

# BUILDING APPROVALS

**SOUTH  
AUSTRALIA**

EMBARGO: 11:30AM (CANBERRA TIME) TUES 1 DEC 1998

## OCTOBER KEY FIGURES

### TREND ESTIMATES

	Oct 1998	% change Sep 1998 to Oct 1998	% change Oct 1997 to Oct 1998
Dwelling units approved			
Private sector houses	532	0.5	9.2
Total dwelling units	655	-1.4	18.8

### SEASONALLY ADJUSTED

	Oct 1998	% change Sep 1998 to Oct 1998	% change Oct 1997 to Oct 1998
Dwelling units approved			
Private sector houses	523	-4.2	5.3
Total dwelling units	603	-10.4	4.9

## OCTOBER KEY POINTS

### TREND ESTIMATES

- The trend for total dwelling units is 3.5% lower than July 1998, due mainly to the decline in other dwelling approvals over this time.
- The trend for private sector houses remains relatively flat with a small increase of 0.5% in October.

### SEASONALLY ADJUSTED ESTIMATES

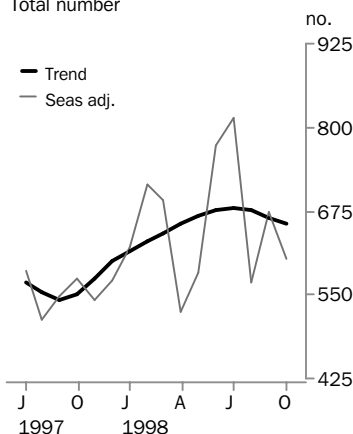
- The seasonally adjusted estimate for total dwelling units decreased by 10.4% in October following an increase of 18.4% in the previous month.
- The seasonally adjusted estimate for private sector houses fell by 4.2% in October following an increase of 12.5% in the previous month.

### ORIGINAL ESTIMATES

- There were 585 dwellings approved in October (542 houses, 43 other dwellings).
- Within the Adelaide Statistical Division (ASD), Burnside - South-West (38) recorded the highest number of dwelling approvals, whilst Roxby Downs and Victor Harbor both recorded the highest number (17) in the rest of the State.
- The value of non-residential building approved was \$40.5 million. There was one building project in the Health category valued at \$5 million and over.

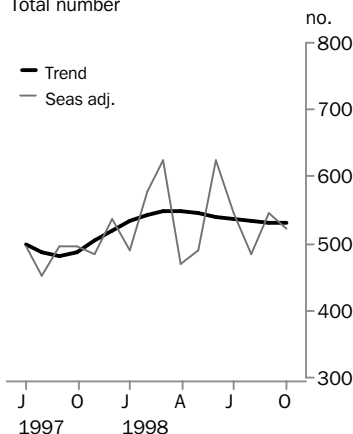
### Dwelling units approved

Total number



### Private sector houses approved

Total number



- For further information about these and related statistics, contact Merv Leaker on Adelaide 08 8237 7585 or any ABS office shown on the back cover of this publication.

## NOTES

### FORTHCOMING ISSUES

#### ISSUE

#### RELEASE DATE

November 1998

7 January 1999

December 1998

3 February 1999

January 1999

2 March 1999

February 1999

30 March 1999

March 1999

4 May 1999

April 1999

2 June 1999

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### CHANGES IN THIS ISSUE

Constant price estimates in table 8 have been replaced by chain volume measures. For more information see paragraphs 20 and 21 of Explanatory Notes.

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### DATA NOTES

There are no data notes in this issue.

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### REVISIONS THIS MONTH

There are no revisions this month.

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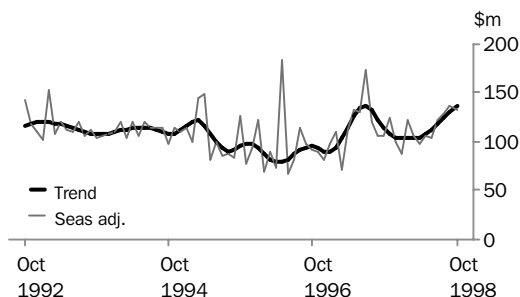
P. M. GARDNER

Regional Director, South Australia

## VALUE OF BUILDING APPROVED

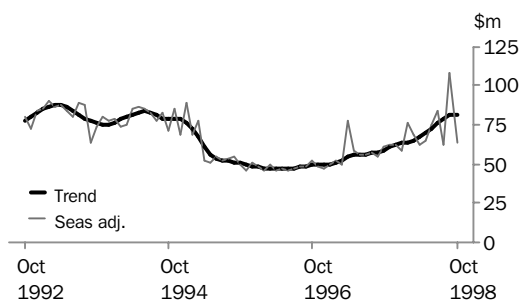
### VALUE OF TOTAL BUILDING

The growth in the trend continued in October, although the rate shows signs of slowing. The trend is 31.5% higher than the March 1998 level.



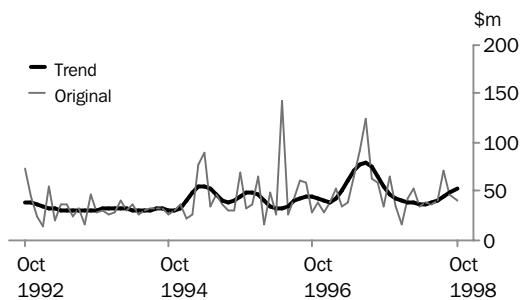
### VALUE OF RESIDENTIAL BUILDING

Growth in the trend has slowed markedly following a fall of 40.9% in the seasonally adjusted estimate in October 1998.



### VALUE OF NON-RESIDENTIAL BUILDING

Growth in the trend has continued with an increase of 8% in October 1998. It has increased by 45.3% in the six months since April 1998.



# VALUE OF BUILDING APPROVED

## CHAIN VOLUME MEASURES

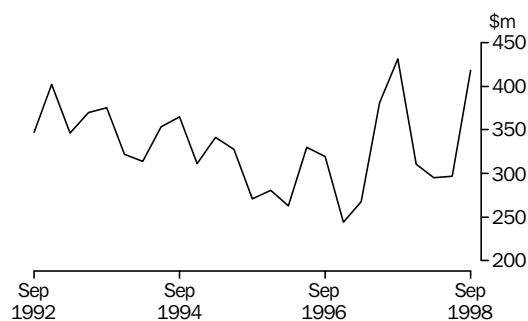
### SEPTEMBER QUARTER 1998

Changes in the original series of value of building approvals in the September Quarter 1998 in chain volume measures are summarised below.

	ORIGINAL	
	<i>Jun Qtr 1998 to Sep Qtr 1998</i>	<i>Sep Qtr 1997 to Sep Qtr 1998</i>
	<i>% change</i>	<i>% change</i>
New residential building	41.4	48.5
Alterations and additions to residential buildings	21.8	5.3
Non-residential building	45.1	-36.9
<b>Total building</b>	<b>40.9</b>	<b>-3.0</b>

The value of total building has increased by 40.9% from the June quarter 1998 although it is 3.0% below the level of the September quarter 1997.

### QUARTERLY VALUE OF BUILDING APPROVED (chain volume measures)



# WHAT IF...? REVISIONS TO TREND ESTIMATES

## EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

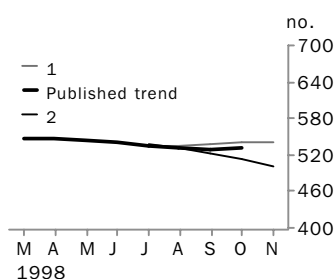
Readers should exercise care when interpreting trend estimates. The last six trend estimates, in particular, are likely to be revised when new seasonally adjusted estimates become available.

### TREND REVISIONS

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

The graphs and tables which follow present the effect of two possible scenarios on the previous trend estimates: that the November seasonally adjusted estimate is higher than the October estimate by 9% for the number of private sector houses approved and 10% for total dwelling units approved; and that the November seasonally adjusted estimate is lower than the October estimate by 9% for the number of private sector houses approved and 10% 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.

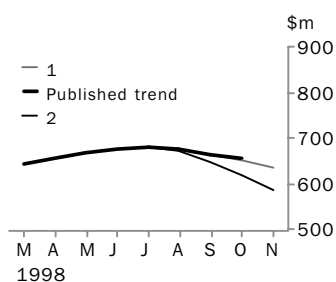
### PRIVATE SECTOR HOUSES



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

	TREND AS PUBLISHED		<b>1</b> rises by 9% on Oct 1998		<b>2</b> falls by 9% on Oct 1998	
	no.	% change	no.	% change	no.	% change
June 1998	540	-0.9	539	-1.0	542	-0.7
July 1998	536	-0.8	535	-0.6	537	-1.0
August 1998	533	-0.6	536	0.1	531	-1.1
September 1998	530	-0.6	538	0.4	523	-1.6
October 1998	532	0.5	542	0.7	514	-1.8
November 1998	n.y.a.	n.y.a.	542	0.1	500	-2.6

### TOTAL DWELLING UNITS



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

	TREND AS PUBLISHED		<b>1</b> rises by 10% on Oct 1998		<b>2</b> falls by 10% on Oct 1998	
	no.	% change	no.	% change	no.	% change
June 1998	675	1.2	675	1.1	679	1.4
July 1998	679	0.5	678	0.5	680	0.2
August 1998	675	-0.6	676	-0.4	670	-1.5
September 1998	664	-1.6	665	-1.6	647	-3.5
October 1998	655	-1.4	653	-1.8	619	-4.3
November 1998	n.y.a.	n.y.a.	636	-2.6	585	-5.5

## DWELLING UNITS APPROVED

Month	HOUSES.....		OTHER DWELLINGS(a).....		TOTAL DWELLING UNITS..	
	Private sector	Total	Private sector	Total	Private sector	Total
	no.	no.	no.	no.	no.	no.
ORIGINAL						
<b>1997</b>						
August	514	530	38	38	552	568
September	505	527	65	73	570	600
October	523	538	61	61	584	599
November	482	490	62	62	544	552
December	475	482	31	31	506	513
<b>1998</b>						
January	365	373	55	58	420	431
February	542	545	121	121	663	666
March	623	671	63	67	686	738
April	461	472	30	30	491	502
May	515	527	73	75	588	602
June	610	641	161	169	771	810
July	654	660	239	241	893	901
August	528	536	94	98	622	634
September	600	625	117	117	717	742
October	518	542	43	43	561	585
SEASONALLY ADJUSTED						
<b>1997</b>						
August	452	471	n.a.	n.a.	503	514
September	496	509	n.a.	n.a.	528	548
October	496	517	n.a.	n.a.	544	575
November	484	505	n.a.	n.a.	528	541
December	538	551	n.a.	n.a.	559	570
<b>1998</b>						
January	490	508	n.a.	n.a.	594	621
February	578	582	n.a.	n.a.	710	714
March	624	649	n.a.	n.a.	662	691
April	469	484	n.a.	n.a.	510	525
May	491	503	n.a.	n.a.	573	583
June	624	643	n.a.	n.a.	747	772
July	546	554	n.a.	n.a.	802	813
August	485	499	n.a.	n.a.	561	568
September	546	562	n.a.	n.a.	656	673
October	523	553	n.a.	n.a.	554	603
TREND ESTIMATES						
<b>1997</b>						
August	486	502	n.a.	n.a.	535	553
September	480	498	n.a.	n.a.	525	543
October	487	505	n.a.	n.a.	533	551
November	504	522	n.a.	n.a.	556	575
December	520	537	n.a.	n.a.	581	599
<b>1998</b>						
January	533	549	n.a.	n.a.	598	615
February	543	558	n.a.	n.a.	612	629
March	548	562	n.a.	n.a.	624	641
April	548	563	n.a.	n.a.	639	656
May	545	559	n.a.	n.a.	652	667
June	540	554	n.a.	n.a.	661	675
July	536	551	n.a.	n.a.	663	679
August	533	549	n.a.	n.a.	656	675
September	530	548	n.a.	n.a.	641	664
October	532	553	n.a.	n.a.	627	655

(a) See Glossary for definition.

## DWELLING UNITS APPROVED, Percentage Change

Month	HOUSES.....		OTHER DWELLINGS(a)....		TOTAL DWELLING UNITS....	
	Private sector	Total	Private sector	Total	Private sector	Total
ORIGINAL (% change from preceding month)						
<b>1997</b>						
August	-10.1	-9.2	-24.0	-24.0	-11.3	-10.4
September	-1.8	-0.6	71.1	92.1	3.3	5.6
October	3.6	2.1	-6.2	-16.4	2.5	-0.2
November	-7.8	-8.9	1.6	1.6	-6.8	-7.8
December	-1.5	-1.6	-50.0	-50.0	-7.0	-7.1
<b>1998</b>						
January	-23.2	-22.6	77.4	87.1	-17.0	-16.0
February	48.5	46.1	120.0	108.6	57.9	54.5
March	14.9	23.1	-47.9	-44.6	3.5	10.8
April	-26.0	-29.7	-52.4	-55.2	-28.4	-32.0
May	11.7	11.7	143.3	150.0	19.8	19.9
June	18.4	21.6	120.5	125.3	31.1	34.6
July	7.2	3.0	48.4	42.6	15.8	11.2
August	-19.3	-18.8	-60.7	-59.3	-30.3	-29.6
September	13.6	16.6	24.5	19.4	15.3	17.0
October	-13.7	-13.3	-63.2	-63.2	-21.8	-21.2
SEASONALLY ADJUSTED (% change from preceding month)						
<b>1997</b>						
August	-8.8	-6.7	n.a.	n.a.	-11.9	-12.3
September	9.6	8.1	n.a.	n.a.	5.1	6.5
October	0.2	1.6	n.a.	n.a.	3.0	5.0
November	-2.5	-2.3	n.a.	n.a.	-2.9	-5.9
December	11.2	9.0	n.a.	n.a.	5.7	5.5
<b>1998</b>						
January	-8.9	-7.8	n.a.	n.a.	6.4	8.9
February	18.0	14.5	n.a.	n.a.	19.4	15.0
March	7.9	11.5	n.a.	n.a.	-6.7	-3.2
April	-24.8	-25.3	n.a.	n.a.	-22.9	-24.0
May	4.6	3.9	n.a.	n.a.	12.4	11.1
June	27.2	27.8	n.a.	n.a.	30.3	32.3
July	-12.5	-13.9	n.a.	n.a.	7.3	5.4
August	-11.1	-9.9	n.a.	n.a.	-30.1	-30.1
September	12.5	12.6	n.a.	n.a.	16.9	18.4
October	-4.2	-1.7	n.a.	n.a.	-15.6	-10.4
TREND ESTIMATES (% change from preceding month)						
<b>1997</b>						
August	-2.5	-2.0	n.a.	n.a.	-3.2	-3.0
September	-1.1	-0.8	n.a.	n.a.	-1.8	-1.7
October	1.5	1.5	n.a.	n.a.	1.5	1.5
November	3.5	3.3	n.a.	n.a.	4.3	4.2
December	3.2	2.9	n.a.	n.a.	4.4	4.2
<b>1998</b>						
January	2.5	2.3	n.a.	n.a.	2.9	2.7
February	1.8	1.6	n.a.	n.a.	2.3	2.3
March	0.9	0.8	n.a.	n.a.	2.1	2.0
April	0.1	0.1	n.a.	n.a.	2.4	2.2
May	-0.6	-0.6	n.a.	n.a.	2.0	1.8
June	-0.9	-0.8	n.a.	n.a.	1.3	1.2
July	-0.8	-0.7	n.a.	n.a.	0.3	0.5
August	-0.6	-0.3	n.a.	n.a.	-1.0	-0.6
September	-0.6	-0.3	n.a.	n.a.	-2.3	-1.6
October	0.5	1.0	n.a.	n.a.	-2.3	-1.4

(a) See Glossary for definition.

## VALUE OF BUILDING APPROVED

Month	New residential building \$m	Alterations and additions to residential buildings(a) \$m	Total residential building \$m	Non- residential building \$m	Total building \$m
ORIGINAL					
<b>1997</b>					
August	49.3	10.1	59.4	63.8	123.2
September	51.9	10.6	62.5	58.6	121.1
October	51.2	12.0	63.3	34.1	97.4
November	51.2	11.1	62.3	64.5	126.7
December	48.1	10.6	58.6	35.1	93.7
<b>1998</b>					
January	37.4	7.3	44.7	16.1	60.8
February	57.0	15.6	72.6	41.9	114.5
March	63.6	10.7	74.3	53.8	128.1
April	44.0	9.6	53.6	34.6	88.3
May	55.3	9.2	64.4	38.2	102.6
June	70.0	10.2	80.3	36.5	116.8
July	78.6	11.8	90.4	40.2	130.6
August	58.5	10.6	69.1	72.1	141.2
September	103.4	13.1	116.5	46.9	163.5
October	55.5	10.8	66.3	40.5	106.9
SEASONALLY ADJUSTED					
<b>1997</b>					
August	46.6	10.4	56.9	n.a.	121.2
September	46.1	8.7	54.7	n.a.	106.2
October	50.4	10.9	61.3	n.a.	106.3
November	50.8	11.3	62.1	n.a.	124.7
December	51.9	10.7	62.7	n.a.	99.3
<b>1998</b>					
January	50.4	8.9	59.3	n.a.	88.5
February	58.2	18.9	77.1	n.a.	123.1
March	58.9	9.8	68.7	n.a.	105.6
April	52.4	9.8	62.2	n.a.	97.4
May	55.2	10.0	65.3	n.a.	106.6
June	65.3	9.8	75.0	n.a.	103.6
July	73.3	11.5	84.8	n.a.	121.9
August	51.6	10.8	62.4	n.a.	128.1
September	97.9	10.7	108.6	n.a.	137.1
October	54.5	9.7	64.2	n.a.	132.2
TREND ESTIMATES					
<b>1997</b>					
August	47.3	9.9	57.1	75.0	132.2
September	47.8	10.1	57.8	65.6	123.4
October	48.8	10.3	59.1	54.9	114.0
November	50.4	10.4	60.8	46.9	107.7
December	52.0	10.4	62.4	42.5	104.8
<b>1998</b>					
January	53.1	10.2	63.3	40.9	104.2
February	54.5	10.0	64.4	39.7	104.1
March	55.4	9.8	65.3	38.1	103.4
April	57.2	9.9	67.1	37.1	104.2
May	59.8	10.1	69.9	37.4	107.3
June	63.0	10.4	73.3	38.9	112.2
July	66.1	10.5	76.6	41.5	118.1
August	68.7	10.6	79.3	45.5	124.8
September	70.5	10.6	81.1	49.9	130.9
October	71.6	10.5	82.2	53.9	136.0

(a) Refer to Explanatory Notes paragraph 12.



# VALUE OF BUILDING APPROVED, Percentage Change

Month	New residential building	Alterations and additions to residential buildings(a)	Total residential building	Non- residential building	Total building
ORIGINAL (% change from preceding month)					
<b>1997</b>					
August	-3.5	-6.5	-4.1	-49.0	-34.1
September	5.2	5.4	5.2	-8.2	-1.7
October	-1.2	13.3	1.2	-41.8	-19.6
November	-0.1	-8.1	-1.6	89.1	30.1
December	-6.1	-4.7	-5.9	-45.6	-26.1
<b>1998</b>					
January	-22.1	-31.3	-23.8	-54.0	-35.1
February	52.3	115.3	62.5	159.6	88.3
March	11.5	-31.3	2.3	28.5	11.9
April	-30.7	-10.8	-27.8	-35.7	-31.1
May	25.5	-4.3	20.2	10.2	16.3
June	26.7	11.8	24.6	-4.4	13.8
July	12.3	15.2	12.6	10.1	11.9
August	-25.6	-10.5	-23.6	79.5	8.1
September	76.6	24.6	68.7	-34.9	15.8
October	-46.3	-17.8	-43.1	-13.7	-34.6
SEASONALLY ADJUSTED (% change from preceding month)					
<b>1997</b>					
August	0.8	9.3	2.2	n.a.	-30.4
September	-1.1	-16.2	-3.9	n.a.	-12.4
October	9.4	26.1	12.1	n.a.	0.1
November	0.8	3.3	1.2	n.a.	17.2
December	2.2	-4.9	0.9	n.a.	-20.3
<b>1998</b>					
January	-3.0	-16.7	-5.4	n.a.	-10.9
February	15.5	111.5	30.0	n.a.	39.1
March	1.2	-48.1	-10.9	n.a.	-14.2
April	-10.9	-0.6	-9.4	n.a.	-7.8
May	5.3	2.5	4.9	n.a.	9.4
June	18.1	-2.5	15.0	n.a.	-2.8
July	12.3	17.3	13.0	n.a.	17.6
August	-29.6	-5.4	-26.4	n.a.	5.0
September	89.7	-0.9	74.0	n.a.	7.1
October	-44.4	-9.3	-40.9	n.a.	-3.5
TREND ESTIMATES (% change from preceding month)					
<b>1997</b>					
August	0.8	1.4	0.9	-5.7	-3.0
September	1.0	2.2	1.2	-12.6	-6.6
October	2.2	1.9	2.1	-16.3	-7.6
November	3.3	1.2	2.9	-14.7	-5.5
December	3.2	-0.3	2.6	-9.4	-2.6
<b>1998</b>					
January	2.2	-1.7	1.5	-3.7	-0.6
February	2.5	-2.1	1.8	-2.9	-0.1
March	1.8	-1.3	1.3	-3.9	-0.7
April	3.1	0.6	2.7	-2.7	0.7
May	4.6	2.4	4.3	0.7	3.0
June	5.3	2.4	4.9	4.1	4.6
July	4.9	1.4	4.4	6.9	5.3
August	4.0	0.7	3.5	9.4	5.6
September	2.6	0.0	2.2	9.7	5.0
October	1.6	-0.6	1.4	8.0	3.9

(a) Refer to Explanatory Notes paragraph 12.

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

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Conversion(a)</i>	<i>Non-residential building(a)</i>	<i>Total dwelling units</i>
PRIVATE SECTOR (Number)						
<b>1995-96</b>	4 930	773	(b) 56	(b) 0	1	5 760
<b>1996-97</b>	5 508	613	11	8	8	6 148
<b>1997-98</b>	6 177	726	9	75	10	6 997
<b>1997</b>						
October	523	61	0	0	0	584
November	482	60	2	0	0	544
December	475	30	1	0	0	506
<b>1998</b>						
January	364	55	1	0	0	420
February	541	53	0	67	2	663
March	621	61	0	2	2	686
April	459	29	1	2	0	491
May	514	73	0	1	0	588
June	609	160	0	1	1	771
July	652	239	0	2	0	893
August	527	93	1	1	0	622
September	600	117	0	0	0	717
October	518	43	0	0	0	561
PUBLIC SECTOR (Number)						
<b>1995-96</b>	179	29	(b) 0	(b) 0	0	208
<b>1996-97</b>	96	17	0	3	0	116
<b>1997-98</b>	193	23	2	0	0	218
<b>1997</b>						
October	15	0	0	0	0	15
November	8	0	0	0	0	8
December	7	0	0	0	0	7
<b>1998</b>						
January	8	3	0	0	0	11
February	3	0	0	0	0	3
March	48	4	0	0	0	52
April	11	0	0	0	0	11
May	12	2	0	0	0	14
June	31	6	2	0	0	39
July	6	2	0	0	0	8
August	8	4	0	0	0	12
September	25	0	0	0	0	25
October	24	0	0	0	0	24
TOTAL (Number)						
<b>1995-96</b>	5 109	802	(b) 56	(b) 0	1	5 968
<b>1996-97</b>	5 604	630	11	11	8	6 264
<b>1997-98</b>	6 370	749	11	75	10	7 215
<b>1997</b>						
October	538	61	0	0	0	599
November	490	60	2	0	0	552
December	482	30	1	0	0	513
<b>1998</b>						
January	372	58	1	0	0	431
February	544	53	0	67	2	666
March	669	65	0	2	2	738
April	470	29	1	2	0	502
May	526	75	0	1	0	602
June	640	166	2	1	1	810
July	658	241	0	2	0	901
August	535	97	1	1	0	634
September	625	117	0	0	0	742
October	542	43	0	0	0	585

(a) See Glossary for definition.

(b) Conversions are included in alterations and additions to residential buildings.

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

Period	New houses	New other residential building	Alterations and additions creating dwellings	Alterations and additions not creating dwellings	Conversion(a)	Total residential building	Non-residential building	Total building
PRIVATE SECTOR (\$ million)								
<b>1995-96</b>	399.4	54.6	(b) 2.5	114.7	(b) 0.0	571.3	393.0	<b>964.3</b>
<b>1996-97</b>	462.9	44.0	0.6	113.8	0.6	621.8	422.4	<b>1 044.2</b>
<b>1997-98</b>	553.2	61.1	0.6	118.3	7.6	740.7	471.9	<b>1 212.7</b>
<b>1997</b>								
October	45.4	4.6	0.0	12.0	0.0	62.0	30.8	<b>92.7</b>
November	46.8	3.8	0.3	10.7	0.1	61.6	57.0	<b>118.6</b>
December	44.5	3.0	0.0	10.5	0.0	58.1	27.8	<b>85.9</b>
<b>1998</b>								
January	32.6	4.2	0.1	7.1	0.0	44.1	7.9	<b>51.9</b>
February	48.7	8.0	0.0	8.4	7.1	72.2	31.0	<b>103.2</b>
March	55.5	4.8	0.0	10.7	0.1	71.0	47.8	<b>118.8</b>
April	40.4	2.6	0.0	9.5	0.1	52.6	23.8	<b>76.3</b>
May	46.0	8.1	0.0	9.1	0.1	63.2	35.6	<b>98.8</b>
June	57.5	9.9	0.0	10.1	0.0	77.4	17.0	<b>94.4</b>
July	57.9	20.4	0.0	10.9	0.1	89.3	31.6	<b>120.9</b>
August	48.7	9.0	0.1	10.4	0.0	68.3	52.5	<b>120.8</b>
September	58.7	43.0	0.0	12.9	0.0	114.7	30.5	<b>145.2</b>
October	49.2	4.7	0.0	10.8	0.0	64.7	34.3	<b>99.0</b>
PUBLIC SECTOR (\$ million)								
<b>1995-96</b>	13.3	1.9	(b) 0	1.6	(b) 0.0	17.1	173.2	<b>190.4</b>
<b>1996-97</b>	7.4	1.3	0.0	1.3	0.3	10.3	158.4	<b>168.7</b>
<b>1997-98</b>	14.5	1.4	0.1	1.2	0.0	17.2	130.3	<b>147.5</b>
<b>1997</b>								
October	1.3	0.0	0.0	0.0	0.0	1.3	3.3	<b>4.6</b>
November	0.6	0.0	0.0	0.0	0.0	0.6	7.5	<b>8.1</b>
December	0.5	0.0	0.0	0.0	0.0	0.5	7.2	<b>7.7</b>
<b>1998</b>								
January	0.4	0.2	0.0	0.0	0.0	0.6	8.3	<b>8.9</b>
February	0.3	0.0	0.0	0.1	0.0	0.4	10.9	<b>11.3</b>
March	3.0	0.3	0.0	0.0	0.0	3.3	6.0	<b>9.3</b>
April	1.1	0.0	0.0	0.0	0.0	1.1	10.9	<b>11.9</b>
May	1.1	0.1	0.0	0.0	0.0	1.2	2.5	<b>3.8</b>
June	2.3	0.4	0.1	0.1	0.0	2.9	19.5	<b>22.4</b>
July	0.3	0.1	0.0	0.8	0.0	1.1	8.5	<b>9.7</b>
August	0.6	0.2	0.0	0.0	0.0	0.8	19.6	<b>20.4</b>
September	1.6	0.0	0.0	0.2	0.0	1.9	16.4	<b>18.3</b>
October	1.6	0.0	0.0	0.0	0.0	1.6	6.2	<b>7.9</b>
TOTAL (\$ million)								
<b>1995-96</b>	412.7	56.6	(b) 2.5	116.3	(b) 0.0	588.4	566.2	<b>1 154.6</b>
<b>1996-97</b>	470.2	45.3	0.6	115.1	0.9	632.1	580.7	<b>1 212.8</b>
<b>1997-98</b>	567.7	62.5	0.7	119.5	7.6	758.0	602.2	<b>1 360.1</b>
<b>1997</b>								
October	46.7	4.6	0.0	12.0	0.0	63.3	34.1	<b>97.4</b>
November	47.4	3.8	0.3	10.7	0.1	62.3	64.5	<b>126.7</b>
December	45.1	3.0	0.0	10.5	0.0	58.6	35.1	<b>93.7</b>
<b>1998</b>								
January	33.0	4.4	0.1	7.1	0.0	44.7	16.1	<b>60.8</b>
February	49.0	8.0	0.0	8.5	7.1	72.6	41.9	<b>114.5</b>
March	58.4	5.1	0.0	10.7	0.1	74.3	53.8	<b>128.1</b>
April	41.4	2.6	0.0	9.5	0.1	53.6	34.6	<b>88.3</b>
May	47.1	8.2	0.0	9.1	0.1	64.4	38.2	<b>102.6</b>
June	59.8	10.2	0.1	10.2	0.0	80.3	36.5	<b>116.8</b>
July	58.1	20.5	0.0	11.7	0.1	90.4	40.2	<b>130.6</b>
August	49.3	9.2	0.1	10.5	0.0	69.1	72.1	<b>141.2</b>
September	60.3	43.0	0.0	13.1	0.0	116.5	46.9	<b>163.5</b>
October	50.8	4.7	0.0	10.8	0.0	66.3	40.5	<b>106.9</b>

(a) See Glossary for definition.

(b) Conversions are included in alterations and additions creating dwellings.

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

## NEW OTHER RESIDENTIAL BUILDING

Period	New houses	Semi-detached, row or terrace houses, townhouses, etc of .....			Flats, units or apartments in a building of .....			Total	Total new residential building	
		One storey	Two or more storeys	Total	One or two storeys	Three storeys	Four or more storeys	Total		
NUMBER OF DWELLING UNITS										
<b>1995-96</b>	5 109	518	179	697	14	66	25	105	802	<b>5 911</b>
<b>1996-97</b>	5 604	492	86	578	20	30	2	52	630	<b>6 234</b>
<b>1997-98</b>	6 370	467	154	621	49	18	61	128	749	<b>7 119</b>
<b>1997</b>										
August	529	28	9	37	0	0	0	0	37	<b>566</b>
September	527	24	44	68	0	0	0	0	68	<b>595</b>
October	538	52	9	61	0	0	0	0	61	<b>599</b>
November	490	11	0	11	49	0	0	49	60	<b>550</b>
December	482	21	9	30	0	0	0	0	30	<b>512</b>
<b>1998</b>										
January	372	54	4	58	0	0	0	0	58	<b>430</b>
February	544	22	2	24	0	0	29	29	53	<b>597</b>
March	669	41	14	55	0	10	0	10	65	<b>734</b>
April	470	16	8	24	0	5	0	5	29	<b>499</b>
May	526	27	13	40	0	3	32	35	75	<b>601</b>
June	640	126	40	166	0	0	0	0	166	<b>806</b>
July	658	47	65	112	49	53	27	129	241	<b>899</b>
August	535	36	57	93	4	0	0	4	97	<b>632</b>
September	625	29	8	37	0	0	80	80	117	<b>742</b>
October	542	19	24	43	0	0	0	0	43	<b>585</b>
VALUE (\$ million)										
<b>1995-96</b>	412.8	30.8	18.3	49.2	1.0	3.8	2.5	7.3	56.7	<b>469.3</b>
<b>1996-97</b>	470.1	30.9	9.5	40.3	1.9	3.1	0.0	5.1	45.1	<b>515.5</b>
<b>1997-98</b>	567.7	32.8	14.2	47.2	3.0	1.8	10.6	15.4	62.5	<b>630.1</b>
<b>1997</b>										
August	45.7	3.0	0.6	3.6	0.0	0.0	0.0	0.0	3.6	<b>49.3</b>
September	46.2	1.7	4.0	5.7	0.0	0.0	0.0	0.0	5.7	<b>51.9</b>
October	46.7	3.7	0.8	4.6	0.0	0.0	0.0	0.0	4.6	<b>51.2</b>
November	47.4	0.8	0.0	0.8	3.0	0.0	0.0	3.0	3.8	<b>51.2</b>
December	45.1	1.7	1.3	3.0	0.0	0.0	0.0	0.0	3.0	<b>48.1</b>
<b>1998</b>										
January	33.0	3.9	0.5	4.4	0.0	0.0	0.0	0.0	4.4	<b>37.4</b>
February	49.0	1.5	0.3	1.8	0.0	0.0	6.2	6.2	8.0	<b>57.0</b>
March	58.4	3.2	1.1	4.3	0.0	0.8	0.0	0.8	5.1	<b>63.6</b>
April	41.4	1.1	0.9	2.1	0.0	0.6	0.0	0.6	2.6	<b>44.0</b>
May	47.1	2.0	1.4	3.4	0.0	0.4	4.4	4.8	8.2	<b>55.3</b>
June	59.8	7.0	3.2	10.2	0.0	0.0	0.0	0.0	10.2	<b>70.0</b>
July	58.1	3.4	6.1	9.5	5.3	2.7	3.0	11.0	20.5	<b>78.6</b>
August	49.3	2.8	6.3	9.0	0.2	0.0	0.0	0.2	9.2	<b>58.5</b>
September	60.3	2.2	0.8	3.0	0.0	0.0	40.0	40.0	43.0	<b>103.4</b>
October	50.8	1.7	3.0	4.7	0.0	0.0	0.0	0.0	4.7	<b>55.5</b>

(a) See Glossary for definition.

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

Period	New houses	New other residential building	New residential building	Alterations and additions to residential buildings(b)	Total residential building	Non-residential building	Total building
ORIGINAL (\$ million)							
<b>1995-96</b>	398.2	57.4	453.9	115.1	569.0	574.5	<b>1 144.3</b>
<b>1996-97</b>	470.2	45.3	515.5	116.6	632.1	580.7	<b>1 212.8</b>
<b>1997-98</b>	558.8	61.0	619.7	125.9	745.7	589.5	<b>1 335.1</b>
<b>1997</b>							
June	144.1	12.7	156.9	30.6	187.4	194.3	<b>381.2</b>
September	143.2	12.3	155.5	32.3	187.8	243.7	<b>431.5</b>
December	136.1	11.2	147.3	33.0	180.2	130.8	<b>311.1</b>
<b>1998</b>							
March	136.7	17.1	153.8	32.7	186.5	109.0	<b>295.5</b>
June	142.8	20.4	163.2	27.9	191.1	105.9	<b>297.1</b>
September	160.6	70.3	230.9	34.0	264.9	153.7	<b>418.6</b>
ORIGINAL (% change from preceding quarter)							
<b>1997</b>							
June	34.0	122.3	38.3	9.6	32.6	53.7	<b>42.3</b>
September	-0.7	-2.7	-0.9	5.7	0.2	25.4	<b>13.2</b>
December	-4.9	-9.7	-5.3	2.1	-4.0	-46.3	<b>-27.9</b>
<b>1998</b>							
March	0.4	53.3	4.4	-0.8	3.5	-16.7	<b>-5.0</b>
June	4.5	19.3	6.1	-14.7	2.5	-2.8	<b>0.5</b>
September	12.4	244.7	41.4	21.8	38.6	45.1	<b>40.9</b>

(a) Reference year for chain volume measures is 1996-97. Refer to Explanatory Notes paragraph 20-21.

(b) Refer to Explanatory Notes paragraph 12.

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

		<i>Hotels, motels and other short term accommodation</i>		<i>Shops .....</i>		<i>Factories .....</i>		<i>Offices .....</i>		<i>Other business premises .....</i>		<i>Educational .....</i>	
<i>Period</i>		<i>no.</i>	<i>\$m</i>	<i>no.</i>	<i>\$m</i>	<i>no.</i>	<i>\$m</i>	<i>no.</i>	<i>\$m</i>	<i>no.</i>	<i>\$m</i>	<i>no.</i>	<i>\$m</i>
Value—\$50,000–\$199,999													
<b>1998</b>													
August		3	0.3	15	1.7	3	0.3	11	1.0	13	1.2	4	0.3
September		5	0.5	18	1.5	4	0.4	13	1.3	16	1.3	2	0.1
October		2	0.2	18	1.5	1	0.1	9	1.1	18	1.6	5	0.4
Value—\$200,000–\$499,999													
<b>1998</b>													
August		0	0.0	5	1.2	4	1.7	3	0.9	7	2.3	2	0.6
September		2	0.6	5	1.7	3	1.1	6	1.9	5	1.6	2	0.8
October		0	0.0	2	0.8	0	0.0	4	1.4	3	0.8	1	0.3
Value—\$500,000–\$999,999													
<b>1998</b>													
August		0	0.0	1	0.6	0	0.0	1	0.8	2	1.1	2	1.2
September		0	0.0	2	1.4	0	0.0	1	0.6	0	0.0	0	0.0
October		0	0.0	0	0.0	1	0.7	1	0.8	3	2.1	1	0.8
Value—\$1,000,000–\$4,999,999													
<b>1998</b>													
August		0	0.0	2	3.2	1	1.8	2	6.8	3	6.2	1	1.4
September		1	3.9	2	2.8	1	2.0	1	2.3	1	1.5	1	2.5
October		0	0.0	1	1.8	1	1.2	1	4.7	1	2.7	3	4.7
Value—\$5,000,000 and over													
<b>1998</b>													
August		0	0.0	0	0.0	1	5.0	0	0.0	2	15.8	1	6.5
September		0	0.0	0	0.0	0	0.0	0	0.0	1	5.0	0	0.0
October		0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Value—Total													
<b>1995-96</b>		33	18.2	198	129.9	95	32.9	237	96.8	222	95.5	111	59.7
<b>1996-97</b>		43	42.4	239	106.2	93	26.1	212	93.2	193	93.3	112	61.0
<b>1997-98</b>		46	9.1	340	85.6	98	129.3	194	79.5	204	88.7	113	82.1
<b>1998</b>													
August		3	0.3	23	6.8	9	8.8	17	9.5	27	26.6	10	10.1
September		8	5.0	27	7.3	8	3.6	21	6.1	23	9.4	5	3.4
October		2	0.2	21	4.1	3	2.0	15	8.0	25	7.1	10	6.1

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

Period	Religious .....		Health .....		Entertainment and recreational .....		Miscellaneous .....		Total non-residential building .....	
	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
Value—\$50,000—\$199,999										
<b>1998</b>										
August	1	0.1	0	0.0	4	0.5	3	0.2	57	5.7
September	0	0.0	0	0.0	2	0.2	5	0.3	65	5.6
October	0	0.0	0	0.0	5	0.4	4	0.5	62	5.8
Value—\$200,000—\$499,999										
<b>1998</b>										
August	0	0.0	2	0.7	2	0.6	0	0.0	25	8.0
September	0	0.0	2	0.6	0	0.0	0	0.0	25	8.3
October	0	0.0	0	0.0	3	1.0	0	0.0	13	4.1
Value—\$500,000—\$999,999										
<b>1998</b>										
August	0	0.0	1	1.0	1	0.9	1	0.8	9	6.4
September	0	0.0	0	0.0	0	0.0	0	0.0	3	2.0
October	0	0.0	0	0.0	0	0.0	0	0.0	6	4.3
Value—\$1,000,000—\$4,999,999										
<b>1998</b>										
August	0	0.0	0	0.0	3	5.4	0	0.0	12	24.8
September	0	0.0	2	4.3	0	0.0	1	1.1	10	20.3
October	0	0.0	1	1.3	0	0.0	1	4.0	9	20.4
Value—\$5,000,000 and over										
<b>1998</b>										
August	0	0.0	0	0.0	0	0.0	0	0.0	4	27.3
September	0	0.0	1	5.7	0	0.0	0	0.0	2	10.7
October	0	0.0	1	5.9	0	0.0	0	0.0	1	5.9
Value—Total										
<b>1995-96</b>	16	4.7	49	52.1	62	26.8	88	49.6	1 111	566.2
<b>1996-97</b>	11	2.2	51	66.0	68	37.7	95	52.6	1 117	580.7
<b>1997-98</b>	10	5.3	57	46.5	59	58.4	67	17.6	1 188	602.2
<b>1998</b>										
August	1	0.1	3	1.7	10	7.4	4	1.0	107	72.1
September	0	0.0	5	10.6	2	0.2	6	1.4	105	46.9
October	0	0.0	2	7.2	8	1.4	5	4.5	91	40.5

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

Period	Hotels, motels and other short term accom- modation	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertain- ment and recreational	Miscell- aneous	Total non- residential building
PRIVATE SECTOR (\$ million)											
<b>1995-96</b>	18.2	122.0	26.2	53.3	77.8	17.2	3.7	41.9	23.2	9.6	<b>393.0</b>
<b>1996-97</b>	38.9	102.6	23.9	56.8	84.8	16.6	2.2	50.0	13.0	33.7	<b>422.4</b>
<b>1997-98</b>	8.6	82.7	128.9	59.9	85.9	19.0	5.3	20.0	50.6	10.9	<b>471.9</b>
<b>1997</b>											
October	0.4	7.6	12.3	2.1	2.3	1.6	0.4	0.2	2.7	1.2	<b>30.8</b>
November	0.3	5.8	3.4	38.2	3.7	2.2	0.0	2.2	0.3	0.8	<b>57.0</b>
December	0.7	2.7	1.9	3.2	6.8	4.5	3.2	1.1	1.1	2.6	<b>27.8</b>
<b>1998</b>											
January	0.1	1.6	1.3	0.3	1.7	0.5	0.0	0.9	1.3	0.3	<b>7.9</b>
February	0.5	8.0	4.4	1.1	5.9	2.5	0.0	0.2	7.9	0.5	<b>31.0</b>
March	0.8	9.7	2.3	2.6	28.8	0.9	0.1	0.3	0.6	1.6	<b>47.8</b>
April	0.0	5.9	2.4	2.0	10.8	0.4	0.0	0.1	1.9	0.3	<b>23.8</b>
May	2.8	10.8	1.8	2.7	2.5	0.2	0.5	3.1	10.7	0.6	<b>35.6</b>
June	0.3	2.5	1.4	1.4	4.8	2.6	0.1	1.8	1.8	0.4	<b>17.0</b>
July	13.1	2.5	0.9	2.4	10.6	0.9	0.1	0.1	0.1	1.0	<b>31.6</b>
August	0.3	6.8	8.8	7.3	24.3	1.6	0.1	1.7	1.6	0.2	<b>52.5</b>
September	4.8	6.1	3.6	4.9	9.3	0.0	0.0	0.3	0.2	1.4	<b>30.5</b>
October	0.1	4.1	2.0	7.6	7.1	1.9	0.0	5.9	1.3	4.3	<b>34.3</b>
PUBLIC SECTOR (\$ million)											
<b>1995-96</b>	0.0	7.9	6.7	43.5	17.8	42.5	1.0	10.2	3.6	40.0	<b>173.2</b>
<b>1996-97</b>	3.5	3.6	2.2	36.4	8.5	44.5	0.0	16.0	24.7	18.9	<b>158.4</b>
<b>1997-98</b>	0.5	2.9	0.4	19.6	2.8	63.2	0.0	26.4	7.8	6.7	<b>130.3</b>
<b>1997</b>											
October	0.0	0.2	0.0	0.4	0.1	1.5	0.0	0.5	0.6	0.1	<b>3.3</b>
November	0.0	0.2	0.0	1.6	0.3	3.2	0.0	1.5	0.3	0.4	<b>7.5</b>
December	0.0	0.1	0.0	0.5	0.0	4.9	0.0	1.3	0.3	0.1	<b>7.2</b>
<b>1998</b>											
January	0.0	0.0	0.1	0.9	0.3	6.0	0.0	0.8	0.0	0.2	<b>8.3</b>
February	0.0	1.4	0.0	1.4	0.0	1.8	0.0	2.3	0.3	3.8	<b>10.9</b>
March	0.0	0.0	0.0	0.4	0.0	1.5	0.0	1.5	1.0	1.6	<b>6.0</b>
April	0.0	0.0	0.0	6.3	0.0	0.1	0.0	0.0	4.4	0.0	<b>10.9</b>
May	0.0	0.1	0.1	0.5	1.0	0.6	0.0	0.1	0.0	0.2	<b>2.5</b>
June	0.0	0.0	0.1	1.6	0.1	16.7	0.0	0.9	0.1	0.0	<b>19.5</b>
July	0.3	0.0	0.0	0.8	5.4	0.4	0.0	0.0	0.7	0.9	<b>8.5</b>
August	0.0	0.0	0.0	2.2	2.3	8.5	0.0	0.0	5.7	0.9	<b>19.6</b>
September	0.3	1.2	0.0	1.2	0.1	3.4	0.0	10.3	0.0	0.1	<b>16.4</b>
October	0.1	0.0	0.0	0.4	0.0	4.2	0.0	1.3	0.1	0.2	<b>6.2</b>
TOTAL (\$ million)											
<b>1995-96</b>	18.2	129.9	32.9	96.8	95.5	59.7	4.7	52.1	26.8	49.6	<b>566.2</b>
<b>1996-97</b>	42.4	106.2	26.1	93.2	93.3	61.0	2.2	66.0	37.7	52.6	<b>580.7</b>
<b>1997-98</b>	9.1	85.6	129.3	79.5	88.7	82.1	5.3	46.5	58.4	17.6	<b>602.2</b>
<b>1997</b>											
October	0.4	7.8	12.3	2.5	2.4	3.1	0.4	0.7	3.3	1.3	<b>34.1</b>
November	0.3	6.0	3.4	39.8	4.0	5.4	0.0	3.8	0.5	1.3	<b>64.5</b>
December	0.7	2.8	1.9	3.8	6.8	9.4	3.2	2.4	1.3	2.8	<b>35.1</b>
<b>1998</b>											
January	0.1	1.6	1.4	1.3	1.9	6.5	0.0	1.6	1.3	0.4	<b>16.1</b>
February	0.5	9.4	4.4	2.5	5.9	4.3	0.0	2.5	8.2	4.3	<b>41.9</b>
March	0.8	9.7	2.3	3.0	28.8	2.4	0.1	1.8	1.6	3.2	<b>53.8</b>
April	0.0	5.9	2.4	8.3	10.8	0.5	0.0	0.1	6.3	0.3	<b>34.6</b>
May	2.8	10.9	1.8	3.2	3.5	0.8	0.5	3.2	10.7	0.7	<b>38.2</b>
June	0.3	2.5	1.5	3.0	4.8	19.3	0.1	2.7	1.9	0.4	<b>36.5</b>
July	13.4	2.5	0.9	3.1	16.0	1.3	0.1	0.1	0.8	1.9	<b>40.2</b>
August	0.3	6.8	8.8	9.5	26.6	10.1	0.1	1.7	7.4	1.0	<b>72.1</b>
September	5.0	7.3	3.6	6.1	9.4	3.4	0.0	10.6	0.2	1.4	<b>46.9</b>
October	0.2	4.1	2.0	8.0	7.1	6.1	0.0	7.2	1.4	4.5	<b>40.5</b>



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

Period	DWELLINGS (no.).....			VALUE (\$'000).....					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential building(b)	Total residential building	Non- residential building	Total building
PRIVATE SECTOR									
<b>1996-97</b>	3 510	489	4 020	301 860	36 115	91 150	429 125	306 979	736 104
<b>1997-98</b>	4 004	536	4 627	371 235	49 293	99 543	520 071	379 003	899 074
<b>1997</b>									
October	329	49	378	29 555	3 817	8 845	42 217	27 028	69 245
November	309	60	371	31 641	3 806	8 738	44 184	50 166	94 350
December	347	28	376	33 868	2 915	8 208	44 991	19 965	64 955
<b>1998</b>									
January	217	35	253	20 621	2 829	5 686	29 137	5 718	34 855
February	321	51	441	30 455	7 885	13 535	51 875	26 845	78 720
March	374	43	419	34 371	3 250	8 401	46 022	22 265	68 287
April	300	27	329	27 181	2 548	7 213	36 942	14 663	51 605
May	342	55	398	30 931	6 350	7 250	44 530	31 585	76 115
June	400	66	467	39 241	5 309	7 628	52 178	12 398	64 576
July	442	223	667	39 639	18 685	8 831	67 155	15 898	83 053
August	331	77	408	31 534	7 571	6 973	46 078	30 273	76 351
September	401	113	514	40 010	42 799	9 734	92 543	19 318	111 861
October	361	37	398	35 633	4 039	8 564	48 236	29 710	77 946
PUBLIC SECTOR									
<b>1996-97</b>	84	17	101	6 433	1 305	171	7 910	129 838	137 748
<b>1997-98</b>	161	17	180	12 101	995	306	13 401	89 596	102 998
<b>1997</b>									
October	15	0	15	1 285	0	0	1 285	1 934	3 219
November	8	0	8	641	0	0	641	6 883	7 524
December	7	0	7	515	0	12	526	2 350	2 877
<b>1998</b>									
January	8	3	11	443	166	15	624	7 101	7 726
February	1	0	1	86	0	0	86	8 124	8 210
March	36	0	36	2 395	0	0	2 395	3 983	6 377
April	10	0	10	1 016	0	0	1 016	10 728	11 743
May	3	0	3	234	0	10	244	2 142	2 385
June	31	6	39	2 343	360	165	2 868	18 387	21 256
July	2	0	2	152	0	715	867	1 618	2 485
August	1	4	5	69	220	0	289	18 242	18 531
September	9	0	9	639	0	219	858	13 373	14 232
October	22	0	22	1 538	0	15	1 553	4 581	6 133
TOTAL									
<b>1996-97</b>	3 594	506	4 121	308 293	37 420	91 321	437 035	436 818	873 852
<b>1997-98</b>	4 165	553	4 807	383 336	50 287	99 849	533 472	468 599	1 002 071
<b>1997</b>									
October	344	49	393	30 840	3 817	8 845	43 502	28 963	72 465
November	317	60	379	32 281	3 806	8 738	44 825	57 049	101 874
December	354	28	383	34 383	2 915	8 219	45 517	22 315	67 832
<b>1998</b>									
January	225	38	264	21 064	2 996	5 701	29 761	12 820	42 581
February	322	51	442	30 541	7 885	13 535	51 961	34 969	86 930
March	410	43	455	36 766	3 250	8 401	48 417	26 247	74 664
April	310	27	339	28 197	2 548	7 213	37 958	25 390	63 348
May	345	55	401	31 164	6 350	7 260	44 774	33 726	78 500
June	431	72	506	41 585	5 669	7 793	55 047	30 785	85 832
July	444	223	669	39 791	18 685	9 546	68 022	17 517	85 539
August	332	81	413	31 603	7 791	6 973	46 367	48 515	94 882
September	410	113	523	40 649	42 799	9 953	93 401	32 691	126 092
October	383	37	420	37 170	4 039	8 579	49 788	34 291	84 079

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

(b) Refer to Explanatory Notes paragraph 12.

## BUILDING APPROVED IN STATISTICAL AREAS

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)	Total residential building	Non-residential building	Total building
<b>SOUTH AUSTRALIA</b>	<b>542</b>	<b>43</b>	<b>585</b>	<b>50 803</b>	<b>4 739</b>	<b>10 808</b>	<b>66 349</b>	<b>40 523</b>	<b>106 872</b>
<b>Adelaide (SD)</b>	<b>383</b>	<b>37</b>	<b>420</b>	<b>37 170</b>	<b>4 039</b>	<b>8 579</b>	<b>49 788</b>	<b>34 291</b>	<b>84 079</b>
Northern Adelaide (SSD)	149	0	149	13 863	0	1 008	14 870	5 846	20 716
Gawler (M)	8	0	8	652	0	69	721	0	721
Playford (C)–East Central	14	0	14	1 064	0	0	1 064	0	1 064
Playford (C)–Elizabeth	1	0	1	62	0	0	62	870	932
Playford (C)–Hills	2	0	2	173	0	25	198	0	198
Playford (C)–West	2	0	2	206	0	10	216	53	269
Playford (C)–West Central	12	0	12	1 009	0	99	1 108	93	1 201
Port Adel. Enfield (C)–East	24	0	24	2 098	0	0	2 098	0	2 098
Port Adel. Enfield (C)–Inner	7	0	7	521	0	0	521	0	521
Salisbury (C)–Central	6	0	6	574	0	117	691	250	941
Salisbury (C)–Inner North	10	0	10	756	0	35	791	0	791
Salisbury (C)–North-East	12	0	12	976	0	159	1 135	0	1 135
Salisbury (C)–South-East	6	0	6	704	0	47	751	60	811
Salisbury (C) Bal	5	0	5	582	0	0	582	4 200	4 782
Tea Tree Gully (C)–Central	3	0	3	277	0	176	454	70	524
Tea Tree Gully (C)–Hills	1	0	1	120	0	50	170	0	170
Tea Tree Gully (C)–North	29	0	29	3 199	0	73	3 272	0	3 272
Tea Tree Gully (C)–South	7	0	7	888	0	147	1 035	250	1 285
Western Adelaide (SSD)	45	7	52	4 386	328	1 454	6 168	3 245	9 413
Charles Sturt (C)–Coastal	6	0	6	807	0	222	1 028	830	1 858
Charles Sturt (C)–Inner East	4	2	6	305	120	65	490	0	490
Charles Sturt (C)–Inner West	2	0	2	186	0	300	486	140	626
Charles Sturt (C)–North-East	5	0	5	404	0	65	469	0	469
Port Adel. Enfield (C)–Coast	4	0	4	336	0	0	336	55	391
Port Adel. Enfield (C)–Port	9	0	9	833	0	0	833	1 750	2 583
West Torrens (C)–East	1	0	1	120	0	361	481	250	731
West Torrens (C)–West	14	5	19	1 396	208	441	2 046	220	2 266
Unincorp. Western	0	0	0	0	0	0	0	0	0
Eastern Adelaide (SSD)	72	24	96	8 360	3 055	3 447	14 862	20 437	35 300
Adelaide (C)	0	0	0	0	0	104	104	8 117	8 221
Adelaide Hills (DC)–Central	2	0	2	360	0	196	556	0	556
Adelaide Hills (DC)–Ranges	4	0	4	500	0	93	593	0	593
Burnside (C)–North-East	8	4	12	1 056	694	354	2 105	0	2 105
Burnside (C)–South-West	30	8	38	3 047	906	505	4 458	0	4 458
Campbelltown (C)–East	7	0	7	846	0	54	900	250	1 150
Campbelltown (C)–West	7	2	9	520	130	20	670	0	670
Norw. Pham St Ptrs (C)–East	1	0	1	150	0	230	380	4 100	4 480
Norw. Pham St Ptrs (C)–West	3	2	5	600	300	628	1 528	0	1 528
Prospect (C)	2	0	2	240	0	153	393	70	463
Unley (C)–East	5	6	11	751	800	330	1 881	7 700	9 581
Unley (C)–West	3	2	5	289	225	344	859	200	1 059
Walkerville (M)	0	0	0	0	0	437	437	0	437
Southern Adelaide (SSD)	117	6	123	10 563	655	2 670	13 887	4 763	18 650
Holdfast (C)–North	16	2	18	1 381	300	235	1 916	0	1 916
Holdfast (C)–South	1	4	5	98	355	333	786	80	866
Marion (C)–Central	21	0	21	1 778	0	234	2 012	930	2 942
Marion (C)–North	1	0	1	145	0	204	349	128	477
Marion (C)–South	15	0	15	1 432	0	164	1 596	0	1 596
Mitcham (C)–Hills	3	0	3	275	0	307	582	1 770	2 352
Mitcham (C)–North-East	4	0	4	642	0	251	893	1 616	2 509
Mitcham (C)–West	2	0	2	355	0	543	898	0	898
Onkaparinga (C)–Hackham	3	0	3	236	0	48	284	0	284
Onkaparinga (C)–Hills	5	0	5	557	0	82	639	0	639
Onkaparinga (C)–Morphett	3	0	3	229	0	16	245	100	345
Onkaparinga (C)–North Coast	3	0	3	186	0	38	224	85	309
Onkaparinga (C)–Reservoir	4	0	4	726	0	76	802	0	802
Onkaparinga (C)–South Coast	23	0	23	1 535	0	124	1 659	53	1 712
Onkaparinga (C)–Woodcroft	13	0	13	988	0	14	1 002	0	1 002

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)	Total residential building	Non-residential building	Total building
<b>Outer Adelaide (SD)</b>	60	0	60	5 180	0	979	6 159	2 020	8 179
Barossa (SSD)	4	0	4	418	0	179	596	0	596
Barossa (DC)–Angaston	0	0	0	0	0	0	0	0	0
Barossa (DC)–Barossa	0	0	0	0	0	32	32	0	32
Barossa (DC)–Tanunda	0	0	0	0	0	112	112	0	112
Kapunda and Light (DC)	4	0	4	418	0	0	418	0	418
Mallala (DC)	0	0	0	0	0	35	35	0	35
Kangaroo Island (SSD)	3	0	3	241	0	17	258	1 320	1 577
Kangaroo Island (DC)	3	0	3	241	0	17	258	1 320	1 577
Mt Lofty Ranges (SSD)	19	0	19	1 637	0	200	1 837	260	2 097
Adelaide Hills (DC)–North	1	0	1	111	0	20	131	0	131
Adelaide Hills (DC) Bal	1	0	1	28	0	50	78	130	208
Mount Barker (DC)–Central	14	0	14	1 184	0	90	1 274	130	1 404
Mount Barker (DC) Bal	3	0	3	314	0	40	354	0	354
Fleurieu (SSD)	34	0	34	2 885	0	583	3 469	440	3 909
Alexandrina (DC)–Coastal	11	0	11	857	0	110	967	0	967
Alexandrina (DC)–Strathalbyn	5	0	5	454	0	358	812	290	1 102
Victor Harbor (DC)	17	0	17	1 492	0	103	1 595	75	1 670
Yankalilla (DC)	1	0	1	82	0	13	95	75	170
<b>Yorke and Lower North (SD)</b>	19	0	19	1 637	0	342	1 980	510	2 490
Yorke (SSD)	10	0	10	786	0	79	866	310	1 176
Barunga West (DC)	2	0	2	129	0	0	129	0	129
Copper Coast (DC)	5	0	5	536	0	15	551	250	801
Yorke Peninsula (DC)–North	0	0	0	0	0	64	64	60	125
Yorke Peninsula (DC)–South	3	0	3	122	0	0	122	0	122
Unincorp. Yorke	0	0	0	0	0	0	0	0	0
Lower North (SSD)	9	0	9	851	0	263	1 114	200	1 314
Clare and Gilbert Valleys (DC)	9	0	9	851	0	212	1 063	200	1 263
Goyder (DC)	0	0	0	0	0	0	0	0	0
Wakefield (DC)	0	0	0	0	0	51	51	0	51
<b>Murray Lands (SD)</b>	20	0	20	1 768	0	153	1 921	1 212	3 132
Riverland (SSD)	10	0	10	1 023	0	58	1 081	1 023	2 104
Berri & Barmera (DC)–Barmera	1	0	1	120	0	0	120	0	120
Berri & Barmera (DC)–Berri	0	0	0	0	0	11	11	0	11
Loxton Waikerie (DC)–East	1	0	1	96	0	17	113	273	386
Loxton Waikerie (DC)–West	2	0	2	130	0	0	130	0	130
Mid Murray (DC)	3	0	3	161	0	30	191	750	941
Renmark Paringa (DC)–Paringa	1	0	1	250	0	0	250	0	250
Renmark Paringa (DC)–Renmark	2	0	2	267	0	0	267	0	267
Unincorp. Riverland	0	0	0	0	0	0	0	0	0
Murray Mallee (SSD)	10	0	10	745	0	95	840	189	1 028
Karoonda East Murray (DC)	0	0	0	0	0	0	0	0	0
Murray Bridge (RC)	7	0	7	567	0	33	600	79	678
Southern Mallee (DC)	3	0	3	178	0	0	178	110	288
The Coorong (DC)	0	0	0	0	0	62	62	0	62
Unincorp. Murray Mallee	0	0	0	0	0	0	0	0	0
<b>South East (SD)</b>	24	0	24	2 219	0	392	2 611	1 791	4 402
Upper South East (SSD)	10	0	10	793	0	88	881	0	881
Lacepede (DC)	2	0	2	135	0	0	135	0	135
Lucindale (DC)	0	0	0	0	0	0	0	0	0
Naracoorte (DC)	1	0	1	85	0	13	98	0	98
Robe (DC)	4	0	4	194	0	0	194	0	194
Tatiara (DC)	3	0	3	380	0	75	455	0	455

BUILDING APPROVED IN STATISTICAL AREAS *continued*

	DWELLINGS (no.).....			VALUE (\$'000).....					
						Alterations and			
Statistical area	New houses	New other residential building	Total dwellings(a)	New houses	New other residential buildings	additions to residential buildings(b)	Total residential building	Non-residential building	Total building
Lower South East (SSD)	14	0	14	1 425	0	304	1 729	1 791	3 520
Grant (DC)	0	0	0	0	0	92	92	0	92
Mount Gambier (C)	13	0	13	1 280	0	163	1 443	1 006	2 449
Wattle Range (DC)–East	0	0	0	0	0	50	50	785	835
Wattle Range (DC)–West	1	0	1	145	0	0	145	0	145
<b>Eyre (SD)</b>	8	6	14	566	700	111	1 377	336	1 713
Lincoln (SSD)	5	6	11	461	700	111	1 272	336	1 608
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)	1	0	1	120	0	0	120	0	120
Lower Eyre Peninsula (DC)	1	0	1	94	0	81	175	0	175
Port Lincoln (C)	3	6	9	247	700	30	977	336	1 313
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)	3	0	3	105	0	0	105	0	105
Ceduna (DC)	1	0	1	25	0	0	25	0	25
Streaky Bay (DC)	0	0	0	0	0	0	0	0	0
Unincorp. West Coast	2	0	2	80	0	0	80	0	80
<b>Northern (SD)</b>	28	0	28	2 263	0	251	2 514	363	2 877
Whyalla (SSD)	6	0	6	694	0	103	797	150	947
Whyalla (C)	6	0	6	694	0	103	797	150	947
Unincorp. Whyalla	0	0	0	0	0	0	0	0	0
Pirie (SSD)	1	0	1	74	0	37	111	0	111
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	14	14	0	14
Port Pirie C, Dists (M) Bal	0	0	0	0	0	23	23	0	23
Unincorp. Pirie	1	0	1	74	0	0	74	0	74
Flinders Ranges (SSD)	4	0	4	227	0	55	282	213	496
Flinders Ranges (DC)	1	0	1	90	0	0	90	0	90
Mount Remarkable (DC)	1	0	1	73	0	0	73	0	73
Port Augusta (C)	2	0	2	64	0	55	119	213	332
Unincorp. Flinders Ranges	0	0	0	0	0	0	0	0	0
Far North (SSD)	17	0	17	1 267	0	57	1 324	0	1 324
Coober Pedy (DC)	0	0	0	0	0	0	0	0	0
Roxby Downs (M)	17	0	17	1 267	0	57	1 324	0	1 324
Unincorp. Far North	0	0	0	0	0	0	0	0	0

(a) Includes conversions and dwelling units approved as part of alterations and additions or the construction of non-residential buildings.

(b) Refer to Explanatory Notes paragraph 12.

## EXPLANATORY NOTES

### INTRODUCTION

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

### SCOPE AND COVERAGE

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

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

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

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

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.

Excluded from the statistics is:

- construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.). Statistics for this activity can be found in *Engineering Construction Activity, Australia* (8762.0).

### VALUE DATA

**4** 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

**5** 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

**6** 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.

**7** 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.

**8** 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*

**9** 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.

**10** 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.

**11** 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.

**12** 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

**13** 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.

**14** 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.

**15** 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).

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

**17** 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

**18** 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 *A Guide to Interpreting Time Series—Monitoring 'Trends': an Overview* (1348.0) or contact the Assistant Director, Time Series Analysis on (02) 6252 6345.

## EXPLANATORY NOTES

### TREND ESTIMATES

*continued*

**19** While the smoothing techniques described in paragraph 18 enables trend estimates to be produced for the latest few periods, it does 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

**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 1996-97). 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.

**21** Further information on the nature and concepts of chain volume measures is contained in the ABS *Information paper: Introduction of Chain Volume Measures in the Australian National Accounts* (Cat. No. 5248.0)

### AUSTRALIAN STANDARD

GEOGRAPHIC CLASSIFICATION (ASGC)

**22** Area statistics are now being classified to the *Australian Standard Geographic Classification*, 1998 Edition (1216.0), effective from 1 July 1998, and ASGC terminology has been adopted in the presentation of building statistics.

### UNPUBLISHED DATA

**23** 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

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

- *Building Activity, Australia* (8752.0)
- *Building Activity, Australia: Dwelling Unit Commencements* (8750.0)
- *Building Activity, South Australia* (8752.4)
- *Building Approvals, Australia* (8731.0)
- *Engineering Construction Activity, Australia* (8762.0)
- *Housing Finance for Owner Occupation, Australia* (5609.0)
- *Price Index of Materials Used in House Building* (6408.0)
- *Price Index of Materials Used in Building Other than House Building* (6407.0)
- *House Price Indexes: Eight Capital Cities* (6416.0).

### ROUNDING

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

### SYMBOLS AND OTHER USAGES

n.a.	not available.
n.y.a.	not yet available
C	City
DC	District Council
M	Municipality
RC	Rural City
SD	Statistical Division
SLA	Statistical Local Area
SSD	Statistical Subdivision

## G L O S S A R Y

<b>Alterations and additions</b>	Building activity carried out on existing buildings. Includes adding to or diminishing floor area, altering the structural design of a building and affixing rigid components which are integral to the functioning of the building.
<b>Alterations and additions to residential buildings</b>	Alterations and additions carried out on existing residential buildings, which may result in the creation of new dwelling units. See also Explanatory Notes paragraph 12.
<b>Building</b>	A building is a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design is the provision for regular access by persons in order to satisfy its intended use.
<b>Conversion</b>	Building activity which converts a non-residential building to a residential building, e.g. conversion of a warehouse to residential apartments. Conversion is considered to be a special type of alteration, and these jobs have been separately identified as such from the July 1996 reference month, though they have only appeared separately in this publication from the 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.
<b>Dwelling unit</b>	A dwelling unit is a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Regardless of whether they are self-contained or not, units within buildings offering institutional care (e.g. hospitals) or temporary accommodation (e.g. motels, hostels and holiday apartments) are not defined as dwelling units. Such units are included in the appropriate category of non-residential building approvals. Dwelling units can be created in one of four ways: through new work to create a residential building; through alteration/addition work to an existing residential building; through either new or alteration/addition work on non-residential building or through conversion of a non-residential building to a residential building.
<b>Educational</b>	Includes schools, colleges, kindergartens, libraries, museums and universities.
<b>Entertainment and recreational</b>	Includes clubs, cinemas, sport and recreation centres.
<b>Factories</b>	Includes paper mills, oil refinery buildings, brickworks and powerhouses.
<b>Flats, units or apartments</b>	Dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell.
<b>Health</b>	Includes hospitals, nursing homes, surgeries, clinics and medical centres.
<b>Hotels, motels and other short term accommodation</b>	Includes hostels, boarding houses, guest houses, and holiday apartment buildings.



## G L O S S A R Y

<b>House</b>	A house is a detached building primarily used for long term residential purposes. It consists of one dwelling unit. For instance, detached 'granny flats' and detached dwelling units (eg. caretakers residences) associated with a non-residential building are defined as houses.
<b>Miscellaneous</b>	Includes justice and defence buildings, welfare and charitable homes, prisons and reformatories, maintenance camps, farming and livestock buildings, veterinary clinics, child-minding centres, police stations and public toilets.
<b>New building work</b>	Building activity which will result in the creation of a building which previously did not exist.
<b>New other residential buildings</b>	Building activity which will result in the creation of a residential building other than a house, which previously did not exist.
<b>New residential</b>	Building activity which will result in the creation of any residential building (house or other residential) which previously did not exist.
<b>Non-residential building</b>	A non-residential building is primarily intended for purposes other than long term residential purposes. Note that, on occasions, one or more dwelling units may be created through non-residential building activity. Prior to the 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.
<b>Offices</b>	Includes banks, post offices and council chambers.
<b>Other business premises</b>	Includes warehouses, service stations, transport depots and terminals, electricity substation buildings, telephone exchanges, broadcasting and film studios.
<b>Other dwellings</b>	Includes all dwellings other than houses. They can be created by: the creation of new other residential buildings (e.g. flats); alteration/addition work to an existing residential building; either new or alteration/addition work on non-residential building; conversion of a non-residential building to a residential building creating more than one dwelling unit.
<b>Other residential building</b>	An other residential building is a building other than a house primarily used for long-term residential purposes. An other residential building contains more than one dwelling unit. Other residential buildings are coded to the following categories: semi-detached, row or terrace house or townhouse with one storey; semi-detached, row or terrace house or townhouse with two or more storeys; flat, unit or apartment in a building of one or two storeys; flat, unit or apartment in a building of three storeys; flat, unit or apartment in a building of four or more storeys; flat, unit or apartment attached to a house; other/number of storeys unknown. The latter two categories are included with the semi-detached, row or terrace house or townhouse with one storey category in table 7 of this publication.
<b>Religious</b>	Includes convents, churches, temples, mosques, monasteries and noviciates.

## GLOSSARY

<b>Residential building</b>	A residential building is a building consisting of one or more dwelling units. Residential buildings can be either houses or other residential buildings.
<b>Semi-detached, row or terrace houses, townhouses</b>	Dwellings having their own private grounds with no other dwellings above or below.
<b>Shops</b>	Includes retail shops, restaurants, taverns and shopping arcades.



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