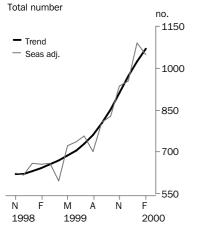




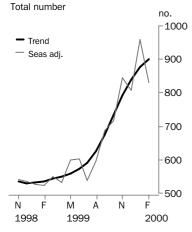
# BUILDING APPROVALS SOUTH AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) MON 3 APR 2000

#### **Dwelling units approved**



### **Private sector houses approved**



 For further information about these and related statistics, contact Roger Mableson on Adelaide
 08 8237 7494 or Client Services in any ABS office as shown on the back cover of this publication.

### FEBRUARY KEY FIGURES

TREND ESTIMATES		% change Jan 2000 to	% change Feb 1999 to
	Feb 2000	Feb 2000	Feb 2000
Dwelling units approved			
Private sector houses	900	2.7	67.9
Total dwelling units	1 070	4.4	66.7
SEASONALLY ADJUSTED	Feb 2000	% change Jan 2000 to Feb 2000	% change Feb 1999 to Feb 2000
Dwelling units approved			
Private sector houses	830	-13.6	58.8
Total dwelling units	1 048	-3.9	60.0

### FEBRUARY KEY POINTS

### TREND ESTIMATES

- For the fourteenth consecutive month the trend estimate for private sector houses has increased, rising 2.7% in February and is now 69.8% above the last low in December 1998.
- The trend estimate for total dwelling units increased 4.4%. Increases totalling 72.6% have now been recorded since December 1998.

### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for private sector houses decreased 13.6% in February, following a 19.0% increase in January.
- The seasonally adjusted estimate for total dwelling units decreased 3.9% and follows increases totalling 55.5% over the previous five months.

### ORIGINAL ESTIMATES

- There were 1,073 dwelling units approved in February (up 50.7%), comprising 838 houses and 235 other dwellings. This is the highest figure recorded since September 1994.
- The value of total building approved was \$173.9 million, an increase of 74.5% from January's low of \$99.6 million. Residential building recorded a high level at \$130.5 million and non-residential building was valued at \$43.3 million.

### N O T E S

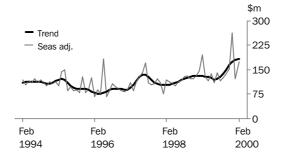
FORTHCOMING ISSUES	ISSUE	RELEASE DATE
	March 2000	12 May 2000
	June 2000	8 August 2000
	•••••	• • • • • • • • • • • • • • • • • • • •
CHANGES IN THIS ISSUE	There are no changes in this issue.	
	•••••••	• • • • • • • • • • • • • • • • • • • •
DATA NOTES	There will be some changes to the frequency commencing with the next issue (March 200 From next month this publication will only b will continue to include monthly data at the 12) will however include quarterly, not mont as a special data service. Subsequent issues September and December periods.	0) which will be released on 12 May 2000. be released on a quarterly basis, although it State/Territory level. Sub-state data (table thly data - monthly data will still be available
	The national publication, Building Approvals to be released on a monthly basis and will, fr additional tables containing State and Capita these changes please contact Loucas Harous	rom the next issue, include a number of l City data. If you have any questions about
REVISIONS THIS MONTH	There are no revisions this month.	
	• • • • • • • • • • • • • • • • • • • •	

lan Crettenden Regional Director, South Australia

2 ABS • BUILDING APPROVALS, SOUTH AUSTRALIA • 8731.4 • FEBRUARY 2000

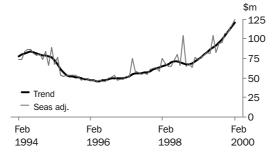
VALUE OF TOTAL BUILDING

The trend has continued to grow over the last eight months and is now 51.7% higher than the last low in June 1999.



### VALUE OF RESIDENTIAL BUILDING

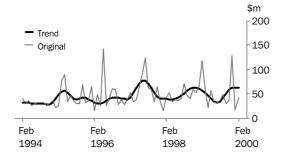
The series has increased 78.7% since the last low in November 1998, with growth of 5.0% recorded this month.



### VALUE OF NON-RESIDENTIAL BUILDING

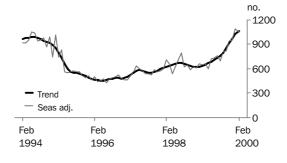
. . . . .

The trend fell 2.5% and is now at a similar level to January 1999. This follows increases totalling 100.9% over the previous six months.



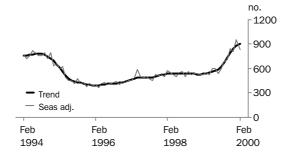
TOTAL DWELLING UNITS

The trend has grown constantly over the last fourteen months to be at its highest level since April 1993.



### PRIVATE SECTOR HOUSES

The rate of growth in the trend has slowed with increases of 6.1%, 4.5% and 2.7% being recorded in December 1999, January and February 2000. This month has experienced an all time high of 900 houses.

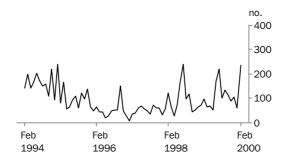


### OTHER DWELLINGS (ORIGINAL)

This is a volatile series with the February estimate being 273.0% higher than January and the highest since July 1998.

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WHAT IF...? REVISIONS TO TREND ESTIMATES

### EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

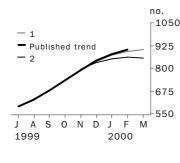
Readers should exercise care when interpreting trend estimates. The last six trend estimates, in particular, are likely to be revised when new seasonally adjusted estimates become available.

# TREND REVISIONSGenerally, the greater the volatility of the original series, the larger the size of the<br/>revisions to trend estimates. Analysis of the building approval original series has shown<br/>that they can be revised substantially. As a result, some months can elapse before<br/>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 March seasonally adjusted estimate is higher than the February estimate by 7% for the number of private sector houses approved and 9% for total dwelling units approved; and that the March seasonally adjusted estimate is lower than the February estimate by 7% 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.

ADJUSTED ESTIMATE:

#### PRIVATE SECTOR HOUSES



D		TREND /		<b>1</b> rises by	7% on Feb 2000	<b>2</b> falls by	7% on Feb 2000	
		no.	% change	no.	% change	no.	% change	
	October 1999	734	8.6	735	8.7	739	8.9	
	November 1999	791	7.8	792	7.7	794	7.4	
	December 1999	839	6.1	837	5.8	832	4.8	
	January 2000	877	4.5	870	3.9	852	2.4	
	February 2000	900	2.7	892	2.5	859	0.8	
	March 2000	n.y.a.	n.y.a.	904	1.3	854	-0.6	

### TOTAL DWELLING UNITS

\*m - 1 - Published trend - 2 - 900 - 775 - 650 - 102 - 900 - 775 - 650 - 1999 - 2000

### WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:

WHAT IF NEXT MONTH'S SEASONALLY

\$m   1150		TREND A		<b>1</b> rises by S	9% on Feb 2000	<b>2</b> falls by S	9% on Feb 2000
-1025		no.	% change	no.	% change	no.	% change
-900							
-775	October 1999	853	6.4	851	6.2	858	6.7
113	November 1999	913	7.0	911	7.1	915	6.6
-650	December 1999	971	6.4	974	6.9	966	5.6
	January 2000	1 025	5.6	1 032	6.0	1 005	4.0
	February 2000	1070	4.4	1 083	4.9	1 031	2.6
	March 2000	n.y.a.	n.y.a.	1 120	3.4	1041	1.0



Month . . . . 1998

1999

2000

. . . . 1998

1999

2000

• • • • 1998

1999

### DWELLING UNITS APPROVED

• • • • • • •		ONITS APPROV	•••••		• • • • • • • • • •	•••••
	HOUSES		OTHER DWE	ELLINGS	TOTAL DWEL	LING UNITS
	Private sector	Total	Private sector	Total	Private sector	Total
<i>fonth</i>	no.	no.	no.	no.	no.	no.
			ORIGINAL	• • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • •
.998						
December	489	496	67	67	556	563
1999						
January	361	371	73	73	434	444
February	494	510	97	97	591	607
March	644	683	67	67	711	750
April	487	497	71	71	558	568
	601	631	52	52	653	683
May						
June	652	673	162	172	814	845
July	615	620	222	222	837	842
August	663	669	102	102	765	771
September	731	772	135	135	866	907
October	667	681	110	113	777	794
November	892	904	89	89	981	993
December	736	736	106	106	842	842
2000						
January	649	649	63	63	712	712
February	836	838	235	235	1071	1 073
2						
•••••	• • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •		•••••
		SEA	SONALLY ADJUSTED	)		
1998						
December	536	546	n.a.	n.a.	602	615
1999						
January	525	545	n.a.	n.a.	639	659
February	522	541	n.a.	n.a.	630	655
March	551	568	n.a.	n.a.	635	660
April	531	542	n.a.	n.a.	583	596
May	600	637	n.a.	n.a.	699	721
June	603	611	n.a.	n.a.	717	735
July	538	549	n.a.	n.a.	752	758
August	596	597		n.a.	696	701
-	687		n.a.		781	807
September		726	n.a.	n.a.		
October	716	733	n.a.	n.a.	797	826
November	844	857	n.a.	n.a.	921	937
December	807	815	n.a.	n.a.	950	952
2000						
January	960	977	n.a.	n.a.	1 088	1 090
February	830	828	n.a.	n.a.	1 045	1 048
		т				
000		I	REND ESTIMATES			
L998	E20	E 40			E07	c00
December	530	548	n.a.	n.a.	597	620
1999						
January	531	549	n.a.	n.a.	606	629
February	536	555	n.a.	n.a.	620	642
March	543	561	n.a.	n.a.	634	655
April	551	569	n.a.	n.a.	651	670
May	559	576	n.a.	n.a.	670	687
June	572	588	n.a.	n.a.	691	706
h dha	500	C00			74.4	700

Ma Jun 592 729 July 608 714 n.a. n.a. August 626 643 n.a. n.a. 744 760 September 676 693 785 802 n.a. n.a. 751 October 734 n.a. n.a. 837 853 791 806 899 913 November n.a. n.a. 852 971 December 839 n.a. n.a. 961 2000 877 887 1 018 1 025 January n.a. n.a. February 900 907 n.a. n.a. 1 067 1070 . . . . . . . . . .

ABS • BUILDING APPROVALS, SOUTH AUSTRALIA • 8731.4 • FEBRUARY 2000



	HOUSES		OTHER DWEL	LINGS	TOTAL DWEL	LING UNITS
Month	Private sector	Total	Private sector	Total	Private sector	Total
		ORIGINAL (%	change from precedi	ng month)		
1998						
December	-9.4	-10.3	42.6	26.4	-5.3	-7.1
<b>1999</b>	00.0	05.0	0.0	0.0	01.0	04.4
January	-26.2 36.8	-25.2 37.5	9.0 32.9	9.0 32.9	-21.9 36.2	-21.1 36.7
February March	30.4	33.9	-30.9	-30.9	20.3	23.6
April	-24.4	-27.2	-30.9 6.0	-30.9 6.0	-21.5	-24.3
May	23.4	27.0	-26.8	-26.8	17.0	20.2
June	8.5	6.7	211.5	230.8	24.7	23.7
July	-5.7	-7.9	37.0	230.8	2.8	-0.4
August	7.8	7.9	-54.1	-54.1	-8.6	-8.4
September	10.3	15.4	32.4	32.4	13.2	17.6
October	-8.8	-11.8	-18.5	-16.3	-10.3	-12.5
November	33.7	32.7	-19.1	-21.2	26.3	25.1
December	-17.5	-18.6	19.1	19.1	-14.2	-15.2
2000	11.5	10.0	10.1	10.1	17.2	10.2
January	-11.8	-11.8	-40.6	-40.6	-15.4	-15.4
February	28.8	29.1	273.0	273.0	50.4	50.7
i olarada y						
• • • • • • • • • • • • • • •	Ę	SEASONALLY ADJUS	TED (% change from (	preceding month)	• • • • • • • • • • • • • • • • •	
1998					4.0	
December 1999	-1.1	-3.4	n.a.	n.a.	1.0	-1.1
January	-1.9	-0.2	n.a.	n.a.	6.2	7.2
February	-0.6	-0.7	n.a.	n.a.	-1.4	-0.6
March	5.5	5.0	n.a.	n.a.	0.8	0.8
April	-3.6	-4.6	n.a.	n.a.	-8.2	-9.7
May	12.8	17.5	n.a.	n.a.	20.0	21.0
June	0.5	-4.1	n.a.	n.a.	2.6	1.9
July	-10.7	-10.1	n.a.	n.a.	4.8	3.1
August	10.8	8.7	n.a.	n.a.	-7.4	-7.5
September October	15.3 4.2	21.6	n.a.	n.a.	12.1	15.1
November	4.2	1.0 16.9	n.a.	n.a.	2.1	2.4
December	-4.4	-4.9	n.a.	n.a.	15.6 3.2	13.4 1.6
2000	-4.4	-4.9	n.a.	n.a.	5.2	1.0
January	19.0	19.9	n.a.	n.a.	14.4	14.5
February	-13.6	-15.3	n.a.	n.a.	-3.9	-3.9
i olarada y	2010	2010			0.0	0.0
		TREND ESTIMATES	6 (% change from pre	ceding month)	• • • • • • • • • • • • • • • • •	
1998						
December 1999	-0.6	-0.9	n.a.	n.a.	0.0	0.0
January	0.2	0.2	n.a.	n.a.	1.5	1.5
February	0.9	1.1	n.a.	n.a.	2.3	2.1
March	1.2	1.1	n.a.	n.a.	2.3	2.0
April	1.5	1.4	n.a.	n.a.	2.7	2.3
May	1.4	1.2	n.a.	n.a.	2.8	2.5
June	2.2	2.1	n.a.	n.a.	3.2	2.8
July	3.5	3.4	n.a.	n.a.	3.4	3.3
August	5.9	5.8	n.a.	n.a.	4.2	4.3
September	8.0	7.8	n.a.	n.a.	5.4	5.5
October	8.6	8.4	n.a.	n.a.	6.6	6.4
November	7.8	7.3	n.a.	n.a.	7.3	7.0
December	6.1	5.7	n.a.	n.a.	7.0	6.4
2000		A 4	~ ~	<b>r c</b>	FO	FC
January	4.5 2.7	4.1 2.3	n.a.	n.a.	5.9	5.6
February	2.1	2.3	n.a.	n.a.	4.8	4.4
•••••	• • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • •	• • • • • • • • • • • • • • •	• • • • • • • • • • •

ABS  $\cdot$  BUILDING APPROVALS, SOUTH AUSTRALIA  $\cdot$  8731.4  $\cdot$  FEBRUARY 2000 7

		and					
	New	additions to	Total	Non-			
	residential	residential	residential	residential	Total		
	building	buildings(a)	building	building	building		
lonth	\$m	\$m	\$m	\$m	\$m		
		ORIGIN	AL	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •		
998 December	50.0	10.0	<u> </u>	52.5	440.7		
December	50.3	10.0	60.3	53.5	113.7		
999 Japuan	45.0	0.5	EE 1	68.0	100.1		
January	45.6	9.5	55.1	68.0	123.1		
February	58.2	12.4	70.6	118.4	189.0		
March	69.1	14.6	83.7	61.1	144.9		
April	56.6	10.8	67.4	22.7	90.1		
May	69.5	11.4	80.9	57.4	138.3		
June	72.3	16.5	88.8	31.7	120.5		
July	101.8	14.1	115.9	31.7	147.6		
August	76.4	15.5	91.9	37.5	129.4		
September	88.5	15.9	104.3	49.2	153.5		
October	79.6	14.0	93.7	31.6	125.2		
November	101.4	15.5	116.9	36.2	153.1		
December	85.8	13.4	99.2	129.5	228.8		
2000							
January	69.7	11.4	81.1	18.5	99.6		
February	111.8	18.7	130.5	43.3	173.9		
• • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	SEASONALLY A	DJUSTED	• • • • • • • • • • • • • • • • • •	• • • • • • • • • •		
.998							
December	54.3	10.2	64.4	n.a.	132.5		
.999							
January	64.6	12.2	76.7	n.a.	145.6		
February	59.2	13.4	72.7	n.a.	195.6		
March	63.7	12.8	76.5	n.a.	129.2		
April	66.8	12.1	79.0	n.a.	115.2		
May	70.1	12.6	82.7	n.a.	139.1		
June	66.8	15.4	82.2	n.a.	109.4		
July	90.5	14.4	104.9	n.a.	140.3		
August	67.9	15.1	82.9	n.a.	115.5		
September	80.6	13.7	94.2	n.a.	125.2		
October	82.7	13.0	95.7	n.a.	137.3		
November	92.3	14.9	107.2	n.a.	154.5		
December	95.1	13.5	108.7	n.a.	263.7		
.000							
January	100.5	15.4	115.9	n.a.	123.2		
February	105.2	19.4	124.6	n.a.	173.6		
• • • • • • • • • • • • • • •		TREND ESTI		• • • • • • • • • • • • • • • • • •	• • • • • • • • • • •		
.998							
December	57.3	11.5	68.8	63.9	132.7		
.999							
January	59.0	11.9	70.8	61.7	132.6		
February	61.3	12.3	73.6	57.9	131.5		
March	64.0	12.7	76.7	53.1	129.8		
April	67.0	13.2	80.1	47.1	127.2		
May	69.8	13.6	83.4	41.0	124.4		
June	72.5	14.0	86.5	34.3	124.4		
July	75.1	14.0	89.3	31.9	120.8		
August	77.9	14.2	92.1	35.2	121.2		
September	81.1	14.1	95.2	42.9	138.1		
October	85.2	14.0	99.2	52.0	151.2		
November	89.9	14.3	104.2	59.6	163.8		
December	94.8	15.0	109.8	63.6	173.4		
000							
January	99.2	15.8	115.0	64.1	179.1		
February	104.1	16.6	120.8	62.5	183.2		

(a) Refer to Explanatory Notes paragraph 12.



#### VALUE OF BUILDING APPROVED, Percentage Change

		Alterations and			
	New	additions to	Total	Non-	<b>T</b> . 4 . 1
Month	residential building	residential buildings(a)	residential building	residential building	Total building
			-		-
	OF	RIGINAL (% change fror	n preceding month)		
1998	-13.4	10.0	14.4	-8.3	-11.6
December 1999	-13.4	-19.0	-14.4	-8.3	-11.0
January	-9.3	-5.2	-8.6	27.3	8.2
February	-9.3 27.6	-5.2 30.4	-8.0 28.1	74.1	53.5
March	18.8	18.0	18.6	-48.4	-23.4
April	-18.1	-25.9	-19.5	-48.4 -62.9	-23.4 -37.8
May	22.8	5.5	20.0	152.7	53.5
June	4.1	44.5	9.8	-44.8	-12.9
July	4.1 40.8	-14.7	9.8 30.5	-44.8	-12.9 22.5
	-24.9	10.0		18.3	-12.3
August			-20.7		
September	15.8	2.4	13.5	31.1	18.6
October	-10.0	-11.7	-10.2	-35.8	-18.4
November	27.3	10.6	24.8	14.6	22.2
December	-15.4	-13.3	-15.1	257.9	49.5
2000					
January	-18.8	-15.0	-18.2	-85.7	-56.4
February	60.5	63.6	60.9	134.0	74.5
•••••	05400014		•••••	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •
1998	SEASUNA	LLY ADJUSTED (% char	nge from preceding m	onth)	
December	-4.4	-14.8	-6.2	n.a.	7.2
<b>1999</b>	-4.4	-14.0	-0.2	11.6.	1.2
January	19.0	19.7	19.1	n.a.	9.9
,	-8.3	10.6	-5.3		34.3
February	-8.3 7.6		-5.3	n.a.	-33.9
March		-5.0		n.a.	
April	4.9	-5.2	3.2	n.a.	-10.9
May	4.8	4.2	4.7	n.a.	20.8
June	-4.6	21.7	-0.6	n.a.	-21.3
July	35.4	-6.2	27.7	n.a.	28.3
August	-25.0	4.6	-21.0	n.a.	-17.7
September	18.7	-9.3	13.6	n.a.	8.4
October	2.6	-5.0	1.5	n.a.	9.7
November	11.6	14.8	12.1	n.a.	12.5
December	3.1	-9.3	1.4	n.a.	70.7
2000					
January	5.6	13.8	6.6	n.a.	-53.3
February	4.7	26.0	7.5	n.a.	40.9
••••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •
1000	IREND	ESTIMATES (% change	e from preceding mon	tn)	
1998		a -		<i>.</i> .	
December	1.6	2.9	1.8	-0.4	0.7
1999					
January	3.0	3.2	3.0	-3.5	-0.1
February	4.0	3.2	3.9	-6.1	-0.8
March	4.4	3.5	4.2	-8.4	-1.3
April	4.6	3.8	4.5	-11.3	-2.0
May	4.3	3.5	4.1	-12.9	-2.2
June	3.8	2.8	3.7	-16.4	-3.0
July	3.6	1.5	3.2	-7.0	0.3
August	3.7	-0.1	3.1	10.5	5.0
September	4.2	-0.9	3.4	21.8	8.5
October	5.0	-0.2	4.2	21.1	9.5
November	5.5	2.1	5.0	14.6	8.3
December	5.5	4.5	5.3	6.7	5.8
2000					
January	4.7	5.5	4.8	0.8	3.3
February	4.9	5.4	5.0	-2.5	2.3

(a) Refer to Explanatory Notes paragraph 12.



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

Period	New houses	New other residential building	Alterations and additions to residential buildings	Conversion(a)	Non- residential building(a)	Total dwelling units
•••••	• • • • • • • • • • • • • •		ATE SECTOR (Numb	•••••	•••••	•••••
1996-1997	5 508	613	11	8	8	6 148
1997-1998	6 177	726	9	75	10	6 997
1998-1999	6 555	1 012	11	118	1	7 697
1999						
February	493	95	0	3	0	591
March	643	66	1	1	0	711
April	487	71	0	0	0	558
May	599	52 57	0	2	0	653
June July	650 614	219	2 0	105 3	0 1	814 837
August	663	100	1	0	1	765
September	730	130	0	5	1	866
October	667	109	0	0	1	777
November	892	88	0	0	1	981
December	736	104	0	0	2	842
2000			-	-	_	
January	649	62	1	0	0	712
February	836	233	2	0	0	1 071
•••••	••••	PUB	LIC SECTOR (Numbe	er)	• • • • • • • • • • • • • • •	
4000 4007	00				0	110
1996-1997	96	17	0	3	0	116
1997-1998	193	23	2 3	0 0	0 0	218
1998-1999	206	22	3	0	0	231
1999						
February	16	0	0	0	0	16
March	39	0	0	0	0	39
April	10	0	0	0	0	10
May	30	0	0	0	0	30
June	18 5	10	3 0	0	0	31
July August	6	0 0	0	0	0	5 6
September	41	0	0	0	0	41
October	14	3	0	0	0	17
November	12	0	0	0	0	12
December	0	0	0	0	0	0
2000						
January	0	0	0	0	0	0
February	2	0	0	0	0	2
• • • • • • • • • • • • • •	• • • • • • • • • • • • • •	• • • • • • • • • • • • • • •	TOTAL (Number)	• • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • •	
1000 100-					2	
1996-1997	5 604	630	11	11	8	6 264
1997-1998 1998-1999	6 370 6 761	749 1 034	11 14	75 118	10 1	7 215 7 928
<b>1999</b>	FOO	OF	0	2	0	007
February March	509	95 66	0 1	3	0	607 750
April	682 497	66 71	1 0	1 0	0 0	750 568
May	629	52	0	2	0	683
June	668	52 67	5	105	0	845
July	619	219	0	3	1	842
August	669	100	1	0	1	771
September	771	130	0	5	1	907
October	681	112	0	0	1	794
November	904	88	0	0	1	993
December	736	104	0	0	2	842
2000						
January	649	62	1	0	0	712
February	838	233	2	0	0	1 073
	(a) See Gloss	sary for definition.				



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

	New	New other residential	Alterations and additions creating	Alterations and additions not creating		Total residential	Non- residential	Total
Period	houses	building	dwellings	dwellings	Conversion(a)	building	building (a)	building
• • • • • • • • • • • • •		•••••	PRIVAT	E SECTOR (\$ mill	ion)	• • • • • • • • • •	•••••	• • • • • • • • • •
1996-1997	462.9	44.0	0.6	113.8	0.6	621.8	422.4	1 044.2
1997-1998 1998-1999	553.2 624.9	61.1 132.6	0.6 0.4	118.3 136.5	7.6 4.5	740.7 898.9	471.9 443.0	1 212.7 1 341.9
1990-1999	024.9	132.0	0.4	130.5	4.5	090.9	443.0	1 341.9
1999								
February	45.5 60.6	11.3 5.2	0.0 0.0	12.1 14.0	0.1 0.0	69.1 79.8	92.6 48.1	161.6 128.0
March April	47.8	5.2 7.4	0.0	14.0	0.0	65.5	48.1 12.9	78.4
May	58.4	8.3	0.0	11.2	0.2	78.1	32.8	110.9
June	64.4	5.8	0.1	12.3	4.0	86.5	27.4	113.9
July	62.3	39.0	0.0	13.2	0.2	114.8	27.2	141.9
August	63.0	12.9	0.0	15.3	0.0	91.3	28.0	119.3
September October	73.8 68.1	11.4 10.0	0.0 0.0	15.3 13.8	0.4 0.0	100.9 91.9	29.0 20.9	129.9 112.8
November	91.6	8.8	0.0	14.8	0.0	115.3	19.3	134.6
December	76.9	8.9	0.0	12.8	0.0	98.6	37.0	135.6
2000	04.0		0.4	10 5	0.0		45.0	05.0
January February	64.2 85.2	5.5 26.4	0.1 0.1	10.5 17.8	0.0 0.0	80.3 129.5	15.0 28.6	95.3 158.1
• • • • • • • • • • • • •								
			PUBLIC	C SECTOR (\$ milli	on)			
1996-1997	7.4	1.3	0.0	1.3	0.3	10.3	158.4	168.7
1997-1998	14.5	1.4	0.1	1.2 2.4	0.0	17.2	130.3	147.5
1998-1999	16.4	1.7	0.1	2.4	0.0	20.7	227.9	248.5
1999								
February	1.4	0.0	0.0	0.1	0.0	1.5	25.9	27.4
March	3.3	0.0	0.0	0.6	0.0	3.9	13.0	16.9
April May	1.4 2.8	0.0 0.0	0.0 0.0	0.6 0.0	0.0 0.0	1.9 2.8	9.8 24.6	11.7 27.4
June	2.8	0.0	0.0	0.0	0.0	2.8	4.3	6.6
July	0.5	0.0	0.0	0.6	0.0	1.1	4.6	5.6
August	0.5	0.0	0.0	0.1	0.0	0.6	9.5	10.1
September	3.3	0.0	0.0	0.1	0.0	3.4	20.2	23.6
October November	1.4 0.9	0.2 0.0	0.0 0.0	0.2 0.7	0.0 0.0	1.8 1.6	10.7 16.9	12.5 18.4
December	0.9	0.0	0.0	0.6	0.0	0.6	92.6	93.2
2000	010	0.0	010	0.0	010	0.0	02.0	
January	0.0	0.0	0.0	0.9	0.0	0.9	3.5	4.4
February	0.2	0.0	0.0	0.8	0.0	1.0	14.7	15.8
• • • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • •	TC	DTAL (\$ million)		• • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • •
1996-1997	470.2	45.3	0.6	115.1	0.9	632.1	580.7	1 212.8
1997-1998	567.7	62.5	0.7	119.5	7.6	758.0	602.2	1 360.1
1998-1999	641.3	134.3	0.5	138.9	4.5	919.6	670.9	1 590.5
1999								
February	46.9	11.3	0.0	12.2	0.1	70.6	118.4	189.0
March	63.9	5.2	0.0	14.6	0.0	83.7	61.1	144.9
April	49.2	7.4	0.0	10.8	0.0	67.4	22.7	90.1
May	61.2	8.3	0.0	11.3	0.2	80.9	57.4	138.3
June July	65.7 62.8	6.6 39.0	0.2 0.0	12.3 13.8	4.0 0.2	88.8 115.9	31.7 31.7	120.5 147.6
August	62.8 63.5	39.0 12.9	0.0	13.8	0.2	91.9	31.7 37.5	147.6
September	77.1	11.4	0.0	15.4	0.4	104.3	49.2	153.5
October	69.4	10.2	0.0	14.0	0.0	93.7	31.6	125.2
November	92.5	8.8	0.0	15.5	0.0	116.9	36.2	153.1
December	76.9	8.9	0.0	13.4	0.0	99.2	129.5	228.8
2000 January	64.2	5.5	0.1	11.3	0.0	81.1	18.5	99.6
February	85.5	26.4	0.1	18.6	0.0	130.5	43.3	173.9
···· <b>j</b>			-					

(a) See Glossary for definition.



### NEW OTHER RESIDENTIAL BUILDING .....

	New houses		ed, row or terra etc of	,	Flats, units	or apartments	in a building of		Total	Total new residential building
			Two or more		One or two	Three	Four or more			
Period		One storey	storeys	Total	storeys	storeys	storeys	Total		
• • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • •	•••••	NUMBER OF			•••••	• • • • • • • • •	• • • • • • • • • •	•••••
					DWLLLING					
1996-1997	5 604	492	86	578	20	30	2	52	630	6 234
1997-1998	6 370	467	154	621	49	18	61	128	749	7 119
1998-1999	6 761	381	309	690	53	105	186	344	1 034	7 795
1998										
December	493	48	14	62	0	0	0	0	62	555
1999										
January	371	16	13	29	0	44	0	44	73	444
February	509	24	10	34	0	0	61	61	95	604
March	682	36	22	58	0	8	0	8	66	748
April	497	38	33	71	0	0	0	0	71	568
May	629	24	10	34	0	0	18	18	52	681
June	668	30	37	67	0	0	0	0	67	735
July	619	86	20	106	2	31	80	113	219	838
August	669	65	13	78	4	0	18	22	100	769
September October	771 681	82 73	48 25	130 98	0 10	0 4	0 0	0 14	130 112	901 793
November	904	48	25 36	98 84	4	4	0	4	88	992
December	736	48	44	92	4 12	0	0	4 12	104	840
2000	750	40		52	12	0	0	12	104	040
January	649	39	19	58	4	0	0	4	62	711
				VALU	E (\$ million	)				
February	838	75	79	154	0	32	47	79	233	1 071
1996-1997	470.1	30.9	9.5	40.3	1.9	3.1	0.0	5.1	45.1	515.5
1997-1998	567.7	32.8	14.2	47.2	3.0	1.8	10.6	15.4	62.5	630.1
1998-1999	641.4	29.4	33.7	63.0	5.5	9.2	56.5	71.2	134.2	775.6
1998										
December	45.8	3.2	1.3	4.5	0.0	0.0	0.0	0.0	4.5	50.3
1999			1.0						0.7	45.0
January	36.9	1.1	1.9	3.0	0.0	5.7	0.0	5.7	8.7	45.6
February	46.9 63.9	2.2 2.4	0.8 2.0	3.0	0.0	0.0	8.3	8.3 0.8	11.3 5.2	58.2 69.1
Marah		2.4		4.4	0.0	0.8 0.0	0.0 0.0	0.8	5.2 7.4	56.6
March		2.1	1 2				0.0	0.0	1.4	
April	49.2	3.1 1 8	4.3	7.4 3.1	0.0				83	
April May	49.2 61.2	1.8	1.4	3.1	0.0	0.0	5.2	5.2	8.3 6.6	
April May June	49.2 61.2 65.7	1.8 2.4	1.4 4.1	3.1 6.6	0.0 0.0	0.0 0.0	5.2 0.0	5.2 0.0	6.6	72.3
April May June July	49.2 61.2 65.7 62.8	1.8 2.4 6.3	1.4 4.1 1.9	3.1 6.6 8.3	0.0 0.0 0.2	0.0 0.0 2.8	5.2 0.0 27.8	5.2 0.0 30.7	6.6 39.0	72.3 101.8
April May June July August	49.2 61.2 65.7 62.8 63.5	1.8 2.4 6.3 5.2	1.4 4.1 1.9 2.4	3.1 6.6 8.3 7.6	0.0 0.0 0.2 0.3	0.0 0.0 2.8 0.0	5.2 0.0 27.8 5.0	5.2 0.0 30.7 5.3	6.6 39.0 12.9	72.3 101.8 76.4
April May June July August September	49.2 61.2 65.7 62.8 63.5 77.1	1.8 2.4 6.3 5.2 5.9	1.4 4.1 1.9 2.4 5.5	3.1 6.6 8.3 7.6 11.4	0.0 0.0 0.2 0.3 0.0	0.0 0.0 2.8 0.0 0.0	5.2 0.0 27.8 5.0 0.0	5.2 0.0 30.7 5.3 0.0	6.6 39.0 12.9 11.4	72.3 101.8 76.4 88.5
April May June July August	49.2 61.2 65.7 62.8 63.5 77.1 69.4	1.8 2.4 6.3 5.2 5.9 5.6	1.4 4.1 1.9 2.4 5.5 3.1	3.1 6.6 8.3 7.6 11.4 8.7	0.0 0.0 0.2 0.3 0.0 0.9	0.0 0.0 2.8 0.0 0.0 0.6	5.2 0.0 27.8 5.0 0.0 0.0	5.2 0.0 30.7 5.3 0.0 1.5	6.6 39.0 12.9 11.4 10.2	72.3 101.8 76.4 88.5 79.6
April May June July August September October	49.2 61.2 65.7 62.8 63.5 77.1	1.8 2.4 6.3 5.2 5.9	1.4 4.1 1.9 2.4 5.5	3.1 6.6 8.3 7.6 11.4 8.7 8.3	0.0 0.0 0.2 0.3 0.0	0.0 0.0 2.8 0.0 0.0	5.2 0.0 27.8 5.0 0.0	5.2 0.0 30.7 5.3 0.0	6.6 39.0 12.9 11.4	72.3 101.8 76.4 88.5 79.6 101.4
April May June July August September October November December	49.2 61.2 65.7 62.8 63.5 77.1 69.4 92.5	1.8 2.4 6.3 5.2 5.9 5.6 3.8	1.4 4.1 1.9 2.4 5.5 3.1 4.5	3.1 6.6 8.3 7.6 11.4 8.7	0.0 0.2 0.3 0.0 0.9 0.6	0.0 0.0 2.8 0.0 0.0 0.6 0.0	5.2 0.0 27.8 5.0 0.0 0.0 0.0	5.2 0.0 30.7 5.3 0.0 1.5 0.6	6.6 39.0 12.9 11.4 10.2 8.8	72.3 101.8 76.4 88.5 79.6 101.4
April May June July August September October November	49.2 61.2 65.7 62.8 63.5 77.1 69.4 92.5	1.8 2.4 6.3 5.2 5.9 5.6 3.8	1.4 4.1 1.9 2.4 5.5 3.1 4.5	3.1 6.6 8.3 7.6 11.4 8.7 8.3	0.0 0.2 0.3 0.0 0.9 0.6	0.0 0.0 2.8 0.0 0.0 0.6 0.0	5.2 0.0 27.8 5.0 0.0 0.0 0.0	5.2 0.0 30.7 5.3 0.0 1.5 0.6	6.6 39.0 12.9 11.4 10.2 8.8	69.5 72.3 101.8 76.4 88.5 79.6 101.4 85.8 69.7

(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)			
1996-1997	477.2	46.6	523.8	118.3	642.1	587.8	1 230.1
1997-1998	567.7	62.5	630.2	127.7	758.0	602.2	1 360.1
1998-1999	616.6	131.0	747.6	138.4	886.0	661.5	1 547.5
1998							
September	163.2	71.3	234.5	34.5	269.0	158.0	427.0
December	146.0	13.7	159.6	32.3	192.0	150.5	342.5
1999							
March	141.4	24.5	165.9	34.9	200.8	243.6	444.4
June	166.1	21.5	187.6	36.6	224.2	109.4	333.7
September	188.8	61.0	249.8	42.2	291.9	115.1	407.1
December	218.3	26.9	245.1	39.3	284.4	190.9	475.3
• • • • • • • • • • • • •	• • • • • • • • • • • • • • • •				• • • • • • • • • • • • •	•••••	• • • • • • • • • • •
1998		URIGIN	IAL (% change ii	rom preceding qu	arter)		
September	12.4	242.6	41.3	21.8	38.5	45.4	41.0
December	-10.5	-80.8	-31.9	-6.3	-28.6	-4.7	-19.8
1999	20.0	00.0	01.0	0.0	20.0		2010
March	-3.1	79.1	3.9	8.1	4.6	61.8	29.8
June	17.5	-12.1	13.1	4.7	11.7	-55.1	-24.9
September	13.6	183.4	33.1	15.3	30.2	5.2	22.0
December	15.6	-56.0	-1.9	-6.9	-2.6	65.8	16.8

(a)Reference year for chain volume measures is 1997-98. Refer to Explanatory Notes paragraph 20-21.

. . . . . . . . . . . . . . .

(b) Refer to Explanatory Notes paragraph 12.

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ABS • BUILDING APPROVALS, SOUTH AUSTRALIA • 8731.4 • FEBRUARY 2000 13



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

	other s	, motels and short term modation	Shops Facto		Factori	es	Offices			usiness s	Educational	
Periodd	no	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
• • • • • • • • • • •	• • • • • • •	• • • • • • • • •	••••	• • • • • • • • • •	• • • • • •	•••••	• • • • • •		••••	•••••	••••	•••••
4000				Val	ue—\$5	0,000-\$19	9,999					
1999 December	1	0.1	9	1.0	5	0.4	13	1.0	11	1.0	7	0.7
2000	T	0.1	9	1.0	5	0.4	13	1.0	ΤT	1.0	1	0.7
January	5	0.7	8	0.6	6	0.8	10	0.8	8	0.6	2	0.2
February	2	0.3	16	1.3	6	0.7	9	1.0	15	1.5	2	0.1
•••••	•••••	•••••	••••	•••••	••••	•••••		• • • • • • • • • • •	••••	•••••	••••	••••
1999				Valu	ie—\$20	00,000-\$49	99,999					
December	0	0.0	1	0.2	2	0.7	2	0.8	2	0.7	5	1.6
2000	Ū.	0.0	-	0.2	-	011	-	0.0	-	011	0	2.0
January	0	0.0	4	1.2	1	0.2	2	0.4	1	0.3	2	0.6
February	0	0.0	4	1.3	1	0.3	3	1.0	4	1.2	0	0.0
•••••		• • • • • • • • •	• • • • • •		• • • • • •	• • • • • • • • •			• • • • • •	• • • • • • • • •	• • • • • •	• • • • • • • •
				Valu	ue—\$50	00,000-\$99	99,999					
1999												
December	1	0.7	3	2.0	0	0.0	4	2.1	1	0.8	1	0.7
2000						0.5				1.0	0	4 5
January February	0 0	0.0 0.0	2 1	1.4 0.8	1 5	0.5 4.2	0 1	0.0 0.9	2 2	1.2 1.2	2 1	1.5 0.7
Tebluary	0	0.0	T	0.8	5	4.2	T	0.9	2	1.2	T	0.7
• • • • • • • • • • • •	• • • • • • •	•••••	• • • • • •	Value-	-\$1.00	00,000-\$4,	999.99	9	• • • • • •	• • • • • • • • •	••••	• • • • • • • •
1999					. , -	,,	,					
December 2000	0	0.0	1	1.0	1	1.4	1	2.8	2	6.3	3	7.1
January	0	0.0	0	0.0	1	1.2	1	1.1	1	2.9	0	0.0
February	1	1.3	0	0.0	0	0.0	3	5.2	1	1.7	1	1.5
• • • • • • • • • • •	• • • • • • •	•••••	••••	•••••	•••••	•••••			• • • • • •	•••••	••••	•••••
1999				Valu	ıe—\$5,	000,000 ai	nd over					
December	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
January	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
February	1	5.5	0	0.0	0	0.0	1	5.3	0	0.0	0	0.0
• • • • • • • • • • • •	•••••		• • • • • • •	• • • • • • • • • •	••••	•••••••••	•••••	•••••		• • • • • • • • •	• • • • • • •	
					Va	lue—Total						
1996-1997	43	42.4	239	106.2	93	26.1	212	93.2	193	93.3	112	61.0
1997-1998	46	9.1	340	85.6	98	129.3	194	79.5	204	88.7	113	82.1
1998-1999	36	25.2	231	128.1	69	35.4	173	65.0	241	141.3	121	136.2
1999												
December	2	0.8	14	4.2	8	2.5	20	6.7	16	8.8	16	10.2
2000												
January	5	0.7	14	3.1	9	2.7	13	2.4	12	5.0	6	2.2
February	4	7.0	21	3.3	12	5.2	17	13.3	22	5.6	4	2.3
•••••	• • • • • • •	•••••	••••	• • • • • • • • • •	• • • • • •	•••••	• • • • • •	•••••	••••	•••••	••••	•••••



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

	Religious	·	Health		Entertainment and recreational		Miscellar	neous	Total non-re building	sidential
Periodd	no	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
•••••	•••••	• • • • • • • • • • •	•••••			•••••	• • • • • • •	•••••	••••	• • • • • • • • •
1999				Value—\$50	,000-\$19	99,999				
December	1	0.1	1	0.1	4	0.3	4	0.2	56	5.0
2000	-	0.1	-	0.1		0.0	·	0.2	00	0.0
January	0	0.0	0	0.0	2	0.1	1	0.1	42	3.7
February	1	0.1	2	0.4	2	0.1	5	0.5	60	5.8
Value—\$200,000-\$499,999										
1999				value—\$20	0,000-\$4	99,999				
December	2	0.6	0	0.0	0	0.0	0	0.0	14	4.5
2000										
January	0	0.0	3	0.8	1	0.4	0	0.0	14	3.9
February	0	0.0	0	0.0	0	0.0	2	0.6	14	4.3
•••••	•••••	• • • • • • • • • • •	•••••				•••••	•••••	•••••	•••••
1999				Value—\$50	0,000-\$9	99,999				
December	0	0.0	1	1.0	1	0.6	0	0.0	12	7.9
2000	°,	010	-	2.0	-	0.0	Ū	010		
January	0	0.0	0	0.0	0	0.0	0	0.0	7	4.6
February	0	0.0	0	0.0	1	0.8	0	0.0	11	8.5
•••••	•••••		•••••				• • • • • • • •	•••••	••••	• • • • • • • • •
1999			Vá	alue—\$1,00	0,000-\$4	,999,999				
December	0	0.0	1	1.2	0	0.0	1	1.0	10	20.7
2000										
January	0	0.0	0	0.0	0	0.0	1	1.1	4	6.3
February	0	0.0	0	0.0	1	2.5	1	1.8	8	14.0
•••••	• • • • • • • • •		• • • • • • • •	Value—\$5,0		and over		• • • • • • • • • •	• • • • • • • • • •	
1999				value—\$5,0	00,000 8					
December	0	0.0	0	0.0	2	91.4	0	0.0	2	91.4
2000										
January	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
February	0	0.0	0	0.0	0	0.0	0	0.0	2	10.8
• • • • • • • • • • • • • •	•••••	••••	• • • • • • • •	Valu	ie—Total		• • • • • • •	• • • • • • • • • • •	•••••	• • • • • • • •
				Vale						
1996-1997	11	2.2	51	66.0	68	37.7	95	52.6	1 117	580.7
1997-1998	10	5.3	57	46.5	59	58.4	67	17.6	1 188	602.2
1998-1999	13	1.8	40	61.6	63	46.2	67	30.1	1 054	670.9
1999										
December	3	0.7	3	2.3	7	92.2	5	1.2	94	129.5
2000	_		_		-		-			
January	0	0.0	3 2	0.8 0.4	3 4	0.5	2 8	1.1 2.8	67 95	18.5
February	1	0.1	2	0.4	4	3.4	ð	2.8	95	43.3
• • • • • • • • • • • • •	•••••	• • • • • • • • • • •	•••••	•••••	• • • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • • • •



### VALUE OF NON-RESIDENTIAL BUILDING APPROVED: Original

	Hotels, motels and other short				Other				Entertain-		Total non-
Period	term accomm- odation	Shops	Factories	Offices	business premises	Educational	Religious	Health	ment and recreational	Miscell- aneous	residential building
	PRIVATE SECTOR (\$ million)										
1996-1997	38.9	102.6	23.9	56.8	84.8	16.6	2.2	50.0	13.0	33.7	422.4
1997-1998	8.6	82.7	128.9	59.9	85.9	19.0	5.3	20.0	50.6	10.9	471.9
1998-1999	24.2	126.3	34.8	48.3	120.0	24.2	1.8	23.7	27.5	12.2	443.0
<b>1999</b> February	0.2	66.8	0.5	1.1	7.6	1.3	0.3	2.0	10.9	0.1	02.6
March	0.2 0.6	9.6	0.5	1.1 9.1	22.3	1.3	0.3	2.0 2.0	12.8 2.0	0.1	92.6 48.1
April	3.4	2.2	0.7	2.5	2.7	0.5	0.2	0.0	0.1	0.2	12.9
May	0.2	10.2	2.5	1.1	7.8	4.0	0.2	0.1	6.1	0.6	32.8
June	0.4	5.2	1.2	7.0	8.9	2.2	0.1	0.4	0.1	1.8	27.4
July	0.3	4.3	1.2	2.7	4.6	1.5	6.0	3.8	0.4	2.2	27.2
August	2.2	5.1	2.8	2.9	4.5	6.5	0.4	2.4	0.0	1.1	28.0
September October	1.8 0.2	10.5 3.1	1.6 4.2	4.2 1.8	5.2 6.8	1.5 1.6	2.0 0.0	1.2 1.6	0.3 0.9	0.8 0.8	29.0 20.9
November	0.2	4.0	1.9	4.5	3.1	3.1	0.2	2.1	0.2	0.0	19.3
December	0.8	4.2	2.5	5.4	8.8	3.8	0.7	1.1	8.6	1.2	37.0
2000											
January	0.5	3.1	2.7	1.0	5.0	2.2	0.0	0.3	0.1	0.1	15.0
February	7.0	3.3	5.2	4.4	5.5	2.2	0.1	0.4	0.1	0.5	28.6
• • • • • • • • • • • •		• • • • • • • • •	• • • • • • • •	PUBLIC	SECTOR (S	6 million)	•••••	•••••		• • • • • • • •	• • • • • • • •
					0201011 (1	,					
1996-1997	3.5	3.6	2.2	36.4	8.5	44.5	0.0	16.0	24.7	18.9	158.4
1997-1998	0.5	2.9	0.4	19.6	2.8	63.2	0.0	26.4	7.8	6.7	130.3
1998-1999	1.0	1.7	0.6	16.7	21.4	112.0	0.0	37.9	18.7	17.9	227.9
1999											
February	0.0	0.1	0.2	2.7	0.4	14.5	0.0	5.1	2.9	0.0	25.9
March	0.0	0.0	0.0	1.0	0.4	9.8	0.0	0.4	1.2	0.2	13.0
April	0.1	0.0	0.0	0.0	6.1	1.1	0.0	0.4	1.5	0.7	9.8
May	0.0	0.0	0.0	0.1	1.6	4.3	0.0	18.3	0.1	0.1	24.6
June	0.0 0.0	0.0	0.0 0.1	0.2 0.0	0.0 0.0	0.2	0.0	0.9 0.7	3.0	0.1 0.2	4.3
July August	0.0	0.0 0.0	0.1	0.0	0.0	3.6 6.1	0.0 0.0	3.1	0.1 0.0	0.2	4.6 9.5
September	0.0	0.0	0.0	7.7	0.0	1.1	0.0	10.9	0.4	0.0	20.2
October	0.0	0.0	0.0	8.6	0.6	0.9	0.0	0.4	0.1	0.1	10.7
November	0.0	0.0	0.0	0.9	0.0	12.7	0.0	1.9	0.5	0.8	16.9
December	0.0	0.0	0.0	1.3	0.0	6.4	0.0	1.2	83.7	0.0	92.6
<b>2000</b> January	0.0	0.0	0.0	1 1	0.0	0.0	0.0	0.5	0.4	1 1	25
February	0.2 0.0	0.0 0.0	0.0 0.0	1.4 8.9	0.0	0.0 0.1	0.0 0.0	0.5 0.0	0.4 3.3	1.1 2.3	3.5 14.7
rostaary	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	2.0	
				TOT	TAL (\$ mill	ion)		• • • • • • • •		• • • • • • • •	
1996-1997	42.4	106.2	26.1	93.2	93.3	61.0	2.2	66.0	37.7	52.6	580.7
1997-1998	9.1	85.6	129.3	79.5	88.7	82.1	5.3	46.5	58.4	17.6	602.2
1998-1999	25.2	128.1	35.4	65.0	141.3	136.2	1.8	61.6	46.2	30.1	670.9
<b>1999</b>	0.0	66.0	0.7	2.0	0.0	15.0	0.2	7.0	45.7	0.1	110.4
February March	0.2 0.6	66.9 9.6	0.7 0.4	3.8 10.1	8.0 22.7	15.8 11.6	0.3 0.1	7.0 2.4	15.7 3.2	0.1 0.4	118.4 61.1
April	3.6	2.2	0.7	2.5	8.7	1.6	0.2	0.4	1.6	1.3	22.7
May	0.2	10.2	2.5	1.2	9.5	8.3	0.2	18.4	6.3	0.7	57.4
June	0.4	5.2	1.2	7.2	8.9	2.4	0.1	1.3	3.1	2.0	31.7
July	0.3	4.3	1.3	2.7	4.6	5.1	6.0	4.5	0.5	2.4	31.7
August	2.4	5.1	2.8	2.9	4.6	12.6	0.4	5.5	0.0	1.2	37.5
September October	1.8 0.2	10.5 3.1	1.6 4.2	11.9 10.4	5.2 7.4	2.6 2.5	2.0 0.0	12.1 2.0	0.8 1.0	0.8 0.9	49.2 31.6
November	0.2	3.1 4.0	4.2 1.9	10.4 5.4	7.4 3.1	2.5 15.7	0.0	2.0 4.0	0.7	0.9	31.6
December	0.8	4.2	2.5	6.7	8.8	10.2	0.2	2.3	92.2	1.2	129.5
2000											
January	0.7	3.1	2.7	2.4	5.0	2.2	0.0	0.8	0.5	1.1	18.5
February	7.0	3.3	5.2	13.3	5.6	2.3	0.1	0.4	3.4	2.8	43.3

16 ABS • BUILDING APPROVALS, SOUTH AUSTRALIA • 8731.4 • FEBRUARY 2000



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

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

	New	New other residential	Total	New	New other residential	Alterations and additions to residential	Total residential	Non- residential	Total
Period	houses	building	dwellings(a)	houses	building	building(b)	building	building	building
• • • • • • • • • • • •			• • • • • • • •		PRIVATE SECT	DR			•••••
1997-1998	4 004	536	4 627	371 235	49 293	99 543	520 071	379 003	899 074
1998-1999	4 325	905	5 350	424 304	122 063	109 238	655 605	323 827	979 432
1999									
February	329	95	426	31 153	11 327	9 421	51 900	89 279	141 179
March	442	59	502	42 587	4 741	10 353	57 680	23 255	80 935
April	311	50	361	31 172	5 241	7 903	44 316	10 343	54 660
May	381	48	431	38 923	8 052	9 240	56 215	24 083	80 298
June	434	53	594	44 647	5 336	13 688	63 671	17 628	81 299
July	392	201	597	41 487	37 549	10 962	89 998	20 044	110 042
August	415	72	489	41 663	11 375	12 027	65 065	18 023	83 088
September	489	106	600	51 274	9 443	11 990	72 707	19 429	92 136
October	456	97	554	47 102	9 356	10 556	67 014	11 684	78 698
November	601	83	685	63 941	8 495	10 790	83 226	14 436	97 662
December 2000	474	93	569	51 579	7 972	10 246	69 797	31 572	101 369
January	403	41	445	42 224	4 627	8 397	55 249	8 958	64 207
February	546	224	771	57 051	26 054	14 250	97 356	17 141	114 496
• • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • • • • • • •	PUBLIC SECTO	0R	• • • • • • • • • • •		• • • • • • • • • • •
4007 4000	101	47	100	10.101	005	222	10.101	00 500	400.000
1997-1998 1998-1999	161 137	17 14	180 151	12 101 10 385	995 1 140	306 2 084	13 401 13 610	89 596 174 499	102 998 188 108
1999									
February	10	0	10	647	0	125	772	19 913	20 686
March	21	õ	21	1 918	0	405	2 323	11 851	14 174
April	5	0	5	544	0	500	1 044	2 950	3 994
May	24	0	24	1 732	0	20	1 752	15 816	17 568
June	17	4	21	1 219	278	25	1 522	1 216	2 738
July	5	0	5	452	0	0	452	1 974	2 426
August	6	0	6	501	0	118	619	5 916	6 535
September	29	0	29	2 603	0	108	2 711	14 138	16 849
October	14	3	17	1 360	210	12	1 582	9 786	11 369
November	12	0	12	884	0	33	916	12 981	13 897
December	0	0	0	0	0	443	443	92 259	92 701
2000									
January	0	0	0	0	0	34	34	1 515	1 549
February	2	0	2	236	0	800	1 036	14 383	15 419
• • • • • • • • • • • •	• • • • • • •		• • • • • • • •		TOTAL		• • • • • • • • • • •		•••••
1997-1998	4 165	553	4 807	383 336	50 287	99 849	533 472	468 599	1 002 071
1998-1999	4 462	919	5 501	434 689	123 203	111 322	669 214	498 326	1 167 540
1999									
February	339	95	436	31 800	11 327	9 546	52 673	109 192	161 865
March	463	59	523	44 505	4 741	10 757	60 003	35 106	95 109
April	316	50	366	31 716	5 241	8 403	45 360	13 294	58 653
May	405	48	455	40 654	8 052	9 260	57 967	39 899	97 866
June	451	57	615	45 866	5 614	13 713	65 193	18 844	84 038
July	397	201	602	41 938	37 549	10 962	90 450	22 017	112 467
August	421	72	495	42 164	11 375	12 146	65 684	23 939	89 623
September	518	106	629	53 877	9 443	12 098	75 418	33 567	108 985
October	470	100	571	48 463	9 566	10 568	68 597	21 470	90 066
November	613	83	697	64 824	8 495	10 823	84 142	27 417	111 559
December	474	93	569	51 579	7 972	10 689	70 240	123 830	194 070
2000									
<b>2000</b> January February	403	41	445 773	42 224	4 627	8 431	55 283	10 473 31 524	65 756

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

(b) Refer to Explanatory Notes paragraph 12.



### BUILDING APPROVED IN STATISTICAL AREAS

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

						Alterations a	nd		
		New other			New other	additions to	Total	Non-	
	New	residential	Total	New	residential	residential	residential	residential	Total
Statistical area	houses	building	dwellings(a)	houses	buildings	buildings(b)	building	building	building
SOUTH AUSTRALIA	838	233	1 073	85 452	26 394	18 698	130 544	43 337	173 881
Adelaide (SD)	548	233	773	57 288	26 394 26 054	15 050	98 392	43 337 31 524	129 916
Northern Adelaide (SSD)	189	10	199	18 894	900	1 640	21 434	2 690	24 123
Gawler (M)	10	0	10	824	0	64	888	72	960
Playford (C)–East Central	20	0	20	1 870	0	33	1 903	70	1 973
Playford (C)–Elizabeth	1	0	1	55	0	857	912	140	1 052
Playford (C)–Hills	4	0	4	423	0	35	458	0	458
Playford (C)–West	1	0	1	122	0	22	144	0	144
Playford (C)–West Central	1	0	1	77	0	39	116	0	116
Port Adel. Enfield (C)–East	11	2	13	1 132	160	13	1 305	0	1 305
Port Adel. Enfield (C)–Inner	3	0	3	266	0	20	286	0	286
Salisbury (C)–Central Salisbury (C)–Inner North	12 25	0 0	12 25	1 143 2 082	0 0	11 33	1 154 2 115	85 0	1 239 2 115
Salisbury (C)–North-East	25 9	0	25	2 082 898	0	33 174	1 072	0	2 115 1 072
Salisbury (C)–South-East	25	0	25	2 079	0 0	49	2 128	0 0	2 128
Salisbury (C) Bal	18	8	26	1 920	740	49 0	2 660	1 943	4 603
Tea Tree Gully (C)–Central	4	0	4	577	0	72	649	0	649
Tea Tree Gully (C)-Hills	0	0	0	0	0	12	12	0	12
Tea Tree Gully (C)–North	23	0	23	2 593	0	63	2 656	180	2 836
Tea Tree Gully (C)–South	22	0	22	2 832	0	144	2 976	200	3 176
		_							
Western Adelaide (SSD)	83	5	88	8 179	305	1 647	10 131	3 710	13 841
Charles Sturt (C)–Coastal	14	0	14	1 735	0	571	2 306	110	2 416
Charles Sturt (C)–Inner East Charles Sturt (C)–Inner West	7 7	0 0	7 7	825 723	0 0	145 45	970 769	170	1 140 1 188
Charles Sturt (C)–Inner West Charles Sturt (C)–North-East	17	2	19	1 499	0 125	45 223	768 1 847	420 60	1 188 1 907
Port Adel. Enfield (C)–Coast	3	2	19	201	125	223 144	344	90	1 907 434
Port Adel. Enfield (C)–Port	13	0	13	1 213	0	109	1 322	660	1 982
West Torrens (C)–East	7	0	7	639	0	50	689	2 020	2 709
West Torrens (C)–West	15	3	18	1 345	180	360	1 885	180	2 065
Unincorp. Western	0	0	0	0	0	0	0	0	0
Eastern Adelaide (SSD)	77	139	216	8 609	13 418	8 193	30 220	17 684	47 904
Adelaide (C)	1	42	43	140	5 850	30	6 020	9 939	15 959
Adelaide Hills (DC)–Central	6	0	6	661	0	372	1 033	0	1 033
Adelaide Hills (DC)–Ranges	6	0	6	508	0	15	523	0	523
Burnside (C)–North-East	9	8	17	1 315	1 127	356	2 798	0	2 798
Burnside (C)–South-West	3	0	3	378	0	120	498	80	578
Campbelltown (C)–East	17	2	19	1 853	105	270	2 228	120	2 348
Campbelltown (C)–West	10	4	14	963	215	4 071	5 249	0	5 249
Norw. P'ham St Ptrs (C)–East	14	38	52	1 432	2 500	593	4 525	0	4 525
Norw. P'ham St Ptrs (C)–West	3	19	22	447	1 140	350	1 937	0	1 937
Prospect (C)	2	16	18	150	1 200	421	1771	1 820	3 591
Unley (C)–East Unley (C)–West	5 1	6 2	11 3	613 148	720 160	385 868	1 718 1 176	5 725 0	7 443 1 176
Walkerville (M)	0	2	2	148	400	343	743	0	743
Southern Adelaide (SSD)	199	70	270	21 606	11 431	3 571	36 608	7 440	44 048
Holdfast Bay (C)–North	5	47	52	645	9 800	429	10 873	2 550	13 423
Holdfast Bay (C)–South	5	0	5	564	0	403	967	790	1 757
Marion (C)–Central	8	8	16 02	716	510	148	1 374	1 365	2 739
Marion (C)–North Marion (C)–South	10	13 0	23	1 104	941	95	2 140	150	2 290
Mitcham (C)–Hills	30 20	0	30 20	3 540 2 704	0 0	128 1 141	3 668 3 846	0 0	3 668 3 846
Mitcham (C)–North-East	20	0	20	2 704 877	0	234	3 840 1 111	0	3 846 1 111
Mitcham (C)–West	9 4	0	9 4	523	0	234	523	200	723
Onkaparinga (C)–Hackham	4 5	0	4 5	478	0	10	488	200	488
Onkaparinga (C)–Hills	7	0	7	875	0	142	1 017	85	1 102
Onkaparinga (C)–Morphett	4	0	4	353	0	73	426	0	426
Onkaparinga (C)–North Coast	6	0	6	424	0	145	569	235	804
Onkaparinga (C)–Reservoir	26	0	26	3 297	0	323	3 620	0	3 620
Onkaparinga (C)–South Coast	40	2	42	3 697	180	135	4 012	135	4 147
Onkaparinga (C)–Woodcroft	20	0	21	1 809	0	165	1974	1 930	3 904

18 ABS • BUILDING APPROVALS, SOUTH AUSTRALIA • 8731.4 • FEBRUARY 2000



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

						Alterations an			
		New other			New other	additions to	Total	Non-	
Statistical area	New houses	residential	Total	New	residential	residential	residential	residential	Total
Statistical area	nouses	building	dwellings(a)	houses	buildings	buildings(b)	building	building	building
Outer Adelaide (SD)	162	0	162	15 858	0	1 600	17 459	7 938	25 397
Barossa (SSD)	35	0	35	3 166	0	302	3 468	7 536	11 004
Barossa (DC)–Angaston	6	0	6	653	Ő	119	772	6 763	7 535
Barossa (DC)–Barossa	3	0	3	305	0	59	364	0	364
Barossa (DC)–Tanunda	8	0	8	891	0	65	956	63	1 019
Light (DC)	7	0	7	489	õ	35	523	0	523
Mallala (DC)	11	0	11	829	0	24	853	710	1 563
Kangaroo Island (SSD)	13	0	13	1 045	0	30	1075	130	1 205
Kangaroo Island (DC)	13	0	13	1 045	0	30	1 075	130	1 205
Mt Lofty Ranges (SSD)	42	0	42	4 418	0	839	5 256	85	5 341
Adelaide Hills (DC)–North	2	0	2	208	0	42	250	0	250
Adelaide Hills (DC) Bal	10	0	10	1 208	0	629	1 837	85	1 922
Mount Barker (DC)–Central	19	0	19	2 082	0	137	2 219	0	2 219
Mount Barker (DC) Bal	11	0	11	920	0	31	951	0	951
Fleurieu (SSD)	72	0	72	7 230	0	429	7 659	187	7 846
Alexandrina (DC)–Coastal	29	0	29	2 783	0	85	2 868	187	3 055
Alexandrina (DC)–Strathalbyn	12	0	12	1 191	0	205	1 396	0	1 396
Victor Harbor (DC)	26	0	26	2 697	0	120	2 817	0	2 817
Yankalilla (DC)	5	0	5	559	0	19	578	0	578
Yorke and Lower North (SD)	22	3	25	1 693	120	307	2 121	0	2 121
Yorke (SSD)	19	3	22	1 491	120	257	1 869	0	1 869
Barunga West (DC)	3	0	3	151	0	62	213	0	213
Copper Coast (DC)	6	0	6	601	0	68	669	0	669
Yorke Peninsula (DC)–North	7	0	7	645	0	50	695	0	695
Yorke Peninsula (DC)–South	3	3	6	94	120	77	291	0	291
Unincorp. Yorke	0	0	0	0	0	0	0	0	0
Lower North (SSD)	3	0	3	202	0	50	252	0	252
Clare and Gilbert Valleys (DC)	1	0	1	107	0	50	157	0	157
Goyder (DC)	0	0	0	0	0	0	0	0	0
Wakefield (DC)	2	0	2	95	0	0	95	0	95
Murray Lands (SD)	36	0	36	3 115	0	205	3 320	1 363	4 683
Riverland (SSD)	19	0	19	1 831	0	135	1 966	83	2 049
Berri & Barmera (DC)–Barmera	4	0	4	469	0	11	480	0	480
Berri & Barmera (DC)–Berri	1	0	1	106	0	0	106	0	106
Loxton Waikerie (DC)–East	4	0	4	466	0	25	492	83	575
Loxton Waikerie (DC)–West	0	0	0	0	0	0	0	0	0
Mid Murray (DC)	7	0	7	428	0	20	448	0	448
Renmark Paringa (DC)–Paringa	0	0	0	0	0	0	0	0	0
Renmark Paringa (DC)–Renmark Unincorp. Riverland	3 0	0 0	3 0	361 0	0 0	79 0	440 0	0 0	440 0
·	Ũ		Ũ	Ŭ	0	0	0	0	0
Murray Mallee (SSD)	17	0	17	1 284	0	70	1 354	1 280	2 635
Karoonda East Murray (DC)	0	0	0	0	0	0	0	0	0
Murray Bridge (RC)	17	0	17	1 284	0	57	1 342	965	2 307
Southern Mallee (DC)	0	0	0	0	0	0	0	0	0
The Coorong (DC)	0	0	0	0	0	13	13	315	328
Unincorp. Murray Mallee	0	0	0	0	0	0	0	0	0
South East (SD)	39	6	45	3 959	220	463	4 642	817	5 459
Upper South East (SSD)	19	4	23	1 573	60	124	1 757	482	2 239
Lacepede (DC)	2	0	2	277	0	0	277	0	277
Lucindale (DC)	15	4	19	1 226	60	69 20	1 355	62	1 417
Robe (DC)	1	0 0	1	20 50	0	30	50 75	420	470
Tatiara (DC)	1	0	1	50	0	25	75	0	75



### BUILDING APPROVED IN STATISTICAL AREAS continued

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

Statistical area	New houses	New other residential building	Total dwellings(a)	New houses	New other residential buildings	Alterations and additions to residential buildings(b)	d Total residential building	Non- residential building	Total building
•••••									
Lower South East (SSD)	20	2	22	2 386	160	339	2 885	335	3 220
Grant (DC)	2	0	2	110	0	37	147	0	147
Mount Gambier (C)	14	2	16	1 864	160	235	2 259	335	2 594
Wattle Range (DC)–East	0	0	0	0	0	0	0	0	0
Wattle Range (DC)–West	4	0	4	412	0	68	479	0	479
Eyre (SD)	17	0	18	2 308	0	472	2 780	240	3 020
Lincoln (SSD)	12	0	13	2 039	0	412	2 450	240	2 690
Cleve (DC)	0	0	0	0	0	0	0	0	0
Elliston (DC)	0	0	0	0	0	0	0	0	0
Franklin Harbor (DC)	0	0	0	0	0	0	0	0	0
Kimba (DC)	0	0	0	0	0	0	0	0	0
Le Hunte (DC)	0	0	0	0	0	0	0	0	0
Lower Eyre Peninsula (DC)	4	0	4	935	0	200	1 135	0	1 135
Port Lincoln (C)	8	0	9	1 104	0	212	1 315	240	1 555
Tumby Bay (DC)	0	0	0	0	0	0	0	0	0
Unincorp. Lincoln	0	0	0	0	0	0	0	0	0
West Coast (SSD)	5	0	5	269	0	60	329	0	329
Ceduna (DC)	3	0	3	199	0	0	199	0	199
Streaky Bay (DC)	2	0	2	70	0	60	130	0	130
Unincorp. West Coast	0	0	0	0	0	0	0	0	0
Northern (SD)	14	0	14	1 231	0	601	1 832	1 455	3 287
Whyalla (SSD)	0	0	0	0	0	312	312	50	362
Whyalla (C)	0	0	0	0	0	312	312	50	362
Unincorp. Whyalla	0	0	0	0	0	0	0	0	0
Pirie (SSD)	8	0	8	691	0	69	760	0	760
Northern Areas (DC)	0	0	0	0	0	0	0	0	0
Orroroo/Carrieton (DC)	0	0	0	0	0	0	0	0	0
Peterborough (DC)	0	0	0	0	0	0	0	0	0
Port Pirie C, Dists (M)–City	0	0	0	0	0	0	0	0	0
Port Pirie C, Dists (M) Bal	8	0	8	691	0	69	760	0	760
Unincorp. Pirie	0	0	0	0	0	0	0	0	0
Flinders Ranges (SSD)	4	0	4	399	0	220	619	1 325	1 944
Flinders Ranges (DC)	0	0	0	0	0	0	0	0	0
Mount Remarkable (DC)	1	0	1	30	0	183	213	0	213
Port Augusta (C)	3	0	3	369	0	37	406	1 325	1 731
Unincorp. Flinders Ranges	0	0	0	0	0	0	0	0	0
Far North (SSD)	2	0	2	141	0	0	141	80	221
Coober Pedy (DC)	0	0	0	0	0	0	0	0	0
Roxby Downs (M)	2	0	2	141	0	0	141	80	221
Unincorp. Far North	0	0	0	0	0	0	0	0	0
	(a) Includes	conversions and	dwelling units a	nnroved as nar	t (b) Re	ofer to Explanator	v Notes paragr	anh 12	

(a) Includes conversions and dwelling units approved as part (b) Refer to Explanatory Notes paragraph 12.

of alterations and additions or the construction of

non-residential buildings.

20 ABS • BUILDING APPROVALS, SOUTH AUSTRALIA • 8731.4 • FEBRUARY 2000

### EXPLANATORY NOTES

INTRODUCTION	<b>1</b> This publication presents monthly details of building work approved.
SCOPE AND COVERAGE	<ul> <li>2 Statistics of building work approved are compiled from:</li> <li>permits issued by local government authorities;</li> <li>permits issued by licensed building surveryors;</li> <li>contracts let or day labour work authorised by Commonwealth, State, semi-government and local government authorities;</li> <li>major building activity in areas not subject to normal administrative approval e.g. building on remote mine sites.</li> </ul>
	<ul> <li>3 The scope of the survey comprises the following activities:</li> <li>construction of new buildings</li> <li>alterations and additions to existing buildings</li> <li>approved non-structural renovation and refurbishment work</li> <li>approved installation of integral building fixtures</li> </ul>
	<ul> <li>From July 1990, the statistics include:</li> <li>all approved new residential building valued at \$10,000 or more</li> <li>approved alterations and additions to residential building valued at \$10,000 or more</li> <li>all approved non-residential building jobs valued at \$50,000 or more.</li> </ul>
	<ul> <li>Excluded from the statistics is:</li> <li>construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.). Statistics for this activity can be found in <i>Engineering Construction Activity, Australia</i> (Cat. no. 8762.0).</li> </ul>
VALUE DATA	<b>4</b> Value data are derived by aggregation of the estimated value of building work when completed as reported on approval documents. Such value data excludes the value of land and landscaping but includes site preparation. These estimates are usually a reliable indicator of the completed value of 'houses'. However, for 'other residential buildings' and 'non-residential buildings', these estimates can differ significantly from the completed value of the building.
OWNERSHIP	<b>5</b> 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	<b>6</b> 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'). These classifications are often used in conjunction with each other to describe building approvals in this publication.
	<b>7</b> 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 building, not to the function of the group as a whole.
	<b>8</b> 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.

### EXPLANATORY NOTES

BUILDING CLASSIFICATIONS continued	<b>9</b> 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.
	<b>10</b> In the case of a large multi-function building, i.e. a single large physical 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.
	<b>11</b> 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.
	<b>12</b> The Type of Work classification refers to the building activity carried out: New; Alterations and additions; or Conversion. See the Glossary for definitions of these terms. Prior to the April 1998 issue of this publication, Conversions were published as part of a category called 'Conversions, etc.'. From the April 1998 issue onwards, 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 and 2 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	<b>13</b> 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.
	<b>14</b> 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.
	<b>15</b> 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).
	<b>16</b> Some of the component series have been seasonally adjusted independently. Therefore, the adjusted components may not add to the adjusted totals.
	<b>17</b> 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	<b>18</b> 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 respective 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 <i>A Guide to Interpreting Time Series—Monitoring 'Trends': an Overview</i> (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on (02) 6252 6076.

### EXPLANATORY NOTES

TREND ESTIMATES continued	<b>19</b> While the smoothing techniques described in paragraph 18 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	<ul> <li>20 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 (currently 1997–1998). The reference year will be updated annually in the July 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</li> <li>21 Further information on the nature and concepts of chain volume measures is contained in the ABS publication <i>Information paper: Introduction of Chain Volume Measures in the Australian National Accounts</i> (Cat. no. 5248.0).</li> </ul>
AUSTRALIAN STANDARD GEOGRAPHICAL CLASSIFICATION (ASGC)	<b>22</b> Area statistics are now being classified to the <i>Australian Standard Geographical Classification, 1999 Edition,</i> (Cat. no. 1216.0), effective from 1 July 1999, and ASGC terminology has been adopted in the presentation of building Statistics.
UNPUBLISHED DATA	<b>23</b> The ABS can also make available certain building approvals data which are not published. Where the data cannot be provided by telephone, it can be provided via fax, photocopy, computer printout, floppy disk and email. A charge may be made for providing unpublished data in these forms.
RELATED PUBLICATIONS	<ul> <li>24 Users may also wish to refer to the following publications:</li> <li>Building Activity, Building Work Done, Australia (Cat. no. 8755.0)</li> <li>Building Activity, Australia (Cat. no. 8752.0)</li> <li>Building Activity, Australia: Dwelling Unit Commencements (Cat. no. 8750.0)</li> <li>Building Activity, South Australia (Cat. no. 8752.4)</li> <li>Building Approvals, Australia (Cat. no. 8731.0)</li> <li>Engineering Construction Activity, Australia (Cat. no. 8762.0)</li> <li>House Price Indexes: Eight Capital Cities (Cat. no. 6416.0)</li> <li>Housing Finance for Owner Occupation, Australia (Cat. no. 5609.0)</li> <li>Price Index of Materials Used in Building Other than House Building (Cat. no. 6407.0)</li> <li>Price Index of Materials Used in House Building (Cat. no. 6408.0).</li> </ul>
ROUNDING	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 availableCCityDCDistrict CouncilMMunicipalityRCRural CitySDStatistical DivisionSSDStatistical Subdivision

### GLOSSARY

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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 12.
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 12.
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 either new or alteration/addition work on non-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.

### GLOSSARY

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MiscellaneousIncludes justice and defence buildings, welfare and charitable homes, prisons and reformatories, mainterance camps, farming and livestock buildings, veterinary clinics, childminding centres, police stattons and public toilets.New building workBuilding activity which will result in the creation of a building which previously did not exist.New other residential buildingBuilding activity which will result in the creation of a residential building other than a house, which previously did not exist.New residentialBuilding activity which will result in the creation of any residential building (house or other residential) which previously did not exist.Non-residential buildingAnon-residential building is primarily intended for purposes other than long term residential purposes. Note that, on coccasions, one or more dwelling units may be created through non-residential building curves: Note haven or more dwelling units any be created through non-residential building curves. They are now identified separately (e.g. see table 5). However, the value of these dwelling units approates.Other business premisesIncludes and secotated with these remain in the appropriate Non-residential building, telephone exchanges, broadcasting and film studios.Other dwellingAn other residential building (e.g. finst) identification work to an existing residential buildin	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. caretakers residences) associated with a non-residential building are defined as houses.
did not exist.New other residential buildingsBuilding activity which will result in the creation of a residential building other than a house, which previously did not exist.New residentialBuilding activity which will result in the creation of any residential building (house or other residential) which previously did not exist.Non-residential buildingA 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 	Miscellaneous	reformatories, maintenance camps, farming and livestock buildings, veterinary
than a house, which previously did not exist.New residentialBuilding activity which will result in the creation of any residential building (house or other residential) which previously did not exist.Non-residential buildingA non-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.OfficesIncludes banks, post offices and council chambers.Other business premisesIncludes warehouses, service stations, transport depots and terminals, electricity substation buildings (e.g. flats); alteration/addition work to an existing residential building; conversion of a non-residential building to a residential building creating more than one dwelling unit.Other residential building; conversion of a non-residential building to a residential building creating more than one dwelling unit.Other residential building of the residential building of the following categories: semi-detached, row or terrace house or townhouse with one storey; flat, unit or apartment in a building of three storeys; flat, unit or apartment in a building of three storey; semi-detached, row or terrace house or townhouse with one storey; flat, unit or apartment two categories are included with the semi-detached, row or terrace house or townhouse with one storey; flat, unit or apartment two categoris are included with heseni-detach	New building work	
(house or other residential) which previously did not exist.Non-residential buildingA 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 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.OfficesIncludes banks, post offices and council chambers.Other business premisesIncludes warehouses, service stations, transport depots and terminals, electricity substation buildings (e.g. flats); alteration/addition work to an existing residential building conversion of a non-residential building work to an acon-residential building; conversion of a non-residential building to a residential building creating more than one dwelling unit.Other residential building is a building other residential building contains more than one dwelling unit. Other residential building is a building other than a house primarily used for long-term residential building is a building other than a house primarily used for long-term residential building is a building or the residential building of the storey; semi-detached, row or terrace house or townhouse with one storey; semi-detached, row or terrace house or townhouse with one storey; semi-detached, row or terrace house or townhouse with one storey; semi-detached, row or terrace house or townhouse with one storey; semi-detached, row or terrace house or townhouse with one storey; semi-detached, row or terrace house or townhouse with one storey; s	New other residential buildings	
<ul> <li>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.</li> <li>Offices</li> <li>Includes banks, post offices and council chambers.</li> <li>Other business premises</li> <li>Includes warehouses, service stations, transport depots and terminals, electricity substation buildings, telephone exchanges, broadcasting and film studios.</li> <li>Other dwellings</li> <li>Includes all dwellings other than houses. They can be created by: the creation of new other residential building (e.g. flats); alteration/addition work to an existing residential building; conversion of a non-residential building to a residential building creating more than one dwelling unit.</li> <li>Other residential building</li> <li>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 building of one or two storeys; flat, unit or apartment in a building of one or two storeys; flat, unit or apartment in a building of one or two storeys; flat, unit or apartment in a building of one or two retrace house or townhouse with two or more storeys; unknown. The latter two categories are included with the semi-detached, row or terrace house or townhouse with two or more storeys; flat, unit or apartment in a building of four or more storeys; flat, unit or apartment in a building of four or more storeys; flat, unit or apartment in a building of four or more storeys; s</li></ul>	New residential	
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	Religious	Includes convents, churches, temples, mosques, monasteries and noviciates.
	Residential building	

### GLOSSARY

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Semi-detached, row or terrace houses, townhouses

Dwellings having their own private grounds with no other dwellings above or below.

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

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