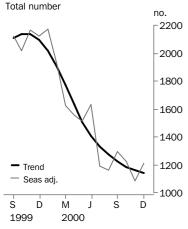




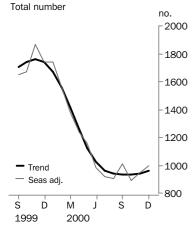
# BUILDING APPROVALS WESTERN AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) THURS 8 FEB 2001

#### **Dwelling units approved**



#### **Private sector houses approved**



 For further information about these and related statistics, contact Merv Leaker on Adelaide
 08 8237 7536 or the National Information Service on 1300 135 070.

## DECEMBER KEY FIGURES

	Oct 2000	Nov 2000	Dec 2000
Dwelling units approved			
Original	1 213	1 228	1 065
Seasonally adjusted	1 226	1 083	1 213
Trend	1 185	1 160	1 142
• • • • • • • • • • • • • • • • • • • •	% change Sep 2000 to Oct 2000	% change Oct 2000 to Nov 2000	% change Nov 2000 to Dec 2000
Dwelling units approved			
Original	0.5	1.2	-13.3
Seasonally adjusted	-5.4	-11.6	12.0
Trend	-3.0	-2.1	-1.5

### DECEMBER KEY POINTS

#### TREND ESTIMATES

- While the trend for total dwelling units approved continued to fall throughout the December 2000 quarter the rate of decline has slowed. The December 2000 trend estimate of 1,142 dwelling units is the lowest estimate since March 1991.
- The trend for private sector house approvals has increased to 958 in December 2000 which is 2.7% higher than the September 2000 low of 933.

#### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for total dwellings has increased 12.0% to 1,213 in December 2000 following decreases of 5.4% and 11.6% in October and November respectively.
- The seasonally adjusted estimate for private sector houses fell in October 2000 by 12.3% but increased in the following two months by 6.7% and 4.9% respectively.

#### ORIGINAL ESTIMATES

- In original terms, the number of dwellings approved over the December 2000 quarter has fallen 3.2% (to 3,506) compared with the September 2000 quarter. A reduction in the number of other dwellings approved was responsible for the fall.
- The total value of building work approved for the December 2000 quarter was \$708.3 million, down 7.7% from the previous quarter of \$767.2 million.

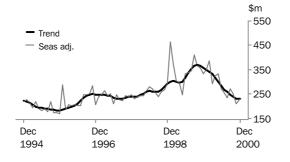
# N O T E S

FORTHCOMING ISSUES	ISSUE	RELEASE DATE
	March 2001	11 May 2001
	June 2001	7 August 2001
	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
CHANGES IN THIS ISSUE	The Explanatory Notes (pages 22-25) have b about building approval values, including th (GST).	*
	• • • • • • • • • • • • • • • • • • • •	
DATA NOTES	There are no data notes for this issue.	
	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
REVISIONS THIS MONTH	As a result of revisions there are an addition issue compared with data released in the No <i>Australia (8731.0)</i> .	-

Colin Nagle Regional Director, Western Australia

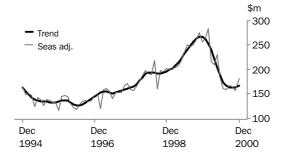
VALUE OF TOTAL BUILDING

The trend for the value of total building approved continued the decline that began in November 1999, although the rate of decline eased to 1.5% in December 2000.



# VALUE OF RESIDENTIAL BUILDING

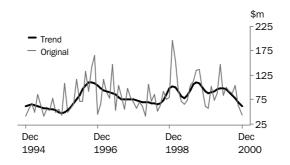
The decline in the trend for the value of residential building, which had occurred since December 1999 was arrested in November 2000. The trend increased by 2.6% in December 2000.



# VALUE OF NON-RESIDENTIAL BUILDING

. . . . . .

The trend for the value of non-residential building has fallen for the past seven months with the rate of decline increasing with each consecutive month.



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

#### DWELLING UNITS APPROVED

The number of dwelling units approved in the 1999 and 2000 calendar years and the percentage movement between 1999 and 2000 for Western Australia is summarised below:

	1999	2000	1999 to 2000
	no.	no.	% change
New residential building Alterations and additions to	23 209	17 243	-25.7
residential buildings	67	88	31.3
Conversions	103	76	-26.2
Non-residential building	55	38	-30.9
Total dwelling units	23 434	17 445	-25.6

The total number of dwelling units approved in the calendar year 2000 has decreased by 5,989 dwellings (or 25.6%) compared with the previous year.

### VALUE OF BUILDING APPROVED

The value of building approved in the 1999 and 2000 calendar years and the percentage movement between 1999 and 2000 for Western Australia is summarised below:

	1999	2000	1999 to 2000
	\$m	\$m.	% change
New residential building Alterations and additions creating	2 569.6	2 155.4	-16.1
dwellings to residential buildings Alterations and additions not creating	5.4	5.2	-4.4
dwellings to residential building	231.8	197.6	-14.8
Conversions	15.1	9.9	-34.0
Non-residential building	1 306.1	1 047.9	-19.8
Total building	4 128.0	3 416.0	-17.2

The value of total building for the 2000 calendar year fell 17.2% compared with the previous year, as all building type categories recorded a decrease in the value of work approved.

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

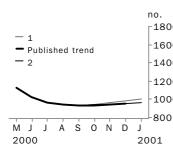
Readers should exercise care when interpreting trend estimates. The last six trend estimates, in particular, are likely to be revised when new seasonally adjusted estimates become available.

TREND REVISIONS

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

The graphs and tables which follow present the effect of two possible scenarios on the previous trend estimates: that the January seasonally adjusted estimate is higher than the December estimate by 6% for the number of private sector houses approved and 7% for total dwelling units approved; and that the January seasonally adjusted estimate is lower than the December estimate by 6% for the number of private sector houses approved and 7% for total dwelling units approved. These percentages were chosen because they represent the average absolute monthly percentage change for these series over the last ten years.

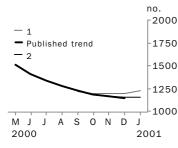
#### PRIVATE SECTOR HOUSES



#### WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE: 2 1

				_			
00		TREND					
00		PUBLIS	HED % change	rises by no.	6% on Dec 2000 % change	falls by 6 no.	5% on Dec 2000 % change
00		110.	10 change	110.	% change	110.	% change
00	August 2000	939	-2.6	930	-2.9	934	-2.7
00	September 2000	933	-0.7	929	-0.1	931	-0.3
	October 2000	936	0.3	943	1.5	938	0.7
0	November 2000	943	0.8	962	2.0	945	0.8
	December 2000	958	1.7	984	2.3	953	0.8
	January 2001	n.y.a.	n.y.a.	1 006	2.2	959	0.6

#### TOTAL DWELLING UNITS



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

			1		2	
	TREND AS PUBLISHED		rises by 7% on Dec 2000		falls by T	7% on Dec 2000
	no.	% change	no.	% change	no.	% change
August 2000	1 273	-4.4	1 263	-4.7	1 269	-4.5
September 2000	1 222	-4.0	1 218	-3.6	1 221	-3.8
October 2000	1 185	-3.0	1 195	-1.9	1 187	-2.8
November 2000	1 160	-2.1	1 191	-0.3	1 165	-1.8
December 2000	1 142	-1.5	1 196	0.4	1 148	-1.5
January 2001	n.y.a.	n.y.a.	1 225	2.5	1 153	0.5



# DWELLING UNITS APPROVED

	HOUSES		OTHER DWE	LLINGS	TOTAL DWELLING UNITS		
	Private sector	Total	Private sector	Total	Private sector	Total	
Month	no.	no.	no.	no.	no.	no.	
• • • • • • • • • • • • • •	• • • • • • • • • • • • • • •	•••••		• • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • •	•••••	
1999			ORIGINAL				
October	1 655	1 669	208	237	1 863	1 906	
November	2 031	2 058	371	377	2 402	2 435	
December	1 712	1 734	207	280	1 919	2 433	
2000	1112	1754	201	200	1 919	2 014	
January	1 385	1 404	233	271	1 618	1 675	
February	1 459	1 499	441	473	1 900	1 972	
March	1 477	1 508	198	260	1 675	1 768	
April	1 072	1 094	240	281	1 312	1 375	
May	1 363	1 392	380	418	1 743	1 810	
June	1 044	1 200	179	517	1 223	1 717	
July	906	915	192	209	1 098	1 124	
August	1 005	1 012	228	279	1 233	1 291	
September	961	987	182	220	1 143	1 207	
October	911	940	253	273	1 164	1 213	
November	1 027	1 058	147	170	1 174	1 228	
December	900	914	144	151	1044	1 065	
• • • • • • • • • • • • • •		•••••	•••••	• • • • • • • • • • • • • • • •		•••••	
1000		S	EASONALLY ADJUSTE	D			
1999 October	1 673	1 699	20	<b>n</b> 0	1 065	2 0 2 0	
November	1 865	1 891	n.a.	n.a.	1 965 2 131	2 020 2 163	
December	1 743	1 769	n.a. n.a.	n.a. n.a.	2 021	2 103	
2000	1745	1105	11.d.	n.a.	2 021	2 120	
January	1 742	1 773	n.a.	n.a.	2 103	2 172	
February	1 556	1 596	n.a.	n.a.	1 852	1 924	
March	1 375	1 411	n.a.	n.a.	1 529	1 627	
April	1 232	1 264	n.a.	n.a.	1 480	1 553	
May	1 158	1 184	n.a.	n.a.	1 447	1 511	
June	982	1 045	n.a.	n.a.	1 231	1 632	
July	917	928	n.a.	n.a.	1 163	1 191	
August	903	909	n.a.	n.a.	1 102	1 159	
September	1 013	1 047	n.a.	n.a.	1 224	1 296	
October	888	938	n.a.	n.a.	1 156	1 226	
November	947	978	n.a.	n.a.	1 029	1 083	
December	994	1 012	n.a.	n.a.	1 188	1 213	
•••••	• • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • •		•••••	
1999			TREND ESTIMATES				
October	1 742	1 764	319	371	2 061	2 135	
November	1 758	1 784	306	351	2 061	2 135	
December	1 737	1 767	289	327	2 004	2 094	
2000	1.01	1.01	200	021	2 020	2001	
January	1671	1 703	277	312	1 948	2 015	
February	1 558	1 593	267	310	1 825	1 903	
March	1 410	1 446	261	324	1 671	1 770	
April	1 257	1 293	251	338	1 508	1 631	
May	1 124	1 157	246	350	1 370	1 507	
June	1 024	1 055	242	352	1 266	1 407	
July	964	993	239	339	1 203	1 332	
August	939	967	229	306	1 168	1 273	
September	933	962	210	260	1 143	1 222	
October	936	965	193	220	1 129	1 185	
November	943	973	177	187	1 120	1 160	
December	958	986	167	156	1 125	1 142	
•••••	• • • • • • • • • • • • • • •	•••••		• • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • •	•••••	

6 ABS • BUILDING APPROVALS, WA • 8731.5 • DECEMBER QUARTER 2000



# DWELLING UNITS APPROVED, Percentage Change

	HOUSES		OTHER DWE	LLINGS	TOTAL DWEL	LING UNITS
Month	Private sector	Total	Private sector	Total	Private sector	Total
WORUT						TOLAT
•••••	• • • • • • • • • • • • • • •		ohongo from proces		•••••	
1999		ORIGINAL (%	change from prece	aing month)		
October	2.5	2.5	-34.8	-48.0	-3.7	-8.6
November	22.7	23.3	78.4	59.1	28.9	27.8
December	-15.7	-15.7	-44.2	-25.7	-20.1	-17.3
2000						
January	-19.1	-19.0	12.6	-3.2	-15.7	-16.8
February	5.3	6.8	89.3	74.5	17.4	17.7
March	1.2	0.6	-55.1	-45.0	-11.8	-10.3
April	-27.4	-27.5	21.2	8.1	-21.7	-22.2
May	27.1	27.2	58.3	48.8	32.9	31.6
June	-23.4	-13.8	-52.9	23.7	-29.8	-5.1
July	-13.2	-23.8	7.3	-59.6	-10.2	-34.5
August	10.9	10.6	18.8	33.5	12.3	14.9
September	-4.4	-2.5	-20.2	-21.1	-7.3	-6.5
October	-5.2	-4.8	39.0	24.1	1.8	0.5
November	12.7	12.6	-41.9	-37.7	0.9	1.2
December	-12.4	-13.6	-2.0	-11.2	-11.1	-13.3
•••••					• • • • • • • • • • • • • • • • •	
1000		SEASONALLY ADJUS	TED (% change from	n preceding month)		
<b>1999</b>	1.6	0.4			0.0	4.0
October November	1.6	2.1	n.a.	n.a.	-0.2	-4.9
	11.5 -6.6	11.3 -6.5	n.a.	n.a.	8.4 -5.2	7.1 -2.0
December	-0.0	-0.5	n.a.	n.a.	-5.2	-2.0
2000 January	0.0	0.2	2.0	<b>n</b> 0	4.1	2.5
February	-10.7	-10.0	n.a. n.a.	n.a. n.a.	4.1 –11.9	-11.4
March	-11.6	-11.6	n.a.	n.a.	-11.9	-15.5
April	-10.4	-10.4	n.a.	n.a.	-3.2	-4.5
May	-6.0	-6.3	n.a.	n.a.	-2.2	-2.7
June	-15.2	-11.7	n.a.	n.a.	-14.9	8.0
July	-6.6	-11.2	n.a.	n.a.	-5.5	-27.0
August	-1.6	-2.0	n.a.	n.a.	-5.2	-2.7
September	12.1	15.2	n.a.	n.a.	11.1	11.8
October	-12.3	-10.4	n.a.	n.a.	-5.6	-5.4
November	6.7	4.3	n.a.	n.a.	-11.0	-11.6
December	4.9	3.5	n.a.	n.a.	15.5	12.0
• • • • • • • • • • • • • •		• • • • • • • • • • • • • •	• • • • • • • • • • • • • • •			
		TREND ESTIMATE	S (% change from p	receding month)		
1999		<u> </u>	- <i>i</i>			
October	2.3	2.6	-2.1	-4.9	1.6	1.2
November	0.9	1.1	-4.1	-5.4	0.1	0.0
December	-1.2	-1.0	-5.6	-6.8	-1.8	-1.9
2000			4.0	4.0	~ ~	
January	-3.8	-3.6	-4.2	-4.6	-3.8	-3.8
February	-6.8	-6.5	-3.6	-0.6	-6.3	-5.5
March	-9.5	-9.2	-2.2	4.5	-8.4	-7.0
April May	-10.9 -10.6	-10.6 -10.5	-3.8 -2.0	4.3 3.6	-9.8 -9.2	-7.9 -7.6
June	-10.6 -8.9	-10.5 -8.8	-2.0 -1.6	3.6 0.6	-9.2 -7.6	-7.6 -6.6
July	-8.9 -5.8	-8.8 -5.9	-1.6 -1.2	-3.7	-7.6 -5.0	-6.6 -5.3
August	-5.8 -2.6	-2.6	-1.2 -4.2	-3.7 -9.7	-2.9	-5.3 -4.4
September	-2.6 -0.7	-2.6 -0.5	-4.2 -8.3	_9.7 _15.0	-2.9 -2.1	-4.4 -4.0
October	-0.7 0.3	-0.5 0.3	-8.3 -8.1	-15.4	-2.1 -1.2	-4.0 -3.0
November	0.3	0.3	-8.1 -8.3	-15.4 -15.0	-1.2 -0.8	_3.0 _2.1
December	0.8 1.7	1.3	-8.3 -5.6	-16.6	-0.8 0.4	-2.1 -1.5
	±.1	T.O	-0.0	-10.0	0.4	-T.O



# VALUE OF BUILDING APPROVED

	New residential	Alterations and additions to residential	Total residential	Non- residential	Total
	building	buildings(a)	building	building	building
lonth	\$m	\$m	\$m	\$m	\$m
• • • • • • • • • • •	• • • • • • • • • • • • •		ORIGINAL	•••••	• • • • • • • • • • •
999			ORIGINAL		
October	227.0	19.5	246.5	137.0	383
November	277.4	26.4	303.8	95.7	399
December	224.8	18.1	243.0	62.3	305
000					
January	195.2	16.6	211.8	57.3	269
February	269.1	20.2	289.3	103.2	392
March	213.4	19.3	232.7	74.0	306
April	170.8	15.6	186.4	87.5	273
May	240.6	24.6	265.2	147.7	412
June	188.1	13.8	201.9	83.6	285
July	135.9	16.4	152.3	101.4	253
August	152.5	18.7	171.2	93.0	264
September	152.5	18.4	171.2 160.8	93.0 88.5	264
October					
	145.7	17.5	163.1	105.1	268
November	154.1	18.4	172.5	63.0	235
December	147.6	13.1	160.8	43.6	204
		SEASON	NALLY ADJUSTED	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • •
999					
October	243.0	17.7	260.8	n.a.	367
November	249.8	24.9	274.7	n.a.	360
December	239.4	18.6	258.0	n.a.	334
000					
January	245.4	18.0	263.4	n.a.	351
February	265.5	18.9	284.3	n.a.	385
March	199.3	16.9	216.3	n.a.	294
April	192.4	18.2	210.6	n.a.	323
May	205.2	25.4	230.6	n.a.	331
June	166.4	15.9	182.4	n.a.	273
July	145.3	15.4	160.7		257
-				n.a.	
August	141.4	17.8	159.2	n.a.	236
September	147.9	18.8	166.7	n.a.	271
October	150.5	15.7	166.2	n.a.	253
November	139.1	18.9	158.0	n.a.	213
December	167.7	13.3	181.0	n.a.	231
• • • • • • • • • • • •		TREN	ID ESTIMATES		• • • • • • • • • • •
999					
October	241.9	21.1	263.0	108.9	372
November	246.3	20.3	266.5	101.3	367
December	247.2	19.4	266.6	93.0	359
000					
January	243.8	19.0	262.8	88.9	351
February	235.0	18.9	253.9	89.4	343
March	220.9	18.9	239.8	93.3	333
April	203.4	18.9	222.3	96.9	319
May	185.2	18.8	204.0	98.2	302
-	168.4			98.2 97.9	284
June		18.6	187.0		
July	156.2	18.1	174.3	95.7	270
August	149.6	17.6	167.2	91.3	258
September	146.6	17.1	163.7	84.8	248
October	146.3	16.7	163.0	77.2	240
November	147.8	16.2	164.1	69.1	233
December	152.1	16.2	168.3	61.4	229

(a) Refer to Explanatory Notes paragraph 18.



# VALUE OF BUILDING APPROVED, Percentage Change

. . . . . . . . .

	New residential	Alterations and additions to residential	Total residential	Non- residential	Total
Month	building	buildings(a)	building	building	building
• • • • • • • • • • • • • • •	•••••		from preceding month		• • • • • • • • • •
1999		ORIGINAL (% change	from preceding month	)	
October	-0.8	4.6	-0.4	1.6	0.3
November	22.2	35.6	23.3	-30.1	4.2
December	-18.9	-31.4	-20.0	-35.0	-23.6
2000					
January	-13.2	-8.2	-12.8	-7.9	-11.8
February	37.9	21.2	36.6	79.9	45.8
March	-20.7	-4.4	-19.6	-28.2	-21.9
April	-20.0	-19.1	-19.9	18.1	-10.7
May	40.9	58.0	42.3	68.9	50.8
June	-21.8	-44.0	-23.9	-43.4	-30.9
July	-27.8	19.2	-24.5	21.3	-11.1
August	12.2	13.8	12.4	-8.3	4.1
September	-6.6	-1.6	-6.1	-4.8	-5.6
October	2.3	-5.2	1.5	18.8	7.6
November	5.8	5.5	5.8	-40.0	-12.2
December	-4.2	-28.7	-6.8	-30.8	-13.2
•••••	•••••				••••
1000	SEASO	ONALLY ADJUSTED (% (	change from preceding	( month)	
<b>1999</b>	E 4	10.0	2.0		10 7
October	5.4 2.8	-12.6 40.2	3.9 5.3	n.a.	-10.7
November December	-4.2			n.a.	-2.0
2000	-4.2	-25.4	-6.1	n.a.	-7.2
January	2.5	-3.3	2.1	n.a.	5.2
February	8.2	-5.0	7.9	n.a.	9.7
March	-24.9	-10.2	-23.9	n.a.	-23.7
April	-3.5	7.6	-2.6	n.a.	10.0
May	6.7	39.6	9.5	n.a.	2.5
June	-18.9	-37.4	-20.9	n.a.	-17.5
July	-12.7	-3.3	-11.9	n.a.	-5.8
August	-2.7	15.8	-0.9	n.a.	-8.1
September	4.6	5.4	4.7	n.a.	14.7
October	1.7	-16.3	-0.3	n.a.	-6.5
November	-7.5	19.9	-4.9	n.a.	-16.1
December	20.5	-29.7	14.5	n.a.	8.4
	TRE	ND ESTIMATES (% cha	ange from preceding m	onth)	
1999					
October	2.8	-2.0	2.4	-1.7	1.2
November	1.8	-4.2	1.3	-7.0	-1.1
December	0.4	-4.2	0.0	-8.2	-2.2
2000					
January	-1.4	-2.2	-1.5	-4.4	-2.2
February	-3.6	-0.3	-3.4	0.6	-2.4
March	-6.0	0.0	-5.5	4.3	-3.0
April	-7.9	-0.1	-7.3	3.9	-4.2
May	-9.0	-0.6	-8.2	1.3	-5.3
June	-9.1	-1.1	-8.3	-0.3	-5.7
July	-7.3	-2.5	-6.8	-2.3	-5.3
August	-4.2	-2.9	-4.1	-4.6	-4.2
September	-2.0	-2.8	-2.1	-7.1	-3.9
October	-0.2	-2.3	-0.4	-9.0	-3.3
November	1.0	-2.8	0.6	-10.4	-2.9
December	2.9	-0.3	2.6	-11.2	-1.5

(a) Refer to Explanatory Notes paragraph 18.



# DWELLING UNITS APPROVED, Private and Public Sector: Original

		New other	Alterations and additions		Non-	Total
Period	New houses	residential building	to residential buildings	Conversion(a)	residential building(a)	dwelling units
•••••			VATE SECTOR (Num	hor)		• • • • • • • • •
1997-1998	14 960	2 026	45	21	40	17 092
1998-1999	17 048	2 313	31	101	36	19 529
1999-2000	18 261	3 268	61	51	43	21 684
1999	1 710	474		-	45	4 0 4 0
December 2000	1 712	171	14	7	15	1 919
January	1 384	227	3	0	4	1 618
February	1 458	420	14	8	0	1 900
March	1 476	193	4	0	2	1 675
April	1 071	237	1	1	2	1 312
May	1 363	359	2	17	2	1 743
June	1 042	179	0	2	0	1 223
July	905	179	5	7	2	1 098
August	1 003	171	12	35	12	1 233
September	955	170	3	5	10	1 143
October	909	250	3	0	2	1 164
November	1 026	145	0	1	2	1 174
December	900	143	1	0	0	1 044
• • • • • • • • • • • • •	• • • • • • • • • • • • • •	PUI	BLIC SECTOR (Numl	ber)	• • • • • • • • • • • • • • •	• • • • • • • • •
					_	
1997-1998	868	500	0	0	0	1 368
1998-1999	442	636	7	0	0	1 085
1999-2000	392	800	36	0	4	1 232
1999						
December	22	68	1	0	4	95
2000				_	_	
January	19	22	16	0	0	57
February	40	32	0	0	0	72
March	31	56	6	0	0	93
April	22 29	41 38	0 0	0 0	0 0	63 67
May June		338	0	0	0	494
July	156 9	11	6	0	0	494 26
August	3 7	40	11	0	0	58
September	26	38	0	0	0	64
October	28	20	1	0	0	49
November	31	23	0	0	0	54
December	14	20	0	0	0	21
2000111001			-		-	
			TOTAL (Number)			
1997-1998	15 828	2 526	45	21	40	18 460
1998-1999	17 490	2 949	38	101	36	20 614
1999-2000	18 653	4 068	97	51	47	22 916
1999						
December	1 734	239	15	7	19	2 014
2000						
January	1 403	249	19	0	4	1 675
February	1 498	452	14	8	0	1 972
March	1 507	249	10	0	2	1 768
April	1 093	278	1	1	2	1 375
May	1 392	397	2	17	2	1 810
June	1 198	517	0	2	0	1 717
July	914	190	11	7	2	1 124
August	1 010	211	23	35	12	1 291
September	981	208	3	5	10	1 207
October	937	270	4	0	2	1 213
November	1 057	168	0	1	2	1 228
December	914	150	1	0	0	1 065
	(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
• • • • • • • • • • • •		• • • • • • • • • •	PRIVAT	E SECTOR (\$ mi	llion)			• • • • • • •
1997-1998	1 561.5	189.6	2.4	182.5	0.9	1 936.9	706.7	2 643.5
1998-1999	1 865.9	253.1	1.8	208.5	8.7	2 338.2	897.5	3 235.8
1999-2000	2 130.4	446.3	5.8	219.1	13.0	2 814.5	666.0	3 480.7
1999								
December	199.2	18.1	1.5	15.2	1.3	235.2	44.8	280.0
2000	4.07.0			10.0				
January	167.6	24.2	0.2	16.0	0.0	207.9	38.6	246.6
February	164.2	97.7	1.2	18.1	0.7	282.1	54.3	336.3
March	185.9 125.8	19.2 39.9	0.5 0.2	17.0 14.6	0.0 0.0	222.6 180.4	38.9 63.0	261.5 243.5
April May	125.8	65.1	0.2	20.2	4.3	255.8	68.3	243.5 324.1
June	125.2	18.8	0.0	13.7	0.1	157.8	56.7	214.6
July	113.9	20.1	0.3	14.0	1.2	149.5	49.9	199.4
August	127.1	20.1	0.6	13.7	3.3	165.4	86.0	251.4
September	117.6	17.2	0.1	16.7	0.3	151.9	80.1	232.0
October	116.8	24.3	0.4	16.5	0.0	158.0	70.7	228.7
November	131.8	16.6	0.0	18.3	0.1	166.9	51.5	218.4
December	123.1	22.5	0.2	12.9	0.0	158.8	31.8	190.6
• • • • • • • • • • • •		• • • • • • • • • •	PUBLI	C SECTOR (\$ mil	lion)		• • • • • • • • • • •	• • • • • • •
1007 1008	72.9	32.5		1.7	0.0	107.4	193.3	300.3
1997-1998	46.8	44.8	0.4	5.4	0.0	97.5	210.7	300.3
1998-1999 1999-2000	40.8	44.8 67.1	1.6	4.7	0.0	116.6	535.0	508.5 651.4
1999								
December	2.1	5.4	0.1	0.1	0.0	7.8	17.5	25.2
2000								
January	2.0	1.4	0.5	0.0	0.0	3.9	18.7	22.6
February	3.7	3.5	0.0	0.1	0.0	7.2	48.9	56.1
March	3.1	5.1	0.2	1.6	0.0	10.0	35.2	45.2
April	3.0	2.1	0.0	0.8	0.0	5.9	24.5	30.4
May	6.1	3.2	0.0	0.1	0.0	9.4	79.4	88.8
June	15.3	28.8	0.0	0.0	0.0	44.1	26.8	70.9
July	1.0	0.9	0.2	0.8	0.0	2.9	51.5	54.3
August	0.9	3.8	0.2	0.9	0.0	5.8	7.0	12.8
September	4.1	3.5	0.0	1.3	0.0	8.9	8.4	17.2
October	2.7	1.9	0.4	0.2	0.0	5.1	34.4	39.5
November December	3.8 1.5	1.8 0.5	0.0 0.0	0.0 0.0	0.0 0.0	5.7 2.0	11.6 11.8	17.2 13.8
•••••		• • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·		••••••	•••••	•••••	• • • • • • •
				OTAL (\$ million)				
1997-1998	1 634.2	222.0	2.4	184.3	0.9	2 043.9	899.8	2 943.8
1998-1999 1999-2000	1 912.9 2 173.7	298.3 513.2	2.3 7.4	214.1 224.0	8.7 13.0	2 436.0 2 931.4	1 108.3 1 201.1	3 544.3 4 132.2
1999								
December	201.3	23.5	1.6	15.3	1.3	243.0	62.3	305.2
2000	201.0	_3.0					22.0	0001 <b>L</b>
January	169.6	25.6	0.7	16.0	0.0	211.8	57.3	269.2
February	167.9	101.2	1.2	18.2	0.7	289.3	103.2	392.5
March	189.0	24.3	0.6	18.7	0.0	232.7	74.0	306.7
April	128.8	42.0	0.2	15.4	0.0	186.4	87.5	273.8
May	172.2	68.3	0.1	20.3	4.3	265.2	147.7	412.9
June	140.5	47.6	0.0	13.7	0.1	201.9	83.6	285.5
July	115.0	20.9	0.5	14.7	1.2	152.3	101.4	253.7
August	128.0	24.5	0.8	14.6	3.3	171.2	93.0	264.2
September	121.7	20.7	0.1	18.0	0.3	160.8	88.5	249.3
October	119.5	26.2	0.8	16.7	0.0	163.1	105.1	268.3
November	135.7	18.5	0.0	18.3	0.1	172.5	63.0	235.6
December	124.6	23.0	0.2	12.9	0.0	160.8	43.6	204.4
December	(a) See Glossary 1							



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

### 

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

	New houses		hed, row or ter , etc of	,	Flats, unit	s or apartment	s in a building o	of	Total	Total new residential building
Period		One storey	Two or more storeys	Total	One or two storeys	Three storeys	Four or more storeys	Total		
• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • •	NUMBER	OF DWELL	INGS	• • • • • • • •		• • • • • • • • •	
1997-1998	15 828	1 672	324	1 996	166	95	269	530	2 526	18 354
1998-1999	17 490	1 536	692	2 228	58	157	506	721	2 949	20 439
1999-2000	18 653	1 539	649	2 188	716	251	913	1 880	4 068	22 721
1999										
October	1 666	112	52	164	0	6	64	70	234	1 900
November	2 055	146	51	197	137	20	11	168	365	2 420
December	1 734	168	42	210	16	0	13	29	239	1 973
2000										
January	1 403	100	48	148	52	5	44	101	249	1 652
February	1 498	109	41	150	19	25	258	302	452	1 950
March	1 507	93	80	173	16	12	48	76	249	1 756
April	1 093	63	41	104	40	0	134	174	278	1 371
May	1 392	87	60	147	20	68	162	250	397	1 789
June	1 198	122	59	181	310	26	0	336	517	1 715
July	914	95	13	108	3	24	55	82	190	1 104
August	1 010	90	30	120	2	0	89	91	211	1 221
September	981	116	21	137	20	51	0	71	208	1 189
October	937	157	34	191	9	11	59	79	270	1 207
November	1 057	64	21	85	0	6	77	83	168	1 225
December	914	41	24	65	23	0	62	85	150	1 064
••••		• • • • • • • • •	• • • • • • • •	VALU	JE (\$ millio	n)	•••••	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • •
						,				
1997-1998	1 634.3	117.3	31.4	148.7	13.5	10.7	49.2	73.4	222.1	1 856.4
1998-1999	1 912.9	107.7	82.1	189.8	5.7	13.7	89.0	108.4	298.2	2 211.0
1999-2000	2 173.7	122.1	78.3	200.3	62.1	25.5	225.5	313.1	513.4	2 687.2
1999										
October	193.6	8.9	7.2	16.1	0.0	1.3	16.0	17.3	33.4	227.0
November	243.0	11.2	6.1	17.4	13.5	1.6	2.0	17.1	34.4	277.4
December	201.3	13.1	4.6	17.6	1.2	0.0	4.7	5.9	23.5	224.8
2000										
January	169.6	7.5	5.6	13.0	5.1	1.7	5.8	12.6	25.6	195.2
February	167.9	9.6	5.4	15.1	2.5	3.6	80.0	86.1	101.2	269.1
March	189.0	7.9	7.4	15.3	1.2	1.2	6.7	9.0	24.3	213.4
April	128.8	4.7	4.5	9.2	2.8	0.0	30.0	32.8	42.0	170.8
May	172.2	6.5	8.0	14.5	1.4	4.0	48.5	53.8	68.3	240.6
June	140.5	8.2	8.3	16.5	26.8	4.4	0.0	31.2	47.6	188.1
July	115.0	6.7	1.4	8.1	0.3	5.0	7.6	12.8	20.9	135.9
August	128.0	8.0	4.2	12.1	0.2	0.0	12.2	12.4	24.5	152.5
September	121.7	10.1	2.4	12.5	1.8	6.3	0.0	8.2	20.7	142.4
October	119.5	11.4	4.5	15.9	0.6	2.5	7.2	10.3	26.2	145.7
October										
November	135.7	5.7	3.4	9.1	0.0	0.9	8.5	9.4	18.5	154.1

(a) See Glossary for definition.

12 ABS  $\cdot$  BUILDING APPROVALS, WA  $\cdot$  8731.5  $\cdot$  December Quarter 2000



# 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
			ORIGINA	L (\$ million)			• • • • • • • •
L997-1998	1 691.6	225.0	1 915.8	194.2	2 110.0	916.3	3 025.9
L998-1999	1 912.9	298.2	2 211.0	225.0	2 436.1	1 108.2	3 544.2
L999-2000	2 034.2	481.5	2 515.7	228.7	2 744.4	1 171.9	3 916.3
L999							
June	543.6	92.2	636.0	53.3	689.3	209.2	897.8
September	555.3	109.9	665.2	68.5	733.7	346.2	1 079.9
December	601.4	88.0	689.4	60.4	749.8	287.8	1 037.0
2000							
March	476.4	140.8	617.2	50.7	667.9	228.4	896.4
June	401.1	142.8	543.9	49.1	593.0	309.5	902.4
September	303.5	58.0	361.5	44.6	406.0	273.7	679.
	•••••	ORIG	INAL (% change	from preceding quar	ter)		• • • •
1999							
June	22.9	27.7	23.6	-16.8	19.1	-53.1	-12.5
September	2.2	19.2	4.6	28.5	6.4	65.5	20.3
December	8.3	-20.0	3.6	-11.9	2.2	-16.9	-3.9
2000							
March	-20.8	60.0	-10.5	-15.9	-10.9	-20.6	-13.
June	-15.8	1.4	-11.9	-3.3	-11.2	35.5	0.
September	-24.3	-59.4	-33.5	-9.2	-31.5	-11.6	-24.

ABS • BUILDING APPROVALS, WA • 8731.5 • DECEMBER QUARTER 2000 13

(a) Reference year for chain volume measures is1998-99. Refer to Explanatory Notesparagraph 26-27.

(b) Refer to Explanatory Notes paragraph 18.



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

	other sho		Chana		Footoria		0.5		Other bu		Educatio	onal
	accomm		Shops			S			·	S		
Period	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
•••••	•••••	••••	•••••	•••••••••••	фЕО	000-\$199		•••••	•••••	•••••	••••	••••
2000				Val	ue—\$50,	000-9199	,999					
October	3	0.3	28	2.5	9	0.8	17	1.8	15	1.4	9	1.1
November	3	0.4	27	2.8	10	1.0	14	1.6	19	2.0	5	0.8
December	3	0.3	28	2.4	14	1.4	14	1.6	14	1.4	14	1.3
•••••	• • • • • • • •	•••••	•••••	• • • • • • • •	• • • • • • •		• • • • • • •	•••••	••••	•••••	••••	• • • • •
2000				Valu	e—\$200	,000–\$499	9,999					
October	0	0.0	11	3.2	8	2.6	6	1.8	6	1.5	2	0.8
November	1	0.3	8	2.4	8	2.7	13	3.7	8	2.9	0	0.0
December	0	0.0	5	1.3	9	2.9	5	1.2	6	2.0	1	0.3
			• • • • • • •	• • • • • • • •				• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • •
2000				Valu	e—\$500	,000–\$999	9,999					
October	1	0.5	2	1.7	2	1.2	1	0.9	3	1.9	1	0.5
November December	0	0.0 0.0	5 5	3.5 3.5	1 0	0.6 0.0	3	2.3 2.2	4 0	2.4 0.0	2 1	1.0 0.7
					•••••				•••••			••••
				Value-	-\$1,000	,000-\$4,9	99,999					
2000							_					
October	1	1.5	2	5.9	1	3.0	1	3.5	3	6.2	0	0.0
November	2	4.1	2	3.4	1	1.1	2	2.1	2	3.8	2	6.7
December	1	2.5	1	1.0	2	3.9	1	2.0	2	2.5	0	0.0
• • • • • • • • • • • •	•••••	•••••	•••••	Valu	e—\$5.00	00,000 and	d over	•••••	•••••	••••	••••	• • • • •
2000						-,						
October	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	22.8
November	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
December	0	0.0	0	0.0	0	0.0	0	00	0	0.0	1	5.1
• • • • • • • • • • • •	••••	••••	• • • • • • •	• • • • • • • •	Value	e—Total		• • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • •
					value							
1997-1998	99	53.1	445	186.0	287	88.4	283	123.5	398	150.0	128	114.7
1998-1999	90	52.4	489	366.6	271	89.9	274	93.9	396	146.6	126	119.8
1999-2000	106	51.2	548	156.1	292	96.7	302	116.5	338	140.3	182	304.7
2000												
October	5	2.4	43	13.2	20	7.6	25	8.0	27	11.1	13	25.2
November	6	4.7	42	12.2	20	5.3	32	9.7	33	11.2	9	8.5
December	4	2.8	39	8.1	25	8.3	23	7.0	22	6.0	17	7.3



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

	Religious		Health		Entertain recreatio	ment and nal	Miscellane	Miscellaneous		Total non-residential building	
Period	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m	
• • • • • • • • • • • • •	• • • • • • • • •	•••••	•••••	••••••		••••		• • • • • • • • • •	•••••	•••••	
2000				Value—\$5	0,000-\$1	99,999					
October	0	0.0	1	0.2	7	1.2	7	0.6	96	9.	
November	1	0.0	1	0.2	2	0.3	5	0.5	90 87	9. 9.	
December	2	0.2	0	0.0	4	0.3	6	0.5	99	9. 9.	
• • • • • • • • • • • • •		•••••	• • • • • • • •	•••••	•••••	•••••			•••••	•••••	
2000				Value—\$20	00,000-\$4	99,999					
October	2	0.5	1	0.3	0	0.0	0	0.0	36	10.	
November	1	0.5	0	0.0	2	0.4	3	0.8	44	13.	
December	1	0.2	3	0.8	1	0.3	0	0.0	31	9.	
•••••		•••••	•••••	••••••••		• • • • • • • • •		• • • • • • • • • •	•••••	•••••	
2000				Value—\$50	00,000-\$9	99,999					
October	0	0.0	1	0.6	1	0.5	0	0.0	12	7.	
November	0	0.0	0	0.0	3	2.3	0	0.0	18	12.	
December	1	0.5	0	0.0	0	0.0	0	0.0	10	6.	
• • • • • • • • • • • • • •		• • • • • • • • • •	••••••	Value—\$1,00	00,000-\$4	,999,999			• • • • • • • • • •	• • • • • •	
2000											
October	0	0.0	2	5.8	0	0.0	2	2.9	12	28.	
November	0	0.0	0	0.0	0	0.0	2	6.6	13	27.	
December	0	0.0	0	0.0	0	0.0	1	1.3	8	13.	
• • • • • • • • • • • • •	• • • • • • • • •	•••••	•••••	Value—\$5,	000.000 a	and over			• • • • • • • • • •	• • • • • •	
2000											
October	0	0.0	0	0.0	1	10.5	2	14.7	4	48.	
November	0	0.0	0	0.0	0	0.0	0	0.0	0	0.	
December	0	0.0	0	0.0	0	0.0	0	0.0	1	5.	
• • • • • • • • • • • • •			• • • • • • • •	Va	lue—Total	••••			• • • • • • • • • •		
1997-1998	27	8.7	56	72.5	86	65.3	92	37.6	1 901	899.	
1997-1998 1998-1999	16	8.7 9.4	56 70	52.9	86 85	65.3 106.1	92 93	37.6 70.6	1 901	899. 1 108.	
1998-1999 1999-2000	43	22.6	70 75	113.2	85 78	51.4	130	148.1	2 094	1 108. 1 201.	
2000											
October	2	0.5	5	6.9	9	12.2	11	18.2	160	105.	
November	2	0.5	1	0.1	7	3.0	10	7.9	162	63.	
			-		•						



#### VALUE OF NON-RESIDENTIAL BUILDINGS APPROVED

	Hotels, motels and other short				Other				Entertain-		Total non-
Period	term accomm- odation	Shops	Factories	Offices	business premises	Educational	Religious	Health	ment and recreational	Miscell- aneous	residential building
• • • • • • • • • • •	•••••	••••	• • • • • • • •					• • • • • • •	• • • • • • • • • •	•••••	•••••
				PRIV	ATE SECTO	OR (\$ millior	1)				
1997-1998	51.7	185.4	86.4	81.6	142.0	32.0	8.7	58.4	39.4 75.7	21.1	706.7
1998-1999 1999-2000	51.8 50.4	363.7 152.9	86.4 91.0	70.2 78.2	138.8 124.9	51.6 57.0	9.3 22.8	32.5 39.2	75.7 29.8	17.1 20.2	897.5 666.0
<b>1999</b>	3.9	12.1	3.8	7.1	6.9	2.8	3.2	1.8	0.5	2.7	44.8
December 2000	3.9	12.1	3.8	1.1	6.9	2.8	3.2	1.8	0.5	2.1	44.8
January	4.9	6.5	4.6	6.9	10.0	1.1	0.0	4.5	0.1	0.2	38.6
February	3.5	14.6	12.1	11.0	9.8	1.1	0.3	0.3	1.1	0.7	54.3
March April	0.7 3.1	5.1 17.6	9.0 3.8	7.9 7.2	10.4 8.7	1.7 2.5	0.7 7.2	0.2 4.6	1.8 7.2	1.2 1.2	38.9 63.0
May	7.8	11.4	5.8	7.6	0.7 11.3	2.5 15.9	4.1	4.0 1.9	1.6	0.8	68.3
June	5.7	15.2	5.9	4.5	17.7	2.6	0.4	0.5	3.0	1.4	56.7
July	0.5	7.2	9.7	10.9	3.6	11.4	0.8	1.0	2.0	2.9	49.9
August	2.9	55.8	5.9	8.9	4.8	1.5	0.0	2.4	1.6	2.1	86.0
September October	1.2 2.4	30.6 13.2	7.1 7.6	22.0 3.9	13.0 10.9	4.0 23.5	0.5 0.5	0.3 0.7	1.3 1.0	0.1 7.1	80.1 70.7
November	4.7	13.2	5.3	9.2	10.9	4.7	0.5	0.1	1.3	2.4	51.5
December	2.8	8.0	6.0	4.3	6.0	1.3	1.0	0.2	0.6	1.5	31.8
• • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • •									
				PUB	LIC SECTO	R (\$ million	)				
1997-1998	1.4	0.7	2.1	41.7	8.0	82.7	0.0	14.1	25.9	16.7	193.3
1998-1999	0.6	2.9	3.5	23.7	7.8	68.3	0.0	20.4	30.4	53.4	210.7
1999-2000	0.6	3.4	5.8	38.4	15.5	247.6	0.0	74.0	21.6	128.0	535.0
1999											
December	0.0	0.0	0.0	0.7	0.0	10.3	0.0	1.6	0.6	4.2	17.5
2000	0.0	0.0	0.0	1.0	0.4	4.0	0.0	0.4	2.0	0.0	10.7
January February	0.0 0.0	0.0 1.1	0.0 0.1	1.9 0.4	0.4 0.0	4.8 4.6	0.0 0.0	8.4 39.9	3.2 2.0	0.0 0.8	18.7 48.9
March	0.0	1.5	2.5	2.6	1.6	15.8	0.0	1.6	0.0	9.6	35.2
April	0.0	0.0	0.0	0.1	2.2	5.6	0.0	5.6	0.5	10.4	24.5
May	0.0	0.0	0.0	7.7	0.8	15.9	0.0	4.8	0.0	50.3	79.4
June July	0.0 0.0	0.0 0.7	0.0	1.9 1.1	8.0 0.1	1.9 25.4	0.0	6.7 2.1	7.9 20.2	0.5 1.8	26.8 51.5
August	0.2	0.7	0.0 0.0	0.7	0.1	2.0	0.0 0.0	0.9	3.1	0.0	7.0
September	0.0	0.5	0.0	0.7	3.8	1.3	0.0	0.6	1.0	0.4	8.4
October	0.0	0.0	0.0	4.1	0.1	1.7	0.0	6.1	11.2	11.2	34.4
November	0.0	0.0	0.0	0.6	0.0	3.8	0.0		1.7	5.5	11.6
December	0.0	0.1	2.3	2.7	0.0	6.0	0.0	0.6	0.0	0.2	11.8
•••••	•••••	• • • • • • •	• • • • • • • •	• • • • • • •	TOTAL (\$	million)		• • • • • • •		• • • • • • • •	
1997-1998	53.1	186.0	88.6	123.5	149.9	114.6	8.7	72.5	65.1	37.6	899.8
1998-1999 1999-2000	52.4 51.1	366.5 156.2	89.9 96.7	93.8 116.7	146.6 140.3	119.8 304.8	9.3 22.8	52.9 113.3	106.0 51.5	70.4 148.0	1 108.3 1 201.1
1999 December	2.0	10.4	2.0	7.0	6.0	10.0	2.0	2.4	1 1	6.0	60.0
December 2000	3.9	12.1	3.8	7.8	6.9	13.2	3.2	3.4	1.1	6.9	62.3
January	4.9	6.5	4.6	8.8	10.4	5.9		12.9	3.3	0.2	57.3
February	3.5	15.6	12.1	11.4	9.8	5.7	0.3	40.2	3.1	1.5	103.2
March	0.7	6.6	11.5	10.6	12.0	17.4	0.7	1.8	1.8	10.8	74.0
April	3.1	17.6	3.8	7.3	10.9	8.2	7.2	10.3	7.7	11.6	87.5
May	7.8 5.7	11.4 15.2	5.8	15.3	12.1 25.7	31.8	4.1	6.7 7 1	1.6	51.1	147.7
June July	5.7 0.5	15.2 7.9	5.9 9.7	6.4 12.0	25.7 3.8	4.5 36.8	0.4 0.8	7.1 3.0	10.9 22.2	1.8 4.6	83.6 101.4
August	3.2	7.9 55.8	9.7 5.9	9.5	3.8 4.9	3.4	0.0	3.0	4.8	4.0 2.1	93.0
September	1.2	31.1	7.1	22.8	16.8	5.3	0.5	0.9	2.3	0.5	88.5
October	2.4	13.2	7.6	8.0	11.1	25.2	0.5	6.9	12.2	18.2	105.1
November	4.7	12.2	5.3	9.7	11.2	8.5	0.5	0.1	3.0	7.9	63.0
December	2.8	8.1	8.3	7.0	6.0	7.3	1.0	0.8	0.6	1.7	43.6

16 Abs  $\cdot$  building approvals, wa  $\cdot$  8731.5  $\cdot$  december quarter 2000



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

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

Period	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
•••••	•••••		•••••	• • • • • • • • • •	• • • • • • • • • •	••••	• • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • •
				PRIVAT	E SECTOR				
1998-1999	11 951	1 936	14 032	1 313 512	222 359	180 632	1 716 504	708 754	2 425 257
1999-2000	13 050	2 879	16 054	1 526 462	410 429	188 252	2 125 143	444 311	2 569 454
1999									
December 2000	1 322	150	1 506	151 392	16 388	14 997	182 778	35 518	218 295
January	1 024	212	1 242	123 918	22 436	13 666	160 019	29 750	189 769
February	979	414	1 415	109 417	96 688	14 296	220 401	34 994	255 394
March	1 051	143	1 199	134 372	14 780	13 319	162 470	26 448	188 918
April	763	218	982	89 687	38 173	12 385	140 245	43 867	184 112
May	944	347	1 310	116 777	63 769	19 839	200 384	42 879	243 264
June	697	155	852	83 655	16 561	9 046	109 262	26 414	135 676
July	680	177	866	85 846	19 857	10 835	116 538	37 833	154 371
August	743	159	946	95 175 86 970	19 254 15 042	13 085	127 514	76 094 69 253	203 607 184 835
September October	703 672	142 221	862 896	86 970 86 470	15 042 21 196	13 570 13 567	115 582 121 232	69 253 59 050	184 835
November	772	128	903	97 285	21 198 14 699	13 507	121 232	32 333	159 228
December	656	135	791	91 388	21 676	10 182	123 246	24 236	147 481
December	000	100	101	01000	21 010	10 102	120 2 10	21200	111 101
• • • • • • • • • • • • •	• • • • • • • •		• • • • • • • • • •	PUBLI	C SECTOR	• • • • • • • • • • • •			
1009 1000	151	398	549	10 104	26 502	5 222	12 020	145 001	188 959
1998-1999 1999-2000	151 197	554	775	12 124 18 725	26 592 44 618	4 849	43 938 68 191	145 021 389 195	457 386
1999									
December	16	52	72	1 490	4 058	0	5 547	13 124	18 671
2000	10	02	12	1 100	1000	Ũ	0011	10 12 1	10 011
January	11	22	49	937	1 408	517	2 862	6 429	9 291
February	23	17	40	1 620	1 896	0	3 516	45 339	48 855
March	13	42	55	940	3 389	1 285	5 614	15 592	21 206
April	1	39	40	74	2 023	810	2 907	5 057	7 963
May	10	16	26	3 208	1 121	90	4 418	66 184	70 602
June	91	205	296	7 443	16 686	0	24 129	18 534	42 663
July	0	0	6	0	0	550	550	47 471	48 021
August	5	18	34	491	1 751	1 026	3 267	2 048	5 315
September	4	17	21	547	1 518	1 317	3 383	1 152	4 535
October	11	16	28	953	1 561	360	2 874	23 826	26 700
November	14	7	21	1 361	635 480	0	1 996	10 275	12 270
December	9	I	16	600	400	0	1 080	8 121	9 201
			• • • • • • • • • •	T	OTAL	• • • • • • • • • • • • •			
1998-1999	12 102	2 334	14 581	1 325 636	248 950	185 854	1 760 441	853 774	2 614 215
1999-2000	13 247	3 433	16 829	1 545 187	455 047	193 101	2 193 335	833 505	3 026 840
1999			4 ====	4=0					
December	1 338	202	1 578	152 882	20 446	14 997	188 325	48 642	236 967
2000	1 0.25	234	1 291	104 954	23 844	11 100	160 004	26 170	199 060
January February	1 035 1 002	234 431	1 291 1 455	124 854 111 037	23 844 98 584	14 183 14 296	162 881 223 916	36 179 80 333	199 060 304 249
March	1 002 1 064	431 185	1 254	135 312	98 584 18 169	14 298	168 084	42 040	210 124
April	764	257	1 022	89 761	40 196	13 195	143 152	48 924	192 076
May	954	363	1 336	119 985	64 889	19 929	204 803	109 063	313 866
June	788	360	1 148	91 099	33 246	9 046	133 391	44 948	178 339
July	680	177	872	85 846	19 857	11 385	117 088	85 304	202 392
August	748	177	980	95 666	21 004	14 111	130 781	78 142	208 922
September	707	159	883	87 517	16 561	14 887	118 964	70 405	189 369
October	683	237	924	87 423	22 757	13 927	124 107	82 876	206 983
November	786	135	924	98 646	15 334	14 911	128 891	42 608	171 499
December	665	142	807	91 988	22 156	10 182	124 326	32 357	156 682
	(a) Refer	to footnote (a) ir	n Table 12.		(b) Refer to Expla	natory Notes paragr	aph 18.		

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

(b) Refer to Explanatory Notes paragraph 18.



#### BUILDINGS APPROVED IN STATISTICAL AREAS—Dec Qtr 2000

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

	New	New other residential	Total	New	New other residential	Alterations and additions to residential	Total residential	Non- residential	Total
Statistical Area	houses	building	dwellings(a)	 houses	building	buildings(b)	building	building	building
	2 000	F00	2 500	 270 700	67 607	40.024	406 440	011 007	700 047
WESTERN AUSTRALIA Perth (SD)	2 908 2 134	588 514	3 506 2 655	379 788 278 057	67 627 60 246	49 024 39 020	496 440 377 323	211 807 157 841	708 247 535 164
Central Metropolitan (SSD)	115	112	228	35 850	16 698	11 458	64 005	52 369	116 375
Cambridge (T)	13	4	18	4 942	400	3 503	8 844	245	9 089
Claremont (T)	10	0	10	2 438	0	1 031	3 470	5 888	9 357
Cottesloe (T) Mosman Park (T)	4 9	0 0	4 9	1 535 3 988	0	1 918 1 042	3 453 5 030	0 79	3 453 5 109
Nedlands (C)	36	3	39	11 498	318	1 362	13 178	23 931	37 109
Peppermint Grove (S)	2	0	2	771	010	484	1 254	3 400	4 654
Perth (C)–Inner	0	0	0	0	0	88	88	9 482	9 570
Perth (C)–Remainder	8	94	102	4 685	13 413	0	18 098	6 260	24 358
Subiaco (C)	20	11	31	4 479	2 567	766	7 812	2 564	10 376
Vincent (T)	13	0	13	1 514	0	1 264	2 778	520	3 298
East Metropolitan (SSD)	367	15	384	40 370	1 043	5 417	46 830	36 104	82 934
Bassendean (T)	9	3	12	1 475	271	986	2 733	290	3 023
Bayswater (C)	52	10	64	6 731	630	1 247	8 607	3 242	11 849
Kalamunda (S)	44	2	46	5 198	143	617	5 957	2 150	8 108
Mundaring (S) Swan (C)	35 227	0 0	35 227	3 955 23 011	0 0	979 1 588	4 934 24 599	820 29 601	5 754 54 200
North Metropolitan (SSD)	686	297	984	87 563	24 971	8 579	121 113	15 234	136 347
Joondalup (C)–North Joondalup (C)–South	111	106	217	14 672	10 480	514	25 666	2 109	27 775
Stirling (C)–South	35 94	12 20	47 114	7 455 12 842	1 292 1 665	2 439 939	11 187 15 446	1 010 6 248	12 197 21 694
Stirling (C)–Coastal	94 87	20 36	114	12 842	3 710	939 2 484	15 440	0 248 1 161	21 094 20 084
Stirling (C)–South-Eastern	45	9	54	4 651	500	1 077	6 228	1 237	7 466
Wanneroo (C)–North-East	91	0	91	9 690	0	200	9 890	0	9 890
Wanneroo (C)–North-West	154	114	268	17 712	7 325	116	25 152	2 113	27 265
Wanneroo (C)–South	69	0	70	7 811	0	810	8 621	1 356	9 977
South West Metropolitan (SSD)	484	44	530	59 745	13 093	6 897	79 735	25 899	105 634
Cockburn (C)	162	6	168	16 827	593	891	18 312	7 555	25 866
East Fremantle (T)	3	0	3	536	0	753	1 289	0	1 289
Fremantle (C)–Inner Fremantle (C)–Remainder	0 19	0 32	0 51	0 3 272	0 12 000	0 1 287	0 16 559	0 3 806	0 20 365
Kwinana (T)	19 32	0	32	2 912	12 000	265	10 559 3 177	3 800 196	3 373
Melville (C)	110	6	118	20 533	500	3 131	24 164	12 887	37 051
Rockingham (C)	158	0	158	15 666	0	569	16 235	1 455	17 690
South East Metropolitan (SSD)	482	46	529	54 530	4 440	6 669	65 639	28 235	93 874
Armadale (C)	29	0	29	3 488	0	670	4 158	7 211	11 369
Belmont (C)	50	29	79	6 141	2 536	508	9 184	1 731	10 916
Canning (C)	147	0	148	13 924	0	1 981	15 906	8 788	24 694
Gosnells (C) Serpentine–Jarrahdale (S)	145 30	0 0	145 30	14 676 3 564	0 0	580 452	15 255 4 016	4 951 1 500	20 206 5 516
South Perth (C)	36	5	41	7 109	955	2 064	10 128	1 214	11 342
Victoria Park (T)	45	12	57	5 629	949	414	6 992	2 840	9 832
South West (SD)	445	22	468	60 393	2 464	5 353	68 211	19 814	88 025
Dale (SSD)	166	9	176	19 840	676	1 747	22 263	1 968	24 231
Boddington (S)	1	0	1	78	0	114	192	0	192
Mandurah (C)	136	9	146	17 091	676	1 455	19 222	1 758	20 980
Murray (S) Waroona (S)	20 9	0 0	20 9	1 838 833	0 0	98 80	1 936 913	210 0	2 146 913
Preston (SSD)	135	7	142	16 567	1 096	1 518	19 181	6 758	25 940
Bunbury (C)	34	5	39	5 301	860	728	6 889 6 400	1 866	8 755
Capel (S) Collie (S)	48 5	0 2	48 7	5 976 652	0 236	433 20	6 409 908	661 95	7 070 1 003
Dardanup (S)	5 16	2	16	1 468	230	140	908 1 609	95 697	2 305
Donnybrook–Balingup (S)	4	0	4	354	0	51	405	2 400	2 805
Harvey (S)	28	0	28	2 815	0	146	2 961	1 041	4 002



#### BUILDINGS APPROVED IN STATISTICAL AREAS—Dec Qtr 2000 continued

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

Vase (SD)         125         6         131         21 600         692         1 802         24 044         9 056         33 150           Augusta-Margarer River (S)         35         0         35         4 445         0         269         1 512         1 9370         6 806         262 855           Biackwood (SD)         19         0         19         2 386         0         287         2 673         2 032         4 705           Boyup Brook (S)         0	Statistical Area		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
Augusta-Margaret River (S)         35         0         35         1445         0         269         1532         19379         6         906         22625           Blackwood (SSD)         19         0         19         2386         0         227         2732         2032         4705           Boyup Brook (S)         0		405	· · · · · · · · · · · · · · · · · · ·	101	01.000		1 000	04.004	0.050	22.450
Busselon (S)         90         6         96         17 155         692         1 532         1 9 379         6 906         26 285           Blackwood (SSD)         19         0         19         2 386         0         2 673         2 032         4 705           Boyup Brook (S)         0										
Boyup Brook (S)         0	<b>a b c</b>									
Bridgetown-Greenbushes (S)         0 </td <td></td>										
Manipung (S)         15         0         15         2 080         0         256         2 336         330         2 2666           Nannup (S)         4         0         4         0         4         0         2         0         2         0         2         0         2         0         2         0         2         0         1         103         0         1         103         0 <td></td>										
Nannup (S)         4         0         4         306         0         31         337         1.702         2.039           Lower Great Southern (SD)         80         2         82         9.299         234         1.183         10.645         6.062         16.707           Palinup (SSD)         1         0         1         103         0 <th< td=""><td></td><td>0</td><td></td><td>0</td><td>0</td><td></td><td>0</td><td>0</td><td>0</td><td>0</td></th<>		0		0	0		0	0	0	0
Lower Grad Southern (SD)         80         2         82         9 229         234         1 183         10 645         6 062         16 707           Pallinup (SSD)         1         0         1         103         0         15         118         79         198           Broomehill (S)         0<		15	0	15	2 080	0	256	2 336	330	2 666
Palling (SS)         1         0         1         103         0         15         118         79         198           Broomehill (S)         0	Nannup (S)	4	0	4	306	0	31	337	1 702	2 039
Broomehil (S)         0         <		80								
Growangerup (S)         1         0         1         103         0         0         103         0         103         0         103         0         103         103         0         103         115         115         115         115         115         115         115         115         115         115         115         115         116         10527         5983         16509           Modardilling (S)         0 <td>• • •</td> <td>1</td> <td></td> <td>1</td> <td>103</td> <td>0</td> <td>15</td> <td>118</td> <td>79</td> <td>198</td>	• • •	1		1	103	0	15	118	79	198
Jerrarungun (S)         0         0         0         0         0         0         79         79           Katanning (S)         0	Broomehill (S)	0		0	0	0	0	0	0	0
Kataning (S)         0         0         0         0         0         15         15         0         15           Kent (S)         0	Gnowangerup (S)	1	0	1	103	0	0	103	0	103
Kent (S)         0<	Jerramungup (S)	0	0	0	0	0	0	0	79	79
Kojenup (S)         0 <th< td=""><td>Katanning (S)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>15</td><td>15</td><td>0</td><td>15</td></th<>	Katanning (S)	0	0	0	0	0	15	15	0	15
Tanbelup (S)         0 <t< td=""><td>Kent (S)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<>	Kent (S)	0	0	0	0	0	0	0	0	0
Woodanilling (S)         0         0         0         0         0         0         0         0         0           King (SD)         79         2         81         9125         234         1168         10527         5983         16509           Albary (C)-Central         33         2         355         3954         234         533         4721         2768         7488           Albary (C)-Balance         27         0         27         3369         0         272         3641         459         4100           Cranbrook (S)         0 <td< td=""><td>Kojonup (S)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></td<>	Kojonup (S)	0	0	0	0	0	0	0	0	0
King (SSD)       79       2       81       9125       234       1 168       10 527       5 983       16 509         Albany (C)-Central       33       2       35       3 954       234       5 33       4 721       2 768       7 488         Albany (C)-Balance       27       0       27       3 369       0       272       3 641       459       4 100         Crabrook (S)       0<	Tambellup (S)	0	0	0	0	0	0	0	0	0
Albany (C)-Central         33         2         35         3 954         234         533         4 721         2 768         7 488           Albany (C)-Balance         27         0         27         3 369         0         272         3 641         459         4 100           Cranbrook (S)         13         0         13         1 132         0         169         1 301         357         1 657           Plantagenet (S)         6         0         6         670         0         194         864         2 399         3 2 63           Upper Great Southern (SD)         13         2         15         1 248         435         131         1 814         4 362         6 049           Brookton (S)         1         0         1         57         0         11         68         0         68           Dumbleying (S)         0	Woodanilling (S)	0	0	0	0	0	0	0	0	0
Albany (C)-Balance         27         0         27         3 369         0         272         3 641         459         4 100           Cranbrook (S)         0	King (SSD)	79	2	81	9 125	234	1 168	10 527	5 983	16 509
Cranbrook (S)         0         <	Albany (C)–Central	33	2	35	3 954	234	533	4 721	2 768	7 488
Denmark (S)         13         0         13         1 132         0         169         1 301         357         1 657           Plantagenet (S)         6         0         6         6         670         0         194         864         2 399         3 263           Upper Great Southern (SD)         13         2         15         1 248         435         131         1 814         4 362         6 176           Hotiam (SD)         13         2         15         1 248         435         131         1 814         4 262         6 049           Brookton (S)         1         0         1         57         0         11         68         0         688           Dumbleyung (S)         0 </td <td>Albany (C)-Balance</td> <td>27</td> <td>0</td> <td>27</td> <td>3 369</td> <td>0</td> <td>272</td> <td>3 641</td> <td>459</td> <td>4 100</td>	Albany (C)-Balance	27	0	27	3 369	0	272	3 641	459	4 100
Plantagenet (S)         6         0         6         670         0         194         864         2 399         3 263           Upper Great Southern (SD)         13         2         15         1 248         435         131         1 814         4 362         6 176           Hotham (SSD)         13         2         15         1 248         435         131         1 814         4 235         6 049           Brookton (S)         1         0         1         123         0         23         146         230         376           Cuballing (S)         0 </td <td>Cranbrook (S)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	Cranbrook (S)	0	0	0	0	0	0	0	0	0
Upper Great Southern (SD)         13         2         15         1248         435         131         1 814         4 362         6 049           Brookton (S)         1         0         1         123         0         23         146         230         376           Cuballing (S)         1         0         1         57         0         11         68         0         68           Dumbleyung (S)         0	Denmark (S)	13	0	13	1 132	0	169	1 301	357	1 657
Hotham (SSD)132151 2484351311 8144 2356 049Brookton (S)101123023146230376Cuballing (S)1015701168068Dumbleyung (S)00000000Narrogin (T)2021640622263 9454 171Narrogin (S)2021520131650165Pingelly (S)4044160114270427Wagin (S)0000000000Wadering (S)224257435066920692West Arthur (S)0000000000Williams (S)101790079079Lakes (SSD)00000000000Kutin (S)000000000000Lakes (SSD)00000000000000000000000000000000<	Plantagenet (S)	6	0	6	670	0	194	864	2 399	3 263
Hotham (SSD)132151 2484351311 8144 2356 049Brookton (S)101123023146230376Cuballing (S)1015701168068Dumbleyung (S)00000000Narrogin (T)2021640622263 9454 171Narrogin (S)2021520131650165Pingelly (S)4044160114270427Wagin (S)0000000000Wadering (S)224257435066920692West Arthur (S)0000000000Williams (S)101790079079Lakes (SSD)00000000000Kutin (S)000000000000Lakes (SSD)00000000000000000000000000000000<	Upper Great Southern (SD)	13	2	15	1 248	435	131	1 814	4 362	6 176
Cuballing (S)         1         0         1         57         0         11         68         0         68           Dumbleyung (S)         0 <td< td=""><td></td><td>13</td><td>2</td><td>15</td><td>1 248</td><td>435</td><td>131</td><td>1 814</td><td>4 235</td><td>6 049</td></td<>		13	2	15	1 248	435	131	1 814	4 235	6 049
Dumbleyung (S)         0	Brookton (S)	1	0	1	123	0	23	146	230	376
Narrogin (T)         2         0         2         164         0         62         226         3 945         4 171           Narrogin (S)         2         0         2         152         0         13         165         0         165           Pingelly (S)         4         0         4         416         0         11         427         0         427           Wagin (S)         0 <t< td=""><td>Cuballing (S)</td><td>1</td><td>0</td><td>1</td><td>57</td><td>0</td><td>11</td><td>68</td><td>0</td><td>68</td></t<>	Cuballing (S)	1	0	1	57	0	11	68	0	68
Narrogin (T)         2         0         2         164         0         62         226         3 945         4 171           Narrogin (S)         2         0         2         152         0         13         165         0         165           Pingelly (S)         4         0         4         416         0         11         427         0         427           Wagin (S)         0 <t< td=""><td>Dumbleyung (S)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<>	Dumbleyung (S)	0	0	0	0	0	0	0	0	0
Narrogin (S)         2         0         2         152         0         13         165         0         165           Pingelly (S)         4         0         4         416         0         11         427         0         427           Wagin (S)         0 </td <td>Narrogin (T)</td> <td>2</td> <td>0</td> <td>2</td> <td>164</td> <td>0</td> <td>62</td> <td>226</td> <td>3 945</td> <td>4 171</td>	Narrogin (T)	2	0	2	164	0	62	226	3 945	4 171
Pingely (S)4044160114270427Wagin (S)00000000000Wandering (S)22425743506920692West Arthur (S)000001111011Wickepin (S)00000006060Williams (S)101790079079Lakes (SSD)0000000000Kondinin (S)0000000000Kulin (S)00000000000Lake Grace (S)00000000000Moore (SSD)424249880431542010216440Chittering (S)140142092022923221232445Dandaragan (S)80888501019862801264Moora (S)60696705010171981215	-	2	0	2	152	0	13	165	0	165
Wagin (S)         0	-	4	0	4	416	0	11	427	0	427
Wandering (S)         2         2         4         257         435         0         692         0         692           West Arthur (S)         0         0         0         0         0         11         11         0         11           Wickepin (S)         0         0         0         0         0         0         0         60         60           Williams (S)         1         0         1         79         0         0         79         0         79           Lakes (SSD)         0         0         0         0         0         0         0         0         0         0         0         79           Lakes (SSD)         0		0	0	0	0	0	0	0	0	0
West Arthur (S)         0         0         0         0         11         11         0         11           Wickepin (S)         0         0         0         0         0         0         0         60         60           Williams (S)         1         0         1         79         0         0         79         0         79           Lakes (SSD)         0         0         0         0         0         0         0         0         0         0         79           Corrigin (S)         0	0	2	2	4	257	435	0	692	0	692
Wickepin (S)         0         0         0         0         0         0         0         0         60         60           Williams (S)         1         0         1         79         0         0         79         0         79         0         79           Lakes (SSD)         0         0         0         0         0         0         0         0         127         127           Corrigin (S)         0	0	0	0	0	0	0	11	11	0	11
Williams (S)         1         0         1         79         0         0         79         0         79           Lakes (SSD)         0         0         0         0         0         0         0         127         127           Corrigin (S)         0		0	0	0	0	0	0	0	60	60
Corrigin (S)         0 <t< td=""><td></td><td>1</td><td>0</td><td>1</td><td>79</td><td>0</td><td>0</td><td>79</td><td>0</td><td>79</td></t<>		1	0	1	79	0	0	79	0	79
Corrigin (S)         0 <t< td=""><td>Lakes (SSD)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>127</td><td>127</td></t<>	Lakes (SSD)	0	0	0	0	0	0	0	127	127
Kondinin (S)000000000Kulin (S)0000000000Lake Grace (S)00000000000Midlands (SD)850859 66701 02310 6893 28213 971Moore (SSD)420424 98804315 4201 0216 440Chittering (S)140142 09202292 3221232 445Dandaragan (S)80888501019862801 266Gingin (S)140141 0430511 0944201 514Moora (S)6069670501 0171 981 215										
Kulin (S)0000000000Lake Grace (S)00000000000127127Midlands (SD)850859 66701 02310 6893 28213 971Moore (SSD)42042424 98804315 4201 0216 440Chittering (S)140142 09202292 3221232 445Dandaragan (S)80888501019862801 266Gingin (S)140141 0430511 0944201 514Moora (S)6069670501 0171981 215										
Lake Grace (S)0000000127127Midlands (SD)850859 66701 02310 6893 28213 971Moore (SSD)42042424 98804315 4201 0216 440Chittering (S)140142 09202292 3221232 445Dandaragan (S)80888501019862801 266Gingin (S)140141 0430511 0944201 514Moora (S)6069670501 0171981 215										
Moore (SSD)42042498804315542010216440Chittering (S)140142092022923221232445Dandaragan (S)80888501019862801266Gingin (S)14014104305110944201514Moora (S)60696705010171981215										
Moore (SSD)42042498804315542010216440Chittering (S)140142092022923221232445Dandaragan (S)80888501019862801266Gingin (S)14014104305110944201514Moora (S)60696705010171981215	Midlands (SD)	85	0	85	9 667	0	1 023	10 689	3 282	13 971
Chittering (S)140142 09202292 3221232 445Dandaragan (S)80888501019862801 266Gingin (S)140141 0430511 0944201 514Moora (S)6069670501 0171981 215										
Dandaragan (S)80888501019862801 266Gingin (S)140141 0430511 0944201 514Moora (S)6069670501 0171 981 215										
Gingin (S)140141 0430511 0944201 514Moora (S)6069670501 0171981 215	0									
Moora (S) 6 0 6 967 0 50 1 017 198 1 215										
	5									
	Victoria Plains (S)	0	0	0	0	0	0	0	0	0



#### BUILDINGS APPROVED IN STATISTICAL AREA—Dec Qtr 2000 continued

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

Statistical Area	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
Avon (SSD)	40	0	40	4 500	0	503	E 0.00	0 1 2 0	7 168
Beverley (S)	42 4	0 0	42 4	4 526 200	0 0	503 0	5 029 200	2 138 55	7 168 255
Cunderdin (S)	4	0	4	200	0	0	200	0	255
Dalwallinu (S)	0	0	0	0	0	30	30	1 000	1 030
Dowerin (S)	0	0	0	0	0	0	0	0001	001
Goomalling (S)	0	0	0	0	0	0	0	0	0
Koorda (S)	0	0	õ	0	0	0	0	0	0
Northam (T)	4	0	4	562	0	78	640	509	1 149
Northam (S)	10	0	10	1 070	0	37	1 107	71	1 178
Quairading (S)	1	0	1	122	0	169	291	64	356
Tammin (S)	0	0	0	0	0	0	0	0	0
Toodyay (S)	14	0	14	1 506	0	65	1 571	0	1 571
Wongan-Ballidu (S)	0	0	0	0	0	0	0	0	0
Wyalkatchem (S)	1	0	1	289	0	14	303	0	303
York (S)	8	0	8	777	0	110	887	439	1 326
Campion (SSD)	1	0	1	152	0	88	241	123	364
Bruce Rock (S)	1	0	1	152	0	0	152	0	152
Kellerberrin (S)	0	0	0	0	0	36	36	0	36
Merredin (S)	0	0	0	0	0	0	0	0	0
Mount Marshall (S)	0	0	0	0	0	0	0	64	64
Mukinbudin (S)	0	0	0	0	0	0	0	0	0
Narembeen (S)	0	0	0	0	0	53	53	0	53
Nungarin (S)	0	0	0	0	0	0	0	59	59
Trayning (S)	0	0	0	0	0	0	0	0	0
Westonia (S) Yilgarn (S)	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
	07	20	50	2 5 4 0	2 0 7 2	001	7 470	2 000	11.070
South Eastern (SD) Lefroy (SSD)	27 10	<b>32</b> 23	<b>59</b> 33	<b>3 542</b> 1 159	<b>3 073</b> 2 488	<b>861</b> 467	<b>7 476</b> 4 114	<b>3 800</b> 3 594	<b>11 276</b> 7 708
Coolgardie (S)	01	23 0	0	1 159 0	2 488 0	20	4 114 20	3 594 145	165
Kalgoorlie/Boulder (C)	10	23	33	1 159	2 488	447	4 094	3 449	7 543
Laverton (S)	0	0	0	0	2 400	0	+ 004 0	0 445	0
Leonora (S)	Õ	0	0	0	0	0 0	0	ů 0	Ő
Menzies (S)	0	0	0	0	0	0	0	0	0
Ngaanyatjarraku (S)	0	0	0	0	0	0	0	0	0
Johnston (SSD)	17	9	26	2 383	585	394	3 362	206	3 568
Dundas (S)	0	0	0	0	0	0	0	0	0
Esperance (S)	16	9	25	2 343	585	361	3 289	206	3 495
Ravensthorpe (S)	1	0	1	40	0	33	73	0	73
Central (SD)	52	14	67	6 171	938	897	8 005	6 898	14 904
Gascoyne (SSD)	2	0	3	292	0	139	431	412	842
Carnarvon (S)	2	0	3	292	0	69	361	412	773
Exmouth (S)	0	0	0	0	0	70	70	0	70
Shark Bay (S)	0	0	0	0	0	0	0	0	0
Upper Gascoyne (S)	0	0	0	0	0	0	0	0	0
Carnegie (SSD)	5	0	5	798	0	0	798	620	1 418
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)	1	0	1	167	0	0	167	0	167
Murchison (S)	0	0	0	0	0	0	0	0	0
Sandstone (S)	0	0	0	0	0	0	0	0	0
Wiluna (S)	4	0	4	631	0	0	631	569	1 200
Yalgoo (S)	0	0	0	0	0	0	0	51	51

20 ABS  $\cdot$  BUILDING APPROVALS, WA  $\cdot$  8731.5  $\cdot$  December Quarter 2000



#### BUILDINGS APPROVED IN STATISTICAL AREAS—Dec Qtr 2000 continued

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

Statistical Area	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	14	59	5 081	938	758	6 776	5 867	12 644
Carnamah (S)	0	0	0	0	0	0	0	420	420
Chapman Valley (S)	2	0	2	127	0	0	127	0	127
Coorow (S)	0	0	0	0	0	31	31	0	31
Geraldton (C)	7	14	21	938	938	394	2 269	4 926	7 195
Greenough (S)	15	0	15	1 899	0	162	2 061	60	2 121
Irwin (S)	6	0	6	773	0	57	829	93	922
Mingenew (S)	1	0	1	75	0	0	75	0	75
Morawa (S)	0	0	0	0	0	10	10	243	253
Mullewa (S)	0	0	0	0	0	30	30	0	30
Northampton (S)	14	0	14	1 270	0	75	1 344	125	1 469
Perenjori (S)	0	0	0	0	0	0	0	0	0
Three Springs (S)	0	0	0	0	0	0	0	0	0
Pilbara (SD)	31	0	31	4 855	0	243	5 098	1 844	6 942
De Grey (SSD)	11	0	11	918	0	97	1 016	0	1 016
East Pilbara (S)	0	0	0	0	0	0	0	0	0
Port Hedland (T)	11	0	11	918	0	97	1 016	0	1 016
Fortescue (SSD)	20	0	20	3 937	0	146	4 083	1 844	5 926
Ashburton (S)	0	0	0	0	0	20	20	0	20
Roebourne (S)	20	0	20	3 937	0	126	4 063	1844	5 906
Kimberley (SD)	41	2	44	6 626	237	314	7 177	7 906	15 083
Ord (SSD)	7	0	7	1 271	0	58	1 329	50	1 379
Halls Creek (S)	0	0	0	0	0		0	0	0
Wyndham-East Kimberley (S)	7	0	7	1 271	0	58	1 329	50	1 379
Fitzroy (SSD)	34	2	37	5 356	237	256	5 849	7 856	13 704
Broome (S)	19	0	20	3 204	0	205	3 409	6 284	9 692
Derby-West Kimberley (S)	15	2	17	2 152	237	51	2 440	1 572	4 012

(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 18.

INTRODUCTION	<b>1</b> This publication presents monthly details of building work approved.
SCOPE AND COVERAGE	<ul> <li>2 Statistics of building work approved are compiled from:</li> <li>permits issued by local government authorities and other principal certifying authorities;</li> <li>approvals issued by the Rural Housing Authority in areas not subject to building control by local government authorities;</li> <li>contracts let or day labour work authorised by Commonwealth, State, semi-government and local government authorities;</li> <li>major building approvals in areas not subject to normal administrative approval e.g. building on remote mine sites.</li> </ul>
	<ul> <li>3 The scope of the survey comprises the following activities:</li> <li>construction of new buildings;</li> <li>alterations and additions to existing buildings;</li> <li>approved non-structural renovation and refurbishment work;</li> <li>approved installation of integral building fixtures.</li> </ul>
	<ul> <li>4 From July 1990, the statistics include:</li> <li>all approved new residential building valued at \$10,000 or more;</li> <li>approved alterations and additions to residential building valued at \$10,000 or more;</li> <li>all approved non-residential building jobs valued at \$50,000 or more.</li> </ul>
	<b>5</b> Excluded from the statistics is construction activity not defined as building (e.g. roads, bridges, railways, earthworks, etc.). Statistics for this activity can be found in <i>Engineering Construction Activity, Australia</i> (Cat. no. 8762.0).
VALUE DATA	<b>6</b> Statistics on the value of building work approved are derived by aggregating the estimated 'value of building work when completed' as reported on building approval documents provided to local councils or other approval authorities. Conceptually these data should exclude the value of land and landscaping but include site preparation costs. These estimates are usually a reliable indicator of the completed value of 'houses'. However, for 'other residential buildings' and 'non-residential buildings', they can differ significantly from the completed value of the building as final costs and contracts have not been established before council approval is sought and gained.
	<b>7</b> The ABS generally accepts values provided by approving bodies. Every effort is made to ensure data are provided on a consistent basis, however, there may be instances where value reported does not reflect the building completion value. For example, the reported value for most project homes is the contract price, which may include the cost of site preparation and landscaping. In other cases where a builder is contracted to construct a dwelling based on the owner's plans, the value may only be the builder's costs. Some councils do not use the value on approval documents, instead deriving a value based on floor area and type of structure.
	<b>8</b> From July 2000, value data includes the Goods and Services Tax (GST) for residential and non-residential building approvals. The ABS has consulted with councils and other approving authorities to ensure that approval values are reported inclusive of GST.

22 ABS  $\cdot$  BUILDING APPROVALS, WA  $\cdot$  8731.5  $\cdot$  December Quarter 2000

VALUE DATA continued	<ul> <li>9 However, it is not certain that at present the GST is being reflected in all values.</li> <li>In particular, councils that use floor area calculation to derive a value may not have amended their formulae to take account of the GST and other price changes.</li> <li>Where it has been identified by a council or other approving authority that approvals submitted from its jurisdiction are on a GST-exclusive basis, the ABS has made adjustments to the data to ensure that values are consistent with other data collected and are inclusive of GST.</li> </ul>
	<b>10</b> As building work approved before 1 July 2000 attracted GST on that portion of the work not completed by 30 June it is likely, but not certain, that the value reported on approvals documents submitted before 30 June included the GST.
OWNERSHIP	<b>11</b> Building ownership is classified as either public or private sector and is based on the sector of intended owner of the completed building at the time of approval. Residential buildings constructed by private sector builders under government housing authority schemes are classified as public sector when the authority has contracted, or intends to contract, to purchase the building on or before completion.
BUILDING CLASSIFICATIONS	<b>12</b> Building approvals are classified both by the Type of Building (e.g. 'house', 'factory') and by the Type of Work involved (e.g. 'new', 'alterations and additions' and 'conversions'). These classifications are often used in conjunction with each other in this publication and are defined in the Glossary.
	<b>13</b> The Type of Building classification refers to the intended major function of a building. A building which is ancillary to other buildings or forms a part of a group of related buildings is classified to the function of the specific building, not to the function of the group as a whole.
	<b>14</b> 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.
	<b>15</b> An exception to this rule is the treatment of group accommodation buildings. For example, a student accommodation building on a university campus would be classified to Education.
	<b>16</b> In the case of a large multi-function building, which at the time of approval is intended to have more than one purpose (e.g. a hotel/shops/casino project), the ABS endeavours to split the approval details according to each main function.
	<b>17</b> Where this is not possible because separate details cannot be obtained, the building is classified to the predominant function of the building on the basis of the function which represents the highest proportion of the total value of the project.
	<b>18</b> The Type of Work classification refers to the building activity carried out. Conversion jobs are shown separately in tables 5 and 6. However, in other tables they are included within existing categories, as follows: in tables 1, 2, 11 and 12 they are included in the appropriate Type of Building category, and in tables 3, 4, 11 and 12 they are included in the 'Alterations and additions to residential buildings' category.

.....

•••••	• • • • • • • • • • • • • • • • • • • •
SEASONAL ADJUSTMENT	<b>19</b> Seasonal adjustment is a means of removing the estimated effects of seasonal variation from the series so that the effects of other influences can be more clearly recognised.
	<b>20</b> In the seasonal adjustment of series, account has been taken of both normal seasonal factors and 'trading day' effects arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month. Adjustment has also been made for the influence of Easter which may affect the March and April estimates differently.
	<b>21</b> Seasonal adjustment does not remove from the series the effect of irregular or non-seasonal influences (e.g. the approval of large projects or a change in the administrative arrangements of approving authorities).
	<b>22</b> Some of the component series have been seasonally adjusted independently. Therefore, the adjusted components may not add to the adjusted totals.
	<b>23</b> As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's data. The timing of this review may vary and when appropriate will be notified in the 'Data Notes' section of this publication.
TREND ESTIMATES	<b>24</b> Smoothing seasonally adjusted series reduces the impact of the irregular component of the seasonally adjusted series and creates trend estimates. For monthly series, these trend estimates are derived by applying a 13–term Henderson–weighted moving average to all months of the seasonally adjusted series except the last six months. Trend series are created for the last six months by applying surrogates of the Henderson moving average to the seasonally adjusted series. For further information, see <i>Information Paper: A Guide to Interpreting Time Series—Monitoring 'Trends': an Overview</i> (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on Canberra 02 6252 6076.
	<b>25</b> While the smoothing techniques described in paragraph 24 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	<b>26</b> The chain volume measures appearing in this publication are annually re-weighted chain Laspeyres indexes referenced to current price values in a chosen reference year. The reference year will be updated annually in the September publication. While current price estimates reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes. The direct impact of the GST is a price change, and hence is removed from the chain volume estimates.
	<b>27</b> Further information on the nature and concepts of chain volume measures is contained in the ABS publication <i>Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts</i> (Cat. no. 5248.0).
AUSTRALIAN STANDARD GEOGRAPHICAL CLASSIFICATION (ASGC)	<b>28</b> Area statistics are now being classified to the <i>Australian Standard Geographical Classification (ASGC), 2000 Edition</i> (Cat. no. 1216.0), effective from 1 July 2000, and ASGC terminology has been adopted in the presentation of building statistics.

UNPUBLISHED DATA	<b>29</b> The ABS can also provide some unpublished building approvals data. At Statistical Local Area and Collection District, this includes new houses, floor area, material of outer wall, floor and roof. A charge may be made for providing unpublished data.
RELATED PUBLICATIONS	<ul> <li>30 Users may also wish to refer to the following publications:</li> <li>Building Activity, Australia (Cat. no. 8752.0)</li> <li>Building Activity, Australia: Dwelling Unit Commencements (Cat. no. 8750.0)</li> <li>Building Activity, Building Work Done, Australia (Cat. no. 8755.0)</li> <li>Building Activity, Western Australia (Cat. no. 8752.5)</li> <li>Building Approvals, Australia (Cat. no. 8731.0)</li> <li>Engineering Construction Activity, Australia (Cat. no. 8762.0)</li> <li>House Price Indexes: Eight Capital Cities (Cat. no. 6416.0)</li> <li>Housing Finance for Owner Occupation, Australia (Cat. no. 5609.0)</li> <li>Price Index of Materials Used in Building Other than House Building, Six State Capital Cities (Cat. no. 6407.0).</li> <li>Price Index of Materials Used in House Building, Six State Capital Cities (Cat. no. 6408.0)</li> <li>31 While building approvals value series are shown inclusive of GST, this is different to the value series shown in the Building Activity publications (Cat. nos 8752.0, 8752.1 and 8755.0), in which residential work will be published</li> </ul>
	inclusive of GST and non-residential work exclusive of GST. In the <i>Engineering</i> <i>Construction Activity, Australia</i> (Cat. no. 8762.0) all values will exclude GST.
ROUNDING	<b>32</b> When figures have been rounded, discrepancies may occur between sums of the component items and totals.
SYMBOLS AND OTHER USAGES	<ul> <li>n.a. not available</li> <li>n.y.a. not yet available</li> <li>C. City</li> <li>Shire</li> <li>Statistical Division</li> <li>Statistical Subdivison</li> <li>T. Town</li> </ul>

.....

### GLOSSARY

Alterations and additions	Building activity carried out on existing buildings. Includes adding to or diminishing floor area, altering the structural design of a building and affixing rigid components which are integral to the functioning of the building.
Alterations and additions to residential buildings	Alterations and additions carried out on existing residential buildings, which may result in the creation of new dwelling units. See also Explanatory Notes paragraph 18.
Building	A building is a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design is the provision for regular access by persons in order to satisfy its intended use.
Conversion	Building activity which converts a non-residential building to a residential building, e.g. conversion of a warehouse to residential apartments. Conversion is considered to be a special type of alteration, and these jobs have been separately identified as such from the July 1996 reference month, though they have only appeared separately in this publication from the 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 18.
Dwelling unit	A dwelling unit is a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Regardless of whether they are self-contained or not, units within buildings offering institutional care (e.g. hospitals) or temporary accommodation (e.g. motels, hostels and holiday apartments) are not defined as dwelling units. Such units are included in the appropriate category of non-residential building approvals. Dwelling units can be created in one of four ways: through new work to create a residential building; through alteration/addition work to an existing residential building or through conversion of a non-residential building to a residential building.
Educational	Includes schools, colleges, kindergartens, libraries, museums and universities.
Entertainment and recreational	Includes clubs, cinemas, sport and recreation centres.
Factories	Includes paper mills, oil refinery buildings, brickworks and powerhouses.
Flats, units or apartments	Dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell.
Health	Includes hospitals, nursing homes, surgeries, clinics and medical centres.
Hotels, motels and other short term accommodation	Includes hostels, boarding houses, guest houses, and holiday apartment buildings.
House	A house is a detached building primarily used for long term residential purposes. It consists of one dwelling unit. For instance, detached 'granny flats' and detached dwelling units (e.g. caretakers residences) associated with a non-residential building are defined as houses.

## GLOSSARY

Miscellaneous	Includes justice and defence buildings, welfare and charitable homes, prisons and reformatories, maintenance camps, farming and livestock buildings, veterinary clinics, child-minding centres, police stations and public toilets.
New building work	Building activity which will result in the creation of a building which previously did not exist.
New other residential buildings	Building activity which will result in the creation of a residential building other than a house, which previously did not exist.
New residential	Building activity which will result in the creation of any residential building (house or other residential) which previously did not exist.
Non-residential building	A non-residential building is primarily intended for purposes other than long term residential purposes. Note that, on occasions, one or more dwelling units may be created through non-residential building activity. Prior to the May 1998 issue of this publication, they have been included in the 'Conversions, etc.' column in tables showing dwelling units approved. They are now identified separately (e.g. see table 5). However, the value of these dwelling units cannot be separated out from that of the non-residential building which they are part of, therefore the value associated with these remain in the appropriate Non-residential category.
Offices	Includes banks, post offices and council chambers.
Other business premises	Includes warehouses, service stations, transport depots and terminals, electricity substation buildings, telephone exchanges, broadcasting and film studios.
Other dwellings	Includes all dwellings other than houses. They can be created by: the creation of new other residential buildings (e.g. flats); alteration/addition work to an existing residential building; either new or alteration/addition work on a non-residential building; conversion of a non-residential building to a residential building creating more than one dwelling unit.
Other residential building	An other residential building is a building other than a house primarily used for long-term residential purposes. An other residential building contains more than one dwelling unit. Other residential buildings are coded to the following categories: semi-detached, row or terrace house or townhouse with one storey; semi-detached, row or terrace house or townhouse with two or more storeys; flat, unit or apartment in a building of one or two storeys; flat, unit or apartment in a building of three storeys; flat, unit or apartment in a building of four or more storeys; flat, unit or apartment attached to a house; other/number of storeys unknown. The latter two categories are included with the semi-detached, row or terrace house or townhouse with one storey category in table 7 of this publication.
Religious	Includes convents, churches, temples, mosques, monasteries and noviciates.
Residential building	A residential building is a building consisting of one or more dwelling units. Residential buildings can be either houses or other residential buildings.
Semi-detached, row or terrace houses, townhouses	Dwellings having their own private grounds with no other dwellings above or below.
Shops	Includes retail shops, restaurants, taverns and shopping arcades.

# FOR MORE INFORMATION...

INTERNET	<b>www.abs.gov.au</b> the ABS web site is the best place to start for access to summary data from our latest publications, information about the ABS, advice about upcoming releases, our catalogue, and Australia Now—a statistical profile.
LIBRARY	A range of ABS publications is available from public and tertiary libraries Australia-wide. Contact your nearest library to determine whether it has the ABS statistics you require, or visit our web site for a list of libraries.
CPI INFOLINE	For current and historical Consumer Price Index data, call 1902 981 074 (call cost 77c per minute).
DIAL-A-STATISTIC	For the latest figures for National Accounts. Balance of

DIAL-A-STATISTIC For the latest figures for National Accounts, Balance of Payments, Labour Force, Average Weekly Earnings, Estimated Resident Population and the Consumer Price Index call 1900 986 400 (call cost 77c per minute).

#### **INFORMATION SERVICE**

	Data which have been published and can be provided within five minutes are free of charge. Our information consultants can also help you to access the full range of ABS information—ABS user-pays services can be tailored to your needs, time frame and budget. Publications may be purchased. Specialists are on hand to help you with
	analytical or methodological advice.
PHONE	1300 135 070
EMAIL	client.services@abs.gov.au
FAX	1300 135 211
POST	Client Services, ABS, GPO Box 796, Sydney 1041

# WHY NOT SUBSCRIBE?

ABS subscription services provide regular, convenient and prompt deliveries of ABS publications and products as they are released. Email delivery of monthly and quarterly publications is available.

PHONE	1300 366 323
EMAIL	subscriptions@abs.gov.au
FAX	03 9615 7848
POST	Subscription Services, ABS, GPO Box 2796Y, Melbourne 3001

© Commonwealth of Australia 2001

•

8731.5

•

2873150012005

ISSN 0727-2278

RRP \$19.00

Produced by the Australian Bureau of Statistics