

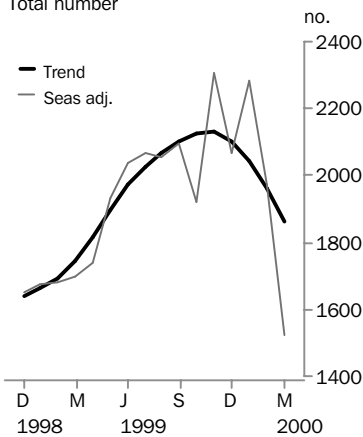
# BUILDING APPROVALS

WESTERN  
AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) FRI 12 MAY 2000

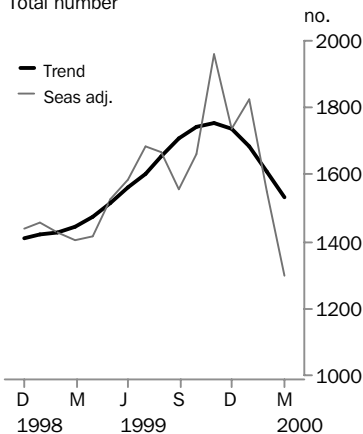
## Dwelling units approved

Total number



## Private sector houses approved

Total number



## MARCH KEY FIGURES

	Jan 2000	Feb 2000	Mar 2000
Dwelling units approved			
Original	1 675	1 972	1 768
Seasonally adjusted	2 281	1 974	1 520
Trend	2 044	1 959	1 864
.....			
	% change Dec 1999 to Jan 2000	% change Jan 2000 to Feb 2000	% change Feb 2000 to Mar 2000
Dwelling units approved			
Original	-16.8	17.7	-10.3
Seasonally adjusted	10.5	-13.5	-23.0
Trend	-2.8	-4.2	-4.8

## MARCH KEY POINTS

### TREND ESTIMATES

- The trend for total dwelling units approved fell 4.8% in March 2000 and is the fourth consecutive decrease following a period of sustained growth.
- The downturn in the trend for private sector houses approved appears to be well established after falling 12.7% in the last 4 months.

### SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for total dwelling units approved fell 23.0% in March 2000, the second monthly decrease following a 10.5% increase in January 2000.
- After a 5.2% increase in January 2000, the seasonally adjusted estimate for private sector houses approved has fallen 15.0% and 16.2% in February 2000 and March 2000 respectively.

### ORIGINAL ESTIMATES

- The total number of dwelling units approved in first 3 months of the year was 5,415 which was 13.0% above the level reported for the same period last year. For this 3 month period, the number of houses approved was 4,411 and other dwellings were 1,004.
- The total value of building approved in the three months to March 2000 was \$929.0 million, with January showing \$269.2 million, February \$353.1 million and March \$306.7 million. Total Residential building accounted for \$733.8 million and non-residential building \$195.1 million for the same period.

- For further information about these and related statistics, contact Roger Mableson on Adelaide 08 8237 7494 or the National Information Service on 1300 135 070.

# NOTES

## FORTHCOMING ISSUES

ISSUE	RELEASE DATE
June 2000	8 August 2000
September 2000	8 November 2000

## CHANGES IN THIS ISSUE

There have been some changes to the frequency and content of this publication. This issue is the first quarterly publication following the decision to change the frequency from monthly to quarterly. Table 12 is the only change to the content. It contains quarterly data for March comprising the sum of January, February and March approvals. The national publication, *Building Approvals, Australia* (Catalogue no. 8731.0) will continue to be produced on a monthly basis and contains seven additional tables on State/Territory data.

## DATA NOTES

There are no data notes for this issue.

## REVISIONS THIS MONTH

There have been revisions made to estimates of January to December 1999 due to additional data being received from the Melville Shire. The extent of these changes, in terms of new dwellings approved was

Jan 1999 - June 1999 +91

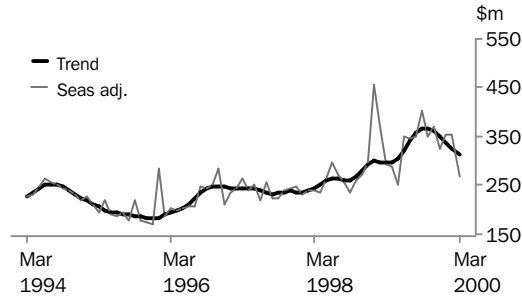
July 1999 - December 1999 +178

Colin Nagle  
Regional Director, Western Australia

# VALUE OF BUILDINGS APPROVED

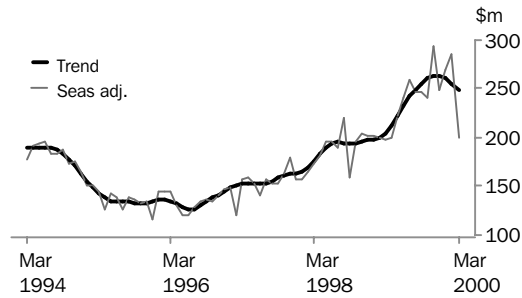
## VALUE OF TOTAL BUILDING

After strong growth in the middle of 1999, the trend for total building has been in decline for the past 5 months.



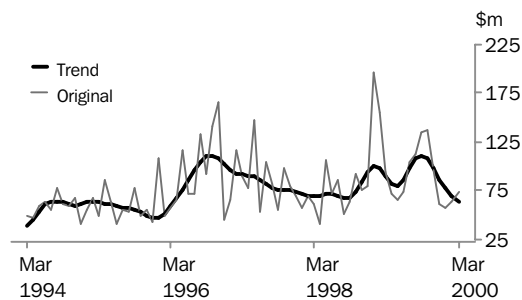
## VALUE OF RESIDENTIAL BUILDING

In the last 3 months, the trend for residential building has fallen 5.8% after showing positive growth throughout 1999.



## VALUE OF NON-RESIDENTIAL BUILDING

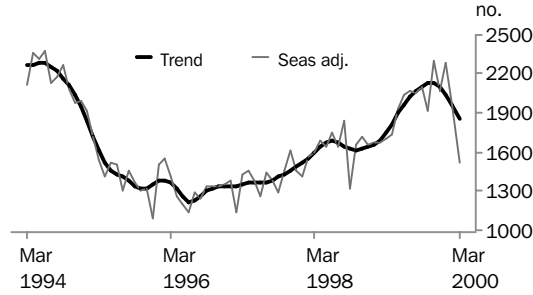
The trend for the value of non-residential building is at its lowest level since March 1996 and has been in decline for the past 6 months.



# DWELLINGS APPROVED

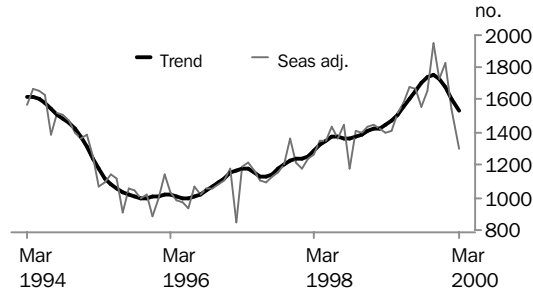
## TOTAL DWELLING UNITS

The trend for total dwelling units has fallen 12.5% since December 1999, after a period of growth from October 1998.



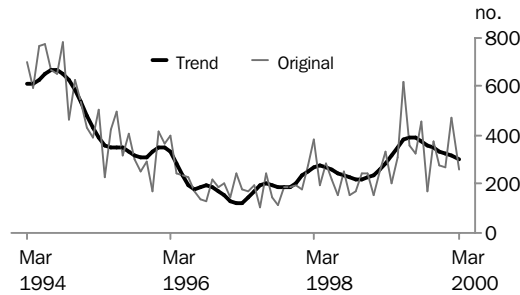
## PRIVATE SECTOR HOUSES

The trend for private sector houses has been in decline for the past 4 months but is still 6.1% above the level recorded in March 1999.



## OTHER DWELLINGS

The trend for other dwellings continues to fall and has been in decline since August 1999.



# WHAT IF...? REVISIONS TO TREND ESTIMATES

## EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

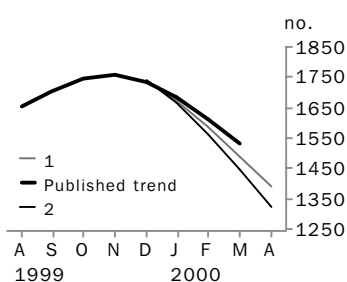
### TREND REVISIONS

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

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

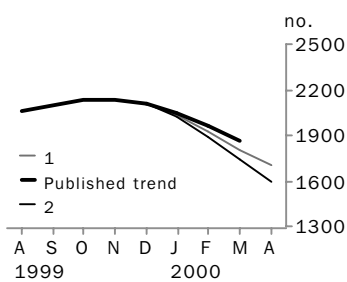
The graphs and tables which follow present the effect of two possible scenarios on the previous trend estimates: that the April seasonally adjusted estimate is higher than the March estimate by 6% for the number of private sector houses approved and 8% for total dwelling units approved; and that the April seasonally adjusted estimate is lower than the March estimate by 6% for the number of private sector houses approved and 8% for total dwelling units approved. These percentages were chosen because they represent the average absolute monthly percentage change for these series over the last ten years.

### PRIVATE SECTOR HOUSES



	TREND AS PUBLISHED		WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:			
	no.	% change	<b>1</b> <i>rises by 6% on Mar 2000</i>		<b>2</b> <i>falls by 6% on Mar 2000</i>	
	no.	% change	no.	% change	no.	% change
November 1999	1 757	0.7	1 765	0.9	1 770	1.0
December 1999	1 736	-1.2	1 739	-1.5	1 742	-1.6
January 2000	1 683	-3.0	1 675	-3.7	1 668	-4.2
February 2000	1 611	-4.3	1 584	-5.4	1 562	-6.4
March 2000	1 533	-4.8	1 489	-6.0	1 446	-7.4
April 2000	n.y.a.	n.y.a.	1 391	-6.6	1 326	-8.3

### TOTAL DWELLING UNITS



	TREND AS PUBLISHED		WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:			
	no.	% change	<b>1</b> <i>rises by 8% on Mar 2000</i>		<b>2</b> <i>falls by 8% on Mar 2000</i>	
	no.	% change	no.	% change	no.	% change
November 1999	2 131	0.2	2 141	0.3	2 149	0.5
December 1999	2 103	-1.3	2 108	-1.5	2 112	-1.7
January 2000	2 044	-2.8	2 032	-3.6	2 021	-4.3
February 2000	1 959	-4.2	1 925	-5.3	1 888	-6.6
March 2000	1 864	-4.8	1 808	-6.1	1 738	-7.9
April 2000	n.y.a.	n.y.a.	1 699	-6.0	1 594	-8.3

## DWELLING UNITS APPROVED

Month	HOUSES.....		OTHER DWELLINGS.....		TOTAL DWELLING UNITS	
	<i>Private sector</i>	<i>Total</i>	<i>Private sector</i>	<i>Total</i>	<i>Private sector</i>	<i>Total</i>
	<i>no.</i>	<i>no.</i>	<i>no.</i>	<i>no.</i>	<i>no.</i>	<i>no.</i>
ORIGINAL						
<b>1999</b>						
January	1 142	1 148	110	159	1 252	1 307
February	1 285	1 291	205	257	1 490	1 548
March	1 563	1 607	296	332	1 859	1 939
April	1 383	1 435	199	201	1 582	1 636
May	1 616	1 666	223	308	1 839	1 974
June	1 682	1 807	431	624	2 113	2 431
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
SEASONALLY ADJUSTED						
<b>1999</b>						
January	1 455	1 465	n.a.	n.a.	1 573	1 673
February	1 425	1 432	n.a.	n.a.	1 611	1 680
March	1 406	1 434	n.a.	n.a.	1 647	1 701
April	1 415	1 456	n.a.	n.a.	1 686	1 738
May	1 526	1 582	n.a.	n.a.	1 791	1 931
June	1 583	1 638	n.a.	n.a.	1 932	2 039
July	1 683	1 684	n.a.	n.a.	2 060	2 067
August	1 667	1 686	n.a.	n.a.	1 963	2 055
September	1 554	1 569	n.a.	n.a.	1 837	2 098
October	1 663	1 692	n.a.	n.a.	1 850	1 919
November	1 957	1 988	n.a.	n.a.	2 264	2 305
December	1 735	1 762	n.a.	n.a.	1 945	2 065
<b>2000</b>						
January	1 825	1 859	n.a.	n.a.	2 177	2 281
February	1 552	1 598	n.a.	n.a.	1 902	1 974
March	1 301	1 321	n.a.	n.a.	1 448	1 520
TREND ESTIMATES						
<b>1999</b>						
January	1 419	1 424	166	237	1 585	1 661
February	1 428	1 438	191	258	1 618	1 695
March	1 445	1 460	225	285	1 670	1 744
April	1 475	1 497	264	317	1 739	1 813
May	1 515	1 541	300	354	1 815	1 896
June	1 559	1 587	321	384	1 880	1 971
July	1 605	1 632	319	395	1 924	2 026
August	1 653	1 677	302	388	1 955	2 065
September	1 705	1 727	284	375	1 989	2 102
October	1 745	1 768	272	360	2 016	2 127
November	1 757	1 784	268	347	2 025	2 131
December	1 736	1 767	271	336	2 007	2 103
<b>2000</b>						
January	1 683	1 716	273	327	1 957	2 044
February	1 611	1 645	271	315	1 881	1 959
March	1 533	1 567	263	298	1 796	1 864

## 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>						
January	-17.4	-17.6	-42.7	-35.9	-20.5	-20.4
February	12.5	12.5	86.4	61.6	19.0	18.4
March	21.6	24.5	44.4	29.2	24.8	25.3
April	-11.5	-10.7	-32.8	-39.5	-14.9	-15.6
May	16.8	16.1	12.1	53.2	16.2	20.7
June	4.1	8.5	93.3	102.6	14.9	23.2
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
SEASONALLY ADJUSTED (% change from preceding month)						
<b>1999</b>						
January	1.2	1.0	n.a.	n.a.	-0.8	1.2
February	-2.1	-2.3	n.a.	n.a.	2.4	0.4
March	-1.3	0.1	n.a.	n.a.	2.2	1.3
April	0.6	1.5	n.a.	n.a.	2.4	2.2
May	7.9	8.7	n.a.	n.a.	6.2	11.1
June	3.7	3.5	n.a.	n.a.	7.9	5.6
July	6.3	2.8	n.a.	n.a.	6.6	1.4
August	-0.9	0.1	n.a.	n.a.	-4.7	-0.6
September	-6.8	-6.9	n.a.	n.a.	-6.4	2.1
October	7.1	7.8	n.a.	n.a.	0.7	-8.5
November	17.7	17.5	n.a.	n.a.	22.4	20.1
December	-11.4	-11.4	n.a.	n.a.	-14.1	-10.4
<b>2000</b>						
January	5.2	5.5	n.a.	n.a.	12.0	10.5
February	-15.0	-14.0	n.a.	n.a.	-12.7	-13.5
March	-16.2	-17.3	n.a.	n.a.	-23.8	-23.0
TREND ESTIMATES (% change from preceding month)						
<b>1999</b>						
January	0.9	0.8	7.1	4.9	1.5	1.3
February	0.6	1.0	15.1	8.9	2.1	2.0
March	1.2	1.5	17.8	10.5	3.2	2.9
April	2.1	2.5	17.3	11.2	4.1	4.0
May	2.7	2.9	13.6	11.7	4.4	4.6
June	2.9	3.0	7.0	8.5	3.6	4.0
July	2.9	2.8	-0.6	2.9	2.3	2.8
August	3.0	2.8	-5.3	-1.8	1.6	1.9
September	3.2	3.0	-6.0	-3.4	1.8	1.8
October	2.3	2.4	-4.2	-4.0	1.4	1.2
November	0.7	0.9	-1.5	-3.6	0.4	0.2
December	-1.2	-1.0	1.1	-3.2	-0.9	-1.3
<b>2000</b>						
January	-3.0	-2.9	0.7	-2.7	-2.5	-2.8
February	-4.3	-4.1	-0.7	-3.7	-3.9	-4.2
March	-4.8	-4.7	-3.0	-5.4	-4.5	-4.8

## 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>					
January	148.3	19.7	168.0	197.1	365.1
February	169.7	18.4	188.0	156.3	344.3
March	199.4	26.4	225.7	93.6	319.3
April	176.9	18.6	195.5	71.5	267.1
May	208.1	18.3	226.4	65.7	292.1
June	257.3	16.9	274.2	74.2	348.3
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	63.8	353.1
March	213.4	19.3	232.7	74.0	306.7
SEASONALLY ADJUSTED					
<b>1999</b>					
January	180.1	21.0	201.1	n.a.	457.0
February	180.7	19.9	200.6	n.a.	368.6
March	175.6	21.6	197.2	n.a.	292.3
April	177.4	22.8	200.2	n.a.	289.0
May	203.6	18.3	221.9	n.a.	252.0
June	223.1	17.8	240.9	n.a.	350.9
July	232.8	26.3	259.1	n.a.	347.7
August	221.4	26.0	247.4	n.a.	348.9
September	228.1	18.0	246.0	n.a.	401.1
October	222.8	17.5	240.3	n.a.	349.7
November	268.1	25.9	294.1	n.a.	371.3
December	231.6	17.4	249.1	n.a.	327.1
<b>2000</b>					
January	251.3	17.9	269.2	n.a.	355.7
February	264.4	21.6	286.0	n.a.	355.0
March	185.2	15.8	201.0	n.a.	268.8
TREND ESTIMATES					
<b>1999</b>					
January	178.1	20.0	198.1	100.9	299.0
February	179.6	20.4	200.0	98.9	298.9
March	183.7	20.7	204.4	90.9	295.2
April	191.1	21.0	212.1	83.0	295.1
May	201.1	21.3	222.4	80.7	303.1
June	211.8	21.6	233.4	86.6	320.0
July	221.1	21.9	243.0	97.7	340.8
August	228.0	21.9	249.9	107.9	357.9
September	234.3	21.7	255.9	111.6	367.6
October	239.3	21.2	260.4	107.9	368.3
November	242.7	20.4	263.1	97.9	361.0
December	243.8	19.7	263.5	87.2	350.7
<b>2000</b>					
January	241.6	19.1	260.8	78.1	338.8
February	236.7	18.6	255.3	70.7	326.0
March	229.7	18.4	248.1	63.7	311.8

(a) Refer to Explanatory Notes paragraph 12.



## VALUE OF BUILDING APPROVED, Percentage Change

Month	<i>New residential building</i>	<i>Alterations and additions to residential buildings(a)</i>	<i>Total residential building</i>	<i>Non- residential building</i>	<i>Total building</i>
ORIGINAL (% change from preceding month)					
<b>1999</b>					
January	-17.7	2.3	-15.7	148.0	30.9
February	14.4	-6.8	11.9	-20.7	-5.7
March	17.5	43.7	20.1	-40.1	-7.3
April	-11.3	-29.3	-13.4	-23.6	-16.4
May	17.7	-2.0	15.8	-8.1	9.4
June	23.6	-7.6	21.1	12.9	19.3
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	11.3	31.2
March	-20.7	-4.4	-19.6	16.1	-13.1
SEASONALLY ADJUSTED (% change from preceding month)					
<b>1999</b>					
January	-1.7	9.2	-0.6	n.a.	54.9
February	0.3	-5.1	-0.2	n.a.	-19.3
March	-2.8	8.4	-1.7	n.a.	-20.7
April	1.1	5.5	1.5	n.a.	-1.1
May	14.7	-19.8	10.8	n.a.	-12.8
June	9.6	-2.4	8.6	n.a.	39.2
July	4.4	47.6	7.6	n.a.	-0.9
August	-4.9	-1.3	-4.5	n.a.	0.3
September	3.0	-30.8	-0.5	n.a.	15.0
October	-2.3	-2.4	-2.3	n.a.	-12.8
November	20.4	48.0	22.4	n.a.	6.2
December	-13.6	-32.8	-15.3	n.a.	-11.9
<b>2000</b>					
January	8.5	2.8	8.1	n.a.	8.7
February	5.2	20.8	6.2	n.a.	-0.2
March	-29.9	-27.1	-29.7	n.a.	-24.3
TREND ESTIMATES (% change from preceding month)					
<b>1999</b>					
January	0.1	4.3	0.5	5.9	2.2
February	0.8	2.0	0.9	-2.0	0.0
March	2.3	1.2	2.2	-8.1	-1.2
April	4.0	1.6	3.8	-8.6	0.0
May	5.3	1.4	4.9	-2.8	2.7
June	5.3	1.4	4.9	7.3	5.6
July	4.4	1.4	4.1	12.8	6.5
August	3.1	0.2	2.8	10.4	5.0
September	2.7	-1.1	2.4	3.5	2.7
October	2.1	-2.4	1.8	-3.3	0.2
November	1.4	-3.6	1.0	-9.3	-2.0
December	0.5	-3.6	0.2	-11.0	-2.9
<b>2000</b>					
January	-0.9	-2.7	-1.0	-10.4	-3.4
February	-2.0	-2.7	-2.1	-9.5	-3.8
March	-3.0	-1.2	-2.8	-9.9	-4.4

(a) Refer to Explanatory Notes paragraph 12.

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

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>Alterations and additions to residential buildings</i>	<i>Conversion(a)</i>	<i>Non-residential building(a)</i>	<i>Total dwelling units</i>
PRIVATE SECTOR (Number)						
<b>1996-1997</b>	13 067	1 682	56	3	32	14 840
<b>1997-1998</b>	14 960	2 026	45	21	40	17 092
<b>1998-1999</b>	17 048	2 313	31	101	36	19 529
<b>1999</b>						
March	1 563	218	1	77	0	1 859
April	1 383	187	0	0	12	1 582
May	1 613	221	2	3	0	1 839
June	1 681	419	8	0	5	2 113
July	1 704	341	6	3	2	2 056
August	1 756	259	3	13	8	2 039
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
PUBLIC SECTOR (Number)						
<b>1996-1997</b>	565	331	6	0	0	902
<b>1997-1998</b>	868	500	0	0	0	1 368
<b>1998-1999</b>	442	636	7	0	0	1 085
<b>1999</b>						
March	44	36	0	0	0	80
April	52	2	0	0	0	54
May	50	85	0	0	0	135
June	125	193	0	0	0	318
July	1	4	1	0	0	6
August	17	33	8	0	0	58
September	14	137	0	0	0	151
October	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
TOTAL (Number)						
<b>1996-1997</b>	13 632	2 013	62	3	32	15 742
<b>1997-1998</b>	15 828	2 526	45	21	40	18 460
<b>1998-1999</b>	17 490	2 949	38	101	36	20 614
<b>1999</b>						
March	1 607	254	1	77	0	1 939
April	1 435	189	0	0	12	1 636
May	1 663	306	2	3	0	1 974
June	1 806	612	8	0	5	2 431
July	1 705	345	7	3	2	2 062
August	1 773	292	11	13	8	2 097
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

(a) See Glossary for definition.

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

Period	New houses	New other residential building	Alterations and additions creating dwellings	Alterations and additions not creating dwellings	Conversion(a)	Total residential building	Non-residential building (a)	Total building
PRIVATE SECTOR (\$ million)								
<b>1996-1997</b>	1 294.1	154.0	4.8	163.9	0.1	1 616.6	773.9	2 390.9
<b>1997-1998</b>	1 561.5	189.6	2.4	182.5	0.9	1 936.9	706.7	2 643.5
<b>1998-1999</b>	1 865.9	253.1	1.8	208.5	8.7	2 338.2	897.5	3 235.8
<b>1999</b>								
March	172.7	19.5	0.0	18.7	7.1	218.1	81.6	299.7
April	150.3	20.1	0.0	17.1	0.0	187.6	62.4	250.0
May	175.8	20.5	0.1	17.7	0.1	214.2	48.8	263.0
June	198.6	31.9	0.4	16.4	0.0	247.2	57.0	304.2
July	187.1	42.4	0.6	25.1	0.1	255.3	59.2	314.5
August	193.0	25.1	0.1	17.1	6.5	241.8	61.7	303.5
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
PUBLIC SECTOR (\$ million)								
<b>1996-1997</b>	54.9	21.7	0.1	4.0	0.0	80.5	430.0	510.7
<b>1997-1998</b>	72.9	32.5	0.0	1.7	0.0	107.4	193.3	300.3
<b>1998-1999</b>	46.8	44.8	0.4	5.4	0.0	97.5	210.7	308.5
<b>1999</b>								
March	4.1	3.0	0.0	0.5	0.0	7.6	12.0	19.6
April	6.2	0.3	0.0	1.5	0.0	7.9	9.2	17.1
May	5.7	6.2	0.0	0.3	0.0	12.2	16.9	29.1
June	12.5	14.3	0.0	0.1	0.0	26.9	17.2	44.1
July	0.1	0.6	0.2	0.2	0.0	1.1	45.4	46.5
August	1.8	1.8	0.4	1.0	0.0	5.0	51.7	56.7
September	1.2	12.5	0.0	0.0	0.0	13.7	74.6	88.2
October	1.6	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	9.5	16.7
March	3.1	5.1	0.2	1.6	0.0	10.0	35.2	45.2
TOTAL (\$ million)								
<b>1996-1997</b>	1 348.9	175.8	4.9	167.7	0.1	1 697.3	1 204.5	2 901.8
<b>1997-1998</b>	1 634.2	222.0	2.4	184.3	0.9	2 043.9	899.8	2 943.8
<b>1998-1999</b>	1 912.9	298.3	2.3	214.1	8.7	2 436.0	1 108.3	3 544.3
<b>1999</b>								
March	176.8	22.6	0.0	19.3	7.1	225.7	93.6	319.3
April	156.5	20.4	0.0	18.6	0.0	195.5	71.5	267.1
May	181.5	26.7	0.1	18.1	0.1	226.4	65.7	292.1
June	211.1	46.2	0.4	16.5	0.0	274.2	74.2	348.3
July	187.3	42.9	0.8	25.4	0.1	256.4	104.6	361.0
August	194.8	26.9	0.6	18.1	6.5	246.9	113.4	360.3
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	63.8	353.1
March	189.0	24.3	0.6	18.7	0.0	232.7	74.0	306.7

(a) See Glossary for definition.

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

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

Period	<i>New houses</i>	<i>Semi-detached, row or terrace houses, townhouses, etc of.....</i>			<i>Flats, units or apartments in a building of.....</i>			Total	Total new residential building	
		<i>One storey</i>	<i>Two or more storeys</i>	Total	<i>One or two storeys</i>	<i>Three storeys</i>	<i>Four or more storeys</i>			
NUMBER OF DWELLINGS										
<b>1996-1997</b>	13 632	1 179	376	1 555	75	194	189	458	2 013	15 645
<b>1997-1998</b>	15 828	1 672	324	1 996	166	95	269	530	2 526	18 354
<b>1998-1999</b>	17 490	1 536	692	2 228	58	157	506	721	2 949	20 439
<b>1999</b>										
January	1 148	104	41	145	0	0	12	12	157	1 305
February	1 291	95	113	208	0	0	45	45	253	1 544
March	1 607	189	38	227	0	0	27	27	254	1 861
April	1 435	72	44	116	9	30	34	73	189	1 624
May	1 663	126	65	191	11	80	24	115	306	1 969
June	1 806	285	91	376	0	27	209	236	612	2 418
July	1 705	58	85	143	21	81	100	202	345	2 050
August	1 773	182	26	208	60	0	24	84	292	2 065
September	1 629	299	64	363	25	8	55	88	451	2 080
October	1 666	112	52	164	0	6	0	6	170	1 836
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
<b>2000</b>										
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
VALUE (\$ million)										
<b>1996-1997</b>	1 349.0	86.5	31.9	118.4	7.5	17.9	31.9	57.3	175.7	1 524.6
<b>1997-1998</b>	1 634.3	117.3	31.4	148.7	13.5	10.7	49.2	73.4	222.1	1 856.4
<b>1998-1999</b>	1 912.9	107.7	82.1	189.8	5.7	13.7	89.0	108.4	298.2	2 211.0
<b>1999</b>										
January	127.4	7.9	6.4	14.2	0.0	0.0	6.7	6.7	20.9	148.3
February	140.8	6.8	11.6	18.4	0.0	0.0	10.5	10.5	28.9	169.7
March	176.8	12.7	4.3	17.0	0.0	0.0	5.5	5.5	22.6	199.4
April	156.5	5.6	6.0	11.5	0.7	2.4	5.7	8.9	20.4	176.9
May	181.5	9.2	6.6	15.8	1.3	6.8	2.8	10.9	26.7	208.1
June	211.1	18.6	8.6	27.1	0.0	3.0	16.1	19.1	46.2	257.3
July	187.3	5.1	11.1	16.3	2.8	6.7	17.2	26.7	42.9	230.2
August	194.8	13.5	3.2	16.7	3.3	0.0	6.9	10.2	26.9	221.7
September	185.7	25.9	6.8	32.7	1.6	1.0	7.8	10.4	43.1	228.9
October	193.6	8.9	7.2	16.1	0.0	1.3	0.0	1.3	17.4	211.0
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
<b>2000</b>										
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

(a) See Glossary for definition.

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

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

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

(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>		<i>Shops.....</i>		<i>Factories.....</i>		<i>Offices.....</i>		<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>												
January	3	0.3	15	1.2	20	2.2	14	1.2	14	1.4	7	0.9
February	5	0.5	25	2.2	17	2.2	17	1.5	9	0.9	3	0.3
March	3	0.5	29	2.6	18	1.9	12	1.3	19	1.7	1	0.2
Value—\$200,000—\$499,999												
<b>2000</b>												
January	2	0.4	9	2.7	7	1.9	3	1.0	7	2.3	3	0.8
February	3	1.1	2	0.7	9	2.8	11	2.9	14	4.4	3	1.0
March	1	0.3	7	2.1	11	4.0	12	3.9	4	1.2	2	0.6
Value—\$500,000—\$999,999												
<b>2000</b>												
January	0	0.0	4	2.5	1	0.5	6	3.7	1	0.7	0	0.0
February	0	0.0	3	2.6	5	2.9	2	1.5	2	1.7	0	0.0
March	0	0.0	1	0.5	2	1.5	2	1.4	4	2.5	3	2.0
Value—\$1,000,000—\$4,999,999												
<b>2000</b>												
January	2	4.2	0	0.0	0	0.0	2	2.9	0	0.0	1	4.2
February	1	1.8	2	2.5	2	4.3	0	0.0	1	2.8	1	4.4
March	0	0.0	1	1.4	2	4.1	2	3.9	2	6.6	1	1.9
Value—\$5,000,000 and over												
<b>2000</b>												
January	0	0.0	0	0.0	0	0.0	0	0.0	1	6.0	0	0.0
February	0	0.0	1	7.7	0	0.0	1	5.6	0	0.0	0	0.0
March	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	12.7
Value—Total												
<b>1996-1997</b>	91	75.4	408	164.2	319	102.6	314	156.4	402	160.4	120	152.0
<b>1997-1998</b>	99	53.1	445	186.0	287	88.4	283	123.5	398	150.0	128	114.7
<b>1998-1999</b>	90	52.4	489	366.6	271	89.9	274	93.9	396	146.6	126	119.8
<b>2000</b>												
January	7	4.9	28	6.5	28	4.6	25	8.8	23	10.4	11	5.9
February	9	3.5	33	15.6	33	12.1	31	11.4	26	9.8	7	5.7
March	4	0.7	38	6.6	33	11.5	28	10.6	29	12.0	8	17.4

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>										
January	0	0.0	0	0.0	1	0.1	1	0.2	75	7.4
February	2	0.3	3	0.3	2	0.3	9	0.9	92	9.3
March	2	0.3	1	0.1	3	0.4	4	0.4	92	9.4
Value—\$200,000—\$499,999										
<b>2000</b>										
January	0	0.0	2	0.6	2	0.6	0	0.0	35	10.4
February	0	0.0	0	0.0	5	1.8	2	0.5	49	15.3
March	1	0.4	3	1.1	0	0.0	1	0.4	42	14.1
Value—\$500,000—\$999,999										
<b>2000</b>										
January	0	0.0	3	2.1	0	0.0	0	0.0	15	9.5
February	0	0.0	1	0.5	1	1.0	0	0.0	14	10.1
March	0	0.0	1	0.6	0	0.0	2	1.0	15	9.6
Value—\$1,000,000—\$4,999,999										
<b>2000</b>										
January	0	0.0	3	10.2	1	2.6	0	0.0	9	24.1
February	0	0.0	0	0.0	0	0.0	0	0.0	7	15.8
March	0	0.0	0	0.0	1	1.4	0	0.0	9	19.2
Value—\$5,000,000 and over										
<b>2000</b>										
January	0	0.0	0	0.0	0	0.0	0	0.0	1	6.0
February	0	0.0	0	0.0	0	0.0	0	0.0	2	13.3
March	0	0.0	0	0.0	0	0.0	1	9.0	2	21.7
Value—Total										
<b>1996-1997</b>	20	5.4	69	214.5	98	92.2	117	81.3	1 958	1 204.4
<b>1997-1998</b>	27	8.7	56	72.5	86	65.3	92	37.6	1 901	899.8
<b>1998-1999</b>	16	9.4	70	52.9	85	106.1	93	70.6	1 910	1 108.2
<b>2000</b>										
January	0	0.0	8	12.9	4	3.3	1	0.2	135	57.3
February	2	0.3	4	0.9	8	3.1	11	1.5	164	63.8
March	3	0.7	5	1.8	4	1.8	8	10.8	160	74.0

## VALUE OF NON-RESIDENTIAL BUILDINGS APPROVED

Period	Hotels, motels and other short term accom- modation	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertain- ment and recreational	Miscell- aneous	Total non- residential building
PRIVATE SECTOR (\$ million)											
<b>1996-1997</b>	75.5	162.8	96.2	117.2	113.7	38.8	5.3	96.1	36.6	32.5	<b>773.9</b>
<b>1997-1998</b>	51.7	185.4	86.4	81.6	142.0	32.0	8.7	58.4	39.4	21.1	<b>706.7</b>
<b>1998-1999</b>	51.8	363.7	86.4	70.2	138.8	51.6	9.3	32.5	75.7	17.1	<b>897.5</b>
<b>1999</b>											
March	5.0	29.1	8.0	5.0	13.4	3.9	0.7	2.4	11.8	2.3	<b>81.6</b>
April	3.0	16.6	8.5	3.5	17.6	5.8	0.0	4.7	1.0	1.5	<b>62.4</b>
May	1.2	10.8	4.3	11.0	11.9	1.5	0.9	1.6	4.3	1.3	<b>48.8</b>
June	3.6	18.0	5.9	2.2	7.5	4.4	6.3	7.3	1.0	0.8	<b>57.0</b>
July	8.7	14.6	4.6	7.0	14.5	4.2	0.5	1.5	0.3	3.5	<b>59.2</b>
August	0.8	21.3	10.2	3.9	12.1	2.5	1.4	2.1	5.5	1.9	<b>61.7</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>
PUBLIC SECTOR (\$ million)											
<b>1996-1997</b>	0.0	1.6	6.5	39.2	46.8	113.1	0.2	118.4	55.7	48.7	<b>430.0</b>
<b>1997-1998</b>	1.4	0.7	2.1	41.7	8.0	82.7	0.0	14.1	25.9	16.7	<b>193.3</b>
<b>1998-1999</b>	0.6	2.9	3.5	23.7	7.8	68.3	0.0	20.4	30.4	53.4	<b>210.7</b>
<b>1999</b>											
March	0.0	0.2	0.0	0.9	0.0	7.2	0.0	0.0	0.1	3.7	<b>12.0</b>
April	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	8.8	<b>9.2</b>
May	0.0	0.2	0.0	0.3	0.3	9.4	0.0	0.0	5.9	0.8	<b>16.9</b>
June	0.0	0.5	0.0	0.1	0.8	0.0	0.0	0.0	0.9	14.9	<b>17.2</b>
July	0.1	0.0	0.0	3.6	0.2	26.6	0.0	0.0	0.0	14.9	<b>45.4</b>
August	0.0	0.8	0.0	0.9	0.0	34.7	0.0	0.5	1.5	13.2	<b>51.7</b>
September	0.0	0.0	0.0	1.8	0.0	59.1	0.0	0.8	0.1	12.8	<b>74.6</b>
October	0.0	0.0	2.7	16.2	0.1	36.2	0.0	1.7	0.3	8.2	<b>65.4</b>
November	0.5	0.0	0.5	0.6	2.2	32.1	0.0	2.4	5.5	3.1	<b>46.9</b>
December	0.0	0.0	0.0	0.7	0.0	10.3	0.0	1.6	0.6	4.2	<b>17.5</b>
<b>2000</b>											
January	0.0	0.0	0.0	1.9	0.4	4.8	0.0	8.4	3.2	0.0	<b>18.7</b>
February	0.0	1.1	0.1	0.4	0.0	4.6	0.0	0.5	2.0	0.8	<b>9.5</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>
TOTAL (\$ million)											
<b>1996-1997</b>	75.5	164.3	102.8	156.4	160.3	151.9	5.5	214.5	92.3	81.3	<b>1 204.5</b>
<b>1997-1998</b>	53.1	186.0	88.6	123.5	149.9	114.6	8.7	72.5	65.1	37.6	<b>899.8</b>
<b>1998-1999</b>	52.4	366.5	89.9	93.8	146.6	119.8	9.3	52.9	106.0	70.4	<b>1 108.3</b>
<b>1999</b>											
March	5.0	29.3	8.0	5.9	13.4	11.0	0.7	2.4	11.9	6.0	<b>93.6</b>
April	3.0	16.6	8.5	3.5	17.6	5.8	0.0	4.9	1.2	10.3	<b>71.5</b>
May	1.2	11.0	4.3	11.3	12.3	10.8	0.9	1.6	10.2	2.1	<b>65.7</b>
June	3.6	18.5	5.9	2.3	8.2	4.4	6.3	7.3	1.8	15.7	<b>74.2</b>
July	8.9	14.6	4.6	10.6	14.6	30.7	0.5	1.5	0.3	18.3	<b>104.6</b>
August	0.8	22.1	10.2	4.8	12.1	37.3	1.4	2.7	7.0	15.1	<b>113.4</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	0.9	3.1	1.5	<b>63.8</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>



## BUILDING APPROVED IN THE PERTH STATISTICAL DIVISION: Original

Period	DWELLINGS (no.).....			VALUE (\$'000).....					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential building(b)	Total residential building	Non- residential building	Total building
PRIVATE SECTOR									
<b>1997-1998</b>	10 296	1 546	11 930	1 074 780	152 837	150 499	1 378 116	523 117	1 901 233
<b>1998-1999</b>	11 951	1 936	14 032	1 313 512	222 359	180 632	1 716 504	708 754	2 425 257
<b>1999</b>									
March	1 106	152	1 336	121 767	15 251	21 941	158 960	56 105	215 064
April	954	179	1 145	104 171	19 385	13 859	137 415	42 969	180 384
May	1 146	121	1 269	124 131	11 409	15 439	150 980	27 960	178 939
June	1 152	354	1 517	140 847	28 810	14 298	183 954	45 360	229 314
July	1 202	247	1 454	132 508	35 215	18 629	186 351	39 311	225 662
August	1 198	215	1 429	131 401	21 089	20 424	172 914	34 943	207 857
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
PUBLIC SECTOR									
<b>1997-1998</b>	493	389	882	33 838	22 635	1 383	57 856	128 996	186 851
<b>1998-1999</b>	151	398	549	12 124	26 592	5 222	43 938	145 021	188 959
<b>1999</b>									
March	25	20	45	1 917	1 433	515	3 865	11 205	15 070
April	16	0	16	1 095	0	1 485	2 580	3 460	6 040
May	12	74	86	1 032	5 227	340	6 599	8 798	15 398
June	57	132	189	4 554	8 654	100	13 308	14 782	28 090
July	0	0	0	0	0	220	220	34 725	34 945
August	7	0	7	433	0	990	1 423	44 238	45 660
September	13	137	150	1 038	12 507	0	13 544	66 115	79 659
October	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	5 971	9 487
March	13	42	55	940	3 389	1 285	5 614	15 592	21 206
TOTAL									
<b>1997-1998</b>	10 789	1 935	12 812	1 108 618	175 472	151 882	1 435 972	652 112	2 088 084
<b>1998-1999</b>	12 102	2 334	14 581	1 325 636	248 950	185 854	1 760 441	853 774	2 614 215
<b>1999</b>									
March	1 131	172	1 381	123 684	16 684	22 456	162 825	67 310	230 134
April	970	179	1 161	105 267	19 385	15 344	139 995	46 429	186 424
May	1 158	195	1 355	125 163	16 636	15 779	157 579	36 758	194 337
June	1 209	486	1 706	145 400	37 464	14 398	197 262	60 142	257 404
July	1 202	247	1 454	132 508	35 215	18 849	186 571	74 036	260 607
August	1 205	215	1 436	131 834	21 089	21 414	174 337	79 181	253 517
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	40 965	264 881
March	1 064	185	1 254	135 312	18 169	14 603	168 084	42 040	210 124

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

(b) Refer to Explanatory Notes paragraph 12.

## BUILDINGS APPROVED IN STATISTICAL AREAS—March Quarter 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>	<b>4 408</b>	<b>950</b>	<b>5 415</b>	<b>526 574</b>	<b>151 139</b>	<b>56 091</b>	<b>733 803</b>	<b>195 143</b>	<b>928 946</b>
<b>Perth (SD)</b>	<b>3 101</b>	<b>850</b>	<b>4 000</b>	<b>371 203</b>	<b>140 597</b>	<b>43 082</b>	<b>554 881</b>	<b>119 184</b>	<b>674 065</b>
Central Metropolitan (SSD)	151	397	562	38 850	99 195	11 146	149 191	29 732	178 923
Cambridge (T)	25	0	25	6 639	0	1 576	8 216	5 409	13 625
Claremont (T)	7	4	12	2 075	430	1 207	3 711	610	4 321
Cottesloe (T)	15	5	20	3 582	1 700	1 490	6 772	60	6 832
Mosman Park (T)	10	0	10	3 650	0	536	4 186	650	4 836
Nedlands (C)	47	2	49	14 105	295	2 262	16 662	1 594	18 256
Peppermint Grove (S)	1	0	1	980	0	685	1 665	54	1 719
Perth (C)—Inner	1	0	1	236	0	0	236	4 296	4 532
Perth (C)—Remainder	9	347	358	1 763	92 400	0	94 163	14 752	108 915
Subiaco (C)	22	8	40	3 792	644	2 053	6 489	1 978	8 467
Vincent (T)	14	31	46	2 027	3 727	1 337	7 091	329	7 420
East Metropolitan (SSD)	652	25	678	66 664	2 010	6 637	75 311	19 136	94 447
Bassendean (T)	28	6	34	3 587	447	545	4 579	197	4 776
Bayswater (C)	142	0	143	17 297	0	1 246	18 542	2 812	21 355
Kalamunda (S)	44	8	52	5 189	848	1 633	7 671	3 399	11 070
Mundaring (S)	58	0	58	6 883	0	961	7 844	625	8 469
Swan (S)	380	11	391	33 708	715	2 252	36 675	12 102	48 778
North Metropolitan (SSD)	862	199	1 072	104 998	18 398	12 832	136 229	14 589	150 817
Joondalup (C)—North	161	41	205	21 010	5 538	679	27 228	1 539	28 766
Joondalup (C)—South	64	6	72	10 935	500	2 502	13 937	1 316	15 252
Stirling (C)—Central	180	97	282	19 268	7 441	2 379	29 088	4 597	33 685
Stirling (C)—Coastal	128	51	179	17 694	4 572	2 598	24 864	554	25 418
Stirling (C)—South-Eastern	14	0	14	2 539	0	2 240	4 779	0	4 779
Wanneroo (S)—North-East	105	2	108	9 821	190	348	10 359	660	11 019
Wanneroo (S)—North-West	152	2	154	17 593	156	390	18 140	958	19 098
Wanneroo (S)—South	58	0	58	6 139	0	1 696	7 835	4 966	12 801
South West Metropolitan (SSD)	677	81	778	77 037	7 350	5 589	89 976	26 229	116 205
Cockburn (C)	264	32	308	26 007	2 641	1 048	29 697	4 422	34 119
East Fremantle (T)	5	2	7	2 310	300	378	2 988	200	3 188
Fremantle (C)—Inner	0	0	0	0	0	10	10	350	360
Fremantle (C)—Remainder	30	8	45	3 959	817	1 267	6 043	10 470	16 513
Kwinana (T)	41	0	41	3 576	0	248	3 824	5 095	8 919
Melville (C)	108	18	127	17 684	1 910	1 979	21 573	2 999	24 572
Rockingham (C)	229	21	250	23 501	1 681	658	25 841	2 693	28 534
South East Metropolitan (SSD)	759	148	910	83 654	13 643	6 878	104 175	29 498	133 673
Armadale (C)	81	0	81	9 024	0	753	9 777	1 073	10 850
Belmont (C)	65	28	94	7 292	2 205	537	10 034	7 125	17 159
Canning (C)	172	38	212	16 372	3 580	1 406	21 358	12 644	34 001
Gosnells (C)	242	4	246	24 938	296	691	25 925	2 949	28 873
Serpentine—Jarrahdale (S)	45	0	45	4 888	0	221	5 109	497	5 606
South Perth (C)	90	14	104	13 944	1 273	2 553	17 770	2 250	20 020
Victoria Park (T)	64	64	128	7 196	6 289	717	14 202	2 961	17 164
<b>South West (SD)</b>	<b>741</b>	<b>54</b>	<b>797</b>	<b>87 430</b>	<b>6 023</b>	<b>6 921</b>	<b>100 373</b>	<b>27 389</b>	<b>127 762</b>
Dale (SSD)	240	2	242	29 451	250	1 617	31 318	1 368	32 686
Boddington (S)	2	0	2	255	0	34	289	0	289
Mandurah (C)	199	2	201	25 085	250	1 247	26 582	987	27 569
Murray (S)	32	0	32	3 445	0	280	3 726	381	4 107
Waroona (S)	7	0	7	666	0	56	721	0	721
Preston (SSD)	280	8	288	31 602	1 239	1 552	34 393	18 697	53 090
Bunbury (C)	100	8	108	12 542	1 239	721	14 502	9 743	24 245
Capel (S)	57	0	57	5 895	0	247	6 142	50	6 192
Collie (S)	5	0	5	553	0	88	641	60	701
Dardanup (S)	39	0	39	3 475	0	32	3 507	8 170	11 678
Donnybrook—Balingup (S)	20	0	20	2 007	0	84	2 091	160	2 251
Harvey (S)	59		59	7 130		379	7 509	514	8 023

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)	184	44	230	22 078	4 534	1 589	28 201	7 006	35 207
Augusta–Margaret River (S)	44	38	82	5 194	3 467	633	9 294	2 464	11 758
Busselton (S)	140	6	148	16 884	1 067	956	18 907	4 542	23 449
Blackwood (SSD)	37	0	37	4 298	0	2 163	6 461	317	6 778
Boyup Brook (S)	5	0	5	791	0	0	791	0	791
Bridgetown–Greenbushes (S)	9	0	9	766	0	60	826	0	826
Manjimup (S)	17	0	17	2 178	0	2 091	4 269	317	4 586
Nannup (S)	6	0	6	564	0	12	575	0	575
<b>Lower Great Southern (SD)</b>	<b>158</b>	<b>10</b>	<b>168</b>	<b>18 506</b>	<b>1 310</b>	<b>1 434</b>	<b>21 250</b>	<b>7 789</b>	<b>29 039</b>
Pallinup (SSD)	11	0	11	1 249	0	68	1 317	2 478	3 794
Broomehill (S)	0	0	0	0	0	0	0	0	0
Gnowangerup (S)	1	0	1	163	0	0	163	0	163
Jerramungup (S)	3	0	3	212	0	0	212	180	392
Katanning (S)	1	0	1	100	0	68	168	2 298	2 465
Kent (S)	0	0	0	0	0	0	0	0	0
Kojonup (S)	5	0	5	613	0	0	613	0	613
Tambellup (S)	0	0	0	0	0	0	0	0	0
Woodanilling (S)	1	0	1	162	0	0	162	0	162
King (SSD)	147	10	157	17 257	1 310	1 366	19 933	5 311	25 244
Albany (C)–Central	50	10	60	5 053	1 310	455	6 818	4 564	11 382
Albany (C)–Balance	64	0	64	8 392	0	781	9 172	313	9 485
Cranbrook (S)	1	0	1	75	0	0	75	0	75
Denmark (S)	27	0	27	3 276	0	72	3 348	434	3 782
Plantagenet (S)	5	0	5	461	0	58	520	0	520
<b>Upper Great Southern (SD)</b>	<b>18</b>	<b>0</b>	<b>18</b>	<b>2 066</b>	<b>0</b>	<b>293</b>	<b>2 359</b>	<b>0</b>	<b>2 359</b>
Hotham (SSD)	16	0	16	1 887	0	239	2 126	0	2 126
Brookton (S)	0	0	0	0	0	0	0	0	0
Cuballing (S)	3	0	3	200	0	0	200	0	200
Dumbleyung (S)	2	0	2	518	0	51	569	0	569
Narrogin (T)	1	0	1	140	0	18	158	0	158
Narrogin (S)	1	0	1	130	0	0	130	0	130
Pingelly (S)	3	0	3	193	0	80	273	0	273
Wagin (S)	0	0	0	0	0	0	0	0	0
Wandering (S)	0	0	0	0	0	0	0	0	0
West Arthur (S)	0	0	0	0	0	0	0	0	0
Wickepin (S)	2	0	2	366	0	10	376	0	376
Williams (S)	4	0	4	339	0	80	419	0	419
Lakes (SSD)	2	0	2	179	0	54	233	0	233
Corrigin (S)	2	0	2	179	0	54	233	0	233
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>128</b>	<b>3</b>	<b>131</b>	<b>11 506</b>	<b>299</b>	<b>787</b>	<b>12 591</b>	<b>4 207</b>	<b>16 798</b>
Moore (SSD)	52	0	52	4 513	0	273	4 786	2 217	7 003
Chittering (S)	11	0	11	1 098	0	12	1 110	114	1 224
Dandaragan (S)	9	0	9	854	0	82	936	150	1 086
Gingin (S)	27	0	27	2 086	0	105	2 190	0	2 190
Moora (S)	5	0	5	475	0	75	550	1 953	2 503
Victoria Plains (S)	0	0	0	0	0	0	0	0	0

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
Avon (SSD)	72	3	75	6 621	299	467	7 386	1 769	9 155
Beverley (S)	0	0	0	0	0	0	0	0	0
Cunderdin (S)	0	0	0	0	0	0	0	0	0
Dalwallinu (S)	3	0	3	385	0	69	454	140	594
Dowerin (S)	2	0	2	209	0	40	249	0	249
Goomalling (S)	0	0	0	0	0	0	0	0	0
Koorda (S)	0	0	0	0	0	20	20	0	20
Northam (T)	9	0	9	771	0	14	784	0	784
Northam (S)	18	3	21	1 744	299	56	2 099	55	2 154
Quairading (S)	0	0	0	0	0	0	0	0	0
Tammin (S)	0	0	0	0	0	0	0	0	0
Toodyay (S)	18	0	18	1 413	0	55	1 468	998	2 466
Wongan-Ballidu (S)	0	0	0	0	0	0	0	0	0
Wyalkatchem (S)	5	0	5	339	0	0	339	0	339
York (S)	17	0	17	1 760	0	213	1 973	576	2 549
Campion (SSD)	4	0	4	372	0	47	419	221	640
Bruce Rock (S)	0	0	0	0	0	0	0	0	0
Kellerberrin (S)	1	0	1	72	0	0	72	0	72
Merredin (S)	0	0	0	0	0	0	0	0	0
Mount Marshall (S)	0	0	0	0	0	0	0	221	221
Mukinbudin (S)	0	0	0	0	0	30	30	0	30
Narembeen (S)	2	0	2	129	0	17	146	0	146
Nungarin (S)	0	0	0	0	0	0	0	0	0
Trayning (S)	0	0	0	0	0	0	0	0	0
Westonia (S)	1	0	1	170	0	0	170	0	170
Yilgarn (S)	0	0	0	0	0	0	0	0	0
<b>South Eastern (SD)</b>	<b>59</b>	<b>22</b>	<b>81</b>	<b>7 365</b>	<b>1 523</b>	<b>983</b>	<b>9 871</b>	<b>19 610</b>	<b>29 481</b>
Lefroy (SSD)	30	22	52	3 739	1 523	589	5 851	14 441	20 292
Coolgardie (S)	0	0	0	0	0	47	47	0	47
Kalgoorlie/Boulder (C)	30	22	52	3 739	1 523	542	5 804	14 111	19 916
Laverton (S)	0	0	0	0	0	0	0	0	0
Leonora (S)	0	0	0	0	0	0	0	330	330
Menzies (S)	0	0	0	0	0	0	0	0	0
Ngaanyatjarraku (S)	0	0	0	0	0	0	0	0	0
Johnston (SSD)	29	0	29	3 626	0	394	4 020	5 169	9 189
Dundas (S)	0	0	0	0	0	0	0	0	0
Esperance (S)	27	0	27	3 347	0	394	3 741	5 059	8 801
Ravensthorpe (S)	2	0	2	279	0	0	279	110	389
<b>Central (SD)</b>	<b>117</b>	<b>6</b>	<b>129</b>	<b>15 587</b>	<b>505</b>	<b>1 529</b>	<b>17 621</b>	<b>5 407</b>	<b>23 028</b>
Gascoyne (SSD)	10	0	10	1 669	0	289	1 958	1 065	3 022
Carnarvon (S)	6	0	6	1 178	0	0	1 178	178	1 356
Exmouth (S)	4	0	4	491	0	272	763	537	1 300
Shark Bay (S)	0	0	0	0	0	17	17	350	367
Upper Gascoyne (S)	0	0	0	0	0	0	0	0	0
Carnegie (SSD)	6	4	10	1 078	350	14	1 442	0	1 442
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	150	0	14	164	0	164
Murchison (S)	0	0	0	0	0	0	0	0	0
Sandstone (S)	0	0	0	0	0	0	0	0	0
Wiluna (S)	5	4	9	928	350	0	1 278	0	1 278
Yalgoo (S)	0	0	0	0	0	0	0	0	0

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)	101	2	109	12 841	155	1 226	14 222	4 342	18 564
Carnamah (S)	0	0	0	0	0	0	0	0	0
Chapman Valley (S)	3	0	3	374	0	11	385	0	385
Coorow (S)	0	0	0	0	0	0	0	626	626
Geraldton (C)	14	0	20	1 924	0	684	2 607	456	3 063
Greenough (S)	45	0	45	6 316	0	472	6 787	3 163	9 950
Irwin (S)	23	2	25	2 716	155	0	2 871	97	2 968
Mingenew (S)	0	0	0	0	0	0	0	0	0
Morawa (S)	0	0	0	0	0	0	0	0	0
Mullewa (S)	1	0	1	107	0	0	107	0	107
Northampton (S)	15	0	15	1 405	0	60	1 465	0	1 465
Perenjori (S)	0	0	0	0	0	0	0	0	0
Three Springs (S)	0	0	0	0	0	0	0	0	0
<b>Pilbara (SD)</b>	<b>22</b>	<b>0</b>	<b>22</b>	<b>3 287</b>	<b>0</b>	<b>850</b>	<b>4 137</b>	<b>6 119</b>	<b>10 256</b>
De Grey (SSD)	19	0	19	2 611	0	445	3 057	2 334	5 390
East Pilbara (S)	8	0	8	883	0	359	1 242	100	1 342
Port Hedland (T)	11	0	11	1 728	0	86	1 814	2 234	4 048
Fortescue (SSD)	3	0	3	676	0	405	1 081	3 785	4 866
Ashburton (S)	0	0	0	0	0	44	44	2 615	2 659
Roebourne (S)	3	0	3	676	0	360	1 036	1 171	2 207
<b>Kimberley (SD)</b>	<b>64</b>	<b>5</b>	<b>69</b>	<b>9 624</b>	<b>883</b>	<b>213</b>	<b>10 720</b>	<b>5 438</b>	<b>16 158</b>
Ord (SSD)	3	3	6	535	703	96	1 334	555	1 889
Halls Creek (S)	1	0	1	228	0	0	228	0	228
Wyndham-East Kimberley (S)	2	3	5	307	703	96	1 106	555	1 661
Fitzroy (SSD)	61	2	63	9 089	180	118	9 386	4 883	14 270
Broome (S)	55	2	57	8 252	180	62	8 494	1 933	10 427
Derby-West Kimberley (S)	6	0	6	837	0	56	892	2 950	3 842

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

(b) Refer to Explanatory Notes paragraph 12.

# EXPLANATORY NOTES

## INTRODUCTION

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

## SCOPE AND COVERAGE

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

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

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

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

From July 1990, the statistics include:

- all approved new residential building valued at \$10,000 or more
- approved alterations and additions to residential building valued at \$10,000 or more
- all approved non-residential building jobs valued at \$50,000 or more.

Excluded from the statistics is:

- construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.). Statistics for this activity can be found in *Engineering Construction Activity, Australia* (Cat. no. 8762.0).

## VALUE DATA

**4** Value data are derived by aggregation of the estimated value of building work when completed as reported on approval documents. Such value data excludes the value of land and landscaping but includes site preparation. These estimates are usually a reliable indicator of the completed value of 'houses'. However, for 'other residential buildings' and 'non-residential buildings', these estimates can differ significantly from the completed value of the building.

## OWNERSHIP

**5** Building ownership is classified as either public or private sector and is based on the sector of intended owner of the completed building at the time of approval. Residential buildings constructed by private sector builders under government housing authority schemes are classified as public sector when the authority has contracted, or intends to contract, to purchase the building on or before completion.

## BUILDING CLASSIFICATIONS

**6** Building approvals are classified both by the Type of Building (e.g. 'house', 'factory') and by the Type of Work involved (e.g. 'new', 'alterations and additions'). These classifications are often used in conjunction with each other to describe building approvals in this publication.

**7** The Type of Building classification refers to the intended major function of a building. A building which is ancillary to other buildings or forms a part of a group of related buildings is classified to the function of the building, not to the function of the group as a whole.

## EXPLANATORY NOTES

### BUILDING CLASSIFICATIONS

*continued*

**8** An example of this rule is the treatment of work approved for a factory complex. For instance, a detached administration building would be classified to Offices, a detached cafeteria building to Shops, while the factory buildings would be classified Factories.

**9** An exception to this rule is the treatment of group accommodation buildings. For example, a student accommodation building on a university campus would be classified to Education.

**10** In the case of a large multi-function building, i.e. a single large physical building which, at the time of approval is intended to have more than one purpose (e.g. a hotel/shops/casino project), the ABS endeavours to split the approval details according to each main function.

**11** Where this is not possible because separate details cannot be obtained, the building is classified to the predominant function of the building on the basis of the function which represents the highest proportion of the total value of the project.

**12** The Type of Work classification refers to the building activity carried out: New; Alterations and additions; or Conversion. See the Glossary for definitions of these terms. Prior to the May 1998 issue of this publication, Conversions were published as part of a category called 'Conversions, etc.'. From the May 1998 issue onwards, Conversion jobs are shown separately in tables 5 and 6. However, in other tables they are included within existing categories, as follows: in tables 1, 2, 11 and 12 they are included in the appropriate Type of Building category, and in tables 3, 4, 11 and 12 they are included in the 'Alterations and additions to residential buildings' category.

### SEASONAL ADJUSTMENT

**13** Seasonal adjustment is a means of removing the estimated effects of seasonal variation from the series so that the effects of other influences can be more clearly recognised.

**14** In the seasonal adjustment of series, account has been taken of both normal seasonal factors and 'trading day' effects arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month. Adjustment has also been made for the influence of Easter which may affect the March and April estimates differently.

**15** Seasonal adjustment does not remove from the series the effect of irregular or non-seasonal influences (e.g. the approval of large projects or a change in the administrative arrangements of approving authorities).

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

**17** As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's data. The timing of this review may vary and when appropriate will be notified in the 'Data Notes' section of this publication.

## EXPLANATORY NOTES

### TREND ESTIMATES

**18** Smoothing seasonally adjusted series reduces the impact of the irregular component of the seasonally adjusted series and creates trend estimates. For monthly series, these trend estimates are derived by applying a 13-term Henderson-weighted moving average to all months of the respective seasonally adjusted series except the last six months. Trend series are created for the last six months by applying surrogates of the Henderson moving average to the seasonally adjusted series. For further information, see *A Guide to Interpreting Time Series—Monitoring 'Trends': an Overview* (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on (02) 6252 6076.

**19** While the smoothing techniques described in paragraph 18 enable trend estimates to be produced for the latest few periods, they do result in revisions to the trend estimates as new data becomes available. Generally, revisions become smaller over time and, after three months, usually have a negligible impact on the series. Revisions to the original data and re-analysis of seasonal factors may also lead to revisions to the trend.

### CHAIN VOLUME MEASURES

**20** The chain volume measures appearing in this publication are annually re-weighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 1997–98). The reference year will be updated annually in the July publication. While current price estimates reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes.

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

### AUSTRALIAN STANDARD GEOGRAPHICAL CLASSIFICATION (ASGC)

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

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

### UNPUBLISHED DATA

**24** The ABS can also make available certain building approvals data which are not published. Where the data cannot be provided by telephone, it can be provided via fax, photocopy, computer printout, floppy disk and email. A charge may be made for providing unpublished data in these forms.

### RELATED PUBLICATIONS

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

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



# EXPLANATORY NOTES



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

**SYMBOLS AND OTHER USAGES**

- n.a. not available
- n.y.a. not yet available
- C City
- S Shire
- SD Statistical Division
- SSD Statistical Subdivison
- T Town



## G L O S S A R Y

<b>Alterations and additions</b>	Building activity carried out on existing buildings. Includes adding to or diminishing floor area, altering the structural design of a building and affixing rigid components which are integral to the functioning of the building.
<b>Alterations and additions to residential buildings</b>	Alterations and additions carried out on existing residential buildings, which may result in the creation of new dwelling units. See also Explanatory Notes paragraph 12.
<b>Building</b>	A building is a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design is the provision for regular access by persons in order to satisfy its intended use.
<b>Conversion</b>	Building activity which converts a non-residential building to a residential building, e.g. conversion of a warehouse to residential apartments. Conversion is considered to be a special type of alteration, and these jobs have been separately identified as such from the July 1996 reference month, though they have only appeared separately in this publication from the May 1998 issue. Prior to that issue, conversions were published as part of the 'Conversions, etc.' category or included elsewhere within a table. Prior to July 1996, Table 5 includes the number of Conversions in the 'Alterations and additions to residential buildings' category while Table 6 includes the value of Conversions in the 'Alterations and additions to residential buildings, creating dwellings' category. See also Explanatory Notes paragraph 12.
<b>Dwelling unit</b>	A dwelling unit is a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Regardless of whether they are self-contained or not, units within buildings offering institutional care (e.g. hospitals) or temporary accommodation (e.g. motels, hostels and holiday apartments) are not defined as dwelling units. Such units are included in the appropriate category of non-residential building approvals. Dwelling units can be created in one of four ways: through new work to create a residential building; through alteration/addition work to an existing residential building; through either new or alteration/addition work on non-residential building or through conversion of a non-residential building to a residential building.
<b>Educational</b>	Includes schools, colleges, kindergartens, libraries, museums and universities.
<b>Entertainment and recreational</b>	Includes clubs, cinemas, sport and recreation centres.
<b>Factories</b>	Includes paper mills, oil refinery buildings, brickworks and powerhouses.
<b>Flats, units or apartments</b>	Dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell.
<b>Health</b>	Includes hospitals, nursing homes, surgeries, clinics and medical centres.
<b>Hotels, motels and other short term accommodation</b>	Includes hostels, boarding houses, guest houses, and holiday apartment buildings.
<b>House</b>	A house is a detached building primarily used for long term residential purposes. It consists of one dwelling unit. For instance, detached 'granny flats' and detached dwelling units (e.g. caretakers residences) associated with a non-residential building are defined as houses.

## G L O S S A R Y

<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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