



# BUILDING APPROVALS

WESTERN AUSTRALIA

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

## SEPTEMBER KEY FIGURES

	Jul 2000	Aug 2000	Sep 2000
Dwelling units approved			
Original	1 124	1 291	1 207
Seasonally adjusted	1 191	1 159	1 296
Trend	1 334	1 266	1 219
.....			
	% change Jun 2000 to Jul 2000	% change Jul 2000 to Aug 2000	% change Aug 2000 to Sep 2000
Dwelling units approved			
Original	-34.5	14.9	-6.5
Seasonally adjusted	-27.0	-2.7	11.8
Trend	-5.8	-5.1	-3.7

## SEPTEMBER KEY POINTS

### TREND ESTIMATES

- The trend for total dwelling units approved has fallen over the last ten months to 1,219 in September 2000. This is 42.5% lower than the November 1999 high of 2,121.
- The trend for private sector house approvals fell by 2.5% in September 2000.

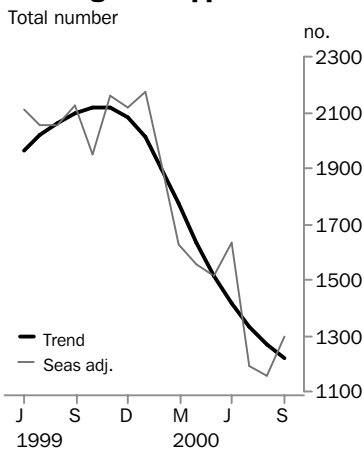
### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for total dwellings has increased 11.8% to 1,296 in September 2000 following decreases of 27.0% and 2.7% in July and August respectively.
- The seasonally adjusted estimate for private sector houses has risen 12.1% in September 2000, after a decline in this series over the last nine months.

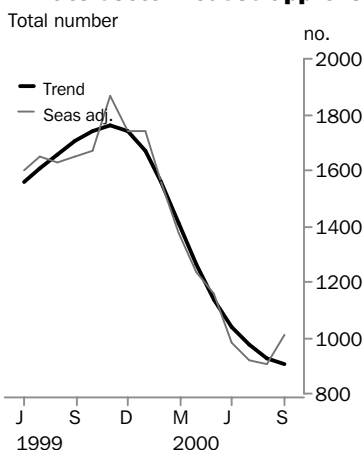
### ORIGINAL ESTIMATES

- In original terms, the number of dwellings approved over the September 2000 quarter has fallen 26.1% (to 3,622) since the June 2000 quarter.
- The total value of building work approved for the September 2000 quarter was \$771.2 million, down 20.7% from the previous quarter (or \$972.2 million).

### Dwelling units approved



### Private sector houses approved



- For further information about these and related statistics, contact Andrea Woods on Adelaide 08 8237 7350 or the National Information Service on 1300 135 070.

# NOTES

## FORTHCOMING ISSUES

ISSUE	RELEASE DATE
December 2000	8 February 2001
March 2001	11 May 2001

## CHANGES IN THIS ISSUE

Improvements have been made to the price indexes used to derive volume estimates of building activity, resulting in revisions to the growth rates in this issue.

In addition, quarterly chain volume data incorporate a new base year, 1998-99, which has resulted in revisions to growth rates, small in most cases, for the latest year. Also the reference year has been advanced to 1998-99, which has resulted in revisions to levels, but not growth rates, for all periods (see paragraph 20 of the Explanatory Notes).

Area statistics are now classified to the Australian Standard Geographical Classification, 2000 Edition (see paragraph 22 of the Explanatory Notes).

## DATA NOTES

ABS statistical series are being impacted to varying degrees as a result of The New Tax System (TNTS), introduced from 1 July 2000. TNTS included the removal of Wholesale Sales Tax (WST) and the introduction of the Goods and Services Tax (GST). In this publication, and in future issues, value series from July 2000 for both residential and non-residential building approved will be on a GST inclusive basis.

Users should exercise caution when analysing movements in the value series in the period around the introduction of TNTS, as they may have been affected in a number of ways, including:

- changing patterns of demand and price changes brought about by the "bringing forward" of building activity prior to 1 July 2000;
- the introduction of the GST and the abolition of the WST; and
- the uncertainty as to whether approval values reported prior to July 2000 included or excluded GST.

For further information, see the technical note in the July and August issues of *Building Approvals, Australia* (Cat. no. 8731.0)

## REVISIONS THIS MONTH

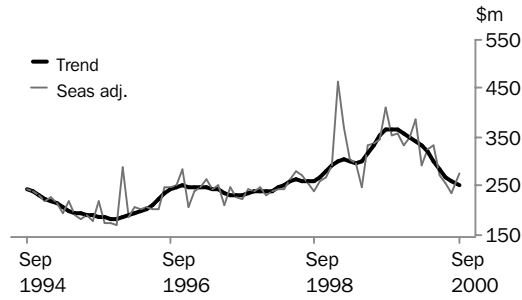
There are no revisions this month.

Colin Nagle  
Regional Director, Western Australia

# VALUE OF BUILDINGS APPROVED

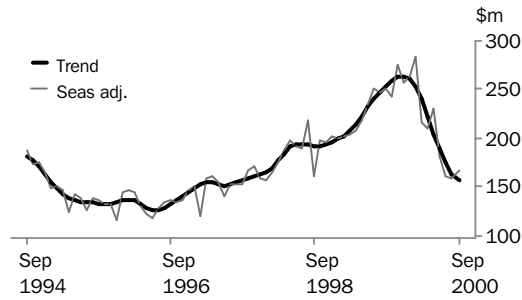
## VALUE OF TOTAL BUILDING

The trend for the value of total building work approved has fallen for the past eleven consecutive months, by a total of 31.2%, however the rate of decline has eased over the last three months.



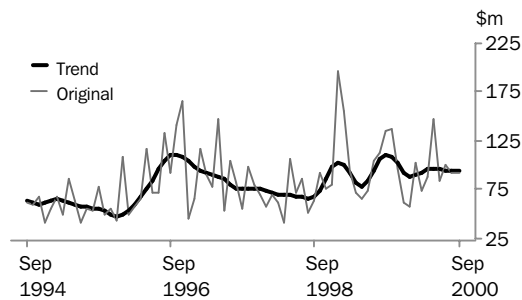
## VALUE OF RESIDENTIAL BUILDING

The trend for the value of residential building continues to decline from its peak in December 1999.



## VALUE OF NON-RESIDENTIAL BUILDING

The trend for the value of non-residential building has increased 0.9% in September 2000.



# DWELLINGS APPROVED: 1999 – 2000

## TYPE OF DWELLING

The number of dwelling units approved in Western Australia during 1999–2000 is shown in the table below, for each type of category, together with the distribution of each dwelling category as a percentage of total dwelling units approved for 1998–1999 and 1999–2000.

### DWELLING UNITS BY TYPE

<i>Type of dwelling</i>	<i>Number of units</i>	<i>1998–1999 % of total dwellings</i>	<i>1999–2000 % of total dwellings</i>
<b>New residential</b>			
Houses	18 653	84.8	81.6
<b>Other residential building</b>			
Semi-detached, row or terrace houses, townhouses etc of:			
1 storey	1 539	7.5	6.7
2 or more storeys	649	3.4	2.8
<i>Total</i>	2 188	10.8	9.6
Flats, units, apartments in a building of:			
1 or 2 storeys	716	0.3	3.1
3 storeys	251	0.8	1.1
4 or more storeys	849	2.5	3.7
<i>Total</i>	1 816	3.5	7.9
<i>Total other residential building</i>	4 004	14.3	17.5
<b>Other</b>			
Alterations and additions to residential building			
Conversions	97	0.2	0.4
Non-residential building	51	0.5	0.2
Non-residential building	47	0.2	0.2
<b>Total building</b>	<b>22 852</b>	<b>100.0</b>	<b>100.0</b>

## SUMMARY COMMENT

The number of dwellings approved has risen 10.9% (or 2,238) in 1999-2000. While both houses and other residential buildings have contributed to the rise, there has been a shift in the proportion of each category approved, with a higher proportion of other residential buildings.

# WHAT IF...? REVISIONS TO TREND ESTIMATES

## EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

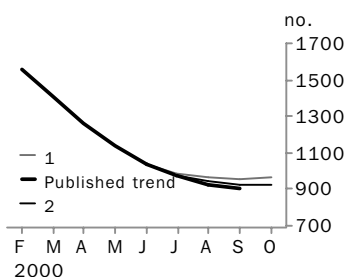
Readers should exercise care when interpreting trend estimates. The last six trend estimates, in particular, are likely to be revised when new seasonally adjusted estimates become available.

### TREND REVISIONS

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

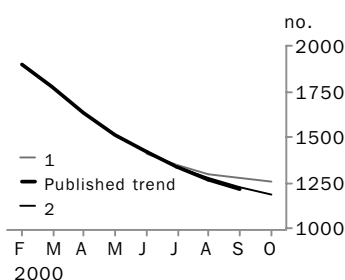
The graphs and tables which follow present the effect of two possible scenarios on the previous trend estimates: that the October seasonally adjusted estimate is higher than the September estimate by 6% for the number of private sector houses approved and 7% for total dwelling units approved; and that the October seasonally adjusted estimate is lower than the September 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



	TREND AS PUBLISHED		WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE:			
	no.	% change	<b>1</b> <i>rises by 6% on Sep 2000</i>		<b>2</b> <i>falls by 6% on Sep 2000</i>	
	no.	% change	no.	% change	no.	% change
May 2000	1 134	-10.0	1 123	-10.5	1 127	-10.3
June 2000	1 040	-8.3	1 034	-7.9	1 036	-8.0
July 2000	972	-6.5	985	-4.8	980	-5.5
August 2000	926	-4.7	962	-2.3	945	-3.5
September 2000	903	-2.5	958	-0.4	926	-2.0
October 2000	n.y.a.	n.y.a.	970	1.2	921	-0.5

### TOTAL DWELLING UNITS



	TREND AS PUBLISHED		WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE:			
	no.	% change	<b>1</b> <i>rises by 7% on Sep 2000</i>		<b>2</b> <i>falls by 7% on Sep 2000</i>	
	no.	% change	no.	% change	no.	% change
May 2000	1 513	-7.4	1 502	-7.8	1 508	-7.6
June 2000	1 416	-6.4	1 411	-6.1	1 414	-6.3
July 2000	1 334	-5.8	1 348	-4.5	1 340	-5.3
August 2000	1 266	-5.1	1 301	-3.5	1 274	-4.9
September 2000	1 219	-3.7	1 271	-2.3	1 221	-4.2
October 2000	n.y.a.	n.y.a.	1 256	-1.2	1 180	-3.4

## DWELLING UNITS APPROVED

Month	HOUSES.....		OTHER DWELLINGS.....		TOTAL DWELLING UNITS	
	Private sector	Total	Private sector	Total	Private sector	Total
	no.	no.	no.	no.	no.	no.
ORIGINAL						
<b>1999</b>						
July	1 705	1 706	351	356	2 056	2 062
August	1 756	1 773	283	324	2 039	2 097
September	1 615	1 629	319	456	1 934	2 085
October	1 655	1 669	144	173	1 799	1 842
November	2 031	2 058	371	377	2 402	2 435
December	1 712	1 734	207	280	1 919	2 014
<b>2000</b>						
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
SEASONALLY ADJUSTED						
<b>1999</b>						
July	1 652	1 653	n.a.	n.a.	2 049	2 055
August	1 630	1 646	n.a.	n.a.	2 000	2 057
September	1 647	1 664	n.a.	n.a.	1 969	2 123
October	1 673	1 699	n.a.	n.a.	1 897	1 952
November	1 865	1 891	n.a.	n.a.	2 131	2 163
December	1 743	1 769	n.a.	n.a.	2 021	2 120
<b>2000</b>						
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
TREND ESTIMATES						
<b>1999</b>						
July	1 605	1 616	324	405	1 929	2 021
August	1 653	1 667	320	395	1 973	2 062
September	1 702	1 720	311	375	2 013	2 095
October	1 742	1 764	303	355	2 045	2 119
November	1 758	1 784	292	337	2 050	2 121
December	1 737	1 767	279	317	2 016	2 084
<b>2000</b>						
January	1 671	1 703	273	308	1 944	2 011
February	1 558	1 593	267	310	1 825	1 903
March	1 410	1 446	262	325	1 672	1 771
April	1 260	1 296	252	338	1 512	1 634
May	1 134	1 168	244	345	1 378	1 513
June	1 040	1 071	239	345	1 279	1 416
July	972	999	234	335	1 206	1 334
August	926	950	228	316	1 154	1 266
September	903	925	223	294	1 126	1 219

## 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>1999</b>						
July	1.4	-5.6	-18.6	-42.9	-2.7	-15.2
August	3.0	3.9	-19.4	-9.0	-0.8	1.7
September	-8.0	-8.1	12.7	40.7	-5.1	-0.6
October	2.5	2.5	-54.9	-62.1	-7.0	-11.7
November	22.7	23.3	157.6	117.9	33.5	32.2
December	-15.7	-15.7	-44.2	-25.7	-20.1	-17.3
<b>2000</b>						
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
SEASONALLY ADJUSTED (% change from preceding month)						
<b>1999</b>						
July	3.3	0.8	n.a.	n.a.	9.2	-2.7
August	-1.3	-0.4	n.a.	n.a.	-2.4	0.1
September	1.0	1.1	n.a.	n.a.	-1.6	3.2
October	1.6	2.1	n.a.	n.a.	-3.7	-8.0
November	11.5	11.3	n.a.	n.a.	12.3	10.8
December	-6.6	-6.5	n.a.	n.a.	-5.2	-2.0
<b>2000</b>						
January	0.0	0.2	n.a.	n.a.	4.1	2.5
February	-10.7	-10.0	n.a.	n.a.	-11.9	-11.4
March	-11.6	-11.6	n.a.	n.a.	-17.4	-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
TREND ESTIMATES (% change from preceding month)						
<b>1999</b>						
July	2.9	3.1	2.9	2.8	2.9	3.0
August	3.0	3.2	-1.2	-2.5	2.3	2.1
September	2.9	3.2	-2.8	-5.1	2.0	1.6
October	2.3	2.6	-2.6	-5.3	1.6	1.1
November	0.9	1.1	-3.6	-5.1	0.2	0.1
December	-1.2	-1.0	-4.5	-5.9	-1.7	-1.7
<b>2000</b>						
January	-3.8	-3.6	-2.2	-2.8	-3.6	-3.5
February	-6.8	-6.5	-2.2	0.6	-6.1	-5.3
March	-9.5	-9.2	-1.9	4.8	-8.4	-6.9
April	-10.7	-10.4	-3.8	4.0	-9.6	-7.8
May	-10.0	-9.9	-3.2	2.1	-8.9	-7.4
June	-8.3	-8.3	-2.0	0.0	-7.2	-6.4
July	-6.5	-6.7	-2.1	-2.9	-5.7	-5.8
August	-4.7	-4.9	-2.6	-5.7	-4.3	-5.1
September	-2.5	-2.6	-2.2	-7.0	-2.4	-3.7

## 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>1999</b>					
July	230.2	26.3	256.4	104.6	361.0
August	221.7	25.1	246.9	113.4	360.3
September	228.9	18.6	247.5	134.8	382.2
October	211.0	19.5	230.5	137.0	367.4
November	277.4	26.4	303.8	95.7	399.5
December	224.8	18.1	243.0	62.3	305.2
<b>2000</b>					
January	195.2	16.6	211.8	57.3	269.2
February	269.1	20.2	289.3	103.2	392.5
March	213.4	19.3	232.7	74.0	306.7
April	170.8	15.6	186.4	87.5	273.8
May	240.6	24.6	265.2	147.7	412.9
June	188.1	13.8	201.9	83.6	285.5
July	135.9	16.4	152.3	101.4	253.7
August	152.5	18.7	171.2	93.0	264.3
September	142.4	18.4	160.8	92.4	253.2
SEASONALLY ADJUSTED					
<b>1999</b>					
July	227.7	24.1	251.8	n.a.	336.5
August	222.3	23.7	246.0	n.a.	347.4
September	230.7	20.3	251.0	n.a.	411.4
October	225.9	17.7	243.6	n.a.	352.1
November	249.8	24.9	274.7	n.a.	360.2
December	239.4	18.6	258.0	n.a.	334.3
<b>2000</b>					
January	245.4	18.0	263.4	n.a.	351.7
February	265.5	18.9	284.3	n.a.	385.7
March	199.3	16.9	216.3	n.a.	294.2
April	192.4	18.2	210.6	n.a.	323.6
May	205.2	25.4	230.6	n.a.	331.8
June	166.4	15.9	182.4	n.a.	273.5
July	145.3	15.4	160.7	n.a.	257.7
August	141.4	17.8	159.2	n.a.	236.8
September	147.9	18.8	166.7	n.a.	275.7
TREND ESTIMATES					
<b>1999</b>					
July	219.1	21.6	240.7	94.9	335.6
August	225.5	21.7	247.3	106.0	353.3
September	231.6	21.6	253.2	111.2	364.4
October	237.8	21.1	258.9	109.4	368.3
November	242.6	20.3	262.8	101.7	364.5
December	244.7	19.4	264.1	93.3	357.4
<b>2000</b>					
January	242.7	19.0	261.6	89.0	350.6
February	235.0	18.9	253.9	89.4	343.3
March	221.4	18.9	240.3	93.1	333.4
April	204.0	18.9	222.9	96.6	319.5
May	186.2	18.8	205.0	97.0	302.0
June	170.3	18.5	188.8	95.9	284.7
July	157.1	18.1	175.2	95.0	270.2
August	146.2	17.8	164.0	94.6	258.5
September	140.6	17.6	158.1	95.4	253.5

(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>1999</b>					
July	-10.5	55.5	-6.5	40.9	3.6
August	-3.7	-4.2	-3.7	8.5	-0.2
September	3.2	-25.9	0.3	18.8	6.1
October	-7.8	4.6	-6.9	1.6	-3.9
November	31.5	35.6	31.8	-30.1	8.7
December	-18.9	-31.4	-20.0	-35.0	-23.6
<b>2000</b>					
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	-8.2	4.2
September	-6.6	-1.6	-6.1	-0.7	-4.2
SEASONALLY ADJUSTED (% change from preceding month)					
<b>1999</b>					
July	5.4	26.1	7.0	n.a.	0.7
August	-2.4	-1.9	-2.3	n.a.	3.3
September	3.8	-14.3	2.0	n.a.	18.4
October	-2.1	-12.6	-2.9	n.a.	-14.4
November	10.6	40.2	12.7	n.a.	2.3
December	-4.2	-25.4	-6.1	n.a.	-7.2
<b>2000</b>					
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.	16.4
TREND ESTIMATES (% change from preceding month)					
<b>1999</b>					
July	4.0	1.3	3.7	13.7	6.4
August	3.0	0.5	2.7	11.7	5.3
September	2.7	-0.7	2.4	4.9	3.2
October	2.7	-2.0	2.3	-1.7	1.1
November	2.0	-4.2	1.5	-7.1	-1.0
December	0.9	-4.2	0.5	-8.3	-2.0
<b>2000</b>					
January	-0.8	-2.2	-0.9	-4.6	-1.9
February	-3.2	-0.3	-3.0	0.5	-2.1
March	-5.8	0.0	-5.3	4.1	-2.9
April	-7.9	-0.3	-7.3	3.7	-4.2
May	-8.7	-0.4	-8.0	0.4	-5.5
June	-8.5	-1.4	-7.9	-1.1	-5.7
July	-7.7	-2.2	-7.2	-1.0	-5.1
August	-6.9	-2.0	-6.4	-0.5	-4.3
September	-3.9	-1.0	-3.6	0.9	-1.9

(a) Refer to Explanatory Notes paragraph 12.

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

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Conversion(a)</i>	<i>Non-residential building(a)</i>	<i>Total dwelling units</i>
PRIVATE SECTOR (Number)						
<b>1997-1998</b>	14 960	2 026	45	21	40	17 092
<b>1998-1999</b>	17 048	2 313	31	101	36	19 529
<b>1999-2000</b>	18 261	3 204	61	51	43	21 620
<b>1999</b>						
September	1 615	314	1	0	4	1 934
October	1 652	141	5	0	1	1 799
November	2 028	363	8	0	3	2 402
December	1 712	171	14	7	15	1 919
<b>2000</b>						
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
PUBLIC SECTOR (Number)						
<b>1997-1998</b>	868	500	0	0	0	1 368
<b>1998-1999</b>	442	636	7	0	0	1 085
<b>1999-2000</b>	392	800	36	0	4	1 232
<b>1999</b>						
September	14	137	0	0	0	151
October	14	29	0	0	0	43
November	27	2	4	0	0	33
December	22	68	1	0	4	95
<b>2000</b>						
January	19	22	16	0	0	57
February	40	32	0	0	0	72
March	31	56	6	0	0	93
April	22	41	0	0	0	63
May	29	38	0	0	0	67
June	156	338	0	0	0	494
July	9	11	6	0	0	26
August	7	40	11	0	0	58
September	26	38	0	0	0	64
TOTAL (Number)						
<b>1997-1998</b>	15 828	2 526	45	21	40	18 460
<b>1998-1999</b>	17 490	2 949	38	101	36	20 614
<b>1999-2000</b>	18 653	4 004	97	51	47	22 852
<b>1999</b>						
September	1 629	451	1	0	4	2 085
October	1 666	170	5	0	1	1 842
November	2 055	365	12	0	3	2 435
December	1 734	239	15	7	19	2 014
<b>2000</b>						
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

(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>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>	1 865.9	253.1	1.8	208.5	8.7	2 338.2	897.5	3 235.8
<b>1999-2000</b>	2 130.4	430.3	5.8	219.1	13.0	2 798.5	666.0	3 464.7
<b>1999</b>								
September	184.6	30.6	0.1	18.5	0.0	233.8	60.2	294.0
October	192.0	15.3	0.6	18.5	0.0	226.4	71.5	297.9
November	239.7	33.9	0.7	25.1	0.0	299.4	48.8	348.2
December	199.2	18.1	1.5	15.2	1.3	235.2	44.8	280.0
<b>2000</b>								
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	19.2	0.5	17.0	0.0	222.6	38.9	261.5
April	125.8	39.9	0.2	14.6	0.0	180.4	63.0	243.5
May	166.1	65.1	0.1	20.2	4.3	255.8	68.3	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	20.7	0.6	13.7	3.3	165.4	86.1	251.5
September	117.6	17.2	0.1	16.7	0.3	151.9	84.0	235.9
PUBLIC SECTOR (\$ million)								
<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>1999-2000</b>	43.3	67.1	1.6	4.7	0.0	116.6	535.0	651.4
<b>1999</b>								
September	1.2	12.5	0.0	0.0	0.0	13.7	74.6	88.2
October	1.6	2.1	0.0	0.4	0.0	4.1	65.4	69.5
November	3.3	0.6	0.2	0.4	0.0	4.4	46.9	51.3
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
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
TOTAL (\$ million)								
<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>	1 912.9	298.3	2.3	214.1	8.7	2 436.0	1 108.3	3 544.3
<b>1999-2000</b>	2 173.7	497.2	7.4	224.0	13.0	2 915.4	1 201.1	4 116.2
<b>1999</b>								
September	185.7	43.1	0.1	18.5	0.0	247.5	134.8	382.2
October	193.6	17.4	0.6	18.9	0.0	230.5	137.0	367.4
November	243.0	34.4	0.9	25.5	0.0	303.8	95.7	399.5
December	201.3	23.5	1.6	15.3	1.3	243.0	62.3	305.2
<b>2000</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	264.3
September	121.7	20.7	0.1	18.0	0.3	160.8	92.4	253.2

(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>1997-1998</b>	15 828	1 672	324	1 996	166	95	269	530	2 526	<b>18 354</b>
<b>1998-1999</b>	17 490	1 536	692	2 228	58	157	506	721	2 949	<b>20 439</b>
<b>1999-2000</b>	18 653	1 539	649	2 188	716	251	849	1 816	4 004	<b>22 657</b>
<b>1999</b>										
July	1 705	58	85	143	21	81	100	202	345	<b>2 050</b>
August	1 773	182	26	208	60	0	24	84	292	<b>2 065</b>
September	1 629	299	64	363	25	8	55	88	451	<b>2 080</b>
October	1 666	112	52	164	0	6	0	6	170	<b>1 836</b>
November	2 055	146	51	197	137	20	11	168	365	<b>2 420</b>
December	1 734	168	42	210	16	0	13	29	239	<b>1 973</b>
<b>2000</b>										
January	1 403	100	48	148	52	5	44	101	249	<b>1 652</b>
February	1 498	109	41	150	19	25	258	302	452	<b>1 950</b>
March	1 507	93	80	173	16	12	48	76	249	<b>1 756</b>
April	1 093	63	41	104	40	0	134	174	278	<b>1 371</b>
May	1 392	87	60	147	20	68	162	250	397	<b>1 789</b>
June	1 198	122	59	181	310	26	0	336	517	<b>1 715</b>
July	914	95	13	108	3	24	55	82	190	<b>1 104</b>
August	1 010	90	30	120	2	0	89	91	211	<b>1 221</b>
September	981	116	21	137	20	51	0	71	208	<b>1 189</b>
VALUE (\$ million)										
<b>1997-1998</b>	1 634.3	117.3	31.4	148.7	13.5	10.7	49.2	73.4	222.1	<b>1 856.4</b>
<b>1998-1999</b>	1 912.9	107.7	82.1	189.8	5.7	13.7	89.0	108.4	298.2	<b>2 211.0</b>
<b>1999-2000</b>	2 173.7	122.1	78.3	200.3	62.1	25.5	209.5	297.1	497.4	<b>2 671.2</b>
<b>1999</b>										
July	187.3	5.1	11.1	16.3	2.8	6.7	17.2	26.7	42.9	<b>230.2</b>
August	194.8	13.5	3.2	16.7	3.3	0.0	6.9	10.2	26.9	<b>221.7</b>
September	185.7	25.9	6.8	32.7	1.6	1.0	7.8	10.4	43.1	<b>228.9</b>
October	193.6	8.9	7.2	16.1	0.0	1.3	0.0	1.3	17.4	<b>211.0</b>
November	243.0	11.2	6.1	17.4	13.5	1.6	2.0	17.1	34.4	<b>277.4</b>
December	201.3	13.1	4.6	17.6	1.2	0.0	4.7	5.9	23.5	<b>224.8</b>
<b>2000</b>										
January	169.6	7.5	5.6	13.0	5.1	1.7	5.8	12.6	25.6	<b>195.2</b>
February	167.9	9.6	5.4	15.1	2.5	3.6	80.0	86.1	101.2	<b>269.1</b>
March	189.0	7.9	7.4	15.3	1.2	1.2	6.7	9.0	24.3	<b>213.4</b>
April	128.8	4.7	4.5	9.2	2.8	0.0	30.0	32.8	42.0	<b>170.8</b>
May	172.2	6.5	8.0	14.5	1.4	4.0	48.5	53.8	68.3	<b>240.6</b>
June	140.5	8.2	8.3	16.5	26.8	4.4	0.0	31.2	47.6	<b>188.1</b>
July	115.0	6.7	1.4	8.1	0.3	5.0	7.6	12.8	20.9	<b>135.9</b>
August	128.0	8.0	4.2	12.1	0.2	0.0	12.2	12.4	24.5	<b>152.5</b>
September	121.7	10.1	2.4	12.5	1.8	6.3	0.0	8.2	20.7	<b>142.4</b>

(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>1997-1998</b>	1 691.6	225.8	1 916.8	194.2	2 111.0	917.5	<b>3 028.2</b>
<b>1998-1999</b>	1 912.9	298.2	2 211.0	225.0	2 436.1	1 108.2	<b>3 544.2</b>
<b>1999-2000</b>	2 034.2	476.1	2 510.3	228.7	2 738.9	1 165.9	<b>3 904.8</b>
<b>1999</b>							
March	442.3	72.3	514.7	64.1	578.7	445.5	<b>1 025.8</b>
June	543.6	91.6	635.3	53.3	688.6	209.1	<b>897.0</b>
September	555.3	109.3	664.6	68.5	733.1	346.0	<b>1 079.1</b>
December	601.4	72.3	673.7	60.4	734.1	287.3	<b>1 021.3</b>
<b>2000</b>							
March	476.4	144.5	620.8	50.7	671.6	226.9	<b>898.4</b>
June	401.1	150.0	551.1	49.1	600.2	305.8	<b>906.0</b>
ORIGINAL (% change from preceding quarter)							
<b>1999</b>							
March	-5.3	4.6	-4.0	13.0	-2.3	78.1	<b>21.8</b>
June	22.9	26.6	23.4	-16.8	19.0	-53.1	<b>-12.6</b>
September	2.2	19.4	4.6	28.5	6.5	65.4	<b>20.3</b>
December	8.3	-33.9	1.4	-11.9	0.1	-17.0	<b>-5.4</b>
<b>2000</b>							
March	-20.8	99.8	-7.8	-15.9	-8.5	-21.0	<b>-12.0</b>
June	-15.8	3.8	-11.2	-3.3	-10.6	34.8	<b>0.8</b>

(a) Reference year for chain volume measures is 1998-99. Refer to Explanatory Notes paragraph 20-21.

(a) 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>		Shops.....		Factories.....		Offices.....		<i>Other business premises.....</i>		<i>Educational.....</i>	
	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
Value—\$50,000—\$199,999												
<b>2000</b>												
July	2	0.2	39	4.0	10	1.3	19	1.9	9	0.8	2	0.2
August	7	0.6	42	3.9	14	1.6	15	1.7	15	1.6	2	0.2
September	45	4.5	43	3.8	10	1.3	16	1.7	11	1.3	4	0.6
Value—\$200,000—\$499,999												
<b>2000</b>												
July	1	0.3	5	1.4	3	1.2	6	1.6	3	0.7	5	1.5
August	1	0.2	14	3.5	7	1.6	11	3.8	5	1.4	3	1.3
September	2	0.6	5	1.4	4	1.5	4	1.4	6	2.0	3	1.0
Value—\$500,000—\$999,999												
<b>2000</b>												
July	0	0.0	4	2.6	3	1.9	1	0.6	3	2.2	2	1.1
August	1	0.8	4	2.3	4	2.7	0	0.0	1	0.8	3	1.9
September	0	0.0	5	3.2	0	0.0	1	0.5	2	1.4	3	2.2
Value—\$1,000,000—\$4,999,999												
<b>2000</b>												
July	0	0.0	0	0.0	2	5.3	2	2.9	0	0.0	5	9.4
August	1	1.6	0	0.0	0	0.0	2	4.0	1	1.1	0	0.0
September	0	0.0	5	9.4	1	4.3	1	1.2	5	12.2	1	1.4
Value—\$5,000,000 and over												
<b>2000</b>												
July	0	0.0	0	0.0	0	0.0	1	5.0	0	0.0	1	24.7
August	0	0.0	3	46.2	0	0.0	0	0.0	0	0.0	0	0.0
September	0	0.0	1	13.4	0	0.0	1	18.0	0	0.0	0	0.0
Value—Total												
<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	489	366.6	271	89.9	274	93.9	396	146.6	126	119.8
<b>1999-2000</b>	106	51.2	548	156.1	292	96.7	302	116.5	338	140.3	182	304.7
<b>2000</b>												
July	3	0.5	48	7.9	18	9.7	29	12.0	15	3.8	15	36.8
August	10	3.3	63	55.8	25	5.9	28	9.5	22	4.9	8	3.4
September	47	5.1	59	31.1	15	7.1	23	22.8	24	16.8	11	5.3

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>2000</b>										
July	1	0.2	4	0.4	3	0.3	3	0.2	92	9.5
August	0	0.0	1	0.1	1	0.1	3	0.3	100	10.1
September	1	0.1	1	0.2	3	0.2	4	0.3	138	13.9
Value—\$200,000—\$499,999										
<b>2000</b>										
July	0	0.0	2	0.5	2	0.6	2	0.7	29	8.6
August	0	0.0	3	1.1	2	0.7	1	0.2	47	14.0
September	1	0.5	2	0.7	1	0.2	1	0.2	29	9.4
Value—\$500,000—\$999,999										
<b>2000</b>										
July	1	0.6	1	0.5	1	0.8	2	1.7	18	11.8
August	0	0.0	1	0.5	1	0.5	0	0.0	15	9.5
September	0	0.0	0	0.0	1	0.8	0	0.0	12	8.2
Value—\$1,000,000—\$4,999,999										
<b>2000</b>										
July	0	0.0	1	1.6	1	1.4	1	2.0	12	22.6
August	0	0.0	1	1.6	2	3.4	1	1.6	8	13.2
September	0	0.0	0	0.0	1	1.1	0	0.0	14	29.5
Value—\$5,000,000 and over										
<b>2000</b>										
July	0	0.0	0	0.0	2	19.1	0	0.0	4	48.8
August	0	0.0	0	0.0	0	0.0	0	0.0	3	46.2
September	0	0.0	0	0.0	0	0.0	0	0.0	2	31.4
Value—Total										
<b>1997-1998</b>	27	8.7	56	72.5	86	65.3	92	37.6	1 901	899.8
<b>1998-1999</b>	16	9.4	70	52.9	85	106.1	93	70.6	1 910	1 108.2
<b>1999-2000</b>	43	22.6	75	113.2	78	51.4	130	148.1	2 094	1 201.0
<b>2000</b>										
July	2	0.8	8	3.0	9	22.2	8	4.6	155	101.4
August	0	0.0	6	3.3	6	4.8	5	2.1	173	93.0
September	2	0.5	3	0.9	6	2.3	5	0.5	195	92.4

## 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>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	363.7	86.4	70.2	138.8	51.6	9.3	32.5	75.7	17.1	<b>897.5</b>
<b>1999-2000</b>	50.4	152.9	91.0	78.2	124.9	57.0	22.8	39.2	29.8	20.2	<b>666.0</b>
<b>1999</b>											
September	9.0	11.0	7.7	1.9	4.3	7.9	1.5	12.4	1.7	2.7	<b>60.2</b>
October	1.3	13.3	16.2	6.8	9.2	10.5	2.1	7.7	1.0	3.3	<b>71.5</b>
November	1.0	10.2	7.3	6.4	10.0	4.2	1.4	1.7	6.0	0.6	<b>48.8</b>
December	3.9	12.1	3.8	7.1	6.9	2.8	3.2	1.8	0.5	2.7	<b>44.8</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>
February	3.5	14.6	12.1	11.0	9.8	1.1	0.3	0.3	1.1	0.7	<b>54.3</b>
March	0.7	5.1	9.0	7.9	10.4	1.7	0.7	0.2	1.8	1.2	<b>38.9</b>
April	3.1	17.6	3.8	7.2	8.7	2.5	7.2	4.6	7.2	1.2	<b>63.0</b>
May	7.8	11.4	5.8	7.6	11.3	15.9	4.1	1.9	1.6	0.8	<b>68.3</b>
June	5.7	15.2	5.9	4.5	17.7	2.6	0.4	0.5	3.0	1.4	<b>56.7</b>
July	0.5	7.2	9.7	10.9	3.6	11.4	0.8	1.0	2.0	2.9	<b>49.9</b>
August	3.0	55.8	5.9	8.9	4.8	1.5	0.0	2.4	1.6	2.1	<b>86.1</b>
September	5.1	30.6	7.1	22.0	13.0	4.0	0.5	0.3	1.3	0.1	<b>84.0</b>
PUBLIC SECTOR (\$ million)											
<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>1999-2000</b>	0.6	3.4	5.8	38.4	15.5	247.6	0.0	74.0	21.6	128.0	<b>535.0</b>
<b>1999</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>
February	0.0	1.1	0.1	0.4	0.0	4.6	0.0	39.9	2.0	0.8	<b>48.9</b>
March	0.0	1.5	2.5	2.6	1.6	15.8	0.0	1.6	0.0	9.6	<b>35.2</b>
April	0.0	0.0	0.0	0.1	2.2	5.6	0.0	5.6	0.5	10.4	<b>24.5</b>
May	0.0	0.0	0.0	7.7	0.8	15.9	0.0	4.8	0.0	50.3	<b>79.4</b>
June	0.0	0.0	0.0	1.9	8.0	1.9	0.0	6.7	7.9	0.5	<b>26.8</b>
July	0.0	0.7	0.0	1.1	0.1	25.4	0.0	2.1	20.2	1.8	<b>51.5</b>
August	0.2	0.0	0.0	0.7	0.1	2.0	0.0	0.9	3.1	0.0	<b>7.0</b>
September	0.0	0.5	0.0	0.7	3.8	1.3	0.0	0.6	1.0	0.4	<b>8.4</b>
TOTAL (\$ million)											
<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	366.5	89.9	93.8	146.6	119.8	9.3	52.9	106.0	70.4	<b>1 108.3</b>
<b>1999-2000</b>	51.1	156.2	96.7	116.7	140.3	304.8	22.8	113.3	51.5	148.0	<b>1 201.1</b>
<b>1999</b>											
September	9.0	11.0	7.7	3.7	4.3	67.0	1.5	13.2	1.9	15.5	<b>134.8</b>
October	1.3	13.3	18.9	23.0	9.3	46.8	2.1	9.4	1.3	11.5	<b>137.0</b>
November	1.5	10.2	7.8	7.0	12.2	36.3	1.4	4.1	11.5	3.7	<b>95.7</b>
December	3.9	12.1	3.8	7.8	6.9	13.2	3.2	3.4	1.1	6.9	<b>62.3</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>
February	3.5	15.6	12.1	11.4	9.8	5.7	0.3	40.2	3.1	1.5	<b>103.2</b>
March	0.7	6.6	11.5	10.6	12.0	17.4	0.7	1.8	1.8	10.8	<b>74.0</b>
April	3.1	17.6	3.8	7.3	10.9	8.2	7.2	10.3	7.7	11.6	<b>87.5</b>
May	7.8	11.4	5.8	15.3	12.1	31.8	4.1	6.7	1.6	51.1	<b>147.7</b>
June	5.7	15.2	5.9	6.4	25.7	4.5	0.4	7.1	10.9	1.8	<b>83.6</b>
July	0.5	7.9	9.7	12.0	3.8	36.8	0.8	3.0	22.2	4.6	<b>101.4</b>
August	3.3	55.8	5.9	9.5	4.9	3.4	0.0	3.3	4.8	2.1	<b>93.0</b>
September	5.1	31.1	7.1	22.8	16.8	5.3	0.5	0.9	2.3	0.5	<b>92.4</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>1998-1999</b>	11 951	1 936	14 032	1 313 512	222 359	180 632	1 716 504	708 754	2 425 257
<b>1999-2000</b>	13 050	2 815	15 990	1 526 462	394 429	188 252	2 109 143	444 311	2 553 454
<b>1999</b>									
September	1 149	269	1 423	131 142	27 163	14 747	173 051	42 637	215 688
October	1 202	94	1 300	141 464	9 733	15 168	166 365	53 633	219 998
November	1 519	351	1 878	180 730	32 435	21 739	234 904	33 915	268 819
December	1 322	150	1 506	151 392	16 388	14 997	182 778	35 518	218 295
<b>2000</b>									
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	19 254	13 085	127 514	76 177	203 690
September	702	142	861	86 832	15 042	13 570	115 444	73 139	188 583
PUBLIC SECTOR									
<b>1998-1999</b>	151	398	549	12 124	26 592	5 222	43 938	145 021	188 959
<b>1999-2000</b>	197	554	775	18 725	44 618	4 849	68 191	389 195	457 386
<b>1999</b>									
September	13	137	150	1 038	12 507	0	13 544	66 115	79 659
October	2	24	26	294	1 531	420	2 245	55 884	58 129
November	10	0	14	1 250	0	517	1 767	17 974	19 741
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
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
TOTAL									
<b>1998-1999</b>	12 102	2 334	14 581	1 325 636	248 950	185 854	1 760 441	853 774	2 614 215
<b>1999-2000</b>	13 247	3 369	16 765	1 545 187	439 047	193 101	2 177 335	833 505	3 010 840
<b>1999</b>									
September	1 162	406	1 573	132 180	39 669	14 747	186 595	108 753	295 348
October	1 204	118	1 326	141 758	11 264	15 588	168 610	109 518	278 127
November	1 529	351	1 892	181 980	32 435	22 256	236 671	51 889	288 560
December	1 338	202	1 578	152 882	20 446	14 997	188 325	48 642	236 967
<b>2000</b>									
January	1 035	234	1 291	124 854	23 844	14 183	162 881	36 179	199 060
February	1 002	431	1 455	111 037	98 584	14 296	223 916	80 333	304 249
March	1 064	185	1 254	135 312	18 169	14 603	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	78 225	209 005
September	706	159	882	87 379	16 561	14 887	118 827	74 291	193 117

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

(b) Refer to Explanatory Notes paragraph 12.

## BUILDINGS APPROVED IN STATISTICAL AREAS—Sep Qtr 2000

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>	2 905	609	3 622	364 670	66 141	53 552	484 362	286 791	771 153
<b>Perth (SD)</b>	2 134	513	2 734	268 892	57 422	40 382	366 695	237 819	604 514
Central Metropolitan (SSD)	116	176	353	30 834	27 048	14 800	72 681	85 471	158 153
Cambridge (T)	24	0	24	4 846	0	1 677	6 523	1 220	7 743
Claremont (T)	14	0	14	3 107	0	379	3 486	625	4 111
Cottesloe (T)	12	0	12	4 504	0	512	5 016	75	5 092
Mosman Park (T)	12	0	14	5 918	0	212	6 130	500	6 630
Nedlands (C)	18	3	21	5 156	318	1 642	7 117	0	7 117
Peppermint Grove (S)	0	0	0	0	0	683	683	355	1 039
Perth (C)—Inner	2	0	2	558	0	0	558	72 502	73 060
Perth (C)—Remainder	5	107	157	994	17 679	4 060	22 733	5 445	28 178
Subiaco (C)	18	56	88	3 728	8 050	1 979	13 757	4 108	17 865
Vincent (T)	11	10	21	2 022	1 000	3 655	6 677	641	7 318
East Metropolitan (SSD)	368	64	434	36 395	6 216	4 021	46 632	9 414	56 046
Bassendean (T)	9	0	9	953	0	419	1 372	90	1 462
Bayswater (C)	83	37	120	8 885	3 866	1 294	14 045	1 763	15 808
Kalamunda (S)	48	5	53	4 793	540	802	6 135	265	6 400
Mundaring (S)	31	0	31	3 349	0	612	3 961	561	4 522
Swan (C)	197	22	221	18 414	1 810	895	21 119	6 735	27 854
North Metropolitan (SSD)	689	200	901	83 509	17 599	8 848	109 956	47 692	157 648
Joondalup (C)—North	135	72	207	16 735	6 804	680	24 219	8 353	32 572
Joondalup (C)—South	43	0	44	8 598	0	2 176	10 774	1 017	11 791
Stirling (C)—Central	124	29	153	14 323	2 328	1 759	18 409	6 788	25 198
Stirling (C)—Coastal	79	52	131	11 450	5 513	1 298	18 262	649	18 910
Stirling (C)—South-Eastern	2	0	2	208	0	1 320	1 529	7 150	8 679
Wanneroo (C)—North-East	93	0	93	9 261	0	636	9 897	2 624	12 521
Wanneroo (C)—North-West	141	44	185	15 683	2 695	140	18 518	17 520	36 038
Wanneroo (C)—South	72	3	86	7 252	259	838	8 349	3 590	11 939
South West Metropolitan (SSD)	487	43	531	63 217	3 000	6 154	72 371	63 321	135 692
Cockburn (C)	198	2	200	20 765	148	1 590	22 503	11 502	34 005
East Fremantle (T)	1	0	1	125	0	583	708	630	1 338
Fremantle (C)—Inner	1	0	1	700	0	40	740	24 714	25 454
Fremantle (C)—Remainder	16	0	16	2 616	0	637	3 254	8 066	11 320
Kwinana (T)	11	0	11	962	0	926	1 888	816	2 704
Melville (C)	129	19	149	23 653	1 439	1 637	26 729	14 965	41 694
Rockingham (C)	131	22	153	14 396	1 413	742	16 551	2 628	19 178
South East Metropolitan (SSD)	474	30	515	54 936	3 559	6 560	65 054	31 921	96 975
Armadale (C)	35	0	42	4 193	0	849	5 042	2 111	7 153
Belmont (C)	41	2	43	4 705	153	515	5 373	2 662	8 035
Canning (C)	97	0	97	9 936	0	1 944	11 880	17 532	29 412
Gosnells (C)	168	8	180	16 390	922	972	18 284	5 481	23 765
Serpentine—Jarrahdale (S)	23	0	23	2 665	0	308	2 974	0	2 974
South Perth (C)	62	13	75	11 601	1 840	1 791	15 231	3 240	18 471
Victoria Park (T)	48	7	55	5 446	643	180	6 269	895	7 164
<b>South West (SD)</b>	416	22	453	51 056	1 585	5 598	58 239	16 641	74 879
Dale (SSD)	142	16	172	18 351	1 140	1 841	21 332	5 701	27 033
Boddington (S)	1	0	1	285	0	0	285	0	285
Mandurah (C)	113	16	143	14 610	1 140	1 640	17 391	4 843	22 233
Murray (S)	24	0	24	2 894	0	178	3 071	692	3 763
Waroona (S)	4	0	4	563	0	23	585	166	751
Preston (SSD)	141	0	142	15 485	0	1 826	17 311	4 212	21 524
Bunbury (C)	44	0	45	4 962	0	785	5 747	2 900	8 646
Capel (S)	35	0	35	4 004	0	380	4 384	0	4 384
Collie (S)	3	0	3	300	0	93	393	0	393
Dardanup (S)	22	0	22	2 090	0	39	2 129	550	2 679
Donnybrook—Balingup (S)	8	0	8	897	0	46	942	159	1 101
Harvey (S)	29	0	29	3 233	0	483	3 717	604	4 321

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)	119	3	122	15 970	170	1 656	17 796	4 105	21 901
Augusta–Margaret River (S)	33	0	33	4 494	0	250	4 744	194	4 938
Busselton (S)	86	3	89	11 476	170	1 406	13 052	3 911	16 963
Blackwood (SSD)	14	3	17	1 249	275	275	1 800	2 622	4 422
Boyup Brook (S)	8	0	8	836	0	136	972	0	972
Bridgetown–Greenbushes (S)	1	0	1	110	0	0	110	0	110
Manjimup (S)	5	3	8	304	275	114	692	979	1 672
Nannup (S)	0	0	0	0	0	25	25	1 643	1 668
<b>Lower Great Southern (SD)</b>	<b>73</b>	<b>6</b>	<b>79</b>	<b>8 550</b>	<b>660</b>	<b>1 892</b>	<b>11 102</b>	<b>2 518</b>	<b>13 620</b>
Pallinup (SSD)	5	0	5	508	0	123	632	70	702
Broomehill (S)	0	0	0	0	0	10	10	0	10
Gnowangerup (S)	2	0	2	353	0	25	378	0	378
Jerramungup (S)	3	0	3	156	0	17	173	70	243
Katanning (S)	0	0	0	0	0	11	11	0	11
Kent (S)	0	0	0	0	0	0	0	0	0
Kojonup (S)	0	0	0	0	0	60	60	0	60
Tambellup (S)	0	0	0	0	0	0	0	0	0
Woodanilling (S)	0	0	0	0	0	0	0	0	0
King (SSD)	68	6	74	8 042	660	1 768	10 471	2 448	12 918
Albany (C)–Central	29	6	35	3 628	660	1 037	5 325	1 569	6 895
Albany (C)–Balance	27	0	27	3 210	0	368	3 578	784	4 361
Cranbrook (S)	0	0	0	0	0	11	11	0	11
Denmark (S)	9	0	9	975	0	172	1 147	0	1 147
Plantagenet (S)	3	0	3	229	0	181	410	95	505
<b>Upper Great Southern (SD)</b>	<b>20</b>	<b>0</b>	<b>20</b>	<b>1 941</b>	<b>0</b>	<b>215</b>	<b>2 156</b>	<b>1 952</b>	<b>4 109</b>
Hotham (SSD)	20	0	20	1 941	0	166	2 108	1 952	4 060
Brookton (S)	6	0	6	344	0	10	354	1 390	1 744
Cuballing (S)	2	0	2	228	0	0	228	0	228
Dumbleyung (S)	4	0	4	448	0	0	448	0	448
Narrogin (T)	3	0	3	417	0	10	428	67	495
Narrogin (S)	0	0	0	0	0	0	0	76	76
Pingelly (S)	1	0	1	173	0	0	173	0	173
Wagin (S)	1	0	1	120	0	34	154	419	573
Wandering (S)	3	0	3	212	0	0	212	0	212
West Arthur (S)	0	0	0	0	0	112	112	0	112
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	49	49	0	49
Corrigin (S)	0	0	0	0	0	49	49	0	49
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>107</b>	<b>10</b>	<b>117</b>	<b>12 140</b>	<b>1 079</b>	<b>823</b>	<b>14 042</b>	<b>1 872</b>	<b>15 915</b>
Moore (SSD)	55	4	59	6 660	400	316	7 376	656	8 032
Chittering (S)	8	0	8	846	0	100	946	0	946
Dandaragan (S)	16	0	16	1 829	0	41	1 870	74	1 943
Gingin (S)	24	0	24	2 840	0	145	2 986	75	3 060
Moora (S)	6	0	6	1 025	0	30	1 055	160	1 214
Victoria Plains (S)	1	4	5	120	400	0	520	349	868

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>	42	6	48	4 189	679	420	5 288	156	5 444
Beverley (S)	0	0	0	0	0	0	0	0	0
Cunderdin (S)	0	0	0	0	0	15	15	55	70
Dalwallinu (S)	0	0	0	0	0	40	40	0	40
Dowerin (S)	1	0	1	108	0	0	108	0	108
Goomalling (S)	0	2	2	0	265	0	265	0	265
Koorda (S)	2	0	2	203	0	0	203	0	203
Northam (T)	9	4	13	1 055	415	42	1 512	0	1 512
Northam (S)	3	0	3	261	0	100	361	0	361
Quairading (S)	0	0	0	0	0	0	0	0	0
Tammin (S)	0	0	0	0	0	0	0	0	0
Toodyay (S)	16	0	16	1 567	0	49	1 615	0	1 615
Wongan-Ballidu (S)	2	0	2	246	0	30	276	0	276
Wyalkatchem (S)	0	0	0	0	0	0	0	0	0
York (S)	9	0	9	750	0	145	894	101	995
<b>Campion (SSD)</b>	10	0	10	1 292	0	87	1 379	1 060	2 439
Bruce Rock (S)	1	0	1	99	0	0	99	0	99
Kellerberrin (S)	1	0	1	130	0	0	130	0	130
Merredin (S)	5	0	5	678	0	87	765	1 060	1 825
Mount Marshall (S)	2	0	2	234	0	0	234	0	234
Mukinbudin (S)	0	0	0	0	0	0	0	0	0
Narembeen (S)	1	0	1	151	0	0	151	0	151
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>	22	45	67	2 687	4 006	526	7 219	4 990	12 208
<b>Lefroy (SSD)</b>	8	27	35	1 018	2 406	252	3 676	1 810	5 487
Coolgardie (S)	0	0	0	0	0	0	0	0	0
Kalgoorlie/Boulder (C)	8	27	35	1 018	2 406	252	3 676	1 810	5 487
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>	14	18	32	1 668	1 600	274	3 542	3 179	6 721
Dundas (S)	0	0	0	0	0	14	14	463	477
Esperance (S)	11	18	29	1 450	1 600	215	3 264	2 716	5 981
Ravensthorpe (S)	3	0	3	219	0	45	264	0	264
<b>Central (SD)</b>	64	13	83	8 944	1 388	1 745	12 077	12 092	24 168
<b>Gascoyne (SSD)</b>	11	8	19	1 518	1 007	336	2 861	1 978	4 838
Carnarvon (S)	5	0	5	799	0	25	824	525	1 349
Exmouth (S)	5	8	13	461	1 007	201	1 668	655	2 323
Shark Bay (S)	0	0	0	0	0	111	111	798	909
Upper Gascoyne (S)	1	0	1	258	0	0	258	0	258
<b>Carnegie (SSD)</b>	3	0	3	350	0	0	350	411	761
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)	0	0	0	0	0	0	0	0	0
Yalgoo (S)	3	0	3	350	0	0	350	411	761

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)	50	5	61	7 076	381	1 409	8 866	9 703	18 569
Carnamah (S)	1	0	1	55	0	0	55	0	55
Chapman Valley (S)	0	0	0	0	0	14	14	0	14
Coorow (S)	2	0	2	156	0	23	179	0	179
Geraldton (C)	10	3	17	2 194	180	823	3 197	4 483	7 680
Greenough (S)	23	0	23	2 569	0	464	3 033	3 893	6 926
Irwin (S)	4	2	8	436	201	30	667	682	1 349
Mingenew (S)	0	0	0	0	0	0	0	0	0
Morawa (S)	0	0	0	0	0	0	0	79	79
Mullewa (S)	0	0	0	0	0	0	0	0	0
Northampton (S)	6	0	6	707	0	55	762	393	1 155
Perenjori (S)	0	0	0	0	0	0	0	0	0
Three Springs (S)	4	0	4	960	0	0	960	174	1 134
<b>Pilbara (SD)</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>185</b>	<b>0</b>	<b>1 016</b>	<b>1 201</b>	<b>4 067</b>	<b>5 268</b>
De Grey (SSD)	0	0	0	0	0	765	765	1 631	2 397
East Pilbara (S)	0	0	0	0	0	11	11	0	11
Port Hedland (T)	0	0	0	0	0	754	754	1 631	2 386
Fortescue (SSD)	1	0	1	185	0	251	435	2 436	2 871
Ashburton (S)	0	0	0	0	0	25	25	2 361	2 385
Roebourne (S)	1	0	1	185	0	226	411	75	486
<b>Kimberley (SD)</b>	<b>68</b>	<b>0</b>	<b>68</b>	<b>10 275</b>	<b>0</b>	<b>1 356</b>	<b>11 631</b>	<b>4 841</b>	<b>16 472</b>
Ord (SSD)	19	0	19	2 989	0	440	3 429	3 914	7 343
Halls Creek (S)	4	0	4	569	0	0	569	2 389	2 958
Wyndham-East Kimberley (S)	15	0	15	2 420	0	440	2 860	1 525	4 385
Fitzroy (SSD)	49	0	49	7 287	0	916	8 203	926	9 129
Broome (S)	38	0	38	5 667	0	800	6 468	282	6 750
Derby-West Kimberley (S)	11	0	11	1 619	0	116	1 735	644	2 379

(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.

### 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.

## EXPLANATORY NOTES

- 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 1998–99). 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.
- 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, 2000 Edition* (Cat. no. 1216.0), effective from 1 July 2000, 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).
- ROUNDING**
- When figures have been rounded, discrepancies may occur between sums of the component items and totals.



## EXPLANATORY NOTES

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### 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.

## GLOSSARY

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

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