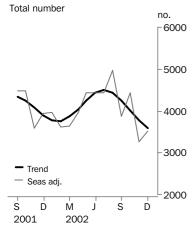


# **BUILDING APPROVALS**

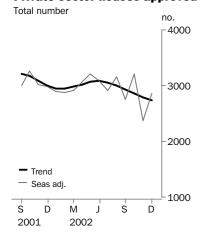
VICTORIA

EMBARGO: 11:30AM (CANBERRA TIME) MON 10 FEB 2003

### **Dwelling units approved**



### **Private sector houses approved**



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

## DECEMBER KEY FIGURES

	Oct 2002	Nov 2002	Dec 2002
Dwelling units approved			
Original	4 429	3 269	3 520
Seasonally adjusted	4 444	3 260	3 532
Trend	4 016	3 786	3 580

	% change Sep 2002 to Oct 2002	% change Oct 2002 to Nov 2002	% change Nov 2002 to Dec 2002
Dwelling units approved	061 2002	NOV 2002	Dec 2002
Original	15.0	-26.2	7.7
Seasonally adjusted	14.9	-26.7	8.4
Trend	-5.3	-5.7	-5.4

### DECEMBER KEY POINTS

### TREND ESTIMATES

- The trend estimate for total dwelling units approved has decreased for the last five months with falls of over 5% in each month of the December 2002 quarter.
- The trend estimate for private sector houses has decreased for the past six months with falls of 2.4% in October 2002, 2.3% in November 2002 and 1.8% in December 2002.

### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for total dwellings approved for each month of the December 2002 quarter was lower than the corresponding month in 2001.
- The seasonally adjusted estimate for private sector houses was 2,854 in December 2002.

### ORIGINAL ESTIMATES

- The total number of dwellings approved in the December 2002 quarter was 11,218, a fall of 18.7% on the September 2002 quarter estimate.
- The total value of building work approved in the December 2002 quarter was \$3,350.8 million, 12.1% lower than the September 2002 quarter. The value of residential and non-residential building both fell in the same period, by 16.6% and 1.0% respectively.

### NOTES

FORTHCOMING	ISSUES
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 ISSUE
 RELEASE DATE

 March 2003
 12 May 2003

 June 2003
 6 August 2003

 September 2003
 7 November 2003

CHANGES IN THIS ISSUE

There are no changes in this issue.

DATA NOTES

A special article on 'Inner City Development' was included in the December 2002 issue of 'Building Approvals Australia' (ABS Cat. no. 8731.0). This and other articles are available from the ABS website at www.abs.gov.au. Go to the 'Australia Now' tab on the home page then select 'Construction'.

Building Approvals are now available in two SuperTable data cubes. Data cubes contain variables in a time series, enabling users to download cross classifications. The first data cube contains monthly Australian and state data for the most recent 37 months, with the number and value of approvals by sector of ownership (public/private), type of building and type of work. The second cube contains similar data for Statistical Local Areas within states/territories by financial year, with a separate cube for each state/territory. Users can obtain cubes and detailed instructions via an AusStats subscription, or from the ABS website (www.abs.gov.au then go to 'Data Cubes'). All Building Approval data cubes are \$20 per month except for the Queensland SIA cube (\$25). Further information can be obtained from Roger Mableson on (08) 8237 7494.

REVISIONS THIS QUARTER

The following is a summary of revisions made to total dwelling units since the last issue of this publication.

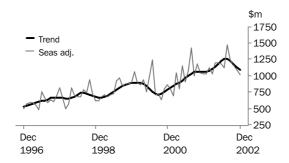
2001-2002 2002-2003 Total -7 - -7

Vince Lazzaro Regional Director, Victoria

### VALUE OF BUILDING APPROVED

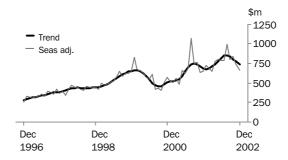
VALUE OF TOTAL BUILDING

The trend estimate for the value of total building has decreased for the past four months following six months of growth.



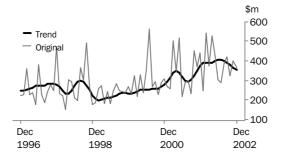
VALUE OF RESIDENTIAL BUILDING

The trend estimate for the value of residential building has fallen for the past four months following seven months of growth.



VALUE OF NON-RESIDENTIAL BUILDING

The trend estimate for the value of non residential building has decreased for the past six months following three months of growth.



### SUMMARY OF 2002 BUILDINGS APPROVED

DWELLING UNITS APPROVED

The number of dwelling units approved in the 2002 calendar year and the percentage movement between 2001 and 2002 for Victoria is summarised below.

	Houses		Other dwelling	ngs	Total dwelling units	
	no.	% Change	no.	% Change	no.	% Change
Melbourne SD	24 429	8.0	12 303	5.9	36 732	7.3
Barwon SD	2 591	1.3	292	64.0	2 883	5.4
Western district SD	493	5.8	64	146.2	557	13.2
Central Highlands SD	1 184	21.6	127	217.5	1 311	29.3
Wimmera SD	180	7.1	2	0.0	182	7.1
Malle SD	474	-6.9	131	84.5	605	4.3
Loddon SD	1 498	28.0	77	71.1	1 575	29.6
Goulburn SD	1 818	27.4	57	-5.0	1 875	26.1
Ovens-Murray SD	686	11.4	47	14.6	733	11.6
East Gippsland SD	591	26.8	20	11.1	611	26.2
Gippsland SD	1 547	12.3	77	-2.5	1 624	11.5
Victoria	35 491	9.7	13 197	8.4	48 688	9.3

The number of dwelling units approved in Victoria in 2002 increased by 9.3% in 2001. There was a 9.7% increase in the number of houses approved, while other dwellings rose by 8.4%.

VALUE OF BUILDING APPROVED

The value of building approved in the 2002 calendar year and the percentage movement between 2001 and 2002 for Victoria is summarised below.

	Total residential building		Non-residen	tial building	Total building	
	% \$m Change		\$m	% Change	% \$m Change	
	φΠ	Griarige	φιιι	Criarige	φιιι	Change
Melbourne SD	7 301.0	14.0	3 833.3	6.6	11 134.3	11.3
Barwon SD	510.1	13.2	164.2	58.4	674.3	21.6
Western district SD	105.5	18.1	46.4	-31.9	151.9	-3.6
Central Highlands SD	215.0	36.2	90.6	-8.6	305.6	18.9
Wimmera SD	31.4	6.6	22.7	43.6	54.2	19.5
Malle SD	87.5	-2.5	59.4	56.1	146.9	15.0
Loddon SD	257.5	36.0	99.4	30.6	356.9	34.4
Goulburn SD	309.0	33.4	104.8	18.4	413.8	29.2
Ovens-Murray SD	129.6	23.0	58.0	79.7	187.6	36.3
East Gippsland SD	93.5	36.3	53.4	149.3	147.0	63.2
Gippsland SD	254.5	26.2	83.7	45.3	338.2	30.5
Victoria	9 294.6	15.9	4 616.2	10.0	13 910.7	13.9

The value of total building approved in 2002 rose 13.9% from 2001, with an increase of 15.9% in residential building and a 10.0% increase in non-residential building.

### 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 January seasonally adjusted estimate is higher than the December estimate by 6% for the number of private sector houses approved and 9% for total dwelling units approved; and that the January seasonally adjusted estimate is lower than the December estimate by 6% for the number of private sector houses approved and 9% for total dwelling units approved. These percentages were chosen because they represent the average absolute monthly percentage change for these series over the last ten years.

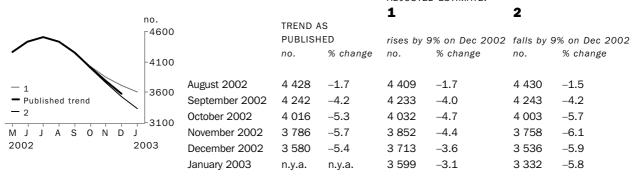
#### PRIVATE SECTOR HOUSES

# WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE:



TOTAL DWELLING UNITS

WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE:



### DWELLING UNITS APPROVED

	HOUSES.		OTHER DWELLINGS	S	TOTAL DWEI	LING UNITS
	Private sector	Total	Private sector	Total	Private sector	
Month	no.	no.	no.	no.	no.	Total no.
• • • • • • • • • • • •	• • • • • • • • •	• • • • • • • • • • •		• • • • • • • • • • • • • •	• • • • • • • • • • • • •	
			ORIGINAL			
2001	0.040	0.040	4 000	4 004		
October	3 313	3 340	1 038	1 081	4 351	4 421
November	3 107	3 148	610	652	3 717	3 800
December	2 784	2 813	1 023	1 091	3 807	3 904
2002						
January	2 346	2 378	1 101	1 123	3 447	3 501
February	3 056	3 083	716	737	3 772	3 820
March	2 955	2 968	528	562	3 483	3 530
April	3 226	3 261	1 041	1 101	4 267	4 362
May	3 442	3 453	954	1 015	4 396	4 468
June	2 927	2 947	1 021	1 046	3 948	3 993
July	2 970	2 993	1 140	1 181	4 110	4 174
August	3 137	3 169	2 598	2 603	5 735	5 772
September	2 896	2 909	882	941	3 778	3 850
October	3 143	3 175	1 207	1 254	4 350	4 429
November	2 410	2 433	836	836	3 246	3 269
December	2 695	2 722	794	798	3 489	3 520
• • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •
2001			SEASONALLY ADJU	STED		
October	3 262	3 280	n.a.	n.a.	4 420	4 481
November	3 024	3 062	n.a.	n.a.	3 513	3 593
December	2 981	3 002	n.a.	n.a.	3 842	3 938
2002	2 901	3 009	11.a.	n.a.	3 642	3 936
January	2 888	2 927			3 905	3 966
•			n.a.	n.a.		3 608
February	2 882	2 912	n.a.	n.a.	3 557	
March	2 916	2 937	n.a.	n.a.	3 589	3 644
April	3 064	3 103	n.a.	n.a.	3 874	3 973
May	3 210	3 224	n.a.	n.a.	4 367	4 442
June	3 079	3 101	n.a.	n.a.	4 394	4 441
July	2 910	2 929	n.a.	n.a.	4 377	4 437
August	3 166	3 202	n.a.	n.a.	4 936	4 977
September	2 760	2 769	n.a.	n.a.	3 800	3 868
October	3 219	3 241	n.a.	n.a.	4 375	4 444
November	2 363	2 385	n.a.	n.a.	3 238	3 260
December	2 854	2 877	n.a.	n.a.	3 505	3 532
• • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • •	TREND ESTIMAT	FQ	• • • • • • • • • • • • • •	• • • • • • • •
2001			TILLIND ESTIMAT	LO		
October	3 184	3 226	994	1 027	4 178	4 253
November	3 092	3 128	912	947	4 004	4 075
December	2 993	3 024	833	870	3 826	3 894
2002						
January	2 941	2 971	764	804	3 705	3 775
February	2 940	2 970	745	786	3 685	3 756
March	2 980	3 008	813	854	3 793	3 862
April	3 020	3 046	955	996	3 975	4 042
May	3 065	3 089	1 125	1 167	4 190	4 256
-						4 434
June	3 082	3 105	1 287	1 329	4 369	
July	3 058	3 080	1 387	1 426	4 445	4 506
August	2 999	3 021	1 372	1 407	4 371	4 428
September	2 926	2 947	1 264	1 295	4 190	4 242
October	2 855	2 876	1 114	1 140	3 969	4 016
November	2 788	2 810	956	976	3 744	3 786
December	2 738	2 759	805	821	3 543	3 580

•••••••••••••••••••••••••••••



## DWELLING UNITS APPROVED, Percentage Change

	HOUSES	OTHER DWELLINGS		ELLINGS	TOTAL DWEL	LING
Month	Private sector	Total	Private sector	Total	Private sector	Total
• • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •
0004		ORIGINAL	(% change from pre	eceding month)		
2001 October	10.8	9.2	-15.5	-12.0	3.1	3.1
November	-6.2	9.2 -5.7	-15.5 -41.2	-12.0 -39.7	-14.6	-14.0
December	-10.4	-10.6	67.7	67.3	2.4	2.7
2002	10.1	10.0	01.11	01.0	2. 1	
January	-15.7	-15.5	7.6	2.9	-9.5	-10.3
February	30.3	29.6	-35.0	-34.4	9.4	9.1
March	-3.3	-3.7	-26.3	-23.7	-7.7	-7.6
April	9.2	9.9	97.2	95.9	22.5	23.6
May	6.7	5.9	-8.4	-7.8	3.0	2.4
June	-15.0	-14.7	7.0	3.1	-10.2	-10.6
July	1.5	1.6	11.7	12.9	4.1	4.5
August	5.6	5.9	127.9	120.4	39.5	38.3
September	-7.7	-8.2	-66.1	-63.8	-34.1	-33.3
October	8.5	9.1	36.8	33.3	15.1	15.0
November	-23.3	-23.4	-30.7	-33.3	-25.4	-26.2
December	11.8	11.9	-5.0	-4.5	7.5	7.7
• • • • • • • • • • • • •	• • • • • • • • • • •					• • • • • • • • • • • • • • • • • • • •
2024		SEASONALLY AD.	IUSTED (% change f	from preceding mo	onth)	
2001	0.0	7.0			0.4	0.0
October November	8.9	7.6	n.a.	n.a.	-0.4	-0.2
December	−7.3 −1.4	−6.6 −1.7	n.a. n.a.	n.a. n.a.	-20.5 9.4	-19.8 9.6
2002	-1.4	-1.7	II.a.	II.a.	9.4	5.0
January	-3.1	-2.7	n.a.	n.a.	1.6	0.7
February	-0.2	-0.5	n.a.	n.a.	-8.9	-9.0
March	1.2	0.9	n.a.	n.a.	0.9	1.0
April	5.1	5.7	n.a.	n.a.	7.9	9.0
May	4.8	3.9	n.a.	n.a.	12.7	11.8
June	-4.1	-3.8	n.a.	n.a.	0.6	0.0
July	-5.5	-5.5	n.a.	n.a.	-0.4	-0.1
August	8.8	9.3	n.a.	n.a.	12.8	12.2
September	-12.8	-13.5	n.a.	n.a.	-23.0	-22.3
October	16.6	17.0	n.a.	n.a.	15.1	14.9
November	-26.6	-26.4	n.a.	n.a.	-26.0	-26.7
December	20.8	20.6	n.a.	n.a.	8.2	8.4
• • • • • • • • • •	• • • • • • • • • •	TDEND FOTIM	TEC (0) about fund			• • • • • • • • •
2001		IKEND FOIIM	ATES (% change from	in preceding month	11)	
October	-0.6	-0.8	-6.0	-5.7	-1.9	-2.0
November	-2.9	-3.0	-8.2	-7.8	-4.2	-4.2
December	-3.2	-3.3	-8.7	-8.1	-4.4	-4.4
2002						
January	-1.7	-1.8	-8.3	-7.6	-3.2	-3.1
February	0.0	0.0	-2.5	-2.2	-0.5	-0.5
March	1.3	1.3	9.1	8.7	2.9	2.8
April	1.4	1.3	17.5	16.6	4.8	4.7
May	1.5	1.4	17.8	17.2	5.4	5.3
June	0.5	0.5	14.4	13.9	4.3	4.2
July	-0.8	-0.8	7.8	7.3	1.7	1.6
August	-1.9	-1.9	-1.1 7.0	-1.3	-1.7	-1.7
September	-2.4	-2.4	-7.9	-8.0 12.0	-4.1 5.3	-4.2 E 3
October November	-2.4 -2.3	-2.4 2.3	-11.9 14.2	-12.0 14.4	-5.3 5.7	–5.3 –5.7
December	-2.3 -1.8	-2.3 -1.8	−14.2 −15.8	−14.4 −15.9	-5.7 -5.4	-5. <i>1</i> -5.4
December	-1.0	1.0	-13.0	10.0	-5.4	-5.4
• • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •

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## VALUE OF BUILDING APPROVED

	New residential building	Alterations and additions to residential buildings(a)	Total residential building	Non-residential building	Total building
Month	\$m	\$m	\$m	\$m	\$m
• • • • • • • • • • •	• • • • • • • • •		OINIAI	• • • • • • • • • • • •	• • • • • • •
2001		ORI	GINAL		
October	618.9	158.1	777.1	452.0	1 229.1
November	556.6	101.9	658.4	371.6	1 030.1
December	561.1	99.9	661.1	439.9	1 100.9
2002					
January	546.2	99.9	646.1	248.7	894.8
February	613.1	110.9	724.0	543.6	1 267.6
March	535.3	108.9	644.3	373.8	1 018.1
April	685.7 647.5	98.3 136.6	784.0 784.1	531.0 427.4	1 315.0 1 211.5
May June	637.4	98.6	736.0	305.9	1 041.9
July	653.2	126.8	780.0	290.0	1 041.9
August	994.0	139.2	1 133.1	386.8	1 519.9
September	670.6	128.9	799.5	421.7	1 221.2
October	734.5	122.6	857.0	324.3	1 181.4
November	606.5	113.7	720.2	398.8	1 119.0
December	582.7	103.5	686.2	364.2	1 050.4
• • • • • • • • • • •					
		SEASONAL	LY ADJUSTED		
2001					
October	626.0	144.7	770.7	n.a.	1 177.7
November	548.6	95.4	644.0	n.a.	1 049.4
December	527.9	116.9	644.8	n.a.	1 035.3
2002	F00.0	404.0	700 5		4 004 0
January	598.3	124.2	722.5	n.a.	1 024.6
February	579.3 544.2	112.3 104.3	691.6 648.4	n.a. n.a.	1 115.6 1 035.0
March April	682.1	96.2	778.3		1 193.2
May	671.5	135.6	807.1	n.a. n.a.	1 204.1
June	694.8	95.5	790.2	n.a.	1 186.9
July	655.8	133.1	788.9	n.a.	1 127.0
August	875.5	124.7	1 000.3	n.a.	1 468.7
September	670.1	127.5	797.7	n.a.	1 246.4
October	738.5	107.0	845.5	n.a.	1 161.2
November	630.2	112.0	742.2	n.a.	1 113.1
December	549.6	118.9	668.5	n.a.	1 009.3
• • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • •
2001		TREND	ESTIMATES		
2001 October	615.5	125.1	740.6	326.9	1 067.6
November	590.5	121.3	740.0	352.2	1 064.0
December	568.9	117.3	686.2	374.3	1 060.5
2002	300.9	117.5	000.2	314.3	1 000.5
January	564.1	113.2	677.3	388.3	1 065.6
February	575.4	110.3	685.6	392.3	1 078.0
March	601.3	109.4	710.7	389.3	1 100.0
April	633.8	110.9	744.7	392.6	1 137.3
May	670.3	113.9	784.2	399.8	1 184.0
June	705.2	117.1	822.3	404.7	1 227.1
July	728.2	120.1	848.3	404.6	1 252.9
August	731.8	121.1	852.9	400.4	1 253.3
September	716.3	120.0	836.3	392.7	1 229.0
October	689.7	118.1	807.9	381.0	1 188.9
November	657.5	116.1	773.6	367.7	1 141.3

<sup>(</sup>a) Refer to Explanatory Notes paragraph 16.

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## VALUE OF BUILDING APPROVED, Percentage Change

Month	New residential building	Alterations and additions to residential buildings(a)	Total residential building	Non- residential building	Total building
• • • • • • • • • • • • • • • • • • • •				• • • • • • • • • • • • •	• • • • • • • •
2001	ORIG	INAL (% change f	rom preceding m	ontn)	
October	4.2	19.7	7.0	92.8	28.0
November	-10.1	-35.5	-15.3	-17.8	-16.2
December	0.8	-2.0	0.4	18.4	6.9
2002					
January	-2.7	0.0	-2.3	-43.5	-18.7
February	12.2	11.0	12.1	118.6	41.7
March	-12.7	-1.8	-11.0	-31.2	-19.7
April	28.1	-9.7	21.7	42.1	29.2
May	-5.6	39.0	0.0	-19.5	-7.9
June	-1.6	-27.8	-6.1	-28.4	-14.0
July	2.5	28.6 9.8	6.0	-5.2	2.7
August September	52.2 -32.5	9.8 -7.4	45.3 –29.4	33.4 9.0	42.1 –19.7
October	-32.5 9.5	-7.4 -4.9	-29.4 7.2	-23.1	-3.3
November	-17.4	-7.3	-16.0	23.0	-5.3
December	-3.9	-9.0	-4.7	-8.7	-6.1
• • • • • • • • • • • • • • • • • • • •		Y ADJUSTED (% cl		ding month)	• • • • • • • •
2001	SEASUNALL	r ADJUSTED (% CI	nange mom prece	ding month)	
October	-0.1	10.3	1.7	n.a.	17.3
November	-12.4	-34.1	-16.4	n.a.	-10.9
December	-3.8	22.5	0.1	n.a.	-1.3
2002					
January	13.3	6.2	12.1	n.a.	-1.0
February	-3.2	-9.6	-4.3	n.a.	8.9
March	-6.1	-7.1	-6.2	n.a.	-7.2
April	25.3	-7.8	20.0	n.a.	15.3
May	-1.6	41.0	3.7	n.a.	0.9
June	3.5	-29.6	-2.1	n.a.	-1.4
July	-5.6	39.4	-0.2	n.a.	-5.0
August September	33.5 -23.5	-6.3 2.2	26.8 –20.3	n.a.	30.3 -15.1
October	-23.5 10.2	-16.1	-20.3 6.0	n.a. n.a.	-15.1 -6.8
November	-14.7	4.7	-12.2	n.a.	-4.1
December	-12.8	6.2	-9.9	n.a.	-9.3
2000111001	12.0	0.2	0.0	11101	0.0
• • • • • • • • • • • • • • • • • • • •	TDEND FO	STIMATED (0) also			• • • • • • • •
2001	IREND ES	STIMATES (% char	ige from precedil	ng month)	
October	-1.9	-0.8	-1.7	8.0	1.1
November	-4.1	-3.0	-3.9	7.7	-0.3
December	-3.7	-3.3	-3.6	6.3	-0.3
2002					
January	-0.8	-3.5	-1.3	3.7	0.5
February	2.0	-2.6	1.2	1.0	1.2
March	4.5	-0.8	3.7	-0.8	2.0
April	5.4	1.4	4.8	0.8	3.4
May	5.8	2.7	5.3	1.8	4.1
June	5.2	2.8	4.9	1.2	3.6
July	3.3	2.6	3.2	0.0	2.1
August	0.5	0.8	0.5	-1.0	0.0
September	-2.1	-0.9	-1.9	-1.9	-1.9
October November	-3.7	-1.6 1.7	-3.4	-3.0 3.5	-3.3 4.0
December	−4.7 −5.3	−1.7 −0.1	-4.2 -4.5	−3.5 −3.5	-4.0 -4.2
Decellinei	-5.5	-0.1	-4.0	-3.5	-4.2

<sup>(</sup>a) Refer to Explanatory Notes paragraph 16.

Period	New houses	New other residential building	Alterations and additions to residential buildings	Conversion	Non- residential building	Total dwelling units
• • • • • • • • • • •	• • • • • • • • • •		ATE SECTOR (Nun	nber)	• • • • • • • • • • •	• • • • • • • •
1999-00	35 968	11 765	416	914	262	49 325
2000-01	24 233	9 583	328	934	53	35 131
2001-02	36 583	10 848	172	963	71	48 637
2001	0.700	004	04	440	_	0.007
December 2002	2 780	881	31	110	5	3 807
January	2 343	971	11	117	5	3 447
February	3 054	674	4	39	1	3 772
March	2 945	501	16	2	19	3 483
April	3 225	1 007	6	24	5	4 267
May	3 437	787	31	129	12	4 396
June	2 916	1 004	17	8	3	3 948
July	2 966	1 058	40	31	15	4 110
August	3 134	2 509	37	44	11	5 735
September	2 891	810	39	17	21	3 778
October	3 138	1 171	23	13	5	4 350
November December	2 405 2 686	773 718	50 22	16 4	2 59	3 246 3 489
December	2 000	710		<del>,</del>	39	3 403
		PUB	LIC SECTOR (Num			
1999-00	507	280	14	5	3	809
2000-01	275	170	0	0	2	447
2001-02	458	440	0	0	1	899
2001						
December	29	68	0	0	0	97
2002						
January	32	22	0	0	0	54
February	27	21	0	0	0	48
March	13	33	0	0	1	47
April	35	60	0	0	0	95
May	11	61	0	0	0	72
June	20	25	0	0	0	45
July	23	41	0	0	0	64
August	32	5	0	0	0	37
September	13	59	0	0	0	72
October	32	47	0	0	0	79
November	23	0	0	0	0	23
December	27	4	0	0	0	31
• • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • •	TOTAL (Number)	• • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • •
1999-00	36 475	12 045	430	919	265	50 134
2000-01	24 508	9 753	328	934	55	35 578
2001-02	37 041	11 288	172	963	72	49 536
2001						
December	2 809	949	31	110	5	3 904
2002			-	•	-	
January	2 375	993	11	117	5	3 501
February	3 081	695	4	39	1	3 820
March	2 958	534	16	2	20	3 530
April	3 260	1 067	6	24	5	4 362
May	3 448	848	31	129	12	4 468
June	2 936	1 029	17	8	3	3 993
July	2 989	1 099	40	31	15	4 174
August	3 166	2 514	37	44	11	5 772
September	2 904	869	39	17	21	3 850
October	3 170	1 218	23	13	5	4 429
November	2 428	773	50	16	2	3 269
December	2 713	722	22	4	59	3 520
		-				

.....

	New	New other residential	Alterations and additions creating	Alterations and additions not creating		Total residential	Non-residential	Total
Period	houses	building	dwellings	dwellings	Conversion	building	building	building
• • • • • • • • • • •	• • • • • • • • •	• • • • • • • • • • •	PRIVATE	SECTOR (\$ mi	llion)	• • • • • • • • • •	• • • • • • • • • •	• • • • • • •
1999-00	4 779.7	1 573.3	54.3	1 004.9	108.2	7 520.3	2 622.4	10 142.7
2000-01	3 534.9	1 534.0	27.7	925.2	138.4	6 160.1	3 040.8	9 201.0
2001-02	5 659.4	1 838.5	21.1	1 187.5	103.3	8 809.8	3 371.7	12 181.5
2001								
December 2002	417.0	135.0	4.8	74.6	12.6	644.1	398.4	1 042.5
January	361.5	179.3	1.3	75.7	16.0	633.9	202.9	836.8
February	474.1	132.7	0.5	99.9	3.9	711.1	404.3	1 115.4
March	458.5	70.8	1.2	94.5	0.5	625.5	296.6	922.1
April	508.1	165.8	1.2	90.2	2.2	767.6	197.0	964.6
May	538.4	96.5	2.5	117.6	8.8	763.7	262.8	1 026.5
June	476.1	155.5	2.7	89.1	0.6	724.1	248.2	972.3
July	493.2	146.3	7.6	109.6	4.1	760.9	226.6	987.5
August	515.5	474.1	4.4	112.8	6.2	1 113.1	332.2	1 445.2
September	477.9	183.2	5.4	113.6	2.2	782.4	376.1	1 158.5
October	522.2	201.6	2.4	109.5	1.3	837.1	260.6	1 097.7
November	398.7	204.7	6.1	89.3	3.0	701.7	341.2	1 042.9
December	456.0	122.2	1.8	87.7	0.9	668.7	303.7	972.4
• • • • • • • • • •	• • • • • • • • •	• • • • • • • • • •	PUBLIC	SECTOR (\$ mil	lion)	• • • • • • • • • •	• • • • • • • • • • •	• • • • • • •
1999-00	45.5	19.6	0.5	42.4	0.9	108.9	593.4	702.4
2000-01	33.6	12.4	0.0	99.7	0.0	145.7	1 022.0	1 167.7
2001-02	60.8	49.7	0.0	80.6	0.0	191.1	1 147.4	1 338.5
2001								
December	3.7	5.4	0.0	7.9	0.0	17.0	41.4	58.4
2002								
January	3.9	1.5	0.0	6.9	0.0	12.2	45.8	58.0
February	4.2	2.0	0.0	6.7	0.0	12.9	139.4	152.2
March	2.0	4.1	0.0	12.7	0.0	18.8	77.2	96.0
April	4.2	7.6	0.0	4.6	0.0	16.4	334.0	350.4
May	1.7	10.9	0.0	7.8	0.0	20.4	164.7	185.0
June	3.0	2.7	0.0	6.2	0.0	11.9	57.7	69.6
July	5.3	8.4	0.0	5.4	0.0	19.1	63.4	82.5
August	4.0	0.3	0.0	15.7	0.0	20.0	54.7	74.7
September	2.2	7.3	0.0	7.7	0.0	17.2	45.6	62.7
October	4.9	5.8	0.0	9.3	0.0	20.0	63.7	83.7
November	3.2	0.0	0.0	15.4	0.0	18.5	57.6	76.1
December	4.0	0.5	0.0	13.0	0.0	17.5	60.4	77.9
• • • • • • • • • • •	• • • • • • • • •	• • • • • • • • • • •	ТО	TAL (\$ million)	• • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • •
1999-00	4 825.2	1 592.9	54.8	1 047.3	109.1	7 629.3	3 215.8	10 845.1
2000-01	3 568.4	1 546.4	27.7	1 024.9	138.4	6 305.8	4 062.8	10 368.6
2001-02	5 720.2	1 888.2	21.1	1 268.0	103.3	9 000.9	4 519.0	13 520.0
<b>2001</b> December	420.7	140.4	4.8	82.5	12.6	661.1	439.9	1 100.9
2002								
January	365.4	180.8	1.3	82.6	16.0	646.1	248.7	894.8
February March	478.3	134.7	0.5	106.5	3.9	724.0	543.6	1 267.6
March	460.4	74.9	1.2	107.2	0.5	644.3	373.8 531.0	1 018.1
April May	512.3 540.1	173.4 107.4	1.2 2.5	94.8 125.3	2.2 8.8	784.0 784.1	531.0 427.4	1 315.0 1 211.5
June		107.4 158.3	2.5 2.7	95.3	8.8 0.6	784.1 736.0	427.4 305.9	1 041.9
July	479.1 498.5	158.3 154.7	2.7 7.6	95.3 115.0	0.6 4.1	780.0	305.9 290.0	1 041.9
July August	498.5 519.5	474.5	4.4	128.5	4.1 6.2	1 133.1	290.0 386.8	1 519.9
September	480.1	190.5	5.4	121.2	2.2	799.5	421.7	1 221.2
October	527.1	207.4	2.4	118.9	1.3	857.0	324.3	1 181.4
November	401.8	204.7	6.1	104.7	3.0	720.2	398.8	1 119.0
December	460.1	122.7	1.8	100.8	0.9	686.2	364.2	1 050.4
Doodinger	100.1	±==.1	1.0	200.0	0.0	550.2	30 1.2	1 000.7



NEW OTHER RESIDENTIAL BUILDING....

	New houses		ached, row or terractes, etc. of		Flats units or a	partments in a	a building of		Total	Total new residential building
Period		One storey	Two or more storeys	Total	One or two storeys	Three storeys	Four or more storeys	Total		
• • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • • • •	NUMBER	OF DWELLING	G UNITS	• • • • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • •
1999-00	20.475	0.000	2 202	F 000	700	450	4.040	0.050	40.045	40 500
	36 475 24 508	2 669 2 215	3 323 2 114	5 992 4 329	760 337	453 648	4 840 4 439	6 053 5 424	12 045 9 753	48 520 34 261
2000-01 2001-02	24 508 37 041	2 595	3 287	5 882	523	596	4 439 4 287	5 424	11 288	48 329
2001-02	0, 0,1	2 000	0 201	0 002	020	000	1201	0 100	11 200	10 020
2001										
October	3 334	178	346	524	27	57	226	310	834	4 168
November	3 145	256	264	520	61	39	20	120	640	3 785
December	2 809	143	386	529	48	0	372	420	949	3 758
2002										
January	2 375	166	261	427	38	19	509	566	993	3 368
February	3 081	133	195	328	16	24	327	367	695	3 776
March	2 958	129	205	334	57	53	90	200	534	3 492
April	3 260	194	201	395	22	55	595	672	1 067	4 327
May	3 448	295	253	548	80	104	116	300	848	4 296
June	2 936	176	287	463	84	30	452	566	1 029	3 965
July	2 989	371	280	651	51	101	296	448	1 099	4 088
August	3 166	168	229	397	6	36	2 075	2 117	2 514	5 680
September	2 904	212	186	398	24	34	413	471	869	3 773
October	3 170	239	176	415	116	84	603	803	1 218	4 388
November	2 428	117	173	290	45	17	421	483	773	3 201
December	2 713	144	134	278	15	52	377	444	722	3 435
• • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • • •				• • • • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • •
				VAL	_UE (\$ millior	1)				
1999-00	4 825.1	230.4	369.1	599.3	78.0	65.0	850.3	993.4	1 592.8	6 418.1
2000-01	3 568.3	194.7	281.4	476.3	40.2	109.2	920.7	1 070.2	1 546.4	5 114.8
2001-02	5 720.3	256.7	444.5	701.1	64.7	116.4	1 005.9	1 187.0	1 888.1	7 608.4
2001										
2001 October	496.3	17.8	45.2	63.0	2.2	7.7	49.7	59.6	122.6	618.9
October		17.8 23.8	45.2 35.0		2.2 12.5		49.7 3.0	59.6 23.0	122.6 81.8	618.9 556.6
	496.3 474.8 420.7	17.8 23.8 13.2	45.2 35.0 50.3	63.0 58.8 63.4	2.2 12.5 3.7	7.5	3.0	59.6 23.0 77.0	122.6 81.8 140.4	556.6
October November December	474.8	23.8	35.0	58.8	12.5			23.0	81.8	
October November	474.8	23.8	35.0	58.8	12.5	7.5	3.0	23.0	81.8	556.6
October November December 2002	474.8 420.7	23.8 13.2	35.0 50.3	58.8 63.4	12.5 3.7	7.5 0.0	3.0 73.3	23.0 77.0	81.8 140.4	556.6 561.1
October November December 2002 January	474.8 420.7 365.4	23.8 13.2 15.6	35.0 50.3 36.2	58.8 63.4 51.8	12.5 3.7 6.5	7.5 0.0 4.1	3.0 73.3 118.4	23.0 77.0 129.0	81.8 140.4 180.8	556.6 561.1 546.2
October November December <b>2002</b> January February	474.8 420.7 365.4 478.3	23.8 13.2 15.6 12.3	35.0 50.3 36.2 31.7	58.8 63.4 51.8 44.0	12.5 3.7 6.5 1.6	7.5 0.0 4.1 2.2	3.0 73.3 118.4 86.9	23.0 77.0 129.0 90.7	81.8 140.4 180.8 134.7	556.6 561.1 546.2 613.1
October November December <b>2002</b> January February March	474.8 420.7 365.4 478.3 460.4	23.8 13.2 15.6 12.3 13.7	35.0 50.3 36.2 31.7 24.7	58.8 63.4 51.8 44.0 38.4	12.5 3.7 6.5 1.6 8.9	7.5 0.0 4.1 2.2 13.8	3.0 73.3 118.4 86.9 13.7	23.0 77.0 129.0 90.7 36.4	81.8 140.4 180.8 134.7 74.9	556.6 561.1 546.2 613.1 535.3
October November December 2002 January February March April	474.8 420.7 365.4 478.3 460.4 512.3	23.8 13.2 15.6 12.3 13.7 21.4	35.0 50.3 36.2 31.7 24.7 26.7	58.8 63.4 51.8 44.0 38.4 48.1	12.5 3.7 6.5 1.6 8.9 3.2	7.5 0.0 4.1 2.2 13.8 8.0	3.0 73.3 118.4 86.9 13.7 114.2	23.0 77.0 129.0 90.7 36.4 125.4	81.8 140.4 180.8 134.7 74.9 173.4	556.6 561.1 546.2 613.1 535.3 685.7
October November December 2002 January February March April May	474.8 420.7 365.4 478.3 460.4 512.3 540.1	23.8 13.2 15.6 12.3 13.7 21.4 27.0	35.0 50.3 36.2 31.7 24.7 26.7 37.7	58.8 63.4 51.8 44.0 38.4 48.1 64.7	12.5 3.7 6.5 1.6 8.9 3.2 5.2	7.5 0.0 4.1 2.2 13.8 8.0 22.7	3.0 73.3 118.4 86.9 13.7 114.2 14.9	23.0 77.0 129.0 90.7 36.4 125.4 42.8	81.8 140.4 180.8 134.7 74.9 173.4 107.4	556.6 561.1 546.2 613.1 535.3 685.7 647.5
October November December 2002 January February March April May June	474.8 420.7 365.4 478.3 460.4 512.3 540.1 479.1	23.8 13.2 15.6 12.3 13.7 21.4 27.0 16.8	35.0 50.3 36.2 31.7 24.7 26.7 37.7 39.3	58.8 63.4 51.8 44.0 38.4 48.1 64.7 56.1	12.5 3.7 6.5 1.6 8.9 3.2 5.2 10.1	7.5 0.0 4.1 2.2 13.8 8.0 22.7 11.0	3.0 73.3 118.4 86.9 13.7 114.2 14.9 81.1	23.0 77.0 129.0 90.7 36.4 125.4 42.8 102.2	81.8 140.4 180.8 134.7 74.9 173.4 107.4 158.3	556.6 561.1 546.2 613.1 535.3 685.7 647.5 637.4
October November December 2002 January February March April May June July	474.8 420.7 365.4 478.3 460.4 512.3 540.1 479.1 498.5	23.8 13.2 15.6 12.3 13.7 21.4 27.0 16.8 36.3	35.0 50.3 36.2 31.7 24.7 26.7 37.7 39.3 41.3	58.8 63.4 51.8 44.0 38.4 48.1 64.7 56.1 77.6	12.5 3.7 6.5 1.6 8.9 3.2 5.2 10.1 7.8	7.5 0.0 4.1 2.2 13.8 8.0 22.7 11.0 13.3	3.0 73.3 118.4 86.9 13.7 114.2 14.9 81.1 56.0	23.0 77.0 129.0 90.7 36.4 125.4 42.8 102.2 77.1	81.8 140.4 180.8 134.7 74.9 173.4 107.4 158.3 154.7	556.6 561.1 546.2 613.1 535.3 685.7 647.5 637.4 653.2
October November December 2002 January February March April May June July August	474.8 420.7 365.4 478.3 460.4 512.3 540.1 479.1 498.5 519.5	23.8 13.2 15.6 12.3 13.7 21.4 27.0 16.8 36.3 18.1	35.0 50.3 36.2 31.7 24.7 26.7 37.7 39.3 41.3 34.0	58.8 63.4 51.8 44.0 38.4 48.1 64.7 56.1 77.6 52.1	12.5 3.7 6.5 1.6 8.9 3.2 5.2 10.1 7.8 0.9	7.5 0.0 4.1 2.2 13.8 8.0 22.7 11.0 13.3 6.7	3.0 73.3 118.4 86.9 13.7 114.2 14.9 81.1 56.0 414.8	23.0 77.0 129.0 90.7 36.4 125.4 42.8 102.2 77.1 422.4	81.8 140.4 180.8 134.7 74.9 173.4 107.4 158.3 154.7 474.5	556.6 561.1 546.2 613.1 535.3 685.7 647.5 637.4 653.2 994.0
October November December 2002 January February March April May June July August September	474.8 420.7 365.4 478.3 460.4 512.3 540.1 479.1 498.5 519.5 480.1	23.8 13.2 15.6 12.3 13.7 21.4 27.0 16.8 36.3 18.1 24.3	35.0 50.3 36.2 31.7 24.7 26.7 37.7 39.3 41.3 34.0 28.6	58.8 63.4 51.8 44.0 38.4 48.1 64.7 56.1 77.6 52.1 52.9	12.5 3.7 6.5 1.6 8.9 3.2 5.2 10.1 7.8 0.9 4.4	7.5 0.0 4.1 2.2 13.8 8.0 22.7 11.0 13.3 6.7 6.0	3.0 73.3 118.4 86.9 13.7 114.2 14.9 81.1 56.0 414.8 127.3	23.0 77.0 129.0 90.7 36.4 125.4 42.8 102.2 77.1 422.4 137.6	81.8 140.4 180.8 134.7 74.9 173.4 107.4 158.3 154.7 474.5 190.5	556.6 561.1 546.2 613.1 535.3 685.7 647.5 637.4 653.2 994.0 670.6

<sup>(</sup>a) See Glossary for definition.

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## 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)	• • • • • • • • • • • •		• • • • • • • •
				(+)			
1999-00	5 509.7	1 772.9	7 271.7	1 382.2	8 655.7	3 336.4	11 869.2
2000-01	3 568.4	1 546.3	5 114.7	1 191.0	6 305.8	4 062.7	10 368.6
2001-02	5 512.6	1 844.2	7 356.8	1 342.3	8 699.1	4 426.6	13 125.9
2001							
June	1 045.3	316.4	1 360.0	311.7	1 671.7	1 074.7	2 745.5
September	1 460.8	704.0	2 164.8	371.0	2 535.8	815.1	3 350.9
December	1 336.5	337.4	1 673.9	345.6	2 019.5	1 242.7	3 262.2
2002	1 000.0	337.4	1070.5	5-5.0	2 013.3	1 272.1	0 202.2
March	1 254.0	378.7	1 632.7	307.5	1 940.2	1 139.6	3 079.9
June	1 461.3	424.1	1 885.4	318.2	2 203.6	1 229.2	3 432.9
September	1 426.2	786.9	2 213.1	375.7	2 588.8	1 061.1	3 649.9
	• • • • • • • • • •	• • • • • • • • • •		• • • • • • • • • • • • •		• • • • • • • • • • •	• • • • • • •
		ORIGIN	AL (% change fr	om preceding qua	irter)		
2001							
June	16.9	-31.8	0.0	8.8	1.5	4.9	2.9
September	39.7	122.5	59.2	19.0	51.7	-24.2	22.1
December	-8.5	-52.1	-22.7	-6.8	-20.4	52.5	-2.6
2002							
March	-6.2	12.2	-2.5	-11.0	-3.9	-8.3	-5.6
June	16.5	12.0	15.5	3.5	13.6	7.9	11.5
September	-2.4	85.5	17.4	18.1	17.5	-13.7	6.3

<sup>(</sup>a) Reference year for chain volume measures is 2000-2001. (b) Refer to Explanatory Notes paragraph 16. Refer to Explanatory Notes paragraph 24-25.

## NON-RESIDENTIAL BUILDING APPROVED, Jobs By Value Range: Original

		motels and nort term							Other b			
	accomn	nodation	Shops		Factorie	?S	Offices		premise	S	Educati	onal
Period	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • •	alua ¢50	0,000-\$1	00 000	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • •
2002				V	aiue—\$50	J,000-\$1	99,999					
October	3	0.4	168	16.0	28	3.4	75	7.9	38	3.9	16	1.5
November	3	0.2	95	9.4	22	2.1	58	6.2	32	3.0	23	2.3
December	11	0.9	96	9.8	23	2.4	59	6.2	28	2.8	63	6.2
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •
2002				Va	lue—\$20	0,000-\$4	99,999					
October	3	1.1	46	13.7	18	5.0	23	6.3	21	6.0	8	2.5
November	0	0.0	21	6.1	21	6.7	28	7.5	21	6.0	20	6.3
December	2	0.7	22	6.4	12	3.6	27	7.4	25	6.7	29	9.2
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •
2002				Va	lue—\$50	0,000-\$9	99,999					
October	2	1.4	13	8.8	8	5.2	12	7.9	7	5.3	10	7.7
November	3	2.2	8	5.0	1	0.5	8	5.8	11	7.9	9	6.3
December	0	0.0	7	4.9	8	5.6	12	9.0	10	6.9	8	5.3
• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •			0.000 #4			• • • • • • •	• • • • • •	• • • • • •	• • • • •
2002				vaiu	e—\$1,00	0,000-\$4	,999,999	1				
October	0	0.0	9	16.3	5	13.6	18	39.5	6	9.8	12	24.8
November	3	5.9	8	14.5	5	8.1	5	8.7	14	34.6	11	18.1
December	1	1.8	1	1.4	4	6.6	6	13.0	11	20.7	19	37.2
• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			200.000		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • •
2002				Va	iiue—\$5,0	000,000	and over					
October	0	0.0	2	18.4	0	0.0	1	9.3	1	6.0	1	6.7
November	0	0.0	2	152.2	0	0.0	0	0.0	0	0.0	1	16.1
December	0	0.0	0	0.0	0	0.0	0	0.0	3	58.3	2	23.5
• • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • •
					Val	ue—Total						
1999-00	174	169.3	1 551	560.3	850	371.4	1 192	539.3	972	518.5	550	410.6
2000-01	130	96.8	1 470	774.3	611	236.5	1 241	666.8	780	457.0	748	832.5
2001-02	143	117.6	1 424	547.7	546	247.2	1 159	1 237.3	822	723.7	754	567.1
2002												
October	8	2.9	238	73.2	59	27.2	129	70.9	73	31.0	47	43.2
November	9	8.3	134	187.3	49	17.4	99	28.2	78	51.5	64	49.1
December	14	3.4	126	22.5	47	18.2	104	35.5	77	95.5	121	81.4

## NON-RESIDENTIAL BUILDING APPROVED, Jobs By Value Range: Original continued

	Religiou	JS	Health			ment and nal	Miscellar	neous	Total non- residentia	- I building
Period	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	Value—	-\$50,000-	\$199,999	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •
2002										
October	2	0.2	11	1.0	22	2.5	19	1.7	382	38.4
November	1	0.1	12	1.1	18	2.1	14	1.2	278	27.7
December	1	0.1	13	1.3	12	1.2	17	1.5	323	32.3
• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	Value—	\$200,000-	\$499.999	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •
2002				Value	Ψ200,000	Ψ 100,000				
October	1	0.2	8	2.4	8	2.7	7	2.2	143	42.1
November	1	0.3	2	0.5	5	1.7	9	3.5	128	38.6
December	0	0.0	9	3.0	10	2.7	8	2.9	144	42.6
• • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		<b></b>		• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •
2002				value—	\$500,000-	\$999,999				
October	0	0.0	6	3.5	1	0.8	2	1.1	61	41.7
November	0	0.0	4	2.8	1	0.6	6	4.3	51	35.5
December	0	0.0	1	0.7	3	1.8	7	4.3	56	38.5
• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	Value—\$1	L,000,000	\$4,999,999	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • •	• • • • • • •	• • • • • • • •
2002					, ,	, ,				
October	0	0.0	4	7.3	7	15.9	5	19.3	66	146.5
November	0	0.0	2	2.5	1	1.6	2	6.7	51	100.7
December	0	0.0	4	7.6	2	3.2	4	12.1	52	103.6
• • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	Value—	\$5,000,00	O and over	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •
2002					+0,000,00	o aa o				
October	0	0.0	1	5.5	1	9.7	0	0.0	7	55.6
November	1	6.0	2	22.0	0	0.0	0	0.0	6	196.3
December	0	0.0	3	59.9	0	0.0	1	5.5	9	147.3
• • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	· · · · · · · · · · · · · · · · · · ·	alue—Total	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • •
				V	aiue—iotai					
1999-00	55	26.5	303	343.0	321	159.4	326	117.1	6 294	3 215.8
2000-01	66	22.2	256	448.2	285	236.3	330	291.7	5 917	4 062.6
2001-02	56	29.4	294	584.7	310	173.6	431	290.3	5 939	4 519.0
2002										
October	3	0.4	30	19.7	39	31.6	33	24.2	659	324.3
November	3	6.3	22	28.8	25	6.0	31	15.7	514	398.8
December	1	0.1	30	72.4	27	9.0	37	26.3	584	364.2

	Hotels, motels and other										
	short term accomm-				Other business				Entertain- ment and	Miscell-	Total non- residential
Period	odation	Shops	Factories	Offices	premises	Educational	Religious	Health	recreational	aneous	building
PRIVATE SECTOR (\$ million)											
1999-00	167.7	554.2	369.9	474.6	505.4	171.0	26.5	180.4	93.0	79.6	2 622.4
2000-01	86.8	766.3	234.0	607.1	433.9	220.2	22.2	292.0	131.4	247.1	3 040.8
2001-02	104.0	540.6	246.5	1 159.9	676.5	158.4	28.9	200.3	109.2	147.3	3 371.7
2001											
December 2002	12.7	54.9	12.0	191.7	75.2	17.7	4.6	11.4	10.1	8.1	398.4
January	13.3	16.8	14.2	59.6	49.2	8.4	4.1	22.4	4.0	10.8	202.9
February	5.0	40.1	13.4	229.8	30.4	15.3	2.6	46.0	6.5	15.2	404.3
March	3.2	36.6	16.5	169.3	37.1	8.3	0.2	3.2	5.2	17.0	296.6
April	0.6	55.3	14.2	20.0	74.8	7.1	5.3	2.9	6.6	10.2	197.0
May June	13.1 4.0	38.8 71.0	14.3 25.6	67.1 45.9	49.5 47.3	8.2 19.7	4.5 0.1	27.2 8.9	22.8 9.5	17.3 16.2	262.8 248.2
July	8.6	62.0	8.3	46.3	49.9	13.4	1.1	17.4	13.4	6.0	246.2
August	19.9	94.0	23.0	90.7	69.0	9.5	2.4	10.3	4.7	8.8	332.2
September	19.4	69.7	24.8	137.9	58.4	24.5	2.1	12.9	10.4	15.9	376.1
October	2.9	72.8	27.2	61.9	25.0	22.9	0.4	16.8	13.0	17.7	260.6
November	8.2	187.1	17.4	23.3	51.5	15.6	6.3	20.7	4.5	6.5	341.2
December	3.4	22.3	18.1	30.4	95.1	49.0	0.1	61.0	5.7	18.6	303.7
PUBLIC SECTOR (\$ million)											
1999-00	1.4	6.1	1.4	64.9	13.2	239.7	0.0	162.8	66.5	37.4	593.4
2000-01 2001-02	10.1 13.7	8.1 7.1	2.6 0.8	59.7 77.5	23.3 47.2	612.4 408.8	0.0 0.5	156.3 384.5	105.0 64.5	44.5 142.9	1 022.0 1 147.4
2001-02	10.7	7.1	0.0	11.5	71.2	400.0	0.5	304.3	04.0	142.5	1 177.7
2001											
December	0.6	0.5	0.0	1.8	8.7	21.2	0.0	2.8	1.4	4.5	41.4
2002											
January	0.0	0.1	0.0	1.0	4.6	19.3	0.0	4.5	3.0	13.3	45.8
February	0.0	0.5	0.0	21.7	1.0	84.9	0.0	12.8	4.2	14.4	139.4
March April	2.2 0.1	0.9 0.0	0.0 0.0	10.3 1.4	0.7 1.2	24.5 20.8	0.0 0.0	16.3 277.4	0.9 6.1	21.5 27.0	77.2 334.0
May	8.8	0.5	0.0	4.0	19.1	95.3	0.0	21.3	6.5	9.0	334.0 164.7
June	0.0	0.2	0.1	9.5	2.2	19.9	0.0	3.5	4.0	18.2	57.7
July	0.3	0.1	0.0	14.7	2.9	18.8	0.0	4.9	6.0	15.6	63.4
August	1.3	0.9	0.2	12.2	0.1	16.5	0.0	1.7	14.9	6.9	54.7
September	0.0	0.2	0.3	12.0	0.3	18.2	0.0	0.8	8.3	5.6	45.6
October	0.0	0.4	0.0	9.0	6.1	20.3	0.0	2.9	18.7	6.5	63.7
November	0.1	0.3	0.0	4.9	0.0	33.5	0.0	8.1	1.5	9.2	57.6
December	0.0	0.1	0.1	5.2	0.4	32.3	0.0	11.3	3.3	7.7	60.4
• • • • • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	TC	OTAL (\$ m	illion)	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •
4000.05	100 1	F63.3	074.4				00 =	0.40.4	450 5	44= 0	0.047.0
1999-00	169.1	560.3	371.4	539.4	518.7	410.8	26.5	343.1	159.5	117.0	3 215.8
2000-01 2001-02	96.9 117.7	774.3 547.7	236.6 247.3	666.8 1 237.4	457.2 723.7	832.6 567.2	22.2 29.4	448.2 584.8	236.4 173.7	291.7 290.2	4 062.8 4 519.0
2001	40.0		40.0	100 =	00.5	20.0	4.0	440	44 =	40.0	400.0
December 2002	13.3	55.4	12.0	193.5	83.9	38.9	4.6	14.2	11.5	12.6	439.9
January	13.3	16.9	14.2	60.6	53.9	27.7	4.1	26.9	6.9	24.1	248.7
February March	5.0 5.4	40.6 37.5	13.4 16.5	251.6 179.6	31.4 37.8	100.2 32.7	2.6 0.2	58.8 19.5	10.6 6.1	29.5 38.4	543.6 373.8
April	0.7	55.3	14.2	21.4	76.0	32.1 27.8	5.3	280.3	12.7	38.4 37.2	531.0
May	21.9	39.3	14.4	71.1	68.6	103.5	4.5	48.5	29.2	26.3	427.4
June	4.0	71.2	25.9	55.4	49.5	39.6	0.1	12.4	13.4	34.4	305.9
July	8.9	62.2	8.3	61.1	52.8	32.2	1.1	22.3	19.4	21.6	290.0
August	21.2	95.0	23.1	102.9	69.1	26.0	2.4	12.0	19.5	15.6	386.8
September	19.4	69.8	25.1	149.9	58.7	42.8	2.1	13.6	18.7	21.5	421.7
October	2.9	73.2	27.2	70.9	31.0	43.2	0.4	19.7	31.6	24.2	324.3
November	8.3	187.3	17.4	28.2	51.5	49.1	6.3	28.8	6.0	15.7	398.8
December	3.4	22.5	18.2	35.5	95.5	81.4	0.1	72.4	9.0	26.3	364.2

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### BUILDING APPROVED IN THE MELBOURNE STATISTICAL DIVISION: Original

(b) Refer to the Explanatory Notes paragraph 16.

(a) Refer to footnote (a) in Table 12

	DWELLINGS (no.)		VALUE (\$'000)						
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential buildings	Alterations and additions to residential buildings(b)	Total residential building	Non- residential building	Total building
•••••	• • • • •	• • • • • • •	STATI	STICAL ARE	A		• • • • • • • •	• • • • • • •	• • • • •
Barwon (SD)	615	37	710	103 767	5 661	18 183	127 610	72 907	200 517
Greater Geelong City Part A (SSD)	326	17	399	52 163	2 101	11 147	65 411	45 019	110 430
Bellarine-Inner	51	0	52	8 023	0	1 087	9 109	2 918	12 027
Corio–Inner	92	2	94	14 419	192	2 708	17 319	20 916	38 235
Geelong	21	6	27	3 515	950	2 572	7 036	10 640	17 676
Geelong West	14	0	15	1 847	0	1 917	3 763	3 818	7 582
Newton	20	4	24	2 849	425	1 063	4 337	2 606	6 943
South Barwon-Inner	128	5	187	21 511	534	1 800	23 845	4 121	27 966
East Barwon (SSD)	202	20	222	37 507	3 560	5 864	46 931	25 215	72 145
Greater Geelong (C) -Pt B	115	4	119	20 659	582	2 230	23 472	5 082	28 554
Queenscliffe (B)	9	6	15	1 854	1 652	295	3 801	16 063	19 864
Surf Coast (S)–East	30	10	40	6 337	1 325	1 576	9 239	3 791	13 030
Surf Coast (S)-West	48	0	48	8 656	0	1 763	10 419	279	10 698
West Barwon (SSD)	87	0	89	14 097	0	1 172	15 269	2 673	17 942
Colac-Otway (S)-Colac	18	0	18	2 876	0	488	3 364	1 714	5 078
Colac-Otway (S)-North	3	0	4	417	0	92	509	300	809
Colac-Otway (S)-South	25	0	25	4 331	0	288	4 619	309	4 928
Golden Plains (S)-North-West	10	0	10	1 317	0	89	1 406	0	1 406
Golden Plains (S)-South-East	27	0	28	4 424	0	87	4 511	350	4 861
Greater Geelong (C)-Pt C	4	0	4	732	0	128	860	0	860
Western District (SD)	115	4	121	18 577	318	5 802	24 697	12 636	37 333
Warrnambool City (SSD)	54	2	56	7 681	218	2 030	9 929	8 244	18 173
Warrnambool (C)	54	2	56	7 681	218	2 030	9 929	8 244	18 173
Hopkins (SSD)	31	2	35	5 991	100	2 116	8 207	1 856	10 063
Corangamite (S)-North	2	0	4	717	0	552	1 269	0	1 269
Corangamite (S)-South	6	2	8	993	100	597	1 690	70	1 760
Moyne (S)–North-East	1	0	1	130	0	11	141	0	141
Moyne (S)-North-West	1	0	1	200	0	86	286	255	541
Moyne (S)–South	21	0	21	3 951	0	869	4 821	1 531	6 351
Lady Julia Percy Island	0	0	0	0	0	0	0	0	0
Glenelg (SSD)	30	0	30	4 904	0	1 656	6 560	2 536	9 096
Glenelg (S)-Heywood	5	0	5	627	0	291	919	0	919
Glenelg (S)-North	1	0	1	200	0	85	285	0	285
Glenelg (S)-Portland	13	0	13	2 247	0	664	2 911	880	3 791
S. Grampians (S)-Hamilton	6	0	6	1 418	0	430	1 848	1 559	3 407
S. Grampians (S)-Wannon	1	0	1	77	0	68	145	0	145
S. Grampians (S) Bal	4	0	4	335	0	118	453	96	550
Central Highlands (SD)	275	13	298	43 763	1 840	8 145	53 748	19 189	72 937
Ballarat City (SSD)	177	13	200	29 219	1 840	5 128	36 187	13 738	49 925
Ballarat (C)-Central	21	11	42	3 753	1 577	2 791	8 121	4 912	13 034
Ballarat (C)-Inner North	111	2	113	18 712	262	1 555	20 530	5 270	25 800
Ballarat (C)-North	1	0	1	142	0	110	252	0	252
Ballarat (C)-South	44	0	44	6 612	0	672	7 284	3 555	10 839
East Central Highlands (SSD)	84	0	84	13 015	0	2 476	15 491	4 358	19 849
Hepburn (S)-East	15	0	15	1 709	0	1 103	2 812	80	2 892
Hepburn (S)-West	8	0	8	1 126	0	165	1 291	2 698	3 989
Moorabool (S)-Bacchus Marsh	36	0	36	6 615	0	797	7 412	1 260	8 672
Moorabool (S)-Ballan	21	0	21	2 931	0	248	3 179	320	3 499
Moorabool (S)–West	4	0	4	633	0	164	797	0.0	797

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Macedon Ranges (S) Bal

41

13 467

4 754

731

8 714

7 982

DWELLINGS (no.)	VALUE (\$'000)

	New houses	New other residential building	Total dwellings(a)	New houses	New other residential buildings	Alterations and additions to residential buildings(b)	Total residential building	Non- residential building	Total building
		• • • • • • •	STATIS <sup>*</sup>	TICAL AREA	• • • • • • •	• • • • • • • • •		• • • • • • • •	• • • • •
Goulburn (SD) Greater Shepparton City Part A (SSD) Gr. Shepparton (C)-Pt A	<b>418</b> 85 85	1 0 0	<b>420</b> 85 85	<b>64 454</b> 13 855 13 855	38 0 0	<b>7 461</b> 1 743 1 743	<b>71 953</b> 15 598 15 598	<b>20 013</b> 7 538 7 538	<b>91 966</b> 23 136 23 136
North Goulburn (SSD) Campaspe (S)–Echuca Campaspe (S)–Kyabram Campaspe (S)–Rochester	130 46 9 13	0 0 0	131 46 9 13	20 460 6 619 1 384 2 304	0 0 0	2 628 541 497 360	23 088 7 160 1 881 2 664	7 996 519 5 536 0	31 084 7 679 7 417 2 664
Campaspe (S)-South Gr. Shepparton (C)-Pt B East Gr. Shepparton (C)-Pt B West Moira (S)-East Moira (S)-West	7 3 8 26 18	0 0 0 0	8 3 8 26 18	711 445 1 264 4 888 2 845	0 0 0 0	111 152 388 191 388	822 598 1 652 5 079 3 233	0 0 270 151 1 520	822 598 1 922 5 230 4 753
South Goulburn (SSD) Delatite (S)–Benalla Delatite (S)–North Delatite (S)–South	65 16 8 21	0 0 0	65 16 8 21	8 010 1 755 1 135 2 995	0 0 0	959 413 200 209	8 969 2 168 1 335 3 204	3 469 200 400 215	12 438 2 368 1 735 3 419
Strathbogie (S)  South West Goulburn (SSD)  Mitchell (S)–North  Mitchell (S)–South  Murrindindi (S)–East	20 138 9 98 11	0 1 0 0	20 139 9 98 12	2 125 22 128 1 748 15 851 1 573	0 38 0 0 38	137 2 132 613 754 358	2 262 24 298 2 362 16 605 1 970	2 654 1 010 385 485 140	4 915 25 308 2 747 17 090 2 110
Murrindindi (S)–West  Ovens-Murray (SD)  Wodonga (SSD)  Indigo (S)–Pt A  Towong (S)–Pt A	20 173 104 24 0	0 8 0 0	20 <b>182</b> 105 25 0	2 956  28 409 17 208 3 424 0	0 1 310 0 0	406  4 867 2 346 731 73	3 362  34 586 19 555 4 155 73	0 <b>14 436</b> 5 015 0	3 362 49 022 24 569 4 155 73
Wodonga (RC)  West Ovens-Murray (SSD) Indigo (S)–Pt B Wangaratta (RC)–Central Wangaratta (RC)–North Wangaratta (RC)–South	80 35 5 18 4 8	0 6 0 6 0	80 41 5 24 4 8	13 784 6 106 757 3 049 937 1 364	0 510 0 510 0	1 543 1 321 398 466 183 274	15 327 7 937 1 155 4 025 1 120 1 638	5 015 6 822 3 075 3 456 0 291	20 342 14 759 4 230 7 481 1 120 1 929
East Ovens-Murray (SSD) Alpine (S)-East Alpine (S)-West Towong (S)-Pt B	34 28 5 1	2 2 0 0	36 30 5 1	5 095 4 302 752 40	800 800 0	1 200 1 050 100 50	7 094 6 152 853 90	2 599 1 234 1 365 0	9 693 7 386 2 218 90
East Gippsland (SD) East Gippsland Shire (SSD) E. Gippsland (S)–Bairnsdale E. Gippsland (S)–Orbost E. Gippsland (S)–South-West E. Gippsland (S) Bal	170 119 93 19 7 0	0 0 0 0 0	170 119 93 19 7 0	23 787 18 055 15 124 1 980 952 0	0 0 0 0 0	2 897 1 179 649 284 133 114	26 684 19 235 15 773 2 264 1 084 114	13 555 4 428 3 709 299 113 307	40 239 23 662 19 482 2 563 1 197 421
Wellington Shire (SSD) Wellington (S)-Alberton Wellington (S)-Avon Wellington (S)-Maffra Wellington (S)-Rosedale Wellington (S)-Sale	51 7 1 7 23 13	0 0 0 0 0	51 7 1 7 23 13	5 732 745 84 950 2 178 1 775	0 0 0 0 0	1 717 344 100 363 552 358	7 449 1 089 184 1 313 2 731 2 133	9 127 105 0 964 204 7 854	16 577 1 194 184 2 277 2 935 9 987

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	DWELLINGS (no.)			VALUE (\$'000)					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential buildings	Alterations and additions to residential buildings(b)	Total residential building	Non- residential building	Total building
• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • • • •	ΩΤΔΤΙΩ	STICAL AREA		• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • •
			STATIC	TIOAL AREA	•				
Gippsland (SD)	418	8	426	57 674	1 220	9 738	68 632	12 321	80 953
La Trobe Valley (SSD)	80	0	80	11 922	0	3 108	15 030	7 417	22 447
Baw Baw (S)-Pt A	13	0	13	1 656	0	310	1 966	600	2 566
Latrobe (C)-Moe	9	0	9	1 443	0	313	1 757	420	2 177
Latrobe (C)–Morwell	11	0	11	1 414	0	958	2 373	2 050	4 423
Latrobe (C)-Traralgon	45	0	45	7 118	0	1 483	8 601	4 346	12 948
Latrobe (C) Bal	2	0	2	289	0	43	333	0	333
West Gippsland (SSD)	71	0	71	11 645	0	2 308	13 953	2 051	16 004
Baw Baw (S)-Pt B East	3	0	3	340	0	117	457	0	457
Baw Baw (S)-Pt B West	68	0	68	11 305	0	2 125	13 430	2 051	15 481
Yarra Ranges (S)-Pt B	0	0	0	0	0	66	66	0	66
South Gippsland (SSD)	267	8	275	34 107	1 220	4 322	39 649	2 853	42 502
Bass Coast (S)-Phillip Is.	93	4	97	11 973	620	1 391	13 984	750	14 734
Bass Coast (S) Bal	94	4	98	12 497	600	1 249	14 346	320	14 666
South Gippsland (S)-Central	43	0	43	5 081	0	931	6 011	1 578	7 590
South Gippsland (S)-East	14	0	14	1 400	0	528	1 928	0	1 928
South Gippsland (S)-West	23	0	23	3 156	0	223	3 379	205	3 584
French Island	0	0	0	0	0	0	0	0	0
Bass Strait Islands	0	0	0	0	0	0	0	0	0
• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • •		• • • • • • •	• • • • • • • •	• • • • • •
			STATIST	ICAL DISTRI	СТ				
Albury-Wodonga NSW/Vic	192	7	200	32 490	400	5 335	38 225	19 558	57 783
Geelong Vic	326	17	399	52 163	2 101	11 147	65 411	45 019	110 430
Warrnambool Vic	54	2	56	7 681	218	2 030	9 929	8 244	18 173
Ballarat Vic	177	13	200	29 219	1 840	5 128	36 187	13 738	49 925
Bendigo Vic	192	2	196	28 708	202	3 248	32 157	26 286	58 444
Shepparton Vic	85	0	85	13 855	0	1 743	15 598	7 538	23 136
La Trobe Valley Vic	80	0	80	11 922	0	3 108	15 030	7 417	22 447
Mildura Vic	64	104.0	168	9 939	2 348	1 082	13 368	11 494	24 862

<sup>(</sup>a) Includes conversions and dwelling units approved as part of alterations and additions or the construction of non-residential building.

<sup>(</sup>b) Refer to Explanatory Notes paragraph 16.

INTRODUCTION

SCOPE

- **1** This publication presents monthly details of building work approved.
- 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** 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.
- **5** 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).
- **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 data 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 has made adjustments to the data to ensure that values were consistent with other data collected and were inclusive of GST.

VALUE DATA

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 CLASSIFICATIONS** 

- **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.
- **13** 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.
- **14** 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.
- **15** 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.
- **16** The Type of Work classification refers to the building activity carried out Conversion jobs are shown separately in tables 5 and 6. However, in other tables they are included within existing categories, as follows: in tables 1, 2, 11 and 12 they are included in the appropriate Type of Building category, and in tables 3, 4, 11 and 12 they are included in the 'Alterations and additions to residential buildings' category.

SEASONAL ADJUSTMENT

- **17** 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.
- **18** 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.
- **19** 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).
- **20** Some of the component series have been seasonally adjusted independently. Therefore, the adjusted components may not add to the adjusted totals.

SEASONAL ADJUSTMENT continued

**21** 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

- **22** 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 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.
- **23** While the smoothing techniques described in paragraph 22 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.

CHAIN VOLUME MEASURES

- **24** The chain volume measures appearing in this publication are annually re-weighted chain Laspeyres indexes referenced to current price values in a chosen reference year. The reference year will be updated annually in the September 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 therefore only reflect volume changes. The direct impact of the GST is a price change, and hence is removed from the chain volume estimates.
- **25** 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).

AUSTRALIAN STANDARD
GEOGRAPHICAL CLASSIFICATION
(ASGC)

- **26** Area statistics are now being classified to the *Australian Standard Geographical Classification (ASGC)*, *2002 Edition* (cat. no. 1216.0), effective from July 2002. Building work approved before July 2002 was classified according to the current editions 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.
- **27** Some Statistical Districts straddle state/territory boundaries. The Albury–Wodonga Statistical District lies partly in Victoria and partly in New South Wales.

ABS DATA AVAILABLE ON REQUEST

**28** 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

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

- Building Activity, Australia, cat. no. 8752.0
- Building Approvals, Australia, cat. no. 8731.0
- Building Activity, Australia: Dwelling Unit Commencements, cat. no. 8750.0
- Building Activity, Victoria, cat. no. 8752.2
- 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

**30** While building approvals value series are shown inclusive of GST, this is different to the value series shown in the Building Activity publications (cat. nos 8752.0, 8752.2 and 8755.0), in which residential work will be published inclusive of GST and non-residential work exclusive of GST. In the *Engineering Construction Activity, Australia* (cat. no. 8762.0) all values will exclude GST.

ROUNDING

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

#### SYMBOLS AND OTHER USAGES

n.a. not availablen.y.a. not yet availableB BoroughC CityRC Rural City

SD Statistical Division SSD Statistical Subdivision

S Shire

#### GLOSSARY

Alterations and additions

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.

Alterations and additions to residential buildings

Alterations and additions carried out on existing residential buildings, which may result in the creation of new dwelling units. See also Explanatory Notes paragraph 16.

Building

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.

Conversion

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 April 1998 issue. Prior to that issue, conversions were published as part of the 'Conversions, etc.' category or included elsewhere within a table. Prior to July 1996, table 5 includes the number of Conversions in the 'Alterations and additions to residential buildings' category while table 6 includes the value of Conversions in the 'Alterations and additions to residential buildings, creating dwellings' category. See also Explanatory Notes paragraph 16.

Dwelling unit

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 or through conversion of a non-residential building to a residential building.

Educational

Includes schools, colleges, kindergartens, libraries, museums and universities.

Entertainment and recreational

Includes clubs, cinemas, sport and recreation centres.

**Factories** 

Includes paper mills, oil refinery buildings, brickworks and powerhouses.

Flats, units or apartments

Dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell.

Health

Includes hospitals, nursing homes, surgeries, clinics and medical centres.

Hotels, motels and other short term accommodation

Includes hostels, boarding houses, guest houses, and holiday apartment buildings.

House

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.

### GLOSSARY

Miscellaneous 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.

New building work Building activity which will result in the creation of a building which previously

did not exist.

**New other residential** Building activity which will result in the creation of a residential building other

buildings than a house, which previously did not exist.

New residential Building activity which will result in the creation of any residential building

(house or other residential) which previously did not exist.

Non-residential building 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 April 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.

Offices Includes banks, post offices and council chambers.

Other business premises 
Includes warehouses, service stations, transport depots and terminals, electricity

substation buildings, telephone exchanges, broadcasting and film studios.

Other dwellings 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.

Other residential building 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 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 7 of this publication.

**Religious** Includes convents, churches, temples, mosques, monasteries and noviciates.

**Residential building** A residential building is a building consisting of one or more dwelling units.

Residential buildings can be either houses or other residential buildings.

Semi-detached, row or terrace Dwellings having their own private grounds with no other dwellings above or

houses, townhouses below.

**Shops** Includes retail shops, restaurants, taverns and shopping arcades.

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