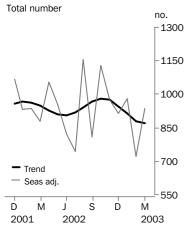


BUILDING APPROVALS

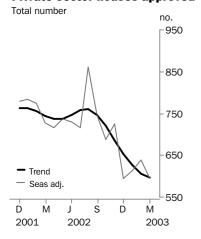
SOUTH AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) MON 12 MAY 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.

MARCH KEY FIGURES

	Jan 2003	Feb 2003	Mar 2003
Dwelling units approved			
Original	783	745	1 051
Seasonally adjusted	982	719	938
Trend	912	880	869
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •

	% change Dec 2002 to Jan 2003	% change Jan 2003 to Feb 2003	% change Feb 2003 to Mar 2003
Dwelling units approved			
Original	-11.2	-4.9	41.1
Seasonally adjusted	7.5	-26.8	30.4
Trend	-3.5	-3.6	-1.2

MARCH KEY POINTS

TREND ESTIMATES

- The trend estimate for total dwelling units approved has fallen for the last five months, following four months of growth. The trend estimate for total dwelling units approved fell by 1.2% in March 2003, following falls of 3.5% in January 2003 and 3.6% in February 2003.
- The trend estimate for private sector houses has fallen for the last seven months, following four months of growth.

SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for total dwelling units approved in March 2003 was 7.0% higher than the estimate for March 2002.
- The seasonally adjusted estimates for private sector houses rose in January 2003 (3.3%) and February 2003 (4.1%) before falling by 7.6% in March 2003. These estimates were all more than 17% lower than the same months of the previous year.

ORIGINAL ESTIMATES

- During the March 2003 quarter 2,579 dwelling units were approved, a decrease of 12.2% from the December 2002 quarter. The number of private sector houses approved fell by 11.2% to 1,793. The number of other dwellings approved also decreased, by 7.9% to 736.
- The total value of building approved in the March 2003 quarter was \$548.5 million, a decrease of 28.9%. The value of residential building fell from \$486.6 million in the December 2002 quarter to \$397.5 million. The value of non-residential building also fell, from \$283.5 million in the December 2002 quarter to \$151.0 million in the March 2003 quarter.

NOTES

FORTHCOMING ISSUES

ISSUE

RELEASE DATE

June 2003

6 August 2003

 June 2003
 6 August 2003

 September 2003
 7 November 2003

 December 2003
 10 February 2004

CHANGES IN THIS ISSUE There are no changes in this issue.

DATA NOTES A special article 'Work Done on Housing Jobs Each Quarter' was included in the March

2003 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 'Feature Articles' link on the home page, then select Industry/Construction.

REVISIONS THIS QUARTER The following is a summary of revisions made to total dwelling units since the last issue

of this publication.

2001-02 2002-03

+22 -13

••••••

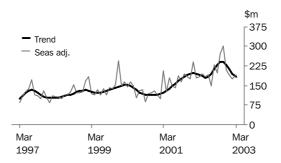
Ian Crettenden

Regional Director, South Australia

VALUE OF BUILDING APPROVED

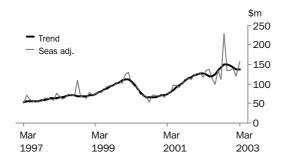
VALUE OF TOTAL BUILDING

The trend estimate for the total value of building approved has fallen for the past five months, following five months of growth.



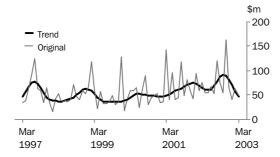
VALUE OF RESIDENTIAL BUILDING

The trend estimate for the value of residential building has fallen for the last four months, following five months of growth.



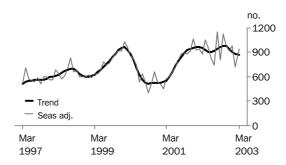
VALUE OF NON-RESIDENTIAL BUILDING

The trend estimate for the value of non-residential building has fallen for the past five months, following five months of growth.



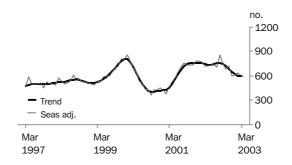
TOTAL DWELLING UNITS

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



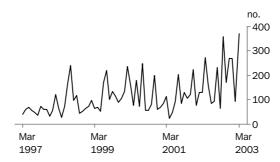
PRIVATE SECTOR HOUSES

The trend estimate for private sector houses has fallen for the last seven months.



OTHER DWELLING (ORIGINAL)

There has been considerable movement in other dwellings, in original terms, in the March 2003 quarter.



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 April seasonally adjusted estimate is higher than the March estimate by 7% for the number of private sector houses approved and 11% for total dwelling units approved; and that the April seasonally adjusted estimate is lower than the March estimate by 7% for the number of private sector houses approved and 11% 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 MONTH'S SEASONALLY ADJUSTED ESTIMATE:



TOTAL DWELLING UNITS

WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:



DWELLING UNITS APPROVED

	HOUSES		OTHER DWE	ELLINGS	TOTAL DWELLING UNITS		
	Private sector	Total	Private sector	Total	Private sector	Total	
Month	no.	no.	no.	no.	no.	no.	
			ORIGINAL				
2002							
January	667	688	74	76	741	764	
February	769	839	129	132	898	971	
March	756	774	130	130	886	904	
April	701	714	269	273	970	987	
May	795	823	158	158	953	981	
June	716	742	82	84	798	826	
July	795	843	82	92	877	935	
•							
August	807	838	230	234	1 037	1 072	
September	762	795	63	65	825	860	
October	729	767	354	358	1 083	1 125	
November	720	757	161	173	881	930	
December	570	614	252	268	822	882	
2003							
January	493	514	263	269	756	783	
February	633	651	82	94	715	745	
March	667	678	373	373	1 040	1 051	
• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • •	• • • • • • • • •	
2002		SEA	SONALLY ADJUSTED)			
	700	004			000	004	
January	783	804	n.a.	n.a.	908	931	
February	775	845	n.a.	n.a.	865	938	
March	728	746	n.a.	n.a.	859	877	
April	717	730	n.a.	n.a.	1 039	1 056	
May	738	766	n.a.	n.a.	925	953	
June	729	755	n.a.	n.a.	796	824	
July	716	764	n.a.	n.a.	686	744	
August	861	892	n.a.	n.a.	1 121	1 156	
September	747	780	n.a.	n.a.	774	809	
October	689	727	n.a.	n.a.	1 088	1 130	
November	726	763			928	977	
			n.a.	n.a.			
December	595	639	n.a.	n.a.	854	914	
2003							
January	614	635	n.a.	n.a.	955	982	
February	640	658	n.a.	n.a.	689	719	
March	595	606	n.a.	n.a.	927	938	
• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		REND ESTIMATES	• • • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • •	
2002		'	WEIND FOUNDALES				
January	763	802	n.a.	n.a.	926	967	
February	755	791	n.a.	n.a.	926	963	
March		776			917	950	
	744		n.a.	n.a.			
April	737	765	n.a.	n.a.	898	928	
May	738	765	n.a.	n.a.	880	910	
June	747	776	n.a.	n.a.	874	906	
July	758	790	n.a.	n.a.	881	917	
August	760	796	n.a.	n.a.	900	941	
September	747	785	n.a.	n.a.	923	967	
October	720	758	n.a.	n.a.	936	982	
November	686	721	n.a.	n.a.	931	975	
December	653	684			906	946	
	000	004	n.a.	n.a.	900	340	
2003	207	25.4			070		
January	627	654	n.a.	n.a.	876	912	
February	606	628	n.a.	n.a.	849	880	
March	597	614	n.a.	n.a.	845	869	

.....



DWELLING UNITS APPROVED, Percentage Change

HOUSES		OTHER DWEL	LINGS	TOTAL DWELLING UNITS		
Private sector	Total	Private sector	Total	Private sector	Total	
• • • • • • • • • • • • •				• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
			ling month)			
-4.6	-7.7	-67.1	-66.2	-19.8	-21.2	
15.3	21.9	74.3	73.7	21.2	27.1	
-1.7	-7.7	0.8	-1.5	-1.3	-6.9	
-7.3	-7.8	106.9	110.0	9.5	9.2	
13.4	15.3	-41.3	-42.1	-1.8	-0.6	
	-9.8	-48.1	-46.8	-16.3	-15.8	
					13.2	
					14.7	
					-19.8	
					30.8	
					-17.3	
-20.8	-18.9	56.5	54.9	-6.7	-5.2	
-13.5	-16.3	4.4	0.4	-8.0	-11.2	
28.4	26.7	-68.8	-65.1	-5.4	-4.9	
5.4	4.1	354.9	296.8	45.5	41.1	
• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
Ç	SEASONALLY ADJUS	TED (% change from	preceding month)			
0.5	-2.7	n.a.	n.a.	-11.2	-12.9	
-1.1	5.1	n.a.	n.a.	-4.7	0.8	
-6.1	-11.7	n.a.	n.a.	-0.7	-6.5	
					20.5	
					-9.7	
					-13.6	
					-9.8	
					55.4	
					-30.0	
					39.7	
					-13.5	
-18.1	-16.3	n.a.	n.a.	-8.0	-6.5	
3.3	-0.6	n.a.	n.a.	11.8	7.5	
4.1	3.6	n.a.	n.a.	-27.9	-26.8	
-7.0	-7.9	n.a.	n.a.	34.5	30.4	
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
	TREND ESTIMATES	S (% change from pr	eceding month)			
0.1	0.1	n 2	n 2	1 1	1.0	
					-0.4	
					-1.4	
					-2.3	
					-2.0	
		n.a.	n.a.		-0.4	
1.5		n.a.	n.a.	0.8	1.2	
0.3	8.0	n.a.	n.a.	2.2	2.6	
-1.7	-1.4	n.a.	n.a.	2.6	2.8	
-3.7	-3.4	n.a.	n.a.	1.4	1.5	
-4.8	-4.9	n.a.	n.a.		-0.7	
					-3.0	
	J.1	11101	ind.	2.1	0.0	
_4 0	_/ /	n a	n a	_2	-3.5	
					-3.6	
	-4.0 -2.2	n.a. n.a.	n.a. n.a.	-3.1 -0.5	-3.6 -1.2	
-1.4						
	-4.6 15.3 -1.7 -7.3 13.4 -9.9 11.0 1.5 -5.6 -4.3 -1.2 -20.8 -13.5 28.4 5.4 5.4 0.5 -1.1 -6.1 -1.5 2.8 -1.1 -1.9 20.3 -13.2 -7.8 5.4 -18.1 3.3 4.1 -7.0 -0.1 -1.0 -1.4 -0.9 0.1 1.3 1.5 0.3 -1.7 -3.7	Sector Total ORIGINAL (% -4.6	ORIGINAL (% change from preceded and preceded are sector) ORIGINAL (% change from preceded are sector) -4.6	Sector Total Sector Total	Sector Total Sector Total Sector	

		Alterations			
	New	and additions to	Total	Non-	
	residential building	residential buildings(a)	residential building	residential building	Total building
Month	\$m	\$m	\$m	\$m	\$m
• • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	ORIGIN	ΛΙ	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
2002		ORIGIN	AL		
January	86.7	13.2	99.8	94.0	193.9
February	104.8	17.7	122.6	59.6	182.2
March	97.0	14.3	111.3	74.9	186.2
April	111.3	16.2	127.5	55.8	183.3
May	119.3	16.5	135.9	55.5	191.4
June	96.2	17.6	113.9	68.3	182.1
July	113.7	20.1	133.8	53.3	187.2
August	110.2	22.0	132.2	121.0	253.2
September	99.7	20.3	120.0	75.1	195.1
October	198.0	20.5	218.5	56.1	274.6
November	116.8	20.1	136.9	162.8	299.8
December	111.7	19.5	131.2	64.6	195.8
	111.7	19.5	131.2	64.6	195.8
2003	02.7	40.7	440.2	20.0	450.0
January	93.7	16.7	110.3	39.8	150.2
February	96.4	20.3	116.6	62.8	179.4
March	120.8	49.8	170.6	48.4	218.9
	• • • • • • • • • • • • • • • • • • •	SEASONALLY A	DIUSTED	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •
2002		OL/(OON/(LL) /	DJOOILD		
January	113.6	14.5	128.1	n.a.	242.1
February	109.4	17.1	126.5	n.a.	179.1
March	101.0	15.3	116.3	n.a.	183.9
April	117.7	17.6	135.2	n.a.	195.7
May	120.7	16.1	136.8	n.a.	182.1
•	95.8	18.1	113.9	n.a.	192.5
June					
July	82.6	16.2	98.9	n.a.	149.8
August	112.9	22.0	134.9	n.a.	229.0
September	91.6	21.9	113.5	n.a.	198.6
October	210.5	17.9	228.4	n.a.	273.4
November	115.4	19.4	134.8	n.a.	301.0
December	113.0	21.9	134.9	n.a.	212.1
2003					
January	120.1	19.5	139.6	n.a.	191.0
February	100.6	19.4	120.0	n.a.	175.7
March	106.4	50.7	157.1	n.a.	189.7
• • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	TDEND FOR	MATEC	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •
2002		TREND ESTI	IVIATES		
January	108.9	15.8	124.7	73.3	198.0
February	110.8	15.9	126.7	69.8	196.4
March	111.2	16.0	127.2	65.2	192.4
April					
•	107.6	16.4	124.0	62.1	186.1
May	103.4	17.1	120.5	60.4	180.9
June	102.5	17.9	120.4	61.9	182.3
July	106.6	18.7	125.3	68.5	193.8
August	114.8	19.4	134.2	78.4	212.6
September	124.1	19.4	143.4	87.3	230.7
October	130.6	19.2	149.7	91.9	241.7
November	131.6	19.7	151.2	89.9	241.1
December	126.4	21.4	147.9	82.2	230.0
2003					
January	118.5	24.5	143.0	70.9	213.8
February	110.6	28.4	138.9	57.9	196.9

⁽a) Refer to Explanatory Notes paragraph 16.





		Alterations			
	N/	and	Takal	M	
	New residential	additions to	Total residential	Non- residential	Total
Month	building	residential buildings(a)	building	building	rotai building
	O.F.	RIGINAL (% change from	m nreceding month)		• • • • • • • • • • • •
2002	Oi	Mannae (70 change noi	ii preceding month)		
January	-19.6	1.2	-17.4	119.4	18.4
February	20.9	34.8	22.7	-36.6	-6.0
March	-7.4	-19.5	-9.2	25.6	2.2
April	14.7	13.3	14.5	-25.5	-1.5
May	7.2	2.1	6.5	-0.6	4.4
June	-19.4	6.7	-16.2	23.0	-4.8
July	18.2	14.2	17.6	-21.9	2.8
August	-3.1	9.2	-1.2	127.0	35.3
September	-9.5	9.2 -7.7	-1.2 -9.2	-37.9	-22.9
October	98.7	1.1	82.2	-25.4	40.8
November	-41.0	-2.1	-37.3	190.4	9.2
December	-4.4	-3.1	-4.2	-60.3	-34.7
2003					
January	-16.2	-14.4	-15.9	-38.4	-23.3
February	2.9	21.6	5.7	57.6	19.5
March	25.4	145.6	46.3	-22.9	22.0
• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
	SEASONA	LLY ADJUSTED (% char	nge from preceding m	onth)	
2002					
January	5.7	-4.4	4.4	n.a.	36.7
February	-3.7	17.6	-1.3	n.a.	-26.0
March	-7.7	-10.3	-8.0	n.a.	2.7
April	16.5	14.5	16.3	n.a.	6.4
May	2.6	-8.4	1.2	n.a.	-7.0
June	-20.7	12.6	-16.8	n.a.	5.7
July	-13.7	-10.4	-13.2	n.a.	-22.2
August	36.6	35.5	36.4	n.a.	52.9
September	-18.9	-0.4	-15.8	n.a.	-13.3
October	129.8	-18.3	101.2	n.a.	37.7
November	-45.2	8.3	-41.0	n.a.	10.1
December	-2.0	12.9	0.1	n.a.	-29.5
2003	2.0	22.0	0.1		
January	6.3	-10.9	3.5	n.a.	-10.0
February	-16.2	-0.6	-14.0	n.a.	-8.0
March	-10.2 5.7	-0.6 161.2	30.9	n.a.	-8.0 7.9
IVIAICII	5.1	101.2	30.9	II.a.	1.9
• • • • • • • • • • • • • •					• • • • • • • • • • •
0000	TREND	ESTIMATES (% change	e from preceding mon	th)	
2002	2.2	0.3	0.0	1.0	1.0
January	3.2	0.3	2.8	-1.9	
February	1.8	0.5	1.6	-4.8	-0.8
March	0.4	1.0	0.4	-6.6	-2.0
April	-3.2	2.6	-2.5	-4.8	-3.3
May	-3.9	4.2	-2.9	-2.8	-2.8
June	-0.8	4.5	-0.1	2.5	0.8
July	4.0	4.4	4.1	10.7	6.3
August	7.7	3.9	7.1	14.4	9.7
September	8.1	-0.2	6.9	11.3	8.5
October	5.2	-1.1	4.4	5.4	4.8
November	0.8	2.6	1.0	-2.3	-0.2
December	-3.9	8.9	-2.2	-8.5	-4.6
2003					
January	-6.3	14.3	-3.3	-13.8	-7.0
February	-6.7	15.9	-2.8	-18.2	-7.9
March	-6.0	15.4	-1.6	-19.3	-6.8

⁽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
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	-		• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •
		PRIV	ATE SECTOR (Numb	er)		
1999-2000	8 287	1 457	18	145	8	9 915
2000-01	5 544	1 075	7 11	29 24	4 22	6 659
2001-02	8 845	1 642	11	24	22	10 544
2002						
March	756	130	0	0	0	886
April	701	266	2	0	1	970
May	795	156	0	0	2	953
June July	714 793	78 79	2 1	1 2	3 2	798 877
August	806	178	0	53	0	1 037
September	761	55	0	9	0	825
October	729	347	0	2	5	1 083
November	718	159	3	1	0	881
December	570	249	0	0	3	822
2003						
January	492	263	0	1	0	756
February	633	82	0	0	0	715
March	667	231	1	141	0	1 040
• • • • • • • • • • • •	• • • • • • • • • • • • •	PUB	LIC SECTOR (Numbe	er)	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •
	400					
1999-2000 2000-01	102 89	7 23	0 1	0 3	0 0	109 116
2000-01	319	40	0	0	0	359
2002						
2002 March	18	0	0	0	0	18
April	13	4	0	0	0	17
May	28	0	0	0	0	28
June	26	2	0	0	0	28
July	48	10	0	0	0	58
August	31	4	0	0	0	35
September	33	2	0	0	0	35
October	38	4	0	0	0	42
November	37	12	0 0	0 0	0 0	49
December 2003	44	16	U	U	U	60
January	21	6	0	0	0	27
February	18	12	0	0	0	30
March	11	0	0	0	0	11
• • • • • • • • • • • • •	• • • • • • • • • • • • • •		• • • • • • • • • • • • • •		• • • • • • • • • • • • • •	
			TOTAL (Number)			
1999-2000	8 389	1 464	18	145	8	10 024
2000-01	5 633	1 098	8	32	4	6 775
2001-02	9 164	1 682	11	24	22	10 903
2002						
March	774	130	0	0	0	904
April	714	270	2	0	1	987
May	823	156	0	0	2	981
June	740	80	2	1	3	826
July August	841 837	89 182	1 0	2 53	2	935 1 072
September	83 <i>1</i> 794	182 57	0	9	0	860
October	794 767	351	0	2	5	1 125
November	755	171	3	1	0	930
December	614	265	0	0	3	882
2003						
January	513	269	0	1	0	783
February	651	94	0	0	0	745
March	678	231	1	141	0	1 051

Period	New houses	New other residential building	Alterations and additions creating dwellings	Alterations and additions not creating dwellings	Conversion	Total residential building	Non- residential building	Total building
renou	Houses	bulluling	uweiiiiigs	uweiiings	Conversion	bulluling	bulluling	Dunung
			PRIVATI	E SECTOR (\$ mi	llion)			
1999-2000	838.7	175.3	1.3	162.3	18.8	1 196.5	361.8	1 558.3
2000-01	599.6	125.9	0.3	147.4	2.4	875.6	450.3	1 325.9
2001-02	1 002.0	166.2	1.0	186.6	1.1	1 356.9	559.6	1 916.5
2002								
March	84.7	10.7	0.0	13.8	0.0	109.2	43.0	152.2
April	81.8	28.0	0.2	16.0	0.0	125.9	39.3	165.2
May	96.5	20.1	0.0	16.5	0.0	133.2	48.5	181.7
June	86.7	6.9	0.5	16.7	0.1	110.8	59.5	170.3
July	97.4	10.5	0.0	19.6	0.3	127.7	46.6	174.3
August	92.8	13.7	0.0	20.6	1.3	128.4	66.7	195.1
September	90.8	5.3	0.0	18.7	1.2	116.0	49.2	165.2
October	92.3	101.6	0.0	20.3	0.2	214.4	51.8	266.3
November	89.3	23.0	0.4	19.2	0.0	131.9	52.6	184.5
December	73.4	32.7	0.0	19.4	0.0	125.6	54.4	179.9
2003	a= -		2.2		2.2		a= -	
January	62.2	28.9	0.0	16.4	0.0	107.5	25.0	132.6
February	83.9	8.6	0.0	20.1	0.0	112.6	59.9	172.5
March	85.5	34.3	0.2	23.5	26.0	169.5	40.1	209.5
• • • • • • • • • • •	• • • • • • • • •	• • • • • • • • • •	PUBLIC	SECTOR (\$ mil	lion)	• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • •
1999-2000	8.5	0.5	0.0	6.4	0.0	15.4	223.9	239.2
2000-01	8.0	2.2	0.1	7.0	0.1	17.3	267.8	285.2
2001-02	31.1	3.0	0.0	2.9	0.0	37.0	245.2	282.1
2002								
2002 March	1.7	0.0	0.0	0.5	0.0	2.1	31.9	34.0
April	1.2	0.4	0.0	0.0	0.0	1.6	16.5	18.1
May	2.6	0.0	0.0	0.1	0.0	2.7	7.0	9.7
June	2.5	0.1	0.0	0.4	0.0	3.0	8.7	11.8
July	5.0	0.9	0.0	0.3	0.0	6.1	6.7	12.9
August	3.2	0.5	0.0	0.1	0.0	3.8	54.3	58.1
September	3.5	0.1	0.0	0.4	0.0	4.0	25.9	29.9
October	3.8	0.3	0.0	0.0	0.0	4.1	4.3	8.3
November	3.4	1.2	0.0	0.5	0.0	5.0	110.2	115.2
December	4.0	1.6	0.0	0.0	0.0	5.6	10.3	15.9
2003								
January	2.1	0.5	0.0	0.2	0.0	2.8	14.8	17.6
February	2.3	1.5	0.0	0.2	0.0	4.0	2.9	6.9
March	1.0	0.0	0.0	0.1	0.0	1.1	8.3	9.4
• • • • • • • • • • •	• • • • • • • •		• • • • • • • • • • •			• • • • • • • • •	• • • • • • • • • •	
			TC	OTAL (\$ million)				
1999-2000	847.2	175.8	1.3	168.8	18.8	1 211.8	585.7	1 797.5
2000-01	607.6	128.0	0.5	154.4	2.5	892.9	718.2	1 611.1
2001-02	1 033.1	169.2	1.0	189.5	1.1	1 393.9	804.8	2 198.7
2002								
March	86.3	10.7	0.0	14.3	0.0	111.3	74.9	186.2
April	83.0	28.3	0.2	16.0	0.0	127.5	55.8	183.3
May	99.2	20.1	0.0	16.5	0.0	135.9	55.5	191.4
June	89.2	7.0	0.5	17.1	0.1	113.9	68.3	182.1
July	102.4	11.3	0.0	19.8	0.3	133.8	53.3	187.2
August	96.0	14.2	0.0	20.7	1.3	132.2	121.0	253.2
September	94.3	5.4	0.0	19.1	1.2	120.0	75.1	195.1
October	96.1	101.9	0.0	20.3	0.2	218.5	56.1	274.6
November	92.7	24.2	0.4	19.7	0.0	136.9	162.8	299.8
December	77.4	34.3	0.0	19.5	0.0	131.2	64.6	195.8
2003								
2003 January	64.2	29.5	0.0	16.6	0.0	110.3	39.8	150.2
	64.2 86.3	29.5 10.1	0.0 0.0	16.6 20.3	0.0 0.0	110.3 116.6	39.8 62.8	150.2 179.4

DWELLING UNITS APPROVED IN NEW RESIDENTIAL BUILDING(a): Original

NEW OTHER RESIDENTIAL BUILDING

August 837 141 36 177 5 0 0 0 5 182 101 September 794 28 10 38 19 0 0 0 19 57 85 120 Cotober 767 29 60 89 4 0 258 262 351 111 November 755 53 29 82 6 0 83 89 171 92 200 2 26 0 28 265 87 2003 29 2003 29 20 20 2 20 2 20 2 20 2		New houses		ed, row or terra		Flats, units	or apartments	in a building of		Total	Total new residential building
Period Period Property Storeys Storeys Storeys Storeys Storeys Total Property							Three				
1999-2000	Period		One storey		Total				Total		
2000-01 5 633 419 286 705 46 65 282 393 1088 673 2001-02 9 164 1009 376 1385 117 91 89 297 1682 1084 2002	• • • • • • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • •	NUMBER OF	DWELLING	units	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •
2000-01	1000 2000	0 200	GEO	206	1.046	26	166	216	410	1 464	0.053
2001-02											
January 687 43 17 60 16 0 0 16 76 76 76 February 836 96 21 117 0 14 0 14 131 96 March 774 92 17 109 0 21 0 0 21 130 90 April 714 130 56 186 4 0 0 40 0 40 156 97 June 740 50 26 76 0 4 0 0 40 156 97 June 740 50 26 76 0 4 0 0 40 156 97 June 740 50 26 76 0 4 0 0 18 89 93 August 837 141 36 177 5 0 0 5 182 101 September 794 28 10 38 19 0 0 19 57 85 October 767 29 60 89 4 0 258 262 351 111 November 755 53 29 82 6 0 83 89 171 92 2003 January 513 58 107 165 4 0 100 104 269 78 February 661 59 31 90 4 0 0 0 4 94 74 March 678 36 34 70 14 77 70 161 231 90 2001 2001 2002 January 788 41 2.0 61 18 8.8 40 251 104 291 168 1202 2002 January 788 41 2.0 61 18 8.0 2.1 0.0 0.1 18 89 1202 2002 January 788 41 2.0 61 1.8 0.0 0.0 1.8 7.8 8.6 February 92.6 8.3 2.7 11.0 0.0 1.2 0.0 9.1 168 1202 2002 January 788 41 2.0 61 1.8 0.0 0.0 1.8 7.8 1202 2003 January 788 41 2.0 61 1.8 0.0 0.0 0.1 1.8 7.8 8.6 February 92.6 8.3 2.7 11.0 0.0 1.2 0.0 9.0 9.2 2.8 3111 May 99.2 9.2 7.7 16.9 0.0 3.2 0.0 3.2 2.0 111 May 99.2 9.2 7.7 16.9 0.0 3.2 0.0 3.2 2.0 111 May 99.2 9.2 7.7 16.9 0.0 3.2 0.0 0.0 0.6 5.4 99 0.0 0.0 0.6 5.4 99 0.0 0.0 0.6 5.4 99 0.0 0.0 0.6 5.4 99 0.0 0.0 0.6 5.4 99 0.0 0.0 0.6 5.4 99 0.0 0.0 0.6 5.4 99 0.0 0.0 0.6 5.4 99 0.0 0.0 0.6 5.4 99 0.0 0.0 0.0 0.6 5.4 99 0.0 0.											
January		9 164	1 009	310	1 385	117	91	89	291	1 082	10 846
February		607	40	17	60	16	0	0	16	76	762
March 774 92 17 109 0 21 0 21 130 99 April 714 130 56 186 4 0 80 84 270 98 May 823 67 49 116 0 40 0 40 155 97 June 740 50 26 76 0 4 0 4 80 82 July 841 38 33 71 8 10 0 18 89 93 August 837 141 36 177 5 0 0 5 182 101 September 794 28 10 38 19 0 0 19 57 85 October 767 29 60 89 4 0 258 262 351 11 11 10 10 10 10 1	-										
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August 837 141 36 177 5 0 0 0 5 182 101 September 794 28 10 38 19 0 0 0 19 57 85 000000000000000000000000000000000											
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2001-02 1 033.1 88.8 51.2 140.0 10.5 8.3 10.4 29.1 168.9 1 202. 2002 January 78.8 4.1 2.0 6.1 1.8 0.0 0.0 1.8 7.8 86. February 92.6 8.3 2.7 11.0 0.0 1.2 0.0 1.2 10.4 March 86.3 6.9 1.7 8.6 0.0 2.1 0.0 2.1 10.7 97. April 83.0 12.0 7.2 19.1 0.2 0.0 9.0 9.2 28.3 111. May 99.2 9.2 7.7 16.9 0.0 3.2 0.0 3.2 20.1 119. June 89.2 3.8 3.0 6.7 0.0 0.3 0.0 0.3 7.0 96. July 102.4 3.3 6.1 9.4 0.9 1.1 0.0 2.0 11.3 113. <td></td>											
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January 78.8 4.1 2.0 6.1 1.8 0.0 0.0 1.8 7.8 86. February 92.6 8.3 2.7 11.0 0.0 1.2 0.0 1.2 12.2 104. March 86.3 6.9 1.7 8.6 0.0 2.1 0.0 2.1 10.7 97. April 83.0 12.0 7.2 19.1 0.2 0.0 9.0 9.2 28.3 111. May 99.2 9.2 7.7 16.9 0.0 3.2 0.0 3.2 20.1 119. June 89.2 3.8 3.0 6.7 0.0 0.3 0.0 0.3 7.0 96. July 102.4 3.3 6.1 9.4 0.9 1.1 0.0 2.0 11.3 113. August 96.0 8.8 4.9 13.8 0.4 0.0 0.0 0.6 5.4 99.		1 055.1	00.0	31.2	140.0	10.5	0.5	10.4	29.1	100.9	1 202.1
February 92.6 8.3 2.7 11.0 0.0 1.2 0.0 1.2 12.2 104. March 86.3 6.9 1.7 8.6 0.0 2.1 0.0 2.1 10.7 97. April 83.0 12.0 7.2 19.1 0.2 0.0 9.0 9.2 28.3 111. May 99.2 9.2 7.7 16.9 0.0 3.2 0.0 3.2 20.1 119. June 89.2 3.8 3.0 6.7 0.0 0.3 0.0 0.3 7.0 96. July 102.4 3.3 6.1 9.4 0.9 1.1 0.0 0.3 7.0 96. July 102.4 3.3 6.1 9.4 0.9 1.1 0.0 0.0 11.3 113. August 96.0 8.8 4.9 13.8 0.4 0.0 0.0 0.6 5.4 99. <		78.8	<i>A</i> 1	2.0	6.1	1.8	0.0	0.0	1.8	7.8	86.7
March 86.3 6.9 1.7 8.6 0.0 2.1 0.0 2.1 10.7 97. April 83.0 12.0 7.2 19.1 0.2 0.0 9.0 9.2 28.3 111. May 99.2 9.2 7.7 16.9 0.0 3.2 0.0 3.2 20.1 119. June 89.2 3.8 3.0 6.7 0.0 0.3 0.0 0.3 7.0 96. July 102.4 3.3 6.1 9.4 0.9 1.1 0.0 2.0 11.3 113. August 96.0 8.8 4.9 13.8 0.4 0.0 0.0 0.4 14.2 110. September 94.3 2.8 2.0 4.8 0.6 0.0 0.0 0.6 5.4 99. October 96.1 3.1 7.7 10.8 0.5 0.0 90.6 91.1 101.9 198. <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>104.8</td>	-										104.8
April 83.0 12.0 7.2 19.1 0.2 0.0 9.0 9.2 28.3 111. May 99.2 9.2 7.7 16.9 0.0 3.2 0.0 3.2 20.1 119. June 89.2 3.8 3.0 6.7 0.0 0.3 0.0 0.3 7.0 96. July 102.4 3.3 6.1 9.4 0.9 1.1 0.0 0.3 7.0 96. August 96.0 8.8 4.9 13.8 0.4 0.0 0.0 0.4 14.2 110. September 94.3 2.8 2.0 4.8 0.6 0.0 0.0 0.6 5.4 99. October 96.1 3.1 7.7 10.8 0.5 0.0 90.6 91.1 101.9 198. November 92.7 5.2 4.1 9.3 0.4 0.0 14.5 14.9 24.2 116.	•										97.0
May 99.2 9.2 7.7 16.9 0.0 3.2 0.0 3.2 20.1 119. June 89.2 3.8 3.0 6.7 0.0 0.3 0.0 0.3 7.0 96. July 102.4 3.3 6.1 9.4 0.9 1.1 0.0 2.0 11.3 113. August 96.0 8.8 4.9 13.8 0.4 0.0 0.0 0.4 14.2 110. September 94.3 2.8 2.0 4.8 0.6 0.0 0.0 0.4 14.2 110. September 94.3 2.8 2.0 4.8 0.6 0.0 0.0 0.6 5.4 99. October 96.1 3.1 7.7 10.8 0.5 0.0 90.6 91.1 101.9 198. November 92.7 5.2 4.1 9.3 0.4 0.0 14.5 14.9 24.2 116.											
June 89.2 3.8 3.0 6.7 0.0 0.3 0.0 0.3 7.0 96. July 102.4 3.3 6.1 9.4 0.9 1.1 0.0 2.0 11.3 113. August 96.0 8.8 4.9 13.8 0.4 0.0 0.0 0.4 14.2 110. September 94.3 2.8 2.0 4.8 0.6 0.0 0.0 0.6 5.4 99. October 96.1 3.1 7.7 10.8 0.5 0.0 90.6 91.1 101.9 198. November 92.7 5.2 4.1 9.3 0.4 0.0 14.5 14.9 24.2 116. December 77.4 24.5 8.2 32.7 0.1 1.5 0.0 1.6 34.3 111. 2003 January 64.2 4.7 15.3 20.0 0.5 0.0 9.0 9.5	•										
July 102.4 3.3 6.1 9.4 0.9 1.1 0.0 2.0 11.3 113. August 96.0 8.8 4.9 13.8 0.4 0.0 0.0 0.4 14.2 110. September 94.3 2.8 2.0 4.8 0.6 0.0 0.0 0.6 5.4 99. October 96.1 3.1 7.7 10.8 0.5 0.0 90.6 91.1 101.9 198. November 92.7 5.2 4.1 9.3 0.4 0.0 14.5 14.9 24.2 116. December 77.4 24.5 8.2 32.7 0.1 1.5 0.0 1.6 34.3 111. 2003 January 64.2 4.7 15.3 20.0 0.5 0.0 9.0 9.5 29.5 93. February 86.3 5.9 3.9 9.8 0.3 0.0 0.0	-										
August 96.0 8.8 4.9 13.8 0.4 0.0 0.0 0.4 14.2 110. September 94.3 2.8 2.0 4.8 0.6 0.0 0.0 0.6 5.4 99. October 96.1 3.1 7.7 10.8 0.5 0.0 90.6 91.1 101.9 198. November 92.7 5.2 4.1 9.3 0.4 0.0 14.5 14.9 24.2 116. December 77.4 24.5 8.2 32.7 0.1 1.5 0.0 1.6 34.3 111. 2003 January 64.2 4.7 15.3 20.0 0.5 0.0 9.0 9.5 29.5 93. February 86.3 5.9 3.9 9.8 0.3 0.0 0.0 0.3 10.1 96.											
September 94.3 2.8 2.0 4.8 0.6 0.0 0.0 0.6 5.4 99. October 96.1 3.1 7.7 10.8 0.5 0.0 90.6 91.1 101.9 198. November 92.7 5.2 4.1 9.3 0.4 0.0 14.5 14.9 24.2 116. December 77.4 24.5 8.2 32.7 0.1 1.5 0.0 1.6 34.3 111. 2003 January 64.2 4.7 15.3 20.0 0.5 0.0 9.0 9.5 29.5 93. February 86.3 5.9 3.9 9.8 0.3 0.0 0.0 0.3 10.1 96.	•										
October 96.1 3.1 7.7 10.8 0.5 0.0 90.6 91.1 101.9 198. November 92.7 5.2 4.1 9.3 0.4 0.0 14.5 14.9 24.2 116. December 77.4 24.5 8.2 32.7 0.1 1.5 0.0 1.6 34.3 111. 2003 January 64.2 4.7 15.3 20.0 0.5 0.0 9.0 9.5 29.5 93. February 86.3 5.9 3.9 9.8 0.3 0.0 0.0 0.3 10.1 96.											
November 92.7 5.2 4.1 9.3 0.4 0.0 14.5 14.9 24.2 116. December 77.4 24.5 8.2 32.7 0.1 1.5 0.0 1.6 34.3 111. 2003 January 64.2 4.7 15.3 20.0 0.5 0.0 9.0 9.5 29.5 93. February 86.3 5.9 3.9 9.8 0.3 0.0 0.0 0.3 10.1 96.	•										99.7
December 77.4 24.5 8.2 32.7 0.1 1.5 0.0 1.6 34.3 111. 2003 January 64.2 4.7 15.3 20.0 0.5 0.0 9.0 9.5 29.5 93. February 86.3 5.9 3.9 9.8 0.3 0.0 0.0 0.3 10.1 96.											
2003 January 64.2 4.7 15.3 20.0 0.5 0.0 9.0 9.5 29.5 93. February 86.3 5.9 3.9 9.8 0.3 0.0 0.0 0.3 10.1 96.											
January 64.2 4.7 15.3 20.0 0.5 0.0 9.0 9.5 29.5 93. February 86.3 5.9 3.9 9.8 0.3 0.0 0.0 0.3 10.1 96.		11.4	24.5	8.2	32.1	0.1	1.5	0.0	1.6	34.3	111.7
February 86.3 5.9 3.9 9.8 0.3 0.0 0.0 0.3 10.1 96 .		04.0	4 7	45.0	00.0	0.5	0.0	0.0	0.5	00.5	00.7
	•										93.7
iviaicii 86.5 3.8 4.8 8.5 0.9 11.3 13.5 25.7 34.3 120.											
	iviarch	86.5	3.8	4.8	8.5	0.9	11.3	13.5	25.7	34.3	120.8

⁽a) See Glossary for definition.



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)	• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • • •
1999-2000	963.1	192.4	1 155.1	214.5	1 369.8	599.5	1 941.5
2000-01	607.6	128.0	735.6	157.3	892.9	718.2	1 611.1
2001-02	988.6	160.9	1 149.5	183.4	1 332.9	767.2	2 100.1
2001							
September	238.3	36.5	274.8	46.3	321.1	207.6	528.7
December	250.9	43.9	294.8	46.9	341.7	175.9	517.6
2002							
March	244.9	29.2	274.2	43.0	317.1	219.2	536.4
June	254.5	51.3	305.8	47.2	353.0	164.5	517.5
September	270.8	29.1	299.9	57.7	357.6	230.5	588.1
December	243.8	150.8	394.6	54.7	449.4	257.6	706.9
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •					• • • • • • • • • • • •	• • • • • • • • • • • • •
0004		ORIGIN	IAL (% change fi	rom preceding qu	iarter)		
2001	40.0	04.0	00.0	44.0	04.0	40.0	00.4
September	19.8	94.2	26.6	11.6	24.2	18.8	22.4
December	5.3	20.5	7.3	1.2	6.4	-15.3	-2.1
2002			7.0				
March	-2.4	-33.5	-7.0	-8.4	-7.2	24.6	3.6
June	3.9	75.4	11.5	9.9	11.3	-25.0	-3.5
September	6.4	-43.2	-1.9	22.2	1.3	40.1	13.6
December	-9.9	417.4	31.6	-5.1	25.7	11.8	20.2

⁽a) Reference year for chain volume measures is 2000-2001. Refer to Explanatory Notes paragraph 24-25.

⁽b) Refer to Explanatory Notes paragraph 16.



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

	other s	, motels and short term modation	Shops		Factor	ies	Offices .		Other bi	usiness es	Educatio	onal
Period	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • •		• • • • • • • • • • • • • • • • • • •	0.000 010	0.000	• • • • • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • • •
2003				vai	ue—\$5	50,000-\$19	9,999					
January	0	0.0	10	0.8	3	0.4	9	0.9	7	0.5	16	1.8
February	4	0.4	17	1.7	5	0.5	16	1.8	15	1.4	1	0.2
March	4	0.4	21	2.3	8	0.5	15	1.3	12	1.0	5	0.4
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • •	Valu	ue—\$20	00,000–\$49	99,999	• • • • • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • •
2003												
January	1	0.2	3	0.9	5	1.4	2	0.8	3	0.8	2	0.6
February	2	0.6	3	0.7	2	0.4	5	1.6	5	1.3	1	0.5
March	1	0.3	6	1.5	3	0.9	4	1.2	4	0.9	3	0.8
• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • •	Valı	ıe—\$50	00,000–\$99	9999	• • • • • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • • •
2003				Varia	,	00,000 400	,,,,,,,					
January	0	0.0	4	2.3	0	0.0	1	0.9	1	0.8	3	1.9
February	0	0.0	1	0.8	1	0.5	0	0.0	2	1.6	0	0.0
March	0	0.0	1	0.9	1	0.5	2	1.4	1	0.7	1	0.7
• • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • •	Value	\$1_0	00,000–\$4,	000 00	α	• • • • •	• • • • • • • •	• • • • •	• • • • • • •
2003				value-	—φ 1 ,00	00,000-\$4,	999,99	9				
January	1	4.0	0	0.0	0	0.0	1	2.0	1	1.7	1	1.8
February	0	0.0	2	2.9	3	6.2	0	0.0	1	1.2	0	0.0
March	0	0.0	2	5.5	0	0.0	0	0.0	2	2.2	0	0.0
• • • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • •	• • • • • • • • •	• • • • •			• • • • • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • • •
0000				Valu	ıe—\$5,	,000,000 aı	nd over					
2003 January	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
February	0	0.0	1	13.0	1	5.0	0	0.0	0	0.0	0	0.0
March	0	0.0	1	9.8	0	0.0	0	0.0	0	0.0	1	5.8
• • • • • • • • •		• • • • • • • •		• • • • • • • •	• • • • •			• • • • • • • • •		• • • • • • • •		• • • • • • •
					Va	lue—Total						
1999-2000	50	52.1	236	70.8	98	35.6	218	86.7	239	68.8	122	71.4
2000-01	34	32.8	264	93.0	87	60.3	218	88.8	222	67.6	115	135.4
2001-02	32	72.7	297	105.8	90	59.7	215	106.3	268	89.0	107	97.9
2003												
January	2	4.2	17	4.1	8	1.8	13	4.6	12	3.8	22	6.1
February	6	1.0	24	19.1	12	12.7	21	3.4	23	5.5	2	0.6
March	5	0.7	31	20.0	12	1.9	21	3.9	19	4.8	10	7.6



	Religious	·	Health			nment and nal	Miscellai	neous	Total non-r building	esidential
Period	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
• • • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • •	Value—\$5	0,000-\$1	99,999	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •
2003										
January	1	0.1	0	0.0	0	0.0	7	0.7	53	5.1
February	0	0.0	2	0.2	1	0.1	5	0.5	66	6.8
March	1	0.1	1	0.1	1	0.1	3	0.2	71	6.5
• • • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • •	Value—\$20	00.000_\$/	99 999	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •
2003				value—\$20	,σσσ–φ4	.99,999				
January	0	0.0	0	0.0	2	0.5	4	0.9	22	6.1
February	0	0.0	1	0.3	5	1.2	1	0.5	25	7.1
March	0	0.0	1	0.5	1	0.2	2	0.8	25	7.1
• • • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • •				• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •
2003				Value—\$50	00,000-\$9	199,999				
January	0	0.0	0	0.0	0	0.0	0	0.0	9	5.9
February	0	0.0	0	0.0	2	1.3	0	0.0	6	4.2
March	0	0.0	1	0.8	1	0.7	0	0.0	8	5.7
• • • • • • • • • •	• • • • • • • •	• • • • • • • • •	V	alue—\$1,00	0.000-\$4	.999.999	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • •
2003				. ,	, , , , , ,	, ,				
January	0	0.0	1	4.5	0	0.0	4	8.7	9	22.7
February	0	0.0	1	1.0	0	0.0	0	0.0	7	11.3
March	0	0.0	1	1.2	0	0.0	4	4.7	9	13.6
• • • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • •	Value—\$5,	000 000	and over	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •
2003				value—\$5,	000,000 8	and over				
January	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
February	0	0.0	0	0.0	1	15.5	0	0.0	3	33.5
March	0	0.0	0	0.0	0	0.0	0	0.0	2	15.6
• • • • • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • •			• • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •
				Val	ue—Total					
1999-2000	24	11.8	63	46.3	47	118.8	79	23.4	1 176	585.7
2000-01	16	3.5	52	149.5	52	29.3	82	57.8	1 142	718.2
2001-02	19	4.6	75	183.1	58	51.5	96	34.3	1 257	804.8
2003										
January	1	0.1	1	4.5	2	0.5	15	10.3	93	39.8
February	0	0.0	4	1.5	9	18.0	6	1.0	107	62.8
March	1	0.1	4	2.6	3	1.0	9	5.7	115	48.4

	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)											
1999-2000	51.7	70.8	35.5	52.5	66.3	31.9	11.8	16.1	15.5	9.7	361.8
2000-01	31.9	88.4	60.3	72.1	63.3	38.4	3.5	57.7	22.7	11.9	450.3
2001-02	72.5	104.7	59.7	69.5	79.0	49.4	4.6	70.6	26.0	23.6	559.6
2002											
March	0.1	5.5	10.4	3.1	9.0	8.2	0.1	1.1	1.7	3.7	43.0
April	0.4	7.0	0.4	11.5	4.5	2.8	0.1	11.2	0.4	1.0	39.3
May	0.6	5.1	5.5	3.8	9.3	3.9	2.2	8.6	5.3	4.3	48.5
June	28.1	6.0	1.3	4.7	6.2	3.7	0.4	5.5	2.4	1.1	59.5
July August	0.6 1.7	12.7 16.4	4.1 5.4	2.0 1.9	6.8 12.8	0.5 9.2	0.0 0.3	8.5 9.3	0.9 5.4	10.4 4.4	46.6 66.7
September	0.4	7.7	3.5	1.3	8.8	2.0	0.3	18.0	2.4	5.0	49.2
October	0.4	25.2	4.4	5.1	6.6	1.8	0.7	5.5	0.1	2.0	51.8
November	6.9	6.3	6.4	3.1	3.3	11.2	0.1	12.0	2.3	1.2	52.6
December	15.5	10.2	3.4	11.5	3.7	3.5	0.5	0.5	1.9	3.5	54.4
2003											
January	4.2	4.1	1.8	2.5	3.7	2.3	0.1	4.5	0.0	2.0	25.0
February	1.0 0.7	19.1	12.1 1.9	2.3 3.7	5.5 4.5	0.2 1.0	0.0	1.2 2.6	17.7 1.0	0.8	59.9
March	0.7	20.0	1.9	3.1	4.5	1.0	0.1	2.0	1.0	4.5	40.1
• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • •	• • • • • • •	PUBLIC	SECTOR (\$	million)	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •
1999-2000	0.4	0.0	0.1	34.1	2.6	39.5	0.0	30.1	103.3	13.7	223.9
2000-01	0.8	4.6	0.0	16.7	4.3	97.0	0.0	91.8	6.6	45.9	267.8
2001-02	0.2	1.1	0.0	36.8	10.0	48.5	0.0	112.5	25.4	10.6	245.2
2002											
March	0.0	0.1	0.0	6.9	3.9	18.8	0.0	0.4	0.0	1.9	31.9
April	0.0	0.0	0.0	2.1	0.0	4.8	0.0	9.0	0.0	0.6	16.5
May	0.0	0.0	0.0	3.7	0.1	1.4	0.0	1.6	0.1	0.1	7.0
June	0.0	0.1	0.0	5.5	0.2	0.4	0.0	0.0	0.0	2.6	8.7
July	0.0	0.0	0.0	0.0	2.6	2.9	0.0	0.1	0.1	1.1	6.7
August	0.2	0.0	0.0	0.8	2.0	14.7	0.0	0.6	0.1	36.0	54.3
September October	0.1 0.0	0.9 2.0	0.0 0.0	16.2 0.5	0.6 0.2	8.1 0.9	0.0	0.0 0.1	0.0 0.2	0.0 0.4	25.9 4.3
November	0.0	0.9	0.0	0.3	0.2	24.3	0.0	1.5	3.6	79.6	110.2
December	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.4	0.0	4.4	10.3
2003											
January	0.0	0.0	0.0	2.1	0.1	3.8	0.0	0.0	0.5	8.3	14.8
February	0.0	0.0	0.5	1.1	0.0	0.5	0.0	0.3	0.4	0.2	2.9
March	0.0	0.0	0.0	0.2	0.3	6.6	0.0	0.0	0.0	1.2	8.3
• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • •	• • • • • • •	TO	TAL (\$ mill	ion)	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •
1999-2000	52.1	70.8	35.6	86.7	68.8	71.4	11.8	46.3	118.8	23.4	585.7
2000-01	32.8	93.0	60.3	88.8	67.6	135.4	3.5	149.5	29.3	57.8	718.2
2001-02	72.7	105.8	59.7	106.3	89.0	97.9	4.6	183.1	51.5	34.3	804.8
2002											
March	0.1	5.6	10.4	10.0	12.9	27.0	0.1	1.5	1.7	5.6	74.9
April	0.4	7.0	0.4	13.6	4.5	7.6	0.1	20.2	0.4	1.7	55.8
May	0.6	5.1	5.5	7.5	9.4	5.3	2.2	10.3	5.3	4.4	55.5
June	28.1	6.1	1.3	10.2	6.4	4.1	0.4	5.5	2.4	3.7	68.3
July	0.6	12.7	4.1	2.0	9.4	3.4	0.0	8.6	1.0	11.5	53.3
August September	1.9 0.4	16.4 8.6	5.4 3.5	2.7 17.5	14.8 9.5	23.8 10.1	0.3 0.1	9.8 18.0	5.5 2.4	40.4 5.0	121.0 75.1
October	0.4	27.2	3.5 4.4	5.6	9.5 6.8	2.7	0.1	5.5	0.3	2.4	75.1 56.1
November	6.9	7.2	6.4	3.3	3.3	35.5	0.1	13.5	5.9	80.8	162.8
December	15.5	10.2	3.4	11.5	3.7	9.1	0.5	0.8	1.9	7.9	64.6
2003											
January 	4.2	4.1	1.8	4.6	3.8	6.1	0.1	4.5	0.5	10.3	39.8
February	1.0	19.1	12.7	3.4	5.5	0.6	0.0	1.5	18.0	1.0	62.8
March	0.7	20.0	1.9	3.9	4.8	7.6	0.1	2.6	1.0	5.7	48.4

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BUILDING APPROVED IN THE ADELAIDE STATISTICAL DIVISION: Original

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

⁽b) Refer to Explanatory Notes paragraph 16.



						Alterations an	d		
	New	New other residential	Total	New	New other residential	additions to residential	Total residential	Non- residential	Total
Statistical area	houses	building	dwellings(a)	houses	buildings	buildings(b)	building	building	building
• • • • • • • • • • • • • • • • • • • •			• • • • • • • • •			• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • •
SOUTH AUSTRALIA	1 842	594	2 579	237 044	73 802	86 704	397 550	150 958	548 508
Adelaide (SD)	1 155	543	1 841	152 510	65 752	74 077	292 338	116 503	408 842
Northern Adelaide (SSD)	440	14	454	54 758	1 000	5 128	60 886	46 244	107 130
Gawler (M) Playford (C)–East Central	60 28	8 0	68 28	5 925 3 318	589 0	227 121	6 740 3 439	395 375	7 135 3 814
Playford (C)–Elizabeth	1	0	1	81	0	54	135	3 035	3 170
Playford (C)-Hills	11	0	11	1 312	0	240	1 552	0	1 552
Playford (C)–West	7	0	7	743	0	113	855	70	925
Playford (C)–West Central Port Adel. Enfield (C)–East	11 100	0 6	11 106	1 148 13 023	0 412	35 347	1 183 13 782	150 2 103	1 333 15 885
Port Adel. Enfield (C)-East Port Adel. Enfield (C)-Inner	100	0	106	2 172	412 0	293	2 464	2 103 838	3 302
Salisbury (C)–Central	11	Ö	11	971	0	268	1 239	4 610	5 849
Salisbury (C)-Inner North	31	0	31	3 656	0	284	3 939	107	4 047
Salisbury (C)-North-East	2	0	2	244	0	174	418	500	918
Salisbury (C) South-East	36	0	36	4 852	0	542	5 394	1 481	6 876
Salisbury (C) Bal Tea Tree Gully (C)–Central	74 6	0 0	74 6	9 898 582	0	50 665	9 948 1 247	30 153 0	40 101 1 247
Tea Tree Gully (C)-Hills	4	0	4	486	0	266	751	0	751
Tea Tree Gully (C)-North	33	0	33	5 155	0	674	5 828	747	6 575
Tea Tree Gully (C)-South	6	0	6	1 195	0	776	1 971	1 679	3 649
Western Adelaide (SSD)	212	68	281	24 432	6 484	7 693	38 609	26 937	65 546
Charles Sturt (C) Locatal	27	8	35	4 080	1 150	1 095	6 325	3 980	10 305
Charles Sturt (C)-Inner East Charles Sturt (C)-Inner West	20 37	0 20	20 57	1 796 3 775	0 1 588	1 052 511	2 849 5 874	1 070 115	3 919 5 989
Charles Sturt (C)–North-East	36	30	66	4 057	2 170	1 360	7 587	2 933	10 520
Port Adel. Enfield (C)–Coast	10	2	12	891	500	945	2 336	580	2 916
Port Adel. Enfield (C)-Port	38	0	38	4 409	0	439	4 848	5 626	10 474
West Torrens (C)-East	20	8	29	2 156	1 076	1 370	4 601	1 246	5 847
West Torrens (C)-West Unincorp. Western	24 0	0 0	24 0	3 268 0	0	921 0	4 189 0	11 386 0	15 576 0
offincorp. Western	U	U	U	0	U	U	U	U	U
Eastern Adelaide (SSD)	149	357	648	25 532	46 557	49 293	121 382	31 778	153 160
Adelaide (C) Adelaide Hills (DC)–Central	2 5	299	301 5	425	39 420	1 370	41 215	28 213 0	69 428
Adelaide Hills (DC)–Central Adelaide Hills (DC)–Ranges	10	0 0	5 10	1 009 1 513	0	1 615 860	2 624 2 373	80	2 624 2 453
Burnside (C)–North-East	14	8	23	2 813	980	2 101	5 895	150	6 045
Burnside (C)-South-West	10	14	165	2 135	2 220	29 566	33 921	849	34 770
Campbelltown (C)-East	29	2	31	4 341	170	763	5 274	668	5 941
Campbelltown (C)–West	26	4	30	3 175	400	894	4 469	136	4 605
Norw. P'ham St Ptrs (C)–East Norw. P'ham St Ptrs (C)–West	15 8	2 14	17 22	2 343 1 648	250 1 760	976 2 532	3 569 5 940	115 1 266	3 684 7 206
Prospect (C)	6	6	12	1 213	407	2 669	4 288	80	4 368
Unley (C)-East	9	2	11	2 130	350	3 221	5 702	222	5 924
Unley (C)-West	10	0	10	1 380	0	2 497	3 877	0	3 877
Walkerville (M)	5	6	11	1 407	600	229	2 235	0	2 235
Southern Adelaide (SSD)	354	104	458	47 789	11 710	11 962	71 461	11 545	83 006
Holdfast Bay (C)–North	11	4	15	2 591	726	1 694	5 010	170	5 180
Holdfast Bay (C)–South Marion (C)–Central	11 34	5 44	16 78	1 485 4 318	1 246 4 368	688 1 322	3 419 10 008	0 3 036	3 419 13 045
Marion (C)–Certual Marion (C)–North	11	30	41	1 328	2 734	1 215	5 277	100	5 377
Marion (C)–South	60	0	60	7 199	0	805	8 004	100	8 104
Mitcham (C)-Hills	25	0	25	5 034	0	778	5 812	4 500	10 312
Mitcham (C)-North-East	5	2	7	1 287	305	1 189	2 781	405	3 186
Mitcham (C)-West	2	0	2	277	0	1 506	1 783	0	1 783
Onkaparinga (C)–Hackham Onkaparinga (C)–Hills	3 29	2 7	5 36	376 4 090	133 840	77 133	585 5 064	194 830	779 5 894
Onkaparinga (C)–niis Onkaparinga (C)–Morphett	29 8	0	30 8	4 090 594	0	384	978	802	1 780
Onkaparinga (C)-North Coast	30	2	32	3 334	250	218	3 802	562	4 364
Onkaparinga (C)-Reservoir	29	4	33	4 462	533	478	5 473	150	5 623
Onkaparinga (C)-South Coast	78	4	82	9 141	575	659	10 375	507	10 882
Onkaparinga (C)–Woodcroft	18	0	18	2 273	0	817	3 090	189	3 279



						Alterations an	d		
		New other	Ŧ.,,		New other	additions to	Total	Non-	T
Statistical area	New houses	residential building	Total dwellings(a)	New houses	residential buildings	residential buildings(b)	residential building	residential building	Total building
• • • • • • • • • • • • • • • • • • • •		• • • • • • •	•••••	• • • • • • • •	• • • • • • •				• • • • • •
Outer Adelaide (SD)	346	27	373	43 357	6 015	5 782	55 153	11 090	66 243
Barossa (SSD)	92	0	92	11 361	0	1 296	12 657	5 160	17 817
Barossa (DC)-Angaston	14	0	14	1 804	0	231	2 036	1 040	3 076
Barossa (DC)-Barossa	22	0	22	3 017	0	203	3 220	0	3 220
Barossa (DC)-Tanunda	8	0	8	1 080	0	332	1 412	350	1 762
Light (RegC)	35	0	35	4 060	0	370	4 430	3 770	8 200
Mallala (DC)	13	0	13	1 401	0	159	1 560	0	1 560
Kangaroo Island (SSD)	22	0	22	2 537	0	190	2 727	1 367	4 094
Kangaroo Island (DC)	22	0	22	2 537	0	190	2 727	1 367	4 094
Mt Lofty Ranges (SSD)	86	0	86	12 258	0	1 663	13 921	3 135	17 056
Adelaide Hills (DC)-North	8	0	8	1 668	0	302	1 970	70	2 040
Adelaide Hills (DC) Bal	11	0	11	1 443	0	282	1 725	1 450	3 175
Mount Barker (DC)-Central	54	0	54	7 460	0	752	8 212	1 615	9 827
Mount Barker (DC) Bal	13	0	13	1 687	0	327	2 014	0	2 014
Fleurieu (SSD)	146	27	173	17 201	6 015	2 633	25 848	1 428	27 276
Alexandrina (DC)-Coastal	56	5	61	6 677	945	1 106	8 727	350	9 077
Alexandrina (DC)-Strathalbyn	25	0	25	3 001	0	474	3 476	63	3 538
Victor Harbor (C)	43	22	65	4 945	5 070	697	10 712	1 015	11 727
Yankalilla (DC)	22	0	22	2 577	0	355	2 932	0	2 932
Yorke and Lower North (SD)	86	7	93	9 387	322	882	10 590	1 746	12 337
Yorke (SSD)	59	5	64	6 263	250	485	6 998	916	7 914
Barunga West (DC)	4	0	4	409	0	132	541	130	671
Copper Coast (DC)	21	5	26	2 562	250	217	3 029	0	3 029
Yorke Peninsula (DC)–North	9	0	9	928	0	49	977	453	1 430
Yorke Peninsula (DC)–South	25	0	25	2 365	0	87	2 452	333	2 784
Unincorp. Yorke	0	0	0	0	0	0	0	0	0
Lower North (SSD)	27	2	29	3 124	72	397	3 592	830	4 422
Clare and Gilbert Valleys (DC)	11	0	11	1 303	0	195	1 498	420	1 918
Goyder (DC)	7	0	7	726	0	22	747	0	747
Wakefield (DC)	9	2	11	1 095	72	180	1 347	410	1 757
Murray Lands (SD)	104	14	118	10 968	963	1 078	13 010	2 832	15 841
Riverland (SSD)	35	0	35	3 902	0	686	4 588	444	5 032
Berri & Barmera (DC)-Barmera	1	0	1	55	0	48	104	88	192
Berri & Barmera (DC)-Berri	3	0	3	615	0	71	686	131	817
Loxton Waikerie (DC)–East	5	0	5	812	0	337	1 149	0	1 149
Loxton Waikerie (DC)–West	2	0	2	170	0	71	241	110	351
Mid Murray (DC)	16	0	16	1 191	0	136	1 327	0	1 327
Renmark Paringa (DC)–Paringa Renmark Paringa (DC)–Renmark	3	0 0	3	277 782	0 0	0 22	277 804	0	277
Unincorp. Riverland	5 0	0	5 0	0	0	0	0	115 0	919 0
Murray Mallee (SSD)	69	14	83	7 066	963	392	8 421	2 388	10 809
Karoonda East Murray (DC)	0	2	2	0	233	0	233	0	233
Murray Bridge (RC)	61	12	73	6 250	730	162	7 142	686	7 828
Southern Mallee (DC)	1	0	1	120	0	30	150	450	600
The Coorong (DC)	7	0	7	697	0	200	896	1 252	2 148
Unincorp. Murray Mallee	0	0	0	0	0	0	0	0	0
South East (SD)	81	0	81	11 979	0	2 021	14 000	10 602	24 602
Upper South East (SSD)	37	0	37	5 294	0	450	5 743	1 640	7 383
Lacepede (DC)	10	0	10	1 211	0	37	1 248	0	1 248
Naracoorte and Lucindale (DC)	20	0	20	2 855	0	298	3 153	620	3 773
Robe (DC)	3	0	3	690	0	82	772	1 020	1 792
Tatiara (DC)	4	0	4	538	0	32	570	0	570



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

	New	New other residential	Total	New	New other residential	Alterations an additions to residential	d Total residential	Non- residential	Total
Statistical area	houses	building	dwellings(a)	houses	buildings	buildings(b)	building	building	building
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •
Lower South East (SSD)	44	0	44	6 686	0	1 571	8 257	8 962	17 219
Grant (DC)	6	0	6	960	0	120	1 080	2 016	3 095
Mount Gambier (C)	26	0	26	4 271	0	1 231	5 502	750	6 252
Wattle Range (DC)-East	3	0	3	352	0	86	438	150	588
Wattle Range (DC)-West	9	0	9	1 104	0	134	1 238	6 046	7 284
Eyre (SD)	49	3	52	6 251	750	1 704	8 705	3 446	12 152
Lincoln (SSD)	43	3	46	5 746	750	1 677	8 173	3 335	11 508
Cleve (DC)	6	0	6	604	0	0	604	0	604
Elliston (DC)	1	0	1	84	0	157	242	80	322
Franklin Harbor (DC)	2	0	2	135	0	34	169	0	169
Kimba (DC)	2	0	2	240	0	62	302	0	302
Le Hunte (DC)	2	0	2	163	0	140	303	0	303
Lower Eyre Peninsula (DC)	12	3	15	1 504	750	295	2 548	100	2 648
Port Lincoln (C)	14	0	14	2 388	0	784	3 172	2 840	6 011
Tumby Bay (DC)	4	0	4	628	0	206	834	315	1 149
Unincorp. Lincoln	0	0	0	0	0	0	0	0	0
West Coast (SSD)	6	0	6	506	0	27	533	112	644
Ceduna (DC)	3	0	3	363	0	13	376	52	428
Streaky Bay (DC)	3	0	3	143	0	14	157	60	217
Unincorp. West Coast	0	0	0	0	0	0	0	0	0
Northern (SD)	21	0	21	2 592	0	1 161	3 753	4 739	8 492
Whyalla (SSD)	0	0	0	0	0	335	335	832	1 167
Whyalla (C)	0	0	0	0	0	335	335	832	1 167
Unincorp. Whyalla	0	0	0	0	0	0	0	0	0
Pirie (SSD)	10	0	10	1 235	0	438	1 673	960	2 633
Northern Areas (DC)	2	0	2	251	0	140	392	0	392
Orroroo/Carrieton (DC)	0	0	0	0	0	41	41	75	116
Peterborough (DC)	0	0	0	0	0	29	29	0	29
Port Pirie C, Dists (M)-City	4	0	4	481	0	228	709	885	1 593
Port Pirie C, Dists (M) Bal	3	0	3	426	0	0	426	0	426
Unincorp. Pirie	1	0	1	77	0	0	77	0	77
Flinders Ranges (SSD)	7	0	7	815	0	376	1 191	158	1 349
Flinders Ranges (DC)	0	0	0	0	0	0	0	0	0
Mount Remarkable (DC)	2	0	2	120	0	176	296	58	354
Port Augusta (C)	5	0	5	695	0	150	846	100	946
Unincorp. Flinders Ranges	0	0	0	0	0	50	50	0	50
Far North (SSD)	4	0	4	542	0	12	554	2 789	3 343
Coober Pedy (DC)	0	0	0	0	0	0	0	200	200
Roxby Downs (M)	2	0	2	201	0	12	213	0	213
Unincorp. Far North	2	0	2	341	0	0	341	2 589	2 930

⁽a) Includes conversions and dwelling units approved as part (b) Refer to Explanatory Notes paragraph 16. of alterations and additions or the construction of non-residential buildings.

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** 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 done 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 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.

ABS DATA AVAILABLE ON REQUEST

27 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

- **28** Users may also wish to refer to the following publications:
- Building Activity, Australia, cat. no. 8752.0
- Building Activity, Australia: Dwelling Unit Commencements, cat. no. 8750.0
- Building Activity, South Australia, cat. no. 8752.4
- Building Approvals, Australia, cat. no. 8731.0
- 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
- **29** 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, 8752.4 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

30 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 available

C City

DC District Council
M Municipality
RC Rural City

SD Statistical DivisionSSD Statistical Subdivision

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; through either new or alteration/addition work on non-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 buildings Building activity which will result in the creation of a residential building other

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

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

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

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