

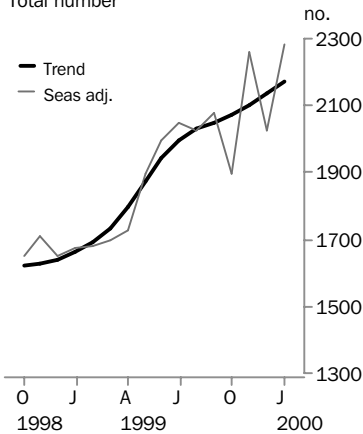
# BUILDING APPROVALS

WESTERN  
AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) WED 8 MAR 2000

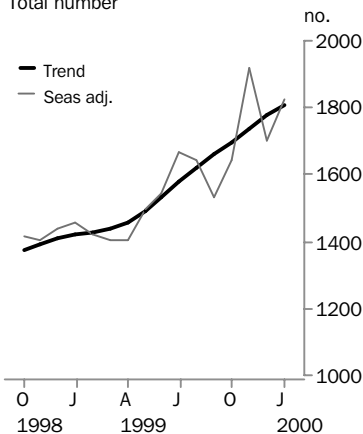
## Dwelling units approved

Total number



## Private sector houses approved

Total number



## JANUARY KEY FIGURES

### TREND ESTIMATES

	Jan 2000	% change Dec 1999 to Jan 2000	% change Jan 1999 to Jan 2000
Dwelling units approved			
Private sector houses	1 805	1.6	27.1
Total dwelling units	2 173	1.6	30.7

### SEASONALLY ADJUSTED

	Jan 2000	% change Dec 1999 to Jan 2000	% change Jan 1999 to Jan 2000
Dwelling units approved			
Private sector houses	1 825	7.3	25.4
Total dwelling units	2 281	12.6	36.3

## JANUARY KEY POINTS

### TREND ESTIMATES

- The upward movement in the trend for private sector houses continued in January 2000 showing a 1.6% increase over the previous month. It is 27.1% higher than January 1999.
- The trend for total dwelling units increased 1.6% in January and has risen 30.7% in the last year.

### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for private sector houses was 7.3% higher than December 1999 and follows a 11.4% decrease in the previous month.
- The January seasonally adjusted estimate for total dwelling units increased 12.6%.

### ORIGINAL ESTIMATES

- The number of dwelling units approved in January, in original terms, was 1,675. This was a decrease of 15.2% from the previous month. In January the number of houses approved fell 17.5% to 1,404 and other dwellings fell 1.5% to 271.
- Both residential and non-residential building contributed to a fall of 9.8% in the total value of building (\$269.2 million). This was down from \$298.5 million reported last month.

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

# NOTES

## FORTHCOMING ISSUES

<i>ISSUE</i>	<i>RELEASE DATE</i>
February 2000	6 April 2000
March 2000	12 May 2000
April 2000	7 June 2000
May 2000	10 July 2000
June 2000	8 August 2000
July 2000	6 September 2000



## CHANGES IN THIS ISSUE

There are no changes in this issue.



## DATA NOTES

There are no data notes in this issue.



## REVISIONS THIS MONTH

There are no revisions this month.



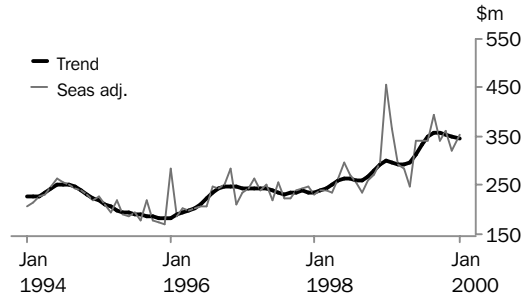
Colin Nagle  
Regional Director, Western Australia



# VALUE OF BUILDINGS APPROVED

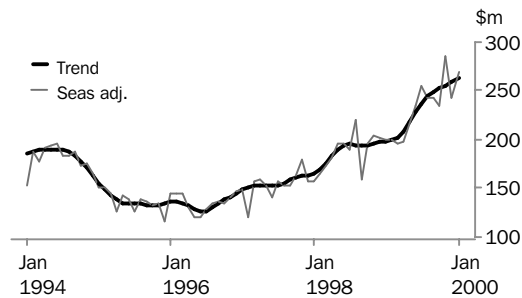
## VALUE OF TOTAL BUILDING

The trend for the value of total building has fallen for the past three months and follows six months of growth.



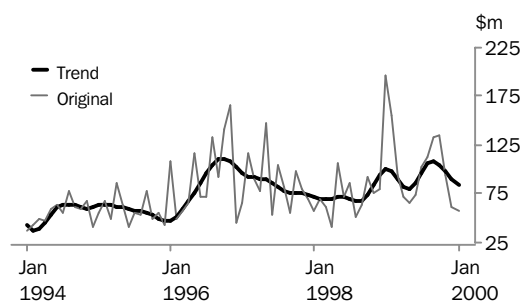
## VALUE OF RESIDENTIAL BUILDING

Growth in the trend for the value of residential building has eased in the past three months after strong growth since September 1998.



## VALUE OF NON-RESIDENTIAL BUILDING

The trend for the value of non-residential building has been in decline for the past four months.



# VALUE OF BUILDING APPROVED

## CHAIN VOLUME MEASURES

DECEMBER QUARTER 1999

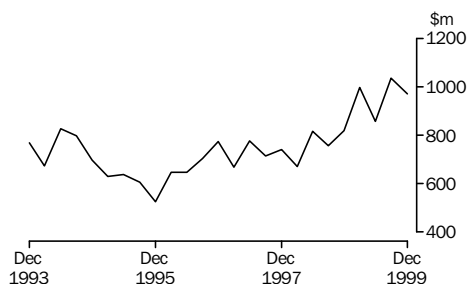
Changes in the original series of value of building approvals in the December Quarter 1999 in chain volume measures are summarised below.

### ORIGINAL ESTIMATES

	<i>Sep Qtr 1999 to Dec Qtr 1999 % change</i>	<i>Dec Qtr 1998 to Dec Qtr 1999 % change</i>
New residential building	0.2	23.0
Alterations and additions to residential buildings	-11.0	2.8
Non-residential building	-17.1	13.3
<b>Total building</b>	<b>-6.1</b>	<b>18.7</b>

The value of total building approved fell by 6.1% in the December quarter. New residential building which accounts for two-thirds of total building approved had a slight increase of 0.2% while non-residential building fell 17.1%.

QUARTERLY VALUE OF BUILDING APPROVED  
(chain volume measures)



# WHAT IF...? REVISIONS TO TREND ESTIMATES

## EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

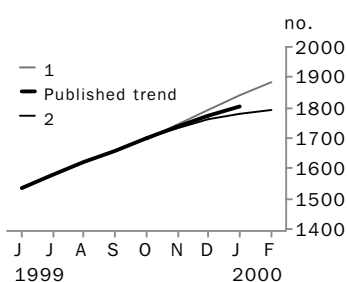
### TREND REVISIONS

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.

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.

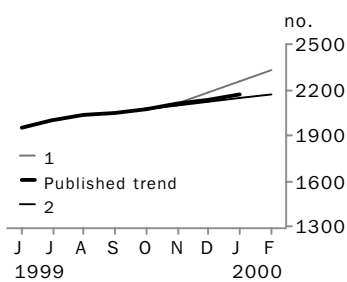
The graphs and tables which follow present the effect of two possible scenarios on the previous trend estimates: that the February seasonally adjusted estimate is higher than the January estimate by 6% for the number of private sector houses approved and 8% for total dwelling units approved; and that the February seasonally adjusted estimate is lower than the January estimate by 6% for the number of private sector houses approved and 8% 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



	TREND AS PUBLISHED		WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:			
	no.	% change	<b>1</b> <i>rises by 6% on Jan 2000</i>		<b>2</b> <i>falls by 6% on Jan 2000</i>	
	no.	% change	no.	% change	no.	% change
September 1999	1 658	2.4	1 655	2.4	1 662	2.5
October 1999	1 697	2.4	1 696	2.4	1 699	2.2
November 1999	1 738	2.4	1 742	2.8	1 733	2.0
December 1999	1 776	2.2	1 793	2.9	1 761	1.6
January 2000	1 805	1.6	1 839	2.6	1 779	1.0
February 2000	n.y.a.	n.y.a.	1 883	2.4	1 793	0.8

### TOTAL DWELLING UNITS



	TREND AS PUBLISHED		WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:			
	no.	% change	<b>1</b> <i>rises by 8% on Jan 2000</i>		<b>2</b> <i>falls by 8% on Jan 2000</i>	
	no.	% change	no.	% change	no.	% change
September 1999	2 049	1.0	2 042	0.8	2 054	1.1
October 1999	2 071	1.1	2 067	1.2	2 073	0.9
November 1999	2 103	1.5	2 114	2.3	2 098	1.2
December 1999	2 138	1.7	2 181	3.2	2 125	1.3
January 2000	2 173	1.6	2 253	3.3	2 149	1.1
February 2000	n.y.a.	n.y.a.	2 326	3.2	2 168	0.9

## DWELLING UNITS APPROVED

Month	HOUSES.....		OTHER DWELLINGS...		TOTAL DWELLING UNITS	
	<i>Private sector</i>	<i>Total</i>	<i>Private sector</i>	<i>Total</i>	<i>Private sector</i>	<i>Total</i>
	<i>no.</i>	<i>no.</i>	<i>no.</i>	<i>no.</i>	<i>no.</i>	<i>no.</i>
ORIGINAL						
<b>1998</b>						
November	1 395	1 404	193	245	1 588	1 649
December	1 383	1 393	192	248	1 575	1 641
<b>1999</b>						
January	1 142	1 148	110	159	1 252	1 307
February	1 284	1 290	205	257	1 489	1 547
March	1 562	1 606	296	332	1 858	1 938
April	1 372	1 424	199	201	1 571	1 625
May	1 583	1 633	223	308	1 806	1 941
June	1 637	1 762	431	624	2 068	2 386
July	1 686	1 687	351	356	2 037	2 043
August	1 728	1 745	281	322	2 009	2 067
September	1 595	1 609	317	454	1 912	2 063
October	1 633	1 646	144	173	1 777	1 819
November	1 993	2 012	371	377	2 364	2 389
December	1 679	1 701	202	275	1 881	1 976
<b>2000</b>						
January	1 385	1 404	233	271	1 618	1 675
SEASONALLY ADJUSTED						
<b>1998</b>						
November	1 402	1 413	n.a.	n.a.	1 619	1 712
December	1 439	1 451	n.a.	n.a.	1 586	1 653
<b>1999</b>						
January	1 455	1 465	n.a.	n.a.	1 573	1 673
February	1 423	1 430	n.a.	n.a.	1 610	1 679
March	1 406	1 434	n.a.	n.a.	1 646	1 700
April	1 403	1 444	n.a.	n.a.	1 674	1 726
May	1 495	1 551	n.a.	n.a.	1 759	1 899
June	1 541	1 596	n.a.	n.a.	1 891	1 998
July	1 664	1 665	n.a.	n.a.	2 041	2 048
August	1 641	1 660	n.a.	n.a.	1 934	2 026
September	1 534	1 549	n.a.	n.a.	1 816	2 077
October	1 641	1 668	n.a.	n.a.	1 827	1 894
November	1 921	1 943	n.a.	n.a.	2 229	2 260
December	1 701	1 728	n.a.	n.a.	1 906	2 026
<b>2000</b>						
January	1 825	1 859	n.a.	n.a.	2 177	2 281
TREND ESTIMATES						
<b>1998</b>						
November	1 390	1 402	153	223	1 543	1 625
December	1 408	1 414	155	226	1 563	1 640
<b>1999</b>						
January	1 419	1 424	166	237	1 586	1 662
February	1 425	1 435	191	258	1 615	1 692
March	1 436	1 451	225	285	1 661	1 735
April	1 459	1 481	264	317	1 723	1 797
May	1 493	1 519	299	354	1 792	1 873
June	1 533	1 561	320	384	1 853	1 945
July	1 577	1 604	319	394	1 895	1 997
August	1 619	1 643	302	387	1 921	2 029
September	1 658	1 679	282	371	1 940	2 049
October	1 697	1 718	267	353	1 964	2 071
November	1 738	1 761	261	341	1 999	2 103
December	1 776	1 803	262	336	2 038	2 138
<b>2000</b>						
January	1 805	1 836	270	337	2 074	2 173

## DWELLING UNITS APPROVED, Percentage Change

Month	HOUSES.....		OTHER DWELLINGS...		TOTAL DWELLING UNITS	
	Private sector	Total	Private sector	Total	Private sector	Total
ORIGINAL (% change from preceding month)						
<b>1998</b>						
November	-4.1	-4.0	52.0	42.4	0.4	0.9
December	-0.9	-0.8	-0.5	1.2	-0.8	-0.5
<b>1999</b>						
January	-17.4	-17.6	-42.7	-35.9	-20.5	-20.4
February	12.4	12.4	86.4	61.6	18.9	18.4
March	21.7	24.5	44.4	29.2	24.8	25.3
April	-12.2	-11.3	-32.8	-39.5	-15.4	-16.2
May	15.4	14.7	12.1	53.2	15.0	19.4
June	3.4	7.9	93.3	102.6	14.5	22.9
July	3.0	-4.3	-18.6	-42.9	-1.5	-14.4
August	2.5	3.4	-19.9	-9.6	-1.4	1.2
September	-7.7	-7.8	12.8	41.0	-4.8	-0.2
October	2.4	2.3	-54.6	-61.9	-7.1	-11.8
November	22.0	22.2		117.9	33.0	31.3
December	-15.8	-15.5	157.6	-27.1	-20.4	-17.3
<b>2000</b>						
January	-17.5	-17.5	15.3	-1.5	-14.0	-15.2
SEASONALLY ADJUSTED (% change from preceding month)						
<b>1998</b>						
November	-1.0	-1.5	n.a.	n.a.	3.1	3.6
December	2.6	2.7	n.a.	n.a.	-2.0	-3.4
<b>1999</b>						
January	1.2	1.0	n.a.	n.a.	-0.8	1.2
February	-2.2	-2.4	n.a.	n.a.	2.4	0.4
March	-1.3	0.3	n.a.	n.a.	2.2	1.3
April	-0.2	0.7	n.a.	n.a.	1.7	1.5
May	6.5	7.4	n.a.	n.a.	5.0	10.0
June	3.1	2.9	n.a.	n.a.	7.5	5.2
July	8.0	4.3	n.a.	n.a.	8.0	2.5
August	-1.4	-0.3	n.a.	n.a.	-5.2	-1.1
September	-6.5	-6.7	n.a.	n.a.	-6.1	2.5
October	7.0	7.7	n.a.	n.a.	0.6	-8.8
November	17.1	16.5	n.a.	n.a.	22.0	19.3
December	-11.4	-11.1	n.a.	n.a.	-14.5	-10.4
<b>2000</b>						
January	7.3	7.6	n.a.	n.a.	14.2	12.6
TREND ESTIMATES (% change from preceding month)						
<b>1998</b>						
November	1.3	0.4	-4.4	-0.4	0.7	0.3
December	1.3	0.9	1.3	1.3	1.3	0.9
<b>1999</b>						
January	0.8	0.7	7.1	4.9	1.5	1.3
February	0.4	0.8	15.1	8.9	1.9	1.8
March	0.8	1.1	17.8	10.5	2.8	2.5
April	1.6	2.1	17.3	11.2	3.7	3.6
May	2.3	2.6	13.3	11.7	4.0	4.2
June	2.7	2.8	7.0	8.5	3.4	3.8
July	2.8	2.8	-0.3	2.6	2.3	2.7
August	2.7	2.4	-5.3	-1.8	1.3	1.6
September	2.4	2.2	-6.6	-4.1	1.0	1.0
October	2.4	2.3	-5.3	-4.9	1.2	1.1
November	2.4	2.5	-2.2	-3.4	1.8	1.5
December	2.2	2.4	0.4	-1.5	2.0	1.7
<b>2000</b>						
January	1.6	1.8	3.1	0.3	1.8	1.6

## 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>1998</b>					
November	178.0	17.4	195.4	77.0	272.4
December	180.1	19.3	199.4	79.5	278.8
<b>1999</b>					
January	148.3	19.6	167.9	197.1	365.0
February	169.5	18.2	187.8	156.3	344.0
March	198.9	26.1	225.0	93.5	318.5
April	174.9	18.4	193.3	71.3	264.6
May	203.6	17.8	221.4	65.4	286.9
June	250.0	16.1	266.1	73.4	339.5
July	226.7	24.9	251.6	102.6	354.2
August	217.8	24.2	242.0	112.8	354.7
September	226.2	17.9	244.1	133.3	377.3
October	206.2	18.9	225.1	135.3	360.4
November	269.8	25.4	295.2	95.1	390.3
December	219.6	17.6	237.2	61.3	298.5
<b>2000</b>					
January	195.2	16.6	211.8	57.3	269.2
SEASONALLY ADJUSTED					
<b>1998</b>					
November	186.3	17.2	203.5	n.a.	270.7
December	183.1	19.2	202.3	n.a.	295.1
<b>1999</b>					
January	180.1	20.9	201.0	n.a.	457.0
February	180.5	19.8	200.3	n.a.	368.4
March	175.1	21.4	196.5	n.a.	291.5
April	175.4	22.5	197.9	n.a.	286.4
May	199.2	17.8	217.0	n.a.	247.5
June	216.7	17.0	233.7	n.a.	342.0
July	229.3	24.9	254.2	n.a.	341.1
August	217.5	25.0	242.4	n.a.	343.5
September	225.3	17.3	242.6	n.a.	395.9
October	217.8	17.0	234.8	n.a.	343.0
November	260.8	24.9	285.7	n.a.	362.7
December	226.2	16.9	243.1	n.a.	319.9
<b>2000</b>					
January	251.3	17.9	269.2	n.a.	355.7
TREND ESTIMATES					
<b>1998</b>					
November	177.8	18.1	196.0	84.6	280.5
December	178.2	19.2	197.4	95.3	292.7
<b>1999</b>					
January	178.1	20.0	198.1	100.9	299.0
February	179.0	20.3	199.3	98.9	298.2
March	182.2	20.4	202.7	90.7	293.4
April	188.6	20.6	209.1	82.7	291.8
May	197.7	20.7	218.4	80.1	298.5
June	207.8	20.8	228.6	85.7	314.3
July	216.7	21.0	237.7	96.6	334.3
August	223.5	21.0	244.5	106.1	350.6
September	228.1	20.8	248.9	109.0	357.9
October	232.0	20.3	252.3	105.5	357.9
November	236.4	19.6	256.0	98.1	354.2
December	240.7	19.0	259.7	89.4	349.1
<b>2000</b>					
January	244.4	18.1	262.5	83.3	345.8

(a) Refer to Explanatory Notes paragraph 12.



## VALUE OF BUILDING APPROVED, Percentage Change

Month	<i>New residential building</i>	<i>Alterations and additions to residential buildings(a)</i>	<i>Total residential building</i>	<i>Non- residential building</i>	<i>Total building</i>
ORIGINAL (% change from preceding month)					
<b>1998</b>					
November	1.3	-12.4	-0.1	-16.7	-5.4
December	1.2	10.7	2.0	3.2	2.4
<b>1999</b>					
January	-17.7	1.9	-15.8	148.0	30.9
February	14.3	-7.1	11.8	-20.7	-5.7
March	17.3	43.0	19.8	-40.2	-7.4
April	-12.1	-29.4	-14.1	-23.8	-16.9
May	16.4	-3.3	14.5	-8.2	8.4
June	22.8	-9.6	20.2	12.2	18.4
July	-9.3	54.5	-5.4	39.7	4.3
August	-3.9	-2.8	-3.8	9.9	0.2
September	3.8	-25.8	0.9	18.2	6.4
October	-8.8	5.2	-7.8	1.5	-4.5
November	30.8	34.4	31.1	-29.7	8.3
December	-18.6	-30.8	-19.7	-35.5	-23.5
<b>2000</b>					
January	-11.1	-5.2	-10.7	-6.5	-9.8
SEASONALLY ADJUSTED (% change from preceding month)					
<b>1998</b>					
November	4.2	-4.5	3.4	n.a.	3.4
December	-1.7	11.9	-0.5	n.a.	9.0
<b>1999</b>					
January	-1.7	8.8	-0.7	n.a.	54.9
February	0.3	-5.4	-0.3	n.a.	-19.4
March	-3.0	7.9	-1.9	n.a.	-20.9
April	0.2	5.4	0.7	n.a.	-1.8
May	13.5	-20.9	9.6	n.a.	-13.6
June	8.8	-4.5	7.7	n.a.	38.2
July	5.8	46.7	8.8	n.a.	-0.2
August	-5.2	0.2	-4.6	n.a.	0.7
September	3.6	-30.7	0.1	n.a.	15.3
October	-3.4	-1.8	-3.3	n.a.	-13.4
November	19.8	46.7	21.7	n.a.	5.7
December	-13.3	-32.3	-14.9	n.a.	-11.8
<b>2000</b>					
January	11.1	6.2	10.7	n.a.	11.2
TREND ESTIMATES (% change from preceding month)					
<b>1998</b>					
November	0.4	4.9	0.8	14.4	4.5
December	0.2	5.7	0.7	12.7	4.3
<b>1999</b>					
January	0.0	4.1	0.4	5.9	2.2
February	0.5	1.7	0.6	-2.0	-0.3
March	1.8	0.6	1.7	-8.2	-1.6
April	3.5	0.7	3.2	-8.9	-0.5
May	4.9	0.4	4.4	-3.1	2.3
June	5.1	0.6	4.7	7.0	5.3
July	4.3	0.8	4.0	12.7	6.4
August	3.1	0.2	2.9	9.8	4.9
September	2.1	-1.1	1.8	2.7	2.1
October	1.7	-2.4	1.4	-3.2	0.0
November	1.9	-3.3	1.5	-7.0	-1.0
December	1.8	-3.3	1.4	-8.9	-1.4
<b>2000</b>					
January	1.5	-4.6	1.1	-6.9	-1.0

(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>1996-1997</b>	13 067	1 682	56	3	32	14 840
<b>1997-1998</b>	14 960	2 026	45	21	40	17 092
<b>1998-1999</b>	16 957	2 313	31	101	36	19 438
<b>1999</b>						
January	1 142	108	2	0	0	1 252
February	1 284	201	3	0	1	1 489
March	1 562	218	1	77	0	1 858
April	1 372	187	0	0	12	1 571
May	1 580	221	2	3	0	1 806
June	1 636	419	8	0	5	2 068
July	1 685	341	6	3	2	2 037
August	1 728	257	3	13	8	2 009
September	1 595	312	1	0	4	1 912
October	1 630	141	5	0	1	1 777
November	1 990	363	8	0	3	2 364
December	1 679	166	14	7	15	1 881
<b>2000</b>						
January	1 384	227	3	0	4	1 618
PUBLIC SECTOR (Number)						
<b>1996-1997</b>	565	331	6	0	0	902
<b>1997-1998</b>	868	500	0	0	0	1 368
<b>1998-1999</b>	442	636	7	0	0	1 085
<b>1999</b>						
January	6	49	0	0	0	55
February	6	52	0	0	0	58
March	44	36	0	0	0	80
April	52	2	0	0	0	54
May	50	85	0	0	0	135
June	125	193	0	0	0	318
July	1	4	1	0	0	6
August	17	33	8	0	0	58
September	14	137	0	0	0	151
October	13	29	0	0	0	42
November	19	2	4	0	0	25
December	22	68	1	0	4	95
<b>2000</b>						
January	19	22	16	0	0	57
TOTAL (Number)						
<b>1996-1997</b>	13 632	2 013	62	3	32	15 742
<b>1997-1998</b>	15 828	2 526	45	21	40	18 460
<b>1998-1999</b>	17 399	2 949	38	101	36	20 523
<b>1999</b>						
January	1 148	157	2	0	0	1 307
February	1 290	253	3	0	1	1 547
March	1 606	254	1	77	0	1 938
April	1 424	189	0	0	12	1 625
May	1 630	306	2	3	0	1 941
June	1 761	612	8	0	5	2 386
July	1 686	345	7	3	2	2 043
August	1 745	290	11	13	8	2 067
September	1 609	449	1	0	4	2 063
October	1 643	170	5	0	1	1 819
November	2 009	365	12	0	3	2 389
December	1 701	234	15	7	19	1 976
<b>2000</b>						
January	1 403	249	19	0	4	1 675

(a) See Glossary for definition.

## 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 (a)	Total building
PRIVATE SECTOR (\$ million)								
<b>1996-1997</b>	1 294.1	154.0	4.8	163.9	0.1	1 616.6	773.9	2 390.9
<b>1997-1998</b>	1 561.5	189.6	2.4	182.5	0.9	1 936.9	706.7	2 643.5
<b>1998-1999</b>	1 851.4	253.1	1.8	206.6	8.7	2 321.8	896.2	3 218.1
<b>1999</b>								
January	126.5	17.6	0.3	18.7	0.0	163.1	163.8	326.9
February	140.0	25.6	0.1	18.0	0.0	183.8	121.3	305.1
March	172.2	19.5	0.0	18.4	7.1	217.3	81.6	298.9
April	148.3	20.1	0.0	16.9	0.0	185.4	62.1	247.5
May	171.3	20.5	0.1	17.3	0.1	209.2	48.5	257.8
June	191.3	31.9	0.4	15.6	0.0	239.1	56.3	295.4
July	183.7	42.4	0.6	23.8	0.1	250.5	57.2	307.7
August	189.2	25.0	0.1	16.1	6.5	236.9	61.1	298.0
September	182.0	30.5	0.1	17.8	0.0	230.4	58.7	289.1
October	187.4	15.3	0.6	17.9	0.0	221.1	69.8	291.0
November	233.1	33.9	0.7	24.1	0.0	291.9	48.1	340.0
December	194.5	17.6	1.5	14.6	1.3	229.4	43.9	273.3
<b>2000</b>								
January	167.6	24.2	0.2	16.0	0.0	207.9	38.6	246.6
PUBLIC SECTOR (\$ million)								
<b>1996-1997</b>	54.9	21.7	0.1	4.0	0.0	80.5	430.0	510.7
<b>1997-1998</b>	72.9	32.5	0.0	1.7	0.0	107.4	193.3	300.3
<b>1998-1999</b>	46.8	44.8	0.4	5.4	0.0	97.5	210.7	308.5
<b>1999</b>								
January	0.8	3.3	0.0	0.7	0.0	4.8	33.3	38.1
February	0.6	3.2	0.0	0.1	0.0	4.0	34.9	38.9
March	4.1	3.0	0.0	0.5	0.0	7.6	12.0	19.6
April	6.2	0.3	0.0	1.5	0.0	7.9	9.2	17.1
May	5.7	6.2	0.0	0.3	0.0	12.2	16.9	29.1
June	12.5	14.3	0.0	0.1	0.0	26.9	17.2	44.1
July	0.1	0.6	0.2	0.2	0.0	1.1	45.4	46.5
August	1.8	1.8	0.4	1.0	0.0	5.0	51.7	56.7
September	1.2	12.5	0.0	0.0	0.0	13.7	74.6	88.2
October	1.4	2.1	0.0	0.4	0.0	4.0	65.4	69.4
November	2.2	0.6	0.2	0.4	0.0	3.3	46.9	50.3
December	2.1	5.4	0.1	0.1	0.0	7.8	17.5	25.2
<b>2000</b>								
January	2.0	1.4	0.5	0.0	0.0	3.9	18.7	22.6
TOTAL (\$ million)								
<b>1996-1997</b>	1 348.9	175.8	4.9	167.7	0.1	1 697.3	1 204.5	2 901.8
<b>1997-1998</b>	1 634.2	222.0	2.4	184.3	0.9	2 043.9	899.8	2 943.8
<b>1998-1999</b>	1 898.5	298.3	2.3	212.2	8.7	2 419.7	1 106.9	3 526.6
<b>1999</b>								
January	127.4	20.9	0.3	19.4	0.0	167.9	197.1	365.0
February	140.7	28.9	0.1	18.1	0.0	187.8	156.3	344.0
March	176.3	22.6	0.0	19.0	7.1	225.0	93.5	318.5
April	154.5	20.4	0.0	18.4	0.0	193.3	71.3	264.6
May	177.0	26.7	0.1	17.6	0.1	221.4	65.4	286.9
June	203.8	46.2	0.4	15.7	0.0	266.1	73.4	339.5
July	183.8	42.9	0.8	24.0	0.1	251.6	102.6	354.2
August	191.0	26.8	0.6	17.1	6.5	242.0	112.8	354.7
September	183.2	43.0	0.1	17.8	0.0	244.1	133.3	377.3
October	188.9	17.4	0.6	18.3	0.0	225.1	135.3	360.4
November	235.4	34.4	0.9	24.5	0.0	295.2	95.1	390.3
December	196.6	23.0	1.6	14.7	1.3	237.2	61.3	298.5
<b>2000</b>								
January	169.6	25.6	0.7	16.0	0.0	211.8	57.3	269.2

(a) See Glossary for definition.

## 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 DWELLINGS										
<b>1996-1997</b>	13 632	1 179	376	1 555	75	194	189	458	2 013	15 645
<b>1997-1998</b>	15 828	1 672	324	1 996	166	95	269	530	2 526	18 354
<b>1998-1999</b>	17 399	1 536	692	2 228	58	157	506	721	2 949	20 348
<b>1998</b>										
November	1 401	138	52	190	0	0	39	39	229	1 630
December	1 391	134	67	201	0	0	30	30	231	1 622
<b>1999</b>										
January	1 148	104	41	145	0	0	12	12	157	1 305
February	1 290	95	113	208	0	0	45	45	253	1 543
March	1 606	189	38	227	0	0	27	27	254	1 860
April	1 424	72	44	116	9	30	34	73	189	1 613
May	1 630	126	65	191	11	80	24	115	306	1 936
June	1 761	285	91	376	0	27	209	236	612	2 373
July	1 686	58	85	143	21	81	100	202	345	2 031
August	1 745	180	26	206	60	0	24	84	290	2 035
September	1 609	297	64	361	25	8	55	88	449	2 058
October	1 643	112	52	164	0	6	0	6	170	1 813
November	2 009	146	51	197	137	20	11	168	365	2 374
December	1 701	166	39	205	16	0	13	29	234	1 935
<b>2000</b>										
January	1 403	100	48	148	52	5	44	101	249	1 652
VALUE (\$ million)										
<b>1996-1997</b>	1 349.0	86.5	31.9	118.4	7.5	17.9	31.9	57.3	175.7	1 524.6
<b>1997-1998</b>	1 634.3	117.3	31.4	148.7	13.5	10.7	49.2	73.4	222.1	1 856.4
<b>1998-1999</b>	1 898.4	107.7	82.1	189.8	5.7	13.7	89.0	108.4	298.2	2 196.6
<b>1998</b>										
November	149.5	9.4	9.7	19.0	0.0	0.0	9.4	9.4	28.5	178.0
December	155.4	9.8	8.7	18.5	0.0	0.0	6.2	6.2	24.7	180.1
<b>1999</b>										
January	127.4	7.9	6.4	14.2	0.0	0.0	6.7	6.7	20.9	148.3
February	140.7	6.8	11.6	18.4	0.0	0.0	10.5	10.5	28.9	169.5
March	176.3	12.7	4.3	17.0	0.0	0.0	5.5	5.5	22.6	198.9
April	154.5	5.6	6.0	11.5	0.7	2.4	5.7	8.9	20.4	174.9
May	177.0	9.2	6.6	15.8	1.3	6.8	2.8	10.9	26.7	203.6
June	203.8	18.6	8.6	27.1	0.0	3.0	16.1	19.1	46.2	250.0
July	183.8	5.1	11.1	16.3	2.8	6.7	17.2	26.7	42.9	226.7
August	191.0	13.3	3.2	16.6	3.3	0.0	6.9	10.2	26.8	217.8
September	183.2	25.8	6.8	32.6	1.6	1.0	7.8	10.4	43.0	226.2
October	188.9	8.9	7.2	16.1	0.0	1.3	0.0	1.3	17.4	206.2
November	235.4	11.2	6.1	17.4	13.5	1.6	2.0	17.1	34.4	269.8
December	196.6	12.9	4.2	17.1	1.2	0.0	4.7	5.9	23.0	219.6
<b>2000</b>										
January	169.6	7.5	5.6	13.0	5.1	1.7	5.8	12.6	25.6	195.2

(a) See Glossary for definition.

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

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations and additions to residential buildings(b)</i>	<i>Total residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
ORIGINAL (\$ million)							
<b>1996-1997</b>	1 352.6	178.2	1 530.8	173.0	1 703.9	1 224.2	<b>2 924.0</b>
<b>1997-1998</b>	1 634.3	222.1	1 856.4	187.6	2 044.0	899.8	<b>2 943.8</b>
<b>1998-1999</b>	1 834.2	295.0	2 129.1	215.5	2 344.6	1 086.0	<b>3 430.7</b>
<b>1998</b>							
September	444.6	64.1	508.7	49.3	557.9	199.4	<b>757.3</b>
December	451.0	68.0	518.9	54.8	573.7	245.3	<b>819.1</b>
<b>1999</b>							
March	426.6	71.5	498.2	61.4	559.6	437.3	<b>996.9</b>
June	512.0	91.4	603.4	50.1	653.4	204.0	<b>857.4</b>
September	527.6	109.5	637.1	63.3	700.4	335.2	<b>1 035.5</b>
December	566.0	72.1	638.1	56.3	694.4	277.9	<b>972.3</b>
ORIGINAL (% change from preceding quarter)							
<b>1998</b>							
September	-6.5	-21.0	-8.6	15.7	-6.8	-8.7	-7.4
December	1.4	6.1	2.0	11.2	2.8	23.1	8.2
<b>1999</b>							
March	-5.4	5.2	-4.0	12.2	-2.5	78.2	21.7
June	20.0	27.8	21.1	-18.5	16.8	-53.4	-14.0
September	3.1	19.8	5.6	26.5	7.2	64.3	20.8
December	7.3	-34.2	0.2	-11.0	-0.9	-17.1	-6.1

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

(b) Refer to Explanatory Notes paragraph 12.

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

Period	<i>Hotels, motels and other short term accommodation</i>		<i>Shops.....</i>		<i>Factories.....</i>		<i>Offices.....</i>		<i>Other business premises.....</i>		<i>Educational</i>	
	<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>1999</b>												
November	4	0.3	33	3.0	18	2.2	14	1.5	15	1.6	13	1.6
December	1	0.1	15	1.3	7	0.7	10	1.1	7	0.8	6	0.7
<b>2000</b>												
January	3	0.3	15	1.2	20	2.2	14	1.2	14	1.4	7	0.9
Value—\$200,000—\$499,999												
<b>1999</b>												
November	1	0.2	8	1.9	12	3.7	5	1.9	8	2.2	7	1.9
December	1	0.3	7	2.5	3	0.8	3	0.7	2	0.7	5	1.3
<b>2000</b>												
January	2	0.4	9	2.7	7	1.9	3	1.0	7	2.3	3	0.8
Value—\$500,000—\$999,999												
<b>1999</b>												
November	2	1.0	1	0.8	3	1.9	3	1.9	2	1.6	2	1.4
December	0	0.0	4	2.7	1	0.8	4	3.3	2	1.5	5	3.4
<b>2000</b>												
January	0	0.0	4	2.5	1	0.5	6	3.7	1	0.7	0	0.0
Value—\$1,000,000—\$4,999,999												
<b>1999</b>												
November	0	0.0	3	4.2	0	0.0	1	1.7	4	6.8	1	3.8
December	2	3.6	2	4.9	1	1.6	2	2.8	2	3.9	0	0.0
<b>2000</b>												
January	2	4.2	0	0.0	0	0.0	2	2.9	0	0.0	1	4.2
Value—\$5,000,000 and over												
<b>1999</b>												
November	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	27.1
December	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.4
<b>2000</b>												
January	0	0.0	0	0.0	0	0.0	0	0.0	1	6.0	0	0.0
Value—Total												
<b>1996-1997</b>	91	75.4	408	164.2	319	102.6	314	156.4	402	160.4	120	152.0
<b>1997-1998</b>	99	53.1	445	186.0	287	88.4	283	123.5	398	150.0	128	114.7
<b>1998-1999</b>	90	52.4	486	366.4	270	89.7	274	93.9	396	146.6	124	119.6
<b>1999</b>												
November	7	1.5	45	9.9	33	7.8	23	7.0	29	12.2	25	35.9
December	4	3.9	28	11.4	12	3.8	19	7.8	13	6.9	17	12.8
<b>2000</b>												
January	7	4.9	28	6.5	28	4.6	25	8.8	23	10.4	11	5.9

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>1999</b>										
November	4	0.4	2	0.1	3	0.3	8	0.8	114	11.9
December	2	0.2	3	0.4	3	0.2	5	0.5	59	5.9
<b>2000</b>										
January	0	0.0	0	0.0	1	0.1	1	0.2	75	7.4
Value—\$200,000–\$499,999										
<b>1999</b>										
November	1	0.2	5	1.7	3	1.0	0	0.0	50	14.8
December	1	0.4	1	0.4	2	0.9	2	0.5	27	8.5
<b>2000</b>										
January	0	0.0	2	0.6	2	0.6	0	0.0	35	10.4
Value—\$500,000–\$999,999										
<b>1999</b>										
November	1	0.8	0	0.0	2	1.2	0	0.0	16	10.5
December	2	1.3	1	1.0	0	0.0	2	1.4	21	15.4
<b>2000</b>										
January	0	0.0	3	2.1	0	0.0	0	0.0	15	9.5
Value—\$1,000,000–\$4,999,999										
<b>1999</b>										
November	0	0.0	2	2.2	3	9.0	2	2.9	16	30.7
December	1	1.3	1	1.6	0	0.0	4	4.5	15	24.1
<b>2000</b>										
January	0	0.0	3	10.2	1	2.6	0	0.0	9	24.1
Value—\$5,000,000 and over										
<b>1999</b>										
November	0	0.0	0	0.0	0	0.0	0	0.0	2	27.1
December	0	0.0	0	0.0	0	0.0	0	0.0	1	7.4
<b>2000</b>										
January	0	0.0	0	0.0	0	0.0	0	0.0	1	6.0
Value—Total										
<b>1996-1997</b>	20	5.4	69	214.5	98	92.2	117	81.3	1 958	1 204.4
<b>1997-1998</b>	27	8.7	56	72.5	86	65.3	92	37.6	1 901	899.8
<b>1998-1999</b>	15	9.1	68	52.7	85	106.1	92	70.5	1 900	1 106.8
<b>1999</b>										
November	6	1.4	9	4.1	11	11.5	10	3.7	198	95.1
December	6	3.2	6	3.4	5	1.1	13	6.9	123	61.3
<b>2000</b>										
January	0	0.0	8	12.9	4	3.3	1	0.2	135	57.3

## VALUE OF NON-RESIDENTIAL BUILDINGS APPROVED

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>1996-1997</b>	75.5	162.8	96.2	117.2	113.7	38.8	5.3	96.1	36.6	32.5	<b>773.9</b>
<b>1997-1998</b>	51.7	185.4	86.4	81.6	142.0	32.0	8.7	58.4	39.4	21.1	<b>706.7</b>
<b>1998-1999</b>	51.8	363.5	86.2	70.2	138.8	51.5	9.0	32.2	75.7	17.0	<b>896.2</b>
<b>1999</b>											
January	8.5	118.7	11.5	9.4	10.7	2.4	0.0	1.7	0.4	0.5	<b>163.8</b>
February	3.1	85.2	6.6	8.1	11.8	1.2	0.0	1.7	2.3	1.3	<b>121.3</b>
March	5.0	29.1	8.0	5.0	13.4	3.9	0.7	2.4	11.8	2.3	<b>81.6</b>
April	3.0	16.5	8.5	3.5	17.6	5.7	0.0	4.7	1.0	1.5	<b>62.1</b>
May	1.2	10.8	4.3	11.0	11.9	1.5	0.6	1.6	4.3	1.3	<b>48.5</b>
June	3.6	17.9	5.7	2.2	7.5	4.4	6.3	7.0	1.0	0.7	<b>56.3</b>
July	8.7	14.6	4.6	7.0	12.6	4.2	0.5	1.4	0.3	3.5	<b>57.2</b>
August	0.5	20.9	10.2	3.9	12.1	2.5	1.4	2.1	5.5	1.9	<b>61.1</b>
September	9.0	10.2	7.7	1.8	4.3	7.5	1.5	12.2	1.7	2.7	<b>58.7</b>
October	1.3	13.0	16.2	5.4	9.2	10.5	2.1	7.7	1.0	3.3	<b>69.8</b>
November	1.0	9.9	7.3	6.4	10.0	3.8	1.4	1.7	6.0	0.6	<b>48.1</b>
December	3.9	11.4	3.8	7.1	6.9	2.5	3.2	1.8	0.5	2.7	<b>43.9</b>
<b>2000</b>											
January	4.9	6.5	4.6	6.9	10.0	1.1	0.0	4.5	0.1	0.2	<b>38.6</b>
PUBLIC SECTOR (\$ million)											
<b>1996-1997</b>	0.0	1.6	6.5	39.2	46.8	113.1	0.2	118.4	55.7	48.7	<b>430.0</b>
<b>1997-1998</b>	1.4	0.7	2.1	41.7	8.0	82.7	0.0	14.1	25.9	16.7	<b>193.3</b>
<b>1998-1999</b>	0.6	2.9	3.5	23.7	7.8	68.3	0.0	20.4	30.4	53.4	<b>210.7</b>
<b>1999</b>											
January	0.0	0.0	0.0	0.6	0.0	17.6	0.0	14.2	0.1	0.8	<b>33.3</b>
February	0.0	0.0	0.0	0.0	4.5	5.0	0.0	1.2	20.8	3.4	<b>34.9</b>
March	0.0	0.2	0.0	0.9	0.0	7.2	0.0	0.0	0.1	3.7	<b>12.0</b>
April	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	8.8	<b>9.2</b>
May	0.0	0.2	0.0	0.3	0.3	9.4	0.0	0.0	5.9	0.8	<b>16.9</b>
June	0.0	0.5	0.0	0.1	0.8	0.0	0.0	0.0	0.9	14.9	<b>17.2</b>
July	0.1	0.0	0.0	3.6	0.2	26.6	0.0	0.0	0.0	14.9	<b>45.4</b>
August	0.0	0.8	0.0	0.9	0.0	34.7	0.0	0.5	1.5	13.2	<b>51.7</b>
September	0.0	0.0	0.0	1.8	0.0	59.1	0.0	0.8	0.1	12.8	<b>74.6</b>
October	0.0	0.0	2.7	16.2	0.1	36.2	0.0	1.7	0.3	8.2	<b>65.4</b>
November	0.5	0.0	0.5	0.6	2.2	32.1	0.0	2.4	5.5	3.1	<b>46.9</b>
December	0.0	0.0	0.0	0.7	0.0	10.3	0.0	1.6	0.6	4.2	<b>17.5</b>
<b>2000</b>											
January	0.0	0.0	0.0	1.9	0.4	4.8	0.0	8.4	3.2	0.0	<b>18.7</b>
TOTAL (\$ million)											
<b>1996-1997</b>	75.5	164.3	102.8	156.4	160.3	151.9	5.5	214.5	92.3	81.3	<b>1 204.5</b>
<b>1997-1998</b>	53.1	186.0	88.6	123.5	149.9	114.6	8.7	72.5	65.1	37.6	<b>899.8</b>
<b>1998-1999</b>	52.4	366.3	89.7	93.8	146.6	119.7	9.0	52.6	106.0	70.3	<b>1 106.9</b>
<b>1999</b>											
January	8.5	118.7	11.5	10.1	10.7	20.0	0.0	15.9	0.5	1.3	<b>197.1</b>
February	3.1	85.2	6.6	8.1	16.3	6.2	0.0	2.9	23.1	4.7	<b>156.3</b>
March	5.0	29.2	8.0	5.9	13.4	11.0	0.7	2.4	11.9	6.0	<b>93.5</b>
April	3.0	16.5	8.5	3.5	17.6	5.7	0.0	4.9	1.2	10.3	<b>71.3</b>
May	1.2	11.0	4.3	11.3	12.3	10.8	0.6	1.6	10.2	2.1	<b>65.4</b>
June	3.6	18.5	5.7	2.3	8.2	4.4	6.3	7.0	1.8	15.6	<b>73.4</b>
July	8.9	14.6	4.6	10.6	12.7	30.7	0.5	1.4	0.3	18.3	<b>102.6</b>
August	0.5	21.7	10.2	4.8	12.1	37.3	1.4	2.7	7.0	15.1	<b>112.8</b>
September	9.0	10.2	7.7	3.6	4.3	66.6	1.5	12.9	1.9	15.5	<b>133.3</b>
October	1.3	13.0	18.9	21.6	9.3	46.8	2.1	9.4	1.3	11.5	<b>135.3</b>
November	1.5	9.9	7.8	7.0	12.2	35.9	1.4	4.1	11.5	3.7	<b>95.1</b>
December	3.9	11.4	3.8	7.8	6.9	12.8	3.2	3.4	1.1	6.9	<b>61.3</b>
<b>2000</b>											
January	4.9	6.5	4.6	8.8	10.4	5.9	0.0	12.9	3.3	0.2	<b>57.3</b>



## BUILDING APPROVED IN THE PERTH 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>1997-1998</b>	10 296	1 546	11 930	1 074 780	152 837	150 499	1 378 116	523 117	1 901 233
<b>1998-1999</b>	11 860	1 936	13 941	1 299 054	222 359	178 670	1 700 083	707 418	2 407 500
<b>1999</b>									
January	847	84	933	95 321	15 093	16 557	126 970	147 398	274 368
February	947	185	1 134	104 523	24 095	14 725	143 343	110 423	253 766
March	1 105	152	1 335	121 267	15 251	21 651	158 170	56 035	214 204
April	943	179	1 134	102 181	19 385	13 624	135 191	42 726	177 916
May	1 113	121	1 236	119 624	11 409	14 967	145 999	27 685	173 684
June	1 107	354	1 472	133 535	28 810	13 512	175 858	44 612	220 469
July	1 183	247	1 435	129 030	35 215	17 257	181 501	37 346	218 847
August	1 170	213	1 399	127 614	20 939	19 455	168 007	34 305	202 312
September	1 129	267	1 401	128 585	27 003	14 056	169 644	41 146	210 790
October	1 180	94	1 278	136 847	9 733	14 561	161 141	51 948	213 089
November	1 481	351	1 840	174 209	32 435	20 703	227 348	33 250	260 598
December	1 289	145	1 468	146 697	15 842	14 423	176 963	34 571	211 533
<b>2000</b>									
January	1 024	212	1 242	123 918	22 436	13 666	160 019	29 750	189 769
PUBLIC SECTOR									
<b>1997-1998</b>	493	389	882	33 838	22 635	1 383	57 856	128 996	186 851
<b>1998-1999</b>	151	398	549	12 124	26 592	5 222	43 938	145 021	188 959
<b>1999</b>									
January	3	35	38	427	2 056	660	3 143	26 997	30 140
February	0	28	28	0	1 677	120	1 797	21 265	23 062
March	25	20	45	1 917	1 433	515	3 865	11 205	15 070
April	16	0	16	1 095	0	1 485	2 580	3 460	6 040
May	12	74	86	1 032	5 227	340	6 599	8 798	15 398
June	57	132	189	4 554	8 654	100	13 308	14 782	28 090
July	0	0	0	0	0	220	220	34 725	34 945
August	7	0	7	433	0	990	1 423	44 238	45 660
September	13	137	150	1 038	12 507	0	13 544	66 115	79 659
October	1	24	25	155	1 531	420	2 106	55 884	57 990
November	2	0	6	203	0	517	720	17 974	18 694
December	16	52	72	1 490	4 058	0	5 547	13 124	18 671
<b>2000</b>									
January	11	22	49	937	1 408	517	2 862	6 429	9 291
TOTAL									
<b>1997-1998</b>	10 789	1 935	12 812	1 108 618	175 472	151 882	1 435 972	652 112	2 088 084
<b>1998-1999</b>	12 011	2 334	14 490	1 311 178	248 950	183 892	1 744 020	852 438	2 596 458
<b>1999</b>									
January	850	119	971	95 748	17 149	17 217	130 113	174 395	304 508
February	947	213	1 162	104 523	25 771	14 845	145 140	131 688	276 828
March	1 130	172	1 380	123 184	16 684	22 166	162 035	67 240	229 274
April	959	179	1 150	103 277	19 385	15 109	137 771	46 186	183 957
May	1 125	195	1 322	120 656	16 636	15 307	152 599	36 483	189 082
June	1 164	486	1 661	138 089	37 464	13 612	189 165	59 394	248 559
July	1 183	247	1 435	129 030	35 215	17 477	181 721	72 071	253 792
August	1 177	213	1 406	128 047	20 939	20 445	169 430	78 543	247 973
September	1 142	404	1 551	129 623	39 509	14 056	183 188	107 262	290 449
October	1 181	118	1 303	137 002	11 264	14 981	163 247	107 833	271 080
November	1 483	351	1 846	174 412	32 435	21 220	228 068	51 224	279 292
December	1 305	197	1 540	148 187	19 900	14 423	182 510	47 695	230 205
<b>2000</b>									
January	1 035	234	1 291	124 854	23 844	14 183	162 881	36 179	199 060

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

(b) Refer to Explanatory Notes paragraph 12.

## BUILDINGS APPROVED IN STATISTICAL AREAS: Original

Statistical Area	DWELLINGS (no.).....			VALUE (\$'000).....					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential buildings(b)	Total residential building	Non-residential building	Total building
<b>WESTERN AUSTRALIA</b>	<b>1 403</b>	<b>249</b>	<b>1 675</b>	<b>169 595</b>	<b>25 599</b>	<b>16 644</b>	<b>211 838</b>	<b>57 325</b>	<b>269 164</b>
<b>Perth (SD)</b>	<b>1 035</b>	<b>234</b>	<b>1 291</b>	<b>124 854</b>	<b>23 844</b>	<b>14 183</b>	<b>162 881</b>	<b>36 179</b>	<b>199 060</b>
Central Metropolitan (SSD)	51	59	111	12 555	8 800	3 891	25 246	10 714	35 960
Cambridge (T)	7	0	7	2 912	0	223	3 135	52	3 187
Claremont (T)	5	4	9	1 187	430	295	1 912	380	2 292
Cottesloe (T)	5	5	10	1 278	1 700	517	3 495	0	3 495
Mosman Park (T)	3	0	3	732	0	61	793	0	793
Nedlands (C)	15	0	15	3 509	0	861	4 370	597	4 967
Peppermint Grove (S)	0	0	0	0	0	316	316	0	316
Perth (C)–Inner	0	0	0	0	0	0	0	73	73
Perth (C)–Remainder	4	48	52	868	6 550	0	7 418	7 946	15 364
Subiaco (C)	3	0	3	620	0	847	1 467	1 338	2 805
Vincent (T)	9	2	12	1 448	120	772	2 340	329	2 669
East Metropolitan (SSD)	198	6	204	21 390	447	2 218	24 055	7 804	31 859
Bassendean (T)	6	6	12	1 185	447	319	1 951	0	1 951
Bayswater (C)	58	0	58	7 248	0	491	7 739	1 499	9 238
Kalamunda (S)	20	0	20	2 135	0	419	2 554	567	3 122
Mundaring (S)	17	0	17	2 106	0	183	2 289	370	2 659
Swan (S)	97	0	97	8 716	0	806	9 522	5 367	14 889
North Metropolitan (SSD)	327	79	414	35 842	6 314	3 965	46 121	5 459	51 580
Joondalup (C)–North	61	10	74	7 366	1 351	238	8 955	247	9 201
Joondalup (C)–South	18	0	19	3 112	0	617	3 729	358	4 087
Stirling (C)–Central	66	45	115	6 474	3 142	948	10 563	1 050	11 613
Stirling (C)–Coastal	30	20	50	3 992	1 475	514	5 982	70	6 052
Stirling (C)–South-Eastern	4	0	4	581	0	1 069	1 650	0	1 650
Wanneroo (S)–North-East	63	2	65	6 037	190	147	6 375	60	6 435
Wanneroo (S)–North-West	56	2	58	5 130	156	189	5 475	148	5 623
Wanneroo (S)–South	29	0	29	3 149	0	243	3 392	3 527	6 919
South West Metropolitan (SSD)	226	22	261	29 659	2 360	1 904	33 922	4 190	38 112
Cockburn (C)	90	2	104	8 880	160	445	9 485	1 001	10 486
East Fremantle (T)	1	0	1	1 255	0	150	1 405	0	1 405
Fremantle (C)–Inner	0	0	0	0	0	0	0	0	0
Fremantle (C)–Remainder	12	2	14	1 931	290	170	2 391	100	2 491
Kwinana (T)	7	0	7	516	0	75	591	405	996
Melville (C)	50	18	69	10 067	1 910	823	12 799	2 364	15 163
Rockingham (C)	66	0	66	7 009	0	241	7 250	320	7 570
South East Metropolitan (SSD)	233	68	301	25 409	5 924	2 204	33 536	8 012	41 548
Armadale (C)	24	0	24	2 734	0	244	2 978	392	3 370
Belmont (C)	14	6	20	1 768	548	57	2 373	1 415	3 788
Canning (C)	49	38	87	4 763	3 580	601	8 944	5 089	14 033
Gosnells (C)	94	4	98	9 263	296	132	9 691	150	9 841
Serpentine–Jarrahdale (S)	10	0	10	1 011	0	60	1 071	0	1 071
South Perth (C)	31	7	38	4 775	418	846	6 039	0	6 039
Victoria Park (T)	11	13	24	1 095	1 082	264	2 441	966	3 407
<b>South West (SD)</b>	<b>217</b>	<b>10</b>	<b>228</b>	<b>25 390</b>	<b>1 250</b>	<b>1 207</b>	<b>27 847</b>	<b>8 104</b>	<b>35 952</b>
Dale (SSD)	76	0	76	8 550	0	470	9 020	0	9 020
Boddington (S)	2	0	2	255	0	0	255	0	255
Mandurah (C)	63	0	63	7 104	0	393	7 497	0	7 497
Murray (S)	10	0	10	1 125	0	56	1 181	0	1 181
Waroona (S)	1	0	1	66	0	21	87	0	87
Preston (SSD)	77	0	77	9 073	0	479	9 551	6 450	16 001
Bunbury (C)	36	0	36	4 326	0	223	4 550	6 268	10 818
Capel (S)	9	0	9	970	0	80	1 050	50	1 100
Collie (S)	3	0	3	337	0	64	401	0	401
Dardanup (S)	9	0	9	804	0	0	804	132	936
Donnybrook–Balingup (S)	7	0	7	816	0	50	866	0	866
Harvey (S)	13	0	13	1 819	0	62	1 880	0	1 880

BUILDINGS APPROVED IN STATISTICAL AREAS: **Original** *continued*

Statistical Area	DWELLINGS (no.).....			VALUE (\$'000).....					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential buildings(b)	Total residential building	Non-residential buildings	Total building
Vasse (SSD)	58	10	69	6 905	1 250	233	8 387	1 581	9 968
Augusta–Margaret River (S)	20	8	28	2 574	550	74	3 198	390	3 589
Busselton (S)	38	2	41	4 330	700	159	5 189	1 191	6 380
Blackwood (SSD)	6	0	6	863	0	26	888	74	962
Boyup Brook (S)	0	0	0	0	0	0	0	0	0
Bridgetown–Greenbushes (S)	2	0	2	229	0	10	239	0	239
Manjimup (S)	4	0	4	633	0	16	649	74	723
Nannup (S)	0	0	0	0	0	0	0	0	0
<b>Lower Great Southern (SD)</b>	<b>44</b>	<b>3</b>	<b>47</b>	<b>5 487</b>	<b>350</b>	<b>292</b>	<b>6 129</b>	<b>4 059</b>	<b>10 188</b>
Pallinup (SSD)	0	0	0	0	0	0	0	2 298	2 298
Broomehill (S)	0	0	0	0	0	0	0	0	0
Gnowangerup (S)	0	0	0	0	0	0	0	0	0
Jerramungup (S)	0	0	0	0	0	0	0	0	0
Katanning (S)	0	0	0	0	0	0	0	2 298	2 298
Kent (S)	0	0	0	0	0	0	0	0	0
Kojonup (S)	0	0	0	0	0	0	0	0	0
Tambellup (S)	0	0	0	0	0	0	0	0	0
Woodanilling (S)	0	0	0	0	0	0	0	0	0
King (SSD)	44	3	47	5 487	350	292	6 129	1 762	7 891
Albany (C)–Central	15	3	18	1 328	350	16	1 694	1 337	3 031
Albany (C)–Balance	22	0	22	3 025	0	263	3 288	75	3 363
Cranbrook (S)	0	0	0	0	0	0	0	0	0
Denmark (S)	7	0	7	1 134	0	14	1 147	350	1 497
Plantagenet (S)	0	0	0	0	0	0	0	0	0
<b>Upper Great Southern (SD)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Hotham (SSD)	0	0	0	0	0	0	0	0	0
Brookton (S)	0	0	0	0	0	0	0	0	0
Cuballing (S)	0	0	0	0	0	0	0	0	0
Dumbleyung (S)	0	0	0	0	0	0	0	0	0
Narrogin (T)	0	0	0	0	0	0	0	0	0
Narrogin (S)	0	0	0	0	0	0	0	0	0
Pingelly (S)	0	0	0	0	0	0	0	0	0
Wagin (S)	0	0	0	0	0	0	0	0	0
Wandering (S)	0	0	0	0	0	0	0	0	0
West Arthur (S)	0	0	0	0	0	0	0	0	0
Wickepin (S)	0	0	0	0	0	0	0	0	0
Williams (S)	0	0	0	0	0	0	0	0	0
Lakes (SSD)	0	0	0	0	0	0	0	0	0
Corrigin (S)	0	0	0	0	0	0	0	0	0
Kondinin (S)	0	0	0	0	0	0	0	0	0
Kulin (S)	0	0	0	0	0	0	0	0	0
Lake Grace (S)	0	0	0	0	0	0	0	0	0
<b>Midlands (SD)</b>	<b>26</b>	<b>0</b>	<b>26</b>	<b>2 646</b>	<b>0</b>	<b>233</b>	<b>2 879</b>	<b>380</b>	<b>3 259</b>
Moore (SSD)	19	0	19	1 860	0	149	2 009	55	2 064
Chittering (S)	4	0	4	417	0	0	417	0	417
Dandaragan (S)	3	0	3	279	0	20	299	0	299
Gingin (S)	11	0	11	987	0	70	1 057	0	1 057
Moora (S)	1	0	1	178	0	59	237	55	292
Victoria Plains (S)	0	0	0	0	0	0	0	0	0

BUILDINGS APPROVED IN STATISTICAL AREA: **Original** *continued*

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

Statistical Area	DWELLINGS (no.)			VALUE (\$'000)					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential buildings(b)	Total residential building	Non-residential building	Total building
<b>Avon (SSD)</b>	7	0	7	786	0	84	870	325	1 195
Beverley (S)	0	0	0	0	0	0	0	0	0
Cunderdin (S)	0	0	0	0	0	0	0	0	0
Dalwallinu (S)	0	0	0	0	0	0	0	0	0
Dowerin (S)	0	0	0	0	0	0	0	0	0
Goomalling (S)	0	0	0	0	0	0	0	0	0
Koorda (S)	0	0	0	0	0	0	0	0	0
Northam (T)	1	0	1	77	0	0	77	0	77
Northam (S)	2	0	2	400	0	22	422	0	422
Quairading (S)	0	0	0	0	0	0	0	0	0
Tammin (S)	0	0	0	0	0	0	0	0	0
Toodyay (S)	0	0	0	0	0	0	0	0	0
Wongan-Ballidu (S)	0	0	0	0	0	0	0	0	0
Wyalkatchem (S)	0	0	0	0	0	0	0	0	0
York (S)	4	0	4	308	0	62	370	325	695
<b>Campion (SSD)</b>	0	0	0	0	0	0	0	0	0
Bruce Rock (S)	0	0	0	0	0	0	0	0	0
Kellerberrin (S)	0	0	0	0	0	0	0	0	0
Merredin (S)	0	0	0	0	0	0	0	0	0
Mount Marshall (S)	0	0	0	0	0	0	0	0	0
Mukinbudin (S)	0	0	0	0	0	0	0	0	0
Narembeen (S)	0	0	0	0	0	0	0	0	0
Nungarin (S)	0	0	0	0	0	0	0	0	0
Trayning (S)	0	0	0	0	0	0	0	0	0
Westonia (S)	0	0	0	0	0	0	0	0	0
Yilgarn (S)	0	0	0	0	0	0	0	0	0
<b>South Eastern (SD)</b>	11	0	11	1 424	0	141	1 565	599	2 164
<b>Lefroy (SSD)</b>	7	0	7	908	0	43	951	599	1 549
Coolgardie (S)	0	0	0	0	0	0	0	0	0
Kalgoorlie/Boulder (C)	7	0	7	908	0	43	951	599	1 549
Laverton (S)	0	0	0	0	0	0	0	0	0
Leonora (S)	0	0	0	0	0	0	0	0	0
Menzies (S)	0	0	0	0	0	0	0	0	0
Ngaanyatjarraku (S)	0	0	0	0	0	0	0	0	0
<b>Johnston (SSD)</b>	4	0	4	517	0	98	614	0	614
Dundas (S)	0	0	0	0	0	0	0	0	0
Esperance (S)	4	0	4	517	0	98	614	0	614
Ravensthorpe (S)	0	0	0	0	0	0	0	0	0
<b>Central (SD)</b>	54	2	56	7 309	155	462	7 926	721	8 647
<b>Gascoyne (SSD)</b>	4	0	4	638	0	135	773	0	773
Carnarvon (S)	1	0	1	180	0	0	180	0	180
Exmouth (S)	3	0	3	458	0	135	593	0	593
Shark Bay (S)	0	0	0	0	0	0	0	0	0
Upper Gascoyne (S)	0	0	0	0	0	0	0	0	0
<b>Carnegie (SSD)</b>	5	0	5	928	0	0	928	0	928
Cue (S)	0	0	0	0	0	0	0	0	0
Meekatharra (S)	0	0	0	0	0	0	0	0	0
Mount Magnet (S)	0	0	0	0	0	0	0	0	0
Murchison (S)	0	0	0	0	0	0	0	0	0
Sandstone (S)	0	0	0	0	0	0	0	0	0
Wiluna (S)	5	0	5	928	0	0	928	0	928
Yalgoo (S)	0	0	0	0	0	0	0	0	0

BUILDINGS APPROVED IN STATISTICAL AREAS: **Original** *continued*

Statistical Area	DWELLINGS (no.).....			VALUE (\$'000).....					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential buildings(b)	Total residential building	Non-residential building	Total building
Greenough River (SSD)	45	2	47	5 743	155	326	6 225	721	6 945
Carnamah (S)	0	0	0	0	0	0	0	0	0
Chapman Valley (S)	2	0	2	300	0	11	311	0	311
Coorow (S)	0	0	0	0	0	0	0	0	0
Geraldton (C)	5	0	5	712	0	100	812	281	1 093
Greenough (S)	16	0	16	2 491	0	216	2 707	343	3 049
Irwin (S)	11	2	13	1 444	155	0	1 599	97	1 696
Mingenew (S)	0	0	0	0	0	0	0	0	0
Morawa (S)	0	0	0	0	0	0	0	0	0
Mullewa (S)	1	0	1	107	0	0	107	0	107
Northampton (S)	10	0	10	690	0	0	690	0	690
Perenjori (S)	0	0	0	0	0	0	0	0	0
Three Springs (S)	0	0	0	0	0	0	0	0	0
<b>Pilbara (SD)</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>624</b>	<b>0</b>	<b>107</b>	<b>731</b>	<b>4 333</b>	<b>5 064</b>
De Grey (SSD)	4	0	4	624	0	0	624	1 719	2 343
East Pilbara (S)	0	0	0	0	0	0	0	0	0
Port Hedland (T)	4	0	4	624	0	0	624	1 719	2 343
Fortescue (SSD)	0	0	0	0	0	107	107	2 615	2 722
Ashburton (S)	0	0	0	0	0	34	34	2 615	2 649
Roebourne (S)	0	0	0	0	0	73	73	0	73
<b>Kimberley (SD)</b>	<b>12</b>	<b>0</b>	<b>12</b>	<b>1 860</b>	<b>0</b>	<b>20</b>	<b>1 880</b>	<b>2 950</b>	<b>4 830</b>
Ord (SSD)	0	0	0	0	0	10	10	0	10
Halls Creek (S)	0	0	0	0	0	0	0	0	0
Wyndham-East Kimberley (S)	0	0	0	0	0	10	10	0	10
Fitzroy (SSD)	12	0	12	1 860	0	10	1 870	2 950	4 820
Broome (S)	9	0	9	1 554	0	0	1 554	0	1 554
Derby-West Kimberley (S)	3	0	3	306	0	10	316	2 950	3 266

(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;
- approvals issued by the Rural Housing Authority in areas not subject to building control 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* (Cat. no. 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.

## EXPLANATORY NOTES

### BUILDING CLASSIFICATIONS *continued*

**8** An example of this rule is the treatment of 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 Factories.

**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 May 1998 issue of this publication, Conversions were published as part of a category called 'Conversions, etc.'. From the May 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, 2, 11 and 12 they are included in the appropriate Type of Building category, and in tables 3, 4, 11 and 12 they are included in the 'Alterations and additions to residential buildings' category.

### SEASONAL ADJUSTMENT

**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.

## EXPLANATORY NOTES

### 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* (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on (02) 6252 6076.

**19** 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

**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 1997–98). 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 publication *Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (Cat. no. 5248.0).

### AUSTRALIAN STANDARD GEOGRAPHICAL CLASSIFICATION (ASGC)

**22** Area statistics are now being classified to the *Australian Standard Geographical Classification, 1999 Edition* (Cat. no. 1216.0), effective from 1 July 1999, and ASGC terminology has been adopted in the presentation of building statistics.

**23** Some Statistical Districts straddle State/Territory boundaries (e.g. the Gold Coast–Tweed Statistical District lies partly in Queensland and partly in New South Wales.)

### UNPUBLISHED DATA

**24** 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

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

- *Building Activity, Australia: Dwelling Unit Commencements* (Cat. no. 8750.0)
- *Building Activity, Australia* (Cat. no. 8752.0)
- *Building Activity, Western Australia* (Cat. no. 8752.5)
- *Building Activity, Building Work Done, Australia* (Cat. no. 8755.0)
- *Building Approvals, Australia* (Cat. no. 8731.0)
- *Engineering Construction Activity, Australia* (Cat. no. 8762.0)
- *House Price Indexes: Eight Capital Cities* (Cat. no. 6416.0)
- *Housing Finance for Owner Occupation, Australia* (Cat. no. 5609.0)
- *Price Index of Materials Used in House Building* (Cat. no. 6408.0)
- *Price Index of Materials Used in Building Other than House Building* (Cat. no. 6407.0).



# EXPLANATORY NOTES



**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
- S Shire
- SD Statistical Division
- SSD Statistical Subdivison
- T Town



## 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 May 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.
<b>House</b>	A house is a detached building primarily used for long term residential purposes. It consists of one dwelling unit. For instance, detached 'granny flats' and detached dwelling units (e.g. caretakers residences) associated with a non-residential building are defined as houses.

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- CPI INFOLINE* For current and historical Consumer Price Index data, call 1902 981 074 (call cost 75c per minute).
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