that the effects of other influences can be more clearly recognised.

**16** In the seasonal adjustment of series, account has been taken of both normal seasonal factors and 'trading day' effects arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month. Adjustment has also been made for the influence of Easter which may affect the March and April estimates differently.

**17** Seasonal adjustment does not remove from the series the effect of irregular or non-seasonal influences (e.g. the approval of large projects or a change in the administrative arrangements of approving authorities).

## EXPLANATORY NOTES

### SEASONAL ADJUSTMENT *continued*

**18** Some of the component series have been seasonally adjusted independently. Therefore, the adjusted components may not add to the adjusted totals.

**19** As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's data. The timing of this review may vary and when appropriate will be notified in the 'Data Notes' section of this publication.

### TREND ESTIMATES

**20** Smoothing seasonally adjusted series reduces the impact of the irregular component of the seasonally adjusted series and creates trend estimates. For monthly series, these trend estimates are derived by applying a 13-term Henderson-weighted moving average to all months of the seasonally adjusted series except the last six months. Trend series are created for the last six months by applying surrogates of the Henderson moving average to the seasonally adjusted series. For the quarterly chain volume measures (table 14), the trend estimates are derived by applying a 7-term Henderson-weighted moving average to all quarters of the respective seasonally adjusted series except the last three quarters. Trend series are created for these last three quarters by applying surrogates of the Henderson moving average seasonally adjusted series. 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.

**21** While the smoothing techniques described in paragraph 20 enable trend estimates to be produced for the latest few periods, they do result in revisions to the trend estimates as new data becomes available. Generally, revisions become smaller over time and, after three months, usually have a negligible impact on the series. Revisions to the original data and re-analysis of seasonal factors may also lead to revisions to the trend.

**22** The ABS considered whether the introduction of the GST would cause a break in the trend series between June and July 2000 for building and construction value data. The ABS concluded that the data were unlikely to experience a significant one-off impact between June and July because values inclusive of GST had been gradually included in the series over that period. Therefore the trend value series was continued to be published as in the past. Users should, however, be cautious when analysing the most recent trend estimates as these are subject to revisions as new monthly data becomes available.

### CHAIN VOLUME MEASURES

**23** The chain volume measures appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year. The reference year is updated annually in the July issue of this publication. While current price estimates reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and hence only reflect volume changes. The direct impact of the GST is a price change, and hence is removed from chain volume estimates. Further information on the nature and concepts of chain volume measures is contained in the ABS publication *Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (Cat. no. 5248.0).



## EXPLANATORY NOTES

### AUSTRALIAN STANDARD GEOGRAPHICAL CLASSIFICATION (ASGC)

**24** Area statistics are now being classified to the *Australian Standard Geographical Classification (ASGC), 2001 Edition* (Cat. no 1216.0), effective from July 2001. Building work approved before July 2001 was classified according to the current edition of the ASGC at that time, and is presented in this publication unrevised, in the original geographical area that applied at the time of approval. From July 2001, the Statistical Division of Darwin includes Litchfield Shire, previously in the Statistical Division of Northern Territory Balance.

### ABS DATA AVAILABLE ON REQUEST

**25** 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.

### RELATED PUBLICATIONS

**26** Users may also wish to refer to the following publications:

- *Building Activity, Australia* (Cat. no. 8752.0–8752.7)
- *Building Activity, Australia: Dwelling Unit Commencements* (Cat. no. 8750.0)
- *Building Approvals* (Cat. no. 8731.1–8731.7)
- *Construction Work Done, Australia, Preliminary* (Cat. no. 8755.0)
- *Engineering Construction Activity, Australia* (Cat. no. 8762.0)
- *House Price Indexes: Eight Capital Cities* (Cat. no. 6416.0)
- *Housing Finance for Owner Occupation, Australia* (Cat. no. 5609.0)
- *Producer Price Indexes, Australia* (Cat. no. 6427.0).

**27** While building approvals value series are shown inclusive of GST, this is different to building activity — *Building Activity, Australia* (Cat. no. 8752.0) and *Construction Work Done, Australia, Preliminary* (Cat. no 8755.0) — in which residential work will be published inclusive of GST and non-residential work exclusive of GST. In the Engineering Construction Survey — *Engineering Construction Activity, Australia* (Cat. no. 8762.0) all values will exclude GST.

### ROUNDING

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

## G L O S S A R Y

<b>Alterations and additions</b>	Building activity carried out on existing buildings. 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.
<b>Alterations and additions to residential buildings</b>	Alterations and additions carried out on existing residential buildings, which may result in the creation of new dwelling units. See also Explanatory Notes paragraph 14.
<b>Building</b>	A building is 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 is the provision for regular access by persons in order to satisfy its intended use.
<b>Conversion</b>	Building activity which converts a non-residential building to a residential building, e.g. conversion of a warehouse to residential apartments. Conversion is considered to be a special type of alteration, and these jobs have been separately identified as such from the July 1996 reference month, though they have only appeared separately in this publication from the January 1998 issue. Prior to that issue, conversions were published as part of the 'Conversions, etc.' category or included elsewhere within a table. See also Explanatory Notes paragraph 14.
<b>Dwelling unit</b>	A dwelling unit is a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Regardless of whether they are self-contained or not, units within buildings offering institutional care (e.g. hospitals) or temporary accommodation (e.g. motels, hostels and holiday apartments) are not defined as dwelling units. Such units are included in the appropriate category of non-residential building approvals. Dwelling units can be created in one of four ways: through new work to create a residential building; through alteration/addition work to an existing residential building; through either new or alteration/addition work on non-residential building or through conversion of a non-residential building to a residential building.
<b>Educational</b>	Includes schools, colleges, kindergartens, libraries, museums and universities.
<b>Entertainment and recreational</b>	Includes clubs, cinemas, sport and recreation centres.
<b>Factories</b>	Includes paper mills, oil refinery buildings, brickworks and powerhouses.
<b>Flats, units or apartments</b>	Dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell.
<b>Health</b>	Includes hospitals, nursing homes, surgeries, clinics and medical centres.
<b>Hotels, motels and other short term accommodation</b>	Includes hostels, boarding houses, guest houses, and holiday apartment buildings.
<b>House</b>	A house is a detached building primarily used for long term residential purposes. It consists of one dwelling unit. For instance, detached 'granny flats' and detached dwelling units (e.g. caretaker's residences) associated with a non-residential building are defined as houses.
<b>Miscellaneous</b>	Includes justice and defence buildings, welfare and charitable homes, prisons and reformatories, maintenance camps, farming and livestock buildings, veterinary clinics, child-minding centres, police stations and public toilets.

## G L O S S A R Y

<b>New building work</b>	Building activity which will result in the creation of a building which previously did not exist.
<b>New other residential buildings</b>	Building activity which will result in the creation of a residential building other than a house, which previously did not exist.
<b>New residential</b>	Building activity which will result in the creation of any residential building (house or other residential) which previously did not exist.
<b>Non-residential building</b>	A non-residential building is primarily intended for purposes other than long term residential purposes. Note that, on occasions, one or more dwelling units may be created through non-residential building activity. Prior to the January 1998 issue of this publication, they have been included in the 'Conversions, etc.' column in tables showing dwelling units approved. They are now identified separately (e.g. see table 5). However, the value of these dwelling units cannot be separated out from that of the non-residential building which they are part of, therefore the value associated with these remain in the appropriate Non-residential category.
<b>Offices</b>	Includes banks, post offices and council chambers.
<b>Other business premises</b>	Includes warehouses, service stations, transport depots and terminals, electricity substation buildings, telephone exchanges, broadcasting and film studios.
<b>Other dwellings</b>	Includes all dwellings other than houses. They can be created by: the creation of new other residential buildings (e.g. flats); alteration/addition work to an existing residential building; either new or alteration/addition work on a non-residential building; conversion of a non-residential building to a residential building creating more than one dwelling unit.
<b>Other residential building</b>	An other residential building is a building other than a house primarily used for long-term residential purposes. An other residential building contains more than one dwelling unit. Other residential buildings are coded to the following categories: semi-detached, row or terrace house or townhouse with one storey; semi-detached, row or terrace house or townhouse with two or more storeys; flat, unit or apartment in a building of one or two storeys; flat, unit or apartment in a building of three storeys; flat, unit or apartment in a building of four or more storeys; flat, unit or apartment attached to a house; other/number of storeys unknown. The latter two categories are included with the semi-detached, row or terrace house or townhouse with one storey category in table 13 of this publication.
<b>Religious</b>	Includes convents, churches, temples, mosques, monasteries and noviciates.
<b>Residential building</b>	A residential building is a building consisting of one or more dwelling units. Residential buildings can be either houses or other residential buildings.
<b>Semi-detached, row or terrace houses, townhouses</b>	Dwellings having their own private grounds with no other dwellings above or below.
<b>Shops</b>	Includes retail shops, restaurants, taverns and shopping arcades.

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