

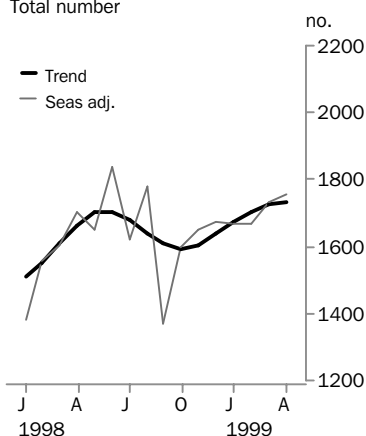
BUILDING APPROVALS

WESTERN
AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) WED 9 JUNE 1999

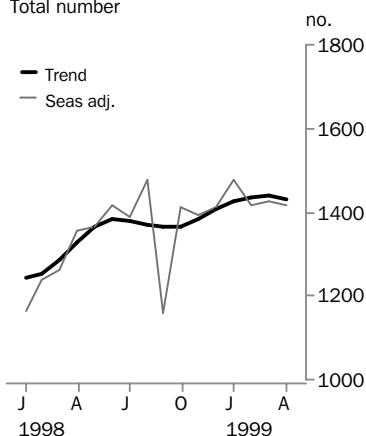
Dwelling units approved

Total number



Private sector houses approved

Total number



APRIL KEY FIGURES

TREND ESTIMATES

	Apr 1999	% change Mar 1999 to Apr 1999	% change Apr 1998 to Apr 1999
Dwelling units approved			
Private sector houses	1 429	-0.8	7.8
Total dwelling units	1 735	0.5	4.4

SEASONALLY ADJUSTED

	Apr 1999	% change Mar 1999 to Apr 1999	% change Apr 1998 to Apr 1999
Dwelling units approved			
Private sector houses	1 418	-0.5	4.7
Total dwelling units	1 753	1.0	2.8

APRIL KEY POINTS

TREND ESTIMATES

- The upward movement in trend for total dwellings has continued in April, rising 0.5% over the previous month and a total of 8.8% since October 1998. However, the rate of increase is slowing.
- The trend for private sector houses has fallen for the first time in 7 months. It will resume growth if the seasonally adjusted estimate for May rises by more than 3.5% (the average monthly movement is 6.0%)

SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for total dwellings increased for the third consecutive month, to be 5.2% above the January level.
- The seasonally adjusted estimate for private sector houses fell marginally in April, by 0.5%.

ORIGINAL ESTIMATES

- There were 1,653 dwellings approved in April. While this is down 14.0% (268 dwellings) on March it is comparable to the levels approved in the latter part of 1998.
- Swan (121) was the only area of the State to record more than one hundred dwelling approvals. Rockingham (89), Cockburn (81) and Canning (80) within the Perth Statistical Division and Mandurah and Bunbury (50 each) were others in the rest of the State to have high numbers approved.

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

NOTES

FORTHCOMING ISSUES

<i>ISSUE</i>	<i>RELEASE DATE</i>
May 1999	8 July 1999
June 1999	6 August 1999
July 1999	7 September 1999
August 1999	8 October 1999
September 1999	9 November 1999
October 1999	7 December 1999



CHANGES IN THIS ISSUE

There are no changes in this issue.



DATA NOTES

There are no data notes in this issue.



REVISIONS THIS MONTH

There are no revisions this month.



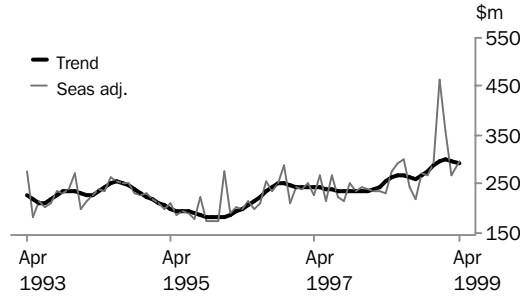
Colin Nagle
Regional Director, Western Australia



VALUE OF BUILDINGS APPROVED

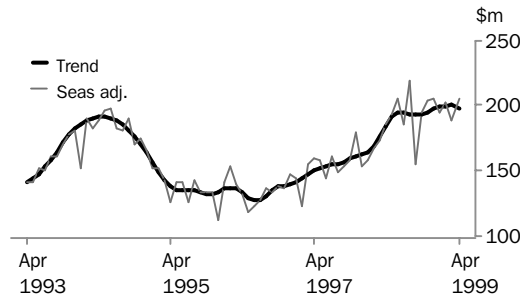
VALUE OF TOTAL BUILDING

The trend has dropped by 2.2% from the peak of February 1999. However, an increase of only 1% in the seasonally adjusted estimate (the average monthly movement is 14%) will restore growth to the trend.



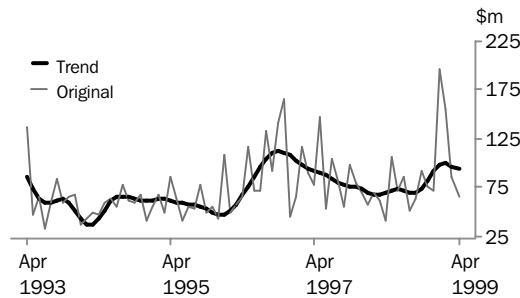
VALUE OF RESIDENTIAL BUILDING

Growth in the trend has been checked for the first time since September 1998. It is still 7.4% above the level of a year ago.



VALUE OF NON-RESIDENTIAL BUILDING

The trend fell a further 3.1% in April to be 5.1% below the peak of February. It appears to have lost the upward momentum evident since early 1998.



VALUE OF BUILDING APPROVED

CHAIN VOLUME MEASURES

MARCH QUARTER 1999

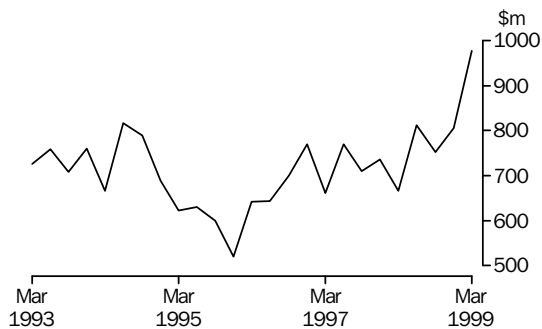
Changes in the original series of value of building approvals in the March Quarter 1999 in chain volume measures are summarised below.

ORIGINAL ESTIMATES

	<i>Dec Qtr 1998 to Mar Qtr 1999 % change</i>	<i>Mar Qtr 1998 to Mar Qtr 1999 % change</i>
New residential building	-4.7	13.7
Alterations and additions to residential buildings	12.2	32.2
Non-residential building	81.0	127.3
Total building	21.4	46.8

The value of total building in the March quarter 1999 increased by \$172.5 million (or 21.4%) on the December quarter 1998. The rise in the March quarter was due to the relatively high value of non-residential building, which increased by \$190.1 million (+81.0%) on the December quarter 1998 and \$237.8 million (127.3%) higher than the corresponding period of 1998.

QUARTERLY VALUE OF BUILDING APPROVED (chain volume measures)



WHAT IF...? REVISIONS TO TREND ESTIMATES

EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

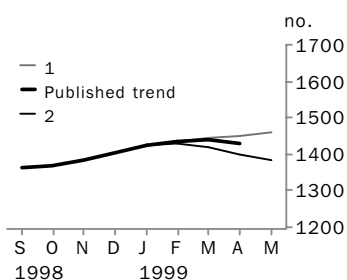
TREND REVISIONS

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

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

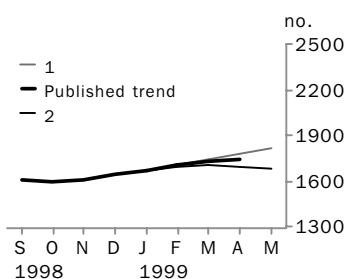
The graphs and tables which follow present the effect of two possible scenarios on the previous trend estimates: that the May seasonally adjusted estimate is higher than the April estimate by 6% for the number of private sector houses approved and 9% for total dwelling units approved; and that the May seasonally adjusted estimate is lower than the April estimate by 6% for the number of private sector houses approved and 9% 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	1		2	
			<i>rises by 6% on Apr 1999</i>		<i>falls by 6% on Apr 1999</i>	
	no.	% change	no.	% change	no.	% change
December 1998	1 406	1.6	1 403	1.5	1 409	1.7
January 1999	1 424	1.3	1 423	1.4	1 426	1.2
February 1999	1 434	0.7	1 437	1.0	1 429	0.2
March 1999	1 440	0.4	1 444	0.5	1 419	-0.7
April 1999	1 429	-0.8	1 449	0.3	1 401	-1.3
May 1999	n.y.a.	n.y.a.	1 459	0.7	1 386	-1.1

TOTAL DWELLING UNITS



	TREND AS PUBLISHED		WHAT IF NEXT QUARTER'S SEASONALLY ADJUSTED ESTIMATE:			
	no.	% change	1		2	
			<i>rises by 9% on Apr 1999</i>		<i>falls by 9% on Apr 1999</i>	
	no.	% change	no.	% change	no.	% change
December 1998	1 637	1.9	1 629	1.7	1 640	2.0
January 1999	1 671	2.1	1 668	2.4	1 673	2.0
February 1999	1 700	1.7	1 708	2.4	1 693	1.2
March 1999	1 727	1.6	1 745	2.2	1 698	0.3
April 1999	1 735	0.5	1 782	2.1	1 693	-0.3
May 1999	n.y.a.	n.y.a.	1 819	2.1	1 684	-0.5

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						
1998						
February	1 123	1 162	238	279	1 361	1 441
March	1 330	1 363	252	384	1 582	1 747
April	1 296	1 377	143	199	1 439	1 576
May	1 481	1 505	261	289	1 742	1 794
June	1 491	1 832	212	222	1 703	2 054
July	1 460	1 549	141	158	1 601	1 707
August	1 458	1 483	228	252	1 686	1 735
September	1 239	1 257	124	156	1 363	1 413
October	1 454	1 462	127	172	1 581	1 634
November	1 395	1 404	193	245	1 588	1 649
December	1 383	1 393	192	248	1 575	1 641
1999						
January	1 142	1 148	110	159	1 252	1 307
February	1 284	1 290	205	257	1 489	1 547
March	1 562	1 606	279	315	1 841	1 921
April	1 379	1 431	220	222	1 599	1 653
SEASONALLY ADJUSTED						
1998						
February	1 237	1 288	n.a.	n.a.	1 466	1 556
March	1 263	1 290	n.a.	n.a.	1 484	1 605
April	1 354	1 418	n.a.	n.a.	1 587	1 705
May	1 364	1 382	n.a.	n.a.	1 612	1 649
June	1 415	1 604	n.a.	n.a.	1 668	1 836
July	1 387	1 501	n.a.	n.a.	1 505	1 623
August	1 476	1 507	n.a.	n.a.	1 692	1 780
September	1 159	1 176	n.a.	n.a.	1 297	1 372
October	1 410	1 427	n.a.	n.a.	1 525	1 599
November	1 393	1 404	n.a.	n.a.	1 555	1 648
December	1 413	1 425	n.a.	n.a.	1 614	1 676
1999						
January	1 475	1 485	n.a.	n.a.	1 565	1 666
February	1 416	1 424	n.a.	n.a.	1 602	1 668
March	1 425	1 456	n.a.	n.a.	1 678	1 735
April	1 418	1 462	n.a.	n.a.	1 710	1 753
TREND ESTIMATES						
1998						
February	1 254	1 297	199	256	1 454	1 553
March	1 285	1 338	220	269	1 505	1 607
April	1 326	1 393	232	269	1 557	1 662
May	1 363	1 444	230	257	1 593	1 701
June	1 383	1 470	214	235	1 597	1 705
July	1 381	1 463	192	214	1 572	1 677
August	1 369	1 435	171	203	1 541	1 638
September	1 363	1 406	154	201	1 517	1 607
October	1 367	1 389	143	205	1 510	1 594
November	1 384	1 393	143	214	1 527	1 606
December	1 406	1 413	154	224	1 560	1 637
1999						
January	1 424	1 434	172	237	1 597	1 671
February	1 434	1 447	196	252	1 631	1 700
March	1 440	1 457	224	270	1 665	1 727
April	1 429	1 450	251	285	1 680	1 735

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)						
1998						
February	17.8	19.1	46.0	55.9	22.0	24.8
March	18.4	17.3	5.9	37.6	16.2	21.2
April	-2.6	1.0	-43.3	-48.2	-9.0	-9.8
May	14.3	9.3	82.5	45.2	21.1	13.8
June	0.7	21.7	-18.8	-23.2	-2.2	14.5
July	-2.1	-15.4	-33.5	-28.8	-6.0	-16.9
August	-0.1	-4.3	61.7	59.5	5.3	1.6
September	-15.0	-15.2	-45.6	-38.1	-19.2	-18.6
October	17.4	16.3	2.4	10.3	16.0	15.6
November	-4.1	-4.0	52.0	42.4	0.4	0.9
December	-0.9	-0.8	-0.5	1.2	-0.8	-0.5
1999						
January	-17.4	-17.6	-42.7	-35.9	-20.5	-20.4
February	12.4	12.4	86.4	61.6	18.9	18.4
March	21.7	24.5	36.1	22.6	23.6	24.2
April	-11.7	-10.9	-21.1	-29.5	-13.1	-14.0
SEASONALLY ADJUSTED (% change from preceding month)						
1998						
February	6.1	7.0	n.a.	n.a.	11.5	12.5
March	2.1	0.1	n.a.	n.a.	1.2	3.1
April	7.2	9.9	n.a.	n.a.	7.0	6.3
May	0.8	-2.5	n.a.	n.a.	1.6	-3.3
June	3.7	16.0	n.a.	n.a.	3.4	11.3
July	-2.0	-6.4	n.a.	n.a.	-9.7	-11.6
August	6.4	0.4	n.a.	n.a.	12.4	9.6
September	-21.5	-22.0	n.a.	n.a.	-23.3	-22.9
October	21.7	21.4	n.a.	n.a.	17.6	16.5
November	-1.2	-1.6	n.a.	n.a.	2.0	3.1
December	1.5	1.5	n.a.	n.a.	3.8	1.7
1999						
January	4.4	4.2	n.a.	n.a.	-3.0	-0.6
February	-4.0	-4.1	n.a.	n.a.	2.4	0.1
March	0.7	2.3	n.a.	n.a.	4.7	4.0
April	-0.5	0.4	n.a.	n.a.	1.9	1.0
TREND ESTIMATES (% change from preceding month)						
1998						
February	1.1	1.2	15.4	12.0	2.8	2.8
March	2.5	3.1	10.4	5.1	3.6	3.4
April	3.1	4.1	5.3	0.0	3.5	3.4
May	2.8	3.7	-0.7	-4.7	2.3	2.3
June	1.5	1.8	-7.0	-8.5	0.2	0.3
July	-0.2	-0.5	-10.3	-8.7	-1.5	-1.6
August	-0.8	-1.9	-10.8	-5.4	-2.0	-2.4
September	-0.5	-2.0	-9.8	-0.9	-1.5	-1.9
October	0.3	-1.2	-7.3	2.2	-0.4	-0.8
November	1.2	0.3	-0.1	4.1	1.1	0.7
December	1.6	1.4	7.7	5.0	2.2	1.9
1999						
January	1.3	1.5	11.9	5.5	2.4	2.1
February	0.7	0.9	14.2	6.6	2.1	1.7
March	0.4	0.7	14.2	6.9	2.1	1.6
April	-0.8	-0.5	11.8	5.6	0.9	0.5

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					
1998					
February	138.8	16.5	155.3	69.1	224.4
March	172.8	16.2	189.0	62.4	251.4
April	163.3	12.4	175.7	42.3	218.0
May	195.5	16.7	212.2	106.1	318.3
June	201.7	13.8	215.5	71.1	286.7
July	179.5	17.4	196.9	85.9	282.8
August	188.5	16.2	204.7	51.3	256.1
September	149.5	16.5	166.1	63.8	229.9
October	175.8	19.9	195.7	92.4	288.1
November	178.0	17.4	195.4	77.0	272.4
December	180.1	19.3	199.4	71.5	270.8
1999					
January	148.3	19.6	167.9	197.1	365.0
February	169.5	18.2	187.8	156.3	344.0
March	195.4	26.1	221.5	86.6	308.1
April	179.6	17.7	197.3	66.4	263.7
SEASONALLY ADJUSTED					
1998					
February	151.2	16.5	167.7	n.a.	234.2
March	159.3	14.2	173.5	n.a.	234.6
April	171.8	14.0	185.8	n.a.	229.6
May	176.2	17.6	193.8	n.a.	275.7
June	190.8	15.4	206.1	n.a.	291.8
July	169.0	17.4	186.4	n.a.	299.3
August	202.0	17.1	219.0	n.a.	244.7
September	140.9	14.0	154.9	n.a.	220.3
October	176.3	19.2	195.4	n.a.	273.2
November	187.5	17.0	204.5	n.a.	266.8
December	186.5	19.1	205.6	n.a.	294.4
1999					
January	172.9	22.4	195.3	n.a.	463.8
February	184.8	18.3	203.2	n.a.	359.6
March	167.5	20.7	188.1	n.a.	269.0
April	183.5	22.2	205.6	n.a.	295.3
TREND ESTIMATES					
1998					
February	153.9	15.5	169.4	68.4	237.9
March	161.0	15.5	176.5	68.1	244.6
April	169.3	15.6	184.9	69.6	254.5
May	176.0	15.8	191.7	72.1	263.8
June	179.1	16.0	195.1	73.4	268.4
July	178.8	16.2	195.0	71.6	266.6
August	177.1	16.5	193.5	69.0	262.5
September	175.9	16.9	192.7	69.0	261.8
October	175.9	17.4	193.3	73.8	267.1
November	177.1	18.2	195.2	82.4	277.6
December	178.6	19.0	197.7	92.1	289.7
1999					
January	179.5	19.8	199.3	98.3	297.6
February	179.5	20.4	200.0	99.5	299.5
March	179.6	21.0	200.6	97.4	298.1
April	177.3	21.3	198.6	94.4	293.0

(a) Refer to Explanatory Notes paragraph 12.

VALUE OF BUILDING APPROVED, Percentage Change

Month	New residential building	Alterations and additions to residential buildings(a)	Total residential building	Non-residential building	Total building
ORIGINAL (% change from preceding month)					
1998					
February	13.5	19.6	14.1	19.9	15.8
March	24.5	-1.7	21.7	-9.7	12.0
April	-5.5	-23.1	-7.0	-32.3	-13.3
May	19.8	34.1	20.8	150.9	46.0
June	3.2	-17.3	1.6	-32.9	-9.9
July	-11.0	26.3	-8.6	20.7	-1.4
August	5.0	-6.9	4.0	-40.2	-9.4
September	-20.7	1.9	-18.9	24.3	-10.2
October	17.6	20.1	17.8	44.8	25.3
November	1.3	-12.4	-0.1	-16.7	-5.4
December	1.2	10.7	2.0	-7.2	-0.6
1999					
January	-17.7	1.9	-15.8	175.8	34.8
February	14.3	-7.1	11.8	-20.7	-5.7
March	15.2	43.0	17.9	-44.6	-10.5
April	-8.1	-32.0	-10.9	-23.4	-14.4
SEASONALLY ADJUSTED (% change from preceding month)					
1998					
February	6.1	3.4	5.9	n.a.	-2.1
March	5.4	-14.0	3.5	n.a.	0.1
April	7.9	-1.6	7.1	n.a.	-2.1
May	2.5	26.1	4.3	n.a.	20.1
June	8.3	-12.8	6.3	n.a.	5.8
July	-11.4	13.1	-9.6	n.a.	2.6
August	19.5	-1.9	17.5	n.a.	-18.2
September	-30.3	-18.0	-29.3	n.a.	-10.0
October	25.1	36.9	26.2	n.a.	24.0
November	6.4	-11.1	4.6	n.a.	-2.3
December	-0.5	12.0	0.5	n.a.	10.3
1999					
January	-7.3	17.6	-5.0	n.a.	57.5
February	6.9	-18.2	4.0	n.a.	-22.5
March	-9.4	12.6	-7.4	n.a.	-25.2
April	9.5	7.2	9.3	n.a.	9.8
TREND ESTIMATES (% change from preceding month)					
1998					
February	3.0	-1.0	2.7	-2.9	1.0
March	4.6	0.0	4.2	-0.5	2.8
April	5.2	0.6	4.7	2.2	4.0
May	3.9	1.3	3.7	3.6	3.7
June	1.8	1.6	1.7	1.7	1.7
July	-0.2	1.3	0.0	-2.4	-0.7
August	-1.0	1.6	-0.7	-3.7	-1.5
September	-0.7	2.4	-0.4	0.1	-0.3
October	0.0	3.2	0.3	6.8	2.0
November	0.7	4.3	1.0	11.7	4.0
December	0.9	4.6	1.2	11.7	4.4
1999					
January	0.5	4.1	0.8	6.8	2.7
February	0.0	3.3	0.3	1.2	0.6
March	0.1	2.8	0.3	-2.1	-0.5
April	-1.3	1.2	-1.0	-3.1	-1.7

(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)						
1995-1996	11 946	2 900	(b) 65	(b) 0	50	14 961
1996-1997	13 067	1 682	56	3	32	14 840
1997-1998	14 960	2 026	45	21	40	17 092
1998						
April	1 295	140	1	1	2	1 439
May	1 480	260	1	1	0	1 742
June	1 490	208	2	3	0	1 703
July	1 459	134	6	1	1	1 601
August	1 458	224	0	0	4	1 686
September	1 238	118	1	1	5	1 363
October	1 453	124	2	1	1	1 581
November	1 392	184	4	3	5	1 588
December	1 381	175	2	15	2	1 575
1999						
January	1 142	108	2	0	0	1 252
February	1 284	201	3	0	1	1 489
March	1 562	201	1	77	0	1 841
April	1 379	208	0	0	12	1 599
PUBLIC SECTOR (Number)						
1995-1996	266	627	(b) 0	(b) 0	0	893
1996-1997	565	331	6	0	0	902
1997-1998	868	500	0	0	0	1 368
1998						
April	81	56	0	0	0	137
May	24	28	0	0	0	52
June	341	10	0	0	0	351
July	89	17	0	0	0	106
August	25	24	0	0	0	49
September	18	32	0	0	0	50
October	8	45	0	0	0	53
November	9	45	7	0	0	61
December	10	56	0	0	0	66
1999						
January	6	49	0	0	0	55
February	6	52	0	0	0	58
March	44	36	0	0	0	80
April	52	2	0	0	0	54
TOTAL (Number)						
1995-1996	12 212	3 527	(b) 65	(b) 0	50	15 854
1996-1997	13 632	2 013	62	3	32	15 742
1997-1998	15 828	2 526	45	21	40	18 460
1998						
April	1 376	196	1	1	2	1 576
May	1 504	288	1	1	0	1 794
June	1 831	218	2	3	0	2 054
July	1 548	151	6	1	1	1 707
August	1 483	248	0	0	4	1 735
September	1 256	150	1	1	5	1 413
October	1 461	169	2	1	1	1 634
November	1 401	229	11	3	5	1 649
December	1 391	231	2	15	2	1 641
1999						
January	1 148	157	2	0	0	1 307
February	1 290	253	3	0	1	1 547
March	1 606	237	1	77	0	1 921
April	1 431	210	0	0	12	1 653

(a) See Glossary for definition.

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

VALUE OF BUILDING APPROVED, Private and Public Sector: Original

Period	New houses	New other residential building	Alterations and additions creating dwellings	Alterations and additions not creating dwellings	Conversion(a)	Total residential building	Non-residential building (a)	Total building
PRIVATE SECTOR (\$ million)								
1995-1996	1 123.8	225.5	(b) 3.4	158.9	(b) 0.0	1 511.8	692.1	2 203.6
1996-1997	1 294.1	154.0	4.8	163.9	0.1	1 616.6	773.9	2 390.9
1997-1998	1 561.5	189.6	2.4	182.5	0.9	1 936.9	706.7	2 643.5
1998								
April	137.1	15.1	0.1	12.1	0.0	164.3	33.7	198.0
May	149.6	41.0	0.0	15.7	0.0	206.4	74.6	281.0
June	158.0	17.2	0.3	13.0	0.5	188.9	62.4	251.2
July	155.1	14.7	0.3	16.0	0.0	186.1	65.5	251.6
August	152.6	31.3	0.0	16.2	0.0	200.1	39.9	240.0
September	132.5	12.7	0.1	16.3	0.1	161.7	60.8	222.5
October	159.2	12.4	0.1	19.0	0.0	190.8	78.0	268.8
November	148.5	25.9	0.3	16.2	0.2	191.2	64.0	255.2
December	153.9	20.9	0.1	18.0	1.2	194.0	54.4	248.4
1999								
January	126.5	17.6	0.3	18.7	0.0	163.1	163.8	326.9
February	140.0	25.6	0.1	18.0	0.0	183.8	121.3	305.1
March	172.2	16.0	0.0	18.4	7.1	213.8	81.6	295.4
April	151.5	21.7	0.0	16.2	0.0	189.4	60.2	249.6
PUBLIC SECTOR (\$ million)								
1995-1996	24.6	46.7	(b) 0.0	0.5	(b) 0.0	72.0	111.0	183.0
1996-1997	54.9	21.7	0.1	4.0	0.0	80.5	430.0	510.7
1997-1998	72.9	32.5	0.0	1.7	0.0	107.4	193.3	300.3
1998								
April	7.0	4.1	0.0	0.3	0.0	11.4	8.6	20.0
May	2.3	2.6	0.0	0.9	0.0	5.8	31.5	37.3
June	25.3	1.2	0.0	0.1	0.0	26.7	8.8	35.4
July	8.1	1.5	0.0	1.2	0.0	10.8	20.3	31.1
August	3.0	1.5	0.0	0.0	0.0	4.6	11.4	16.0
September	1.9	2.4	0.0	0.1	0.0	4.3	3.0	7.4
October	1.4	2.7	0.0	0.7	0.0	4.8	14.4	19.3
November	1.0	2.6	0.4	0.2	0.0	4.3	13.0	17.3
December	1.5	3.8	0.0	0.0	0.0	5.3	17.1	22.5
1999								
January	0.8	3.3	0.0	0.7	0.0	4.8	33.3	38.1
February	0.6	3.2	0.0	0.1	0.0	4.0	34.9	38.9
March	4.1	3.0	0.0	0.5	0.0	7.6	5.1	12.7
April	6.2	0.3	0.0	1.5	0.0	7.9	6.2	14.1
TOTAL (\$ million)								
1995-1996	1 148.3	272.4	(b) 3.4	159.3	(b) 0.0	1 583.6	803.1	2 386.7
1996-1997	1 348.9	175.8	4.9	167.7	0.1	1 697.3	1 204.5	2 901.8
1997-1998	1 634.2	222.0	2.4	184.3	0.9	2 043.9	899.8	2 943.8
1998								
April	144.1	19.1	0.1	12.3	0.0	175.7	42.3	218.0
May	151.9	43.6	0.0	16.6	0.0	212.2	106.1	318.3
June	183.3	18.4	0.3	13.1	0.5	215.5	71.1	286.7
July	163.2	16.3	0.3	17.2	0.0	196.9	85.9	282.8
August	155.7	32.8	0.0	16.2	0.0	204.7	51.3	256.1
September	134.4	15.1	0.1	16.4	0.1	166.1	63.8	229.9
October	160.6	15.2	0.1	19.7	0.0	195.7	92.4	288.1
November	149.5	28.5	0.8	16.5	0.2	195.4	77.0	272.4
December	155.4	24.7	0.1	18.0	1.2	199.4	71.5	270.8
1999								
January	127.4	20.9	0.3	19.4	0.0	167.9	197.1	365.0
February	140.7	28.9	0.1	18.1	0.0	187.8	156.3	344.0
March	176.3	19.1	0.0	19.0	7.1	221.5	86.6	308.1
April	157.6	22.0	0.0	17.7	0.0	197.3	66.4	263.7

(a) See Glossary for definition.

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

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

NEW OTHER RESIDENTIAL BUILDING.....

Period	New houses	Semi-detached, row or terrace houses, townhouses, etc of.....			Flats, units or apartments in a building of.....			Total	Total new residential building	
		One storey	Two or more storeys	Total	One or two storeys	Three storeys	Four or more storeys	Total		
	NUMBER OF DWELLINGS									
1995-1996	12 212	2 932	354	3 286	6	83	152	241	3 527	15 739
1996-1997	13 632	1 179	376	1 555	75	194	189	458	2 013	15 645
1997-1998	15 828	1 672	324	1 996	166	95	269	530	2 526	18 354
1998										
February	1 162	178	59	237	0	19	22	41	278	1 440
March	1 363	235	17	252	56	22	50	128	380	1 743
April	1 376	135	44	179	6	5	6	17	196	1 572
May	1 504	96	33	129	25	16	118	159	288	1 792
June	1 831	108	63	171	33	0	14	47	218	2 049
July	1 548	90	50	140	0	0	11	11	151	1 699
August	1 483	137	43	180	24	8	36	68	248	1 731
September	1 256	75	48	123	0	12	15	27	150	1 406
October	1 461	91	40	131	14	0	24	38	169	1 630
November	1 401	138	52	190	0	0	39	39	229	1 630
December	1 391	134	67	201	0	0	30	30	231	1 622
1999										
January	1 148	104	41	145	0	0	12	12	157	1 305
February	1 290	95	113	208	0	0	45	45	253	1 543
March	1 606	189	38	227	0	0	10	10	237	1 843
April	1 431	93	44	137	9	30	34	73	210	1 641
VALUE (\$ million)										
1995-1996	1 148.3	207.1	33.8	240.9	0.3	10.7	20.4	31.4	272.3	1 420.7
1996-1997	1 349.0	86.5	31.9	118.4	7.5	17.9	31.9	57.3	175.7	1 524.6
1997-1998	1 634.3	117.3	31.4	148.7	13.5	10.7	49.2	73.4	222.1	1 856.4
1998										
February	120.2	10.6	4.8	15.4	0.0	0.5	2.7	3.2	18.6	138.8
March	143.7	14.9	1.7	16.5	5.0	2.8	4.8	12.6	29.1	172.8
April	144.1	10.7	4.7	15.4	0.4	0.8	2.6	3.8	19.1	163.3
May	151.9	6.9	3.8	10.7	2.1	4.1	26.7	32.9	43.6	195.5
June	183.3	8.8	4.8	13.6	2.0	0.0	2.8	4.8	18.4	201.7
July	163.2	7.1	8.1	15.2	0.0	0.0	1.1	1.1	16.3	179.5
August	155.7	9.2	4.5	13.6	2.3	0.7	16.2	19.2	32.8	188.5
September	134.4	5.3	4.8	10.1	0.0	0.9	4.1	5.0	15.1	149.5
October	160.6	6.2	3.0	9.2	1.4	0.0	4.6	6.0	15.2	175.8
November	149.5	9.4	9.7	19.0	0.0	0.0	9.4	9.4	28.5	178.0
December	155.4	9.8	8.7	18.5	0.0	0.0	6.2	6.2	24.7	180.1
1999										
January	127.4	7.9	6.4	14.2	0.0	0.0	6.7	6.7	20.9	148.3
February	140.7	6.8	11.6	18.4	0.0	0.0	10.5	10.5	28.9	169.5
March	176.3	12.7	4.3	17.0	0.0	0.0	2.0	2.0	19.1	195.4
April	157.6	7.1	6.0	13.1	0.7	2.4	5.7	8.9	22.0	179.6

(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)							
1995-1996	1 147.2	276.5	1 421.9	162.7	1 584.6	817.2	2 404.9
1996-1997	1 349.0	175.7	1 524.6	172.7	1 697.3	1 204.4	2 901.7
1997-1998	1 630.7	219.0	1 849.7	187.2	2 036.8	888.1	2 924.9
1997							
December	402.5	37.8	440.3	50.7	491.0	244.7	735.7
1998							
March	369.2	64.0	433.2	46.4	479.5	186.8	666.3
June	474.4	80.0	554.4	42.5	596.8	216.2	813.1
September	443.5	63.1	506.6	49.1	555.8	197.0	752.8
December	449.9	66.9	516.8	54.6	571.4	234.5	805.9
1999							
March	425.7	66.8	492.5	61.3	553.8	424.6	978.4
ORIGINAL (% change from preceding quarter)							
1997							
December	4.7	1.6	4.4	6.6	4.6	1.8	3.7
1998							
March	-8.3	69.2	-1.6	-8.6	-2.3	-23.7	-9.4
June	28.5	25.1	28.0	-8.4	24.5	15.7	22.0
September	-6.5	-21.1	-8.6	15.7	-6.9	-8.9	-7.4
December	1.4	5.9	2.0	11.2	2.8	19.0	7.1
1999							
March	-5.4	0.0	-4.7	12.2	-3.1	81.0	21.4

(a) Reference year for chain volume measures is 1996-97. 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>	
	<i>no.</i>	<i>\$m</i>	<i>no.</i>	<i>\$m</i>	<i>no.</i>	<i>\$m</i>	<i>no.</i>	<i>\$m</i>	<i>no.</i>	<i>\$m</i>	<i>no.</i>	<i>\$m</i>
Value—\$50,000—\$199,999												
1999												
February	8	0.9	20	1.6	8	1.0	11	0.9	12	1.3	3	0.2
March	4	0.5	32	2.6	20	2.4	15	1.5	15	1.7	4	0.6
April	4	0.5	24	2.4	12	1.3	10	1.1	19	2.1	1	0.1
Value—\$200,000—\$499,999												
1999												
February	1	0.3	7	2.1	11	3.6	4	1.2	12	4.0	0	0.0
March	1	0.2	6	2.2	6	1.6	8	2.3	10	3.3	0	0.0
April	1	0.2	9	2.4	8	2.2	3	0.7	8	2.5	2	0.5
Value—\$500,000—\$999,999												
1999												
February	1	0.5	3	1.7	1	0.5	1	0.9	0	0.0	2	1.0
March	0	0.0	2	1.4	2	1.7	2	1.1	1	1.0	1	0.8
April	1	0.6	4	2.7	3	2.1	2	1.7	5	3.6	1	0.8
Value—\$1,000,000—\$4,999,999												
1999												
February	1	1.4	1	3.0	1	1.5	2	5.1	4	10.9	1	5.0
March	2	4.2	1	4.0	2	2.3	1	1.0	2	7.5	1	2.8
April	1	1.8	3	3.8	1	1.0	0	0.0	1	1.4	2	4.3
Value—\$5,000,000 and over												
1999												
February	0	0.0	1	76.9	0	0.0	0	0.0	0	0.0	0	0.0
March	0	0.0	2	19.0	0	0.0	0	0.0	0	0.0	0	0.0
April	0	0.0	1	5.2	0	0.0	0	0.0	1	8.0	0	0.0
Value—Total												
1995-1996	118	113.3	304	119.0	285	80.4	277	106.5	340	112.0	109	80.4
1996-1997	91	75.4	408	164.2	319	102.6	314	156.4	402	160.4	120	152.0
1997-1998	99	53.1	445	186.0	287	88.4	283	123.5	398	150.0	128	114.7
1999												
February	11	3.1	32	85.2	21	6.6	18	8.1	28	16.3	6	6.2
March	7	5.0	43	29.2	30	8.0	26	5.9	28	13.4	6	4.1
April	7	3.0	41	16.5	24	6.7	15	3.5	34	17.6	6	5.7

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										
1999										
February	0	0.0	3	0.4	2	0.3	4	0.5	71	7.0
March	1	0.1	1	0.1	2	0.1	11	0.9	105	10.5
April	0	0.0	4	0.5	5	0.5	3	0.3	82	8.8
Value—\$200,000—\$499,999										
1999										
February	0	0.0	2	0.6	1	0.4	4	1.1	42	13.3
March	2	0.6	0	0.0	3	1.1	1	0.3	37	11.7
April	0	0.0	0	0.0	0	0.0	1	0.2	32	8.8
Value—\$500,000—\$999,999										
1999										
February	0	0.0	1	0.8	1	0.8	0	0.0	10	6.1
March	0	0.0	0	0.0	2	1.4	0	0.0	10	7.3
April	0	0.0	0	0.0	1	0.7	2	1.4	19	13.6
Value—\$1,000,000—\$4,999,999										
1999										
February	0	0.0	1	1.2	2	5.5	1	3.2	14	36.8
March	0	0.0	1	2.3	0	0.0	2	4.8	12	28.8
April	0	0.0	1	4.4	0	0.0	0	0.0	9	16.6
Value—\$5,000,000 and over										
1999										
February	0	0.0	0	0.0	2	16.2	0	0.0	3	93.1
March	0	0.0	0	0.0	1	9.3	0	0.0	3	28.3
April	0	0.0	0	0.0	0	0.0	1	5.4	3	18.6
Value—Total										
1995-1996	23	4.4	50	32.8	79	48.0	253	106.2	1 838	803.1
1996-1997	20	5.4	69	214.5	98	92.2	117	81.3	1 958	1 204.4
1997-1998	27	8.7	56	72.5	86	65.3	92	37.6	1 901	899.8
1999										
February	0	0.0	7	2.9	8	23.1	9	4.7	140	156.3
March	3	0.7	2	2.4	8	11.9	14	6.0	167	86.6
April	0	0.0	5	4.9	6	1.2	7	7.4	145	66.4

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)											
1995-1996	113.1	117.6	79.5	72.8	107.9	43.5	4.5	31.8	34.1	87.4	692.1
1996-1997	75.5	162.8	96.2	117.2	113.7	38.8	5.3	96.1	36.6	32.5	773.9
1997-1998	51.7	185.4	86.4	81.6	142.0	32.0	8.7	58.4	39.4	21.1	706.7
1998											
April	4.1	7.4	5.8	3.1	9.5	1.1	0.0	1.7	0.5	0.4	33.7
May	4.1	37.3	4.6	6.9	16.7	0.8	0.0	0.3	3.0	0.9	74.6
June	2.3	24.3	6.8	7.1	6.3	0.8	1.0	8.5	3.7	1.5	62.4
July	2.7	21.3	14.0	3.3	13.6	4.1	0.1	1.9	3.2	1.2	65.5
August	1.6	9.0	3.3	6.7	14.7	2.8	0.0	0.3	0.9	0.6	39.9
September	3.7	13.8	9.5	6.7	11.2	10.9	0.6	0.5	0.9	3.0	60.8
October	8.5	9.2	3.8	5.7	5.4	2.1	0.1	4.6	37.9	0.6	78.0
November	2.7	13.4	7.2	3.3	17.3	9.4	0.6	3.0	3.5	3.6	64.0
December	8.2	18.6	3.8	5.3	3.7	3.1	0.0	2.8	8.5	0.4	54.4
1999											
January	8.5	118.7	11.5	9.4	10.7	2.4	0.0	1.7	0.4	0.5	163.8
February	3.1	85.2	6.6	8.1	11.8	1.2	0.0	1.7	2.3	1.3	121.3
March	5.0	29.1	8.0	5.0	13.4	3.9	0.7	2.4	11.8	2.3	81.6
April	3.0	16.5	6.7	3.5	17.6	5.7	0.0	4.7	1.0	1.5	60.2
PUBLIC SECTOR (\$ million)											
1995-1996	0.0	1.6	0.8	33.7	4.1	37.0	0.0	1.2	14.0	18.8	111.0
1996-1997	0.0	1.6	6.5	39.2	46.8	113.1	0.2	118.4	55.7	48.7	430.0
1997-1998	1.4	0.7	2.1	41.7	8.0	82.7	0.0	14.1	25.9	16.7	193.3
1998											
April	0.0	0.0	0.0	1.1	0.1	5.7	0.0	0.0	1.5	0.2	8.6
May	0.0	0.0	0.0	1.2	0.0	16.8	0.0	0.0	12.8	0.7	31.5
June	0.0	0.1	0.1	0.4	0.0	4.6	0.0	0.0	3.5	0.0	8.8
July	0.5	0.2	1.9	5.7	0.0	6.9	0.0	0.0	0.4	4.7	20.3
August	0.0	0.0	0.0	5.3	0.1	5.2	0.0	0.0	0.7	0.1	11.4
September	0.0	1.5	0.0	0.4	0.2	0.0	0.0	0.0	0.8	0.2	3.0
October	0.0	0.1	0.0	0.1	0.3	8.3	0.0	1.4	0.3	4.0	14.4
November	0.1	0.2	1.6	0.8	1.5	4.7	0.0	3.5	0.2	0.5	13.0
December	0.0	0.0	0.0	9.5	0.0	4.0	0.0	0.0	0.1	3.5	17.1
1999											
January	0.0	0.0	0.0	0.6	0.0	17.6	0.0	14.2	0.1	0.8	33.3
February	0.0	0.0	0.0	0.0	4.5	5.0	0.0	1.2	20.8	3.4	34.9
March	0.0	0.2	0.0	0.9	0.0	0.3	0.0	0.0	0.1	3.7	5.1
April	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	5.8	6.2
TOTAL (\$ million)											
1995-1996	113.1	119.1	80.3	106.6	111.9	80.6	4.5	33.0	48.0	106.2	803.1
1996-1997	75.5	164.3	102.8	156.4	160.3	151.9	5.5	214.5	92.3	81.3	1 204.5
1997-1998	53.1	186.0	88.6	123.5	149.9	114.6	8.7	72.5	65.1	37.6	899.8
1998											
April	4.1	7.4	5.8	4.2	9.6	6.7	0.0	1.7	2.0	0.6	42.3
May	4.1	37.3	4.6	8.2	16.7	17.7	0.0	0.3	15.7	1.5	106.1
June	2.3	24.4	7.0	7.5	6.3	5.4	1.0	8.5	7.2	1.5	71.1
July	3.3	21.5	15.9	9.0	13.6	11.0	0.1	1.9	3.6	6.0	85.9
August	1.6	9.0	3.3	12.0	14.8	8.1	0.0	0.3	1.6	0.6	51.3
September	3.7	15.3	9.5	7.0	11.4	10.9	0.6	0.5	1.7	3.2	63.8
October	8.5	9.2	3.8	5.8	5.7	10.4	0.1	5.9	38.1	4.6	92.4
November	2.7	13.6	8.8	4.1	18.9	14.1	0.6	6.5	3.6	4.0	77.0
December	8.2	18.6	3.8	14.7	3.7	7.1	0.0	2.8	8.7	3.9	71.5
1999											
January	8.5	118.7	11.5	10.1	10.7	20.0	0.0	15.9	0.5	1.3	197.1
February	3.1	85.2	6.6	8.1	16.3	6.2	0.0	2.9	23.1	4.7	156.3
March	5.0	29.2	8.0	5.9	13.4	4.1	0.7	2.4	11.9	6.0	86.6
April	3.0	16.5	6.7	3.5	17.6	5.7	0.0	4.9	1.2	7.4	66.4

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									
1996-1997	9 107	1 434	10 602	903 325	136 134	136 874	1 176 333	542 481	1 718 814
1997-1998	10 296	1 546	11 930	1 074 780	152 837	150 499	1 378 116	523 117	1 901 233
1998									
April	923	89	1 013	97 625	10 201	10 055	117 881	20 308	138 189
May	929	215	1 145	97 828	37 407	13 236	148 470	61 123	209 593
June	1 074	143	1 221	111 520	12 779	11 216	135 514	50 214	185 728
July	971	101	1 079	103 538	11 699	12 918	128 155	43 199	171 354
August	998	198	1 200	104 534	28 741	12 799	146 074	28 814	174 888
September	858	108	970	91 491	12 012	14 290	117 792	43 874	161 666
October	1 001	112	1 115	109 517	11 427	15 266	136 210	69 147	205 357
November	950	180	1 134	99 952	25 543	12 818	138 313	49 880	188 193
December	1 020	162	1 199	113 570	18 895	15 542	148 007	43 627	191 634
1999									
January	847	84	933	95 321	15 093	16 557	126 970	147 398	274 368
February	947	185	1 134	104 523	24 095	14 725	143 343	110 423	253 766
March	1 105	135	1 318	121 267	11 751	21 651	154 670	56 035	210 704
April	950	200	1 162	105 304	20 949	12 939	139 192	42 486	181 678
PUBLIC SECTOR									
1996-1997	261	192	459	20 061	11 100	2 662	33 823	237 420	271 243
1997-1998	493	389	882	33 838	22 635	1 383	57 856	128 996	186 851
1998									
April	48	43	91	2 995	2 794	131	5 920	1 221	7 141
May	6	6	12	395	301	854	1 550	13 501	15 050
June	222	0	222	14 315	0	124	14 439	8 277	22 716
July	22	11	33	1 736	1 101	1 203	4 039	12 382	16 421
August	4	8	12	375	780	0	1 155	4 786	5 941
September	7	24	31	447	1 664	88	2 199	2 410	4 609
October	2	20	22	136	1 183	601	1 920	8 400	10 320
November	1	10	11	140	752	99	991	8 871	9 862
December	2	36	38	266	2 065	12	2 343	13 664	16 007
1999									
January	3	35	38	427	2 056	660	3 143	26 997	30 140
February	0	28	28	0	1 677	120	1 797	21 265	23 062
March	25	20	45	1 917	1 433	515	3 865	4 295	8 160
April	16	0	16	1 095	0	1 485	2 580	478	3 058
TOTAL									
1996-1997	9 368	1 626	11 061	923 387	147 234	139 536	1 210 157	779 900	1 990 057
1997-1998	10 789	1 935	12 812	1 108 618	175 472	151 882	1 435 972	652 112	2 088 084
1998									
April	971	132	1 104	100 620	12 995	10 186	123 800	21 529	145 330
May	935	221	1 157	98 223	37 708	14 090	150 020	74 623	224 643
June	1 296	143	1 443	125 835	12 779	11 340	149 953	58 491	208 444
July	993	112	1 112	105 273	12 800	14 120	132 194	55 581	187 775
August	1 002	206	1 212	104 910	29 520	12 799	147 229	33 600	180 829
September	865	132	1 001	91 938	13 675	14 378	119 991	46 283	166 275
October	1 003	132	1 137	109 653	12 610	15 867	138 130	77 547	215 677
November	951	190	1 145	100 092	26 295	12 917	139 304	58 751	198 055
December	1 022	198	1 237	113 835	20 960	15 554	150 350	57 291	207 641
1999									
January	850	119	971	95 748	17 149	17 217	130 113	174 395	304 508
February	947	213	1 162	104 523	25 771	14 845	145 140	131 688	276 828
March	1 130	155	1 363	123 184	13 184	22 166	158 535	60 330	218 864
April	966	200	1 178	106 400	20 949	14 424	141 773	42 964	184 736

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

(b) Refer to Explanatory Notes paragraph 12.

BUILDINGS APPROVED IN STATISTICAL AREAS: Original

Statistical Area	DWELLINGS (no.).....			VALUE (\$'000).....					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential buildings(b)	Total residential building	Non-residential building	Total building
WESTERN AUSTRALIA	1 431	210	1 653	157 617	21 965	17 729	197 311	66 371	263 682
Perth (SD)	966	200	1 178	106 399	20 949	14 426	141 774	42 964	184 738
Central Metropolitan (SSD)	58	109	176	12 261	12 840	4 563	29 664	12 563	42 227
Cambridge (T)	5	2	7	669	420	1 169	2 258	4 384	6 642
Claremont (T)	6	0	6	1 203	0	556	1 759	95	1 854
Cottesloe (T)	1	0	1	130	0	28	158	0	158
Mosman Park (T)	8	0	8	3 711	0	228	3 939	2 937	6 876
Nedlands (C)	5	0	5	1 014	0	958	1 972	1 065	3 037
Peppermint Grove (S)	0	0	0	0	0	0	0	0	0
Perth (C)–Inner	0	0	0	0	0	615	615	1 342	1 957
Perth (C)–Remainder	7	53	65	1 962	7 617	0	9 579	2 140	11 719
Subiaco (C)	20	47	71	2 941	3 964	374	7 279	600	7 879
Vincent (T)	6	7	13	631	839	635	2 105	0	2 105
East Metropolitan (SSD)	181	14	195	17 328	1 160	1 724	20 212	5 598	25 810
Bassendean (T)	4	0	4	352	0	95	447	0	447
Bayswater (C)	29	6	35	3 808	600	611	5 019	608	5 627
Kalamunda (S)	16	3	19	1 982	260	518	2 760	0	2 760
Mundaring (S)	16	0	16	1 961	0	160	2 121	827	2 948
Swan (S)	116	5	121	9 225	300	340	9 865	4 163	14 028
North Metropolitan (SSD)	237	38	275	25 596	2 841	2 622	31 059	4 589	35 648
Joondalup (C)–North	21	6	27	2 455	710	89	3 254	600	3 854
Joondalup (C)–South	13	12	25	1 929	849	541	3 319	339	3 658
Stirling (C)–Central	56	16	72	6 092	1 037	474	7 603	310	7 913
Stirling (C)–Coastal	32	4	36	4 072	245	852	5 169	1 600	6 769
Stirling (C)–South-Eastern	16	0	16	2 168	0	526	2 694	180	2 874
Wanneroo (S)–North-East	24	0	24	2 013	0	90	2 103	0	2 103
Wanneroo (S)–North-West	48	0	48	4 448	0	10	4 458	160	4 618
Wanneroo (S)–South	27	0	27	2 419	0	40	2 459	1 400	3 859
South West Metropolitan (SSD)	241	25	269	26 921	1 826	2 626	31 373	5 844	37 217
Cockburn (C)	77	4	81	7 147	262	160	7 569	1 330	8 899
East Fremantle (T)	1	0	1	211	0	539	750	0	750
Fremantle (C)–Inner	0	0	0	0	0	0	0	156	156
Fremantle (C)–Remainder	13	0	16	1 885	0	301	2 186	1 650	3 836
Kwinana (T)	14	0	14	1 585	0	1 276	2 861	2 538	5 399
Melville (C)	47	21	68	8 008	1 564	0	9 572	0	9 572
Rockingham (C)	89	0	89	8 085	0	350	8 435	170	8 605
South East Metropolitan (SSD)	249	14	263	24 293	2 282	2 891	29 466	14 370	43 836
Armadale (C)	16	0	16	1 565	0	573	2 138	0	2 138
Belmont (C)	53	0	53	4 904	0	97	5 001	8 310	13 311
Canning (C)	80	0	80	7 690	0	960	8 650	4 170	12 820
Gosnells (C)	68	0	68	5 225	0	431	5 656	830	6 486
Serpentine–Jarrahdale (S)	6	0	6	750	0	71	821	0	821
South Perth (C)	22	4	26	3 648	1 430	678	5 756	800	6 556
Victoria Park (T)	4	10	14	511	852	81	1 444	260	1 704
South West (SD)	265	2	267	28 217	118	1 176	29 511	9 130	38 641
Dale (SSD)	69	2	71	8 046	118	422	8 586	2 157	10 743
Boddington (S)	4	0	4	487	0	0	487	0	487
Mandurah (C)	48	2	50	5 446	118	381	5 945	1 205	7 150
Murray (S)	15	0	15	1 780	0	29	1 809	952	2 761
Waroona (S)	2	0	2	333	0	12	345	0	345
Preston (SSD)	119	0	119	11 423	0	242	11 665	5 713	17 378
Bunbury (C)	50	0	50	4 427	0	111	4 538	5 470	10 008
Capel (S)	6	0	6	669	0	0	669	0	669
Collie (S)	0	0	0	0	0	0	0	0	0
Dardanup (S)	19	0	19	1 681	0	22	1 703	0	1 703
Donnybrook–Balingup (S)	8	0	8	734	0	99	833	55	888
Harvey (S)	36	0	36	3 912	0	10	3 922	188	4 110

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

Statistical Area	DWELLINGS (no.).....			VALUE (\$'000).....					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential buildings(b)	Total residential building	Non-residential buildings	Total building
Vasse (SSD)	65	0	65	7 424	0	399	7 823	1 260	9 083
Augusta–Margaret River (S)	19	0	19	2 159	0	142	2 301	850	3 151
Busselton (S)	46	0	46	5 265	0	257	5 522	410	5 932
Blackwood (SSD)	12	0	12	1 324	0	113	1 437	0	1 437
Boyup Brook (S)	0	0	0	0	0	0	0	0	0
Bridgetown–Greenbushes (S)	7	0	7	734	0	60	794	0	794
Manjimup (S)	5	0	5	590	0	12	602	0	602
Nannup (S)	0	0	0	0	0	41	41	0	41
Lower Great Southern (SD)	38	0	38	4 441	0	149	4 590	1 420	6 010
Pallinup (SSD)	8	0	8	1 123	0	38	1 161	80	1 241
Broomehill (S)	0	0	0	0	0	0	0	0	0
Gnowangerup (S)	3	0	3	358	0	0	358	80	438
Jerramungup (S)	0	0	0	0	0	0	0	0	0
Katanning (S)	1	0	1	227	0	38	265	0	265
Kent (S)	1	0	1	120	0	0	120	0	120
Kojonup (S)	3	0	3	418	0	0	418	0	418
Tambellup (S)	0	0	0	0	0	0	0	0	0
Woodanilling (S)	0	0	0	0	0	0	0	0	0
King (SSD)	30	0	30	3 318	0	111	3 429	1 340	4 769
Albany (C)–Central	13	0	13	1 437	0	10	1 447	840	2 287
Albany (C)–Balance	8	0	8	864	0	84	948	250	1 198
Cranbrook (S)	0	0	0	0	0	0	0	0	0
Denmark (S)	5	0	5	676	0	17	693	0	693
Plantagenet (S)	4	0	4	341	0	0	341	250	591
Upper Great Southern (SD)	15	0	15	1 856	0	120	1 976	270	2 246
Hotham (SSD)	6	0	6	679	0	109	788	0	788
Brookton (S)	0	0	0	0	0	0	0	0	0
Cuballing (S)	1	0	1	30	0	0	30	0	30
Dumbleyung (S)	1	0	1	129	0	0	129	0	129
Narrogin (T)	1	0	1	119	0	109	228	0	228
Narrogin (S)	0	0	0	0	0	0	0	0	0
Pingelly (S)	1	0	1	147	0	0	147	0	147
Wagin (S)	0	0	0	0	0	0	0	0	0
Wandering (S)	1	0	1	127	0	0	127	0	127
West Arthur (S)	0	0	0	0	0	0	0	0	0
Wickepin (S)	1	0	1	127	0	0	127	0	127
Williams (S)	0	0	0	0	0	0	0	0	0
Lakes (SSD)	9	0	9	1 177	0	11	1 188	270	1 458
Corrigin (S)	1	0	1	171	0	0	171	0	171
Kondinin (S)	3	0	3	374	0	0	374	0	374
Kulin (S)	0	0	0	0	0	0	0	0	0
Lake Grace (S)	5	0	5	632	0	11	643	270	913
Midlands (SD)	39	0	39	3 673	0	288	3 961	843	4 804
Moore (SSD)	15	0	15	1 267	0	127	1 394	665	2 059
Chittering (S)	4	0	4	427	0	11	438	0	438
Dandaragan (S)	2	0	2	116	0	11	127	0	127
Gingin (S)	6	0	6	472	0	105	577	585	1 162
Moora (S)	1	0	1	129	0	0	129	0	129
Victoria Plains (S)	2	0	2	123	0	0	123	80	203

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

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

Statistical Area	DWELLINGS (no.)			VALUE (\$'000)					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential buildings(b)	Total residential building	Non-residential building	Total building
Avon (SSD)	17	0	17	1 553	0	161	1 714	178	1 892
Beverley (S)	0	0	0	0	0	0	0	0	0
Cunderdin (S)	2	0	2	223	0	23	246	0	246
Dalwallinu (S)	1	0	1	128	0	35	163	125	288
Dowerin (S)	0	0	0	0	0	0	0	0	0
Goomalling (S)	0	0	0	0	0	0	0	0	0
Koorda (S)	0	0	0	0	0	0	0	0	0
Northam (T)	3	0	3	388	0	15	403	53	456
Northam (S)	2	0	2	176	0	0	176	0	176
Quairading (S)	0	0	0	0	0	0	0	0	0
Tammin (S)	0	0	0	0	0	0	0	0	0
Toodyay (S)	7	0	7	527	0	18	545	0	545
Wongan-Ballidu (S)	0	0	0	0	0	70	70	0	70
Wyalkatchem (S)	0	0	0	0	0	0	0	0	0
York (S)	2	0	2	111	0	0	111	0	111
Campion (SSD)	7	0	7	853	0	0	853	0	853
Bruce Rock (S)	0	0	0	0	0	0	0	0	0
Kellerberrin (S)	1	0	1	128	0	0	128	0	128
Merredin (S)	1	0	1	89	0	0	89	0	89
Mount Marshall (S)	0	0	0	0	0	0	0	0	0
Mukinbudin (S)	2	0	2	254	0	0	254	0	254
Narembeen (S)	3	0	3	382	0	0	382	0	382
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
South Eastern (SD)	44	6	50	5 317	640	205	6 162	1 152	7 314
Lefroy (SSD)	30	0	30	3 689	0	119	3 808	1 011	4 819
Coolgardie (S)	0	0	0	0	0	0	0	0	0
Kalgoorlie/Boulder (C)	28	0	28	3 540	0	119	3 659	186	3 845
Laverton (S)	0	0	0	0	0	0	0	0	0
Leonora (S)	2	0	2	149	0	0	149	825	974
Menzies (S)	0	0	0	0	0	0	0	0	0
Ngaanyatjarraku (S)	0	0	0	0	0	0	0	0	0
Johnston (SSD)	14	6	20	1 628	640	86	2 354	141	2 495
Dundas (S)	0	0	0	0	0	0	0	0	0
Esperance (S)	11	6	17	1 200	640	86	1 926	0	1 926
Ravensthorpe (S)	3	0	3	428	0	0	428	141	569
Central (SD)	34	0	34	3 601	0	1 053	4 654	7 230	11 884
Gascoyne (SSD)	8	0	8	583	0	321	904	1 118	2 022
Carnarvon (S)	5	0	5	241	0	20	261	0	261
Exmouth (S)	0	0	0	0	0	301	301	270	571
Shark Bay (S)	2	0	2	182	0	0	182	848	1 030
Upper Gascoyne (S)	1	0	1	160	0	0	160	0	160
Carnegie (SSD)	4	0	4	620	0	0	620	0	620
Cue (S)	1	0	1	154	0	0	154	0	154
Meekatharra (S)	3	0	3	466	0	0	466	0	466
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)	0	0	0	0	0	0	0	0	0

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

Statistical Area	DWELLINGS (no.).....			VALUE (\$'000).....					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential buildings(b)	Total residential building	Non-residential building	Total building
Greenough River (SSD)	22	0	22	2 398	0	732	3 130	6 112	9 242
Carnamah (S)	1	0	1	127	0	0	127	0	127
Chapman Valley (S)	1	0	1	134	0	0	134	0	134
Coorow (S)	0	0	0	0	0	0	0	0	0
Geraldton (C)	1	0	1	96	0	236	332	6 112	6 444
Greenough (S)	14	0	14	1 578	0	427	2 005	0	2 005
Irwin (S)	3	0	3	328	0	0	328	0	328
Mingenew (S)	0	0	0	0	0	0	0	0	0
Morawa (S)	0	0	0	0	0	0	0	0	0
Mullewa (S)	0	0	0	0	0	0	0	0	0
Northampton (S)	2	0	2	135	0	69	204	0	204
Perenjori (S)	0	0	0	0	0	0	0	0	0
Three Springs (S)	0	0	0	0	0	0	0	0	0
Pilbara (SD)	17	0	17	2 069	0	122	2 191	590	2 781
De Grey (SSD)	13	0	13	1 589	0	27	1 616	0	1 616
East Pilbara (S)	2	0	2	257	0	0	257	0	257
Port Hedland (T)	11	0	11	1 332	0	27	1 359	0	1 359
Fortescue (SSD)	4	0	4	480	0	95	575	590	1 165
Ashburton (S)	0	0	0	0	0	14	14	0	14
Roebourne (S)	4	0	4	480	0	81	561	590	1 151
Kimberley (SD)	13	2	15	2 044	258	190	2 492	2 772	5 264
Ord (SSD)	2	0	2	465	0	10	475	267	742
Halls Creek (S)	0	0	0	0	0	0	0	0	0
Wyndham-East Kimberley (S)	2	0	2	465	0	10	475	267	742
Fitzroy (SSD)	11	2	13	1 579	258	180	2 017	2 505	4 522
Broome (S)	5	0	5	559	0	55	614	2 415	3 029
Derby-West Kimberley (S)	6	2	8	1 020	258	125	1 403	90	1 493

(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 6345.

EXPLANATORY NOTES

	<p>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.</p>
CHAIN VOLUME MEASURES	<p>20 The chain volume measures appearing in this publication are annually re-weighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 1996–97). The reference year will be updated annually in the July publication. While current price estimates reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes.</p> <p>21 Further information on the nature and concepts of chain volume measures is contained in the ABS publication <i>Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts</i> (Cat. no. 5248.0).</p>
AUSTRALIAN STANDARD GEOGRAPHICAL CLASSIFICATION (ASGC)	<p>22 Area statistics are now being classified to the <i>Australian Standard Geographical Classification, 1998 Edition</i> (Cat. no. 1216.0), effective from 1 July 1998, and ASGC terminology has been adopted in the presentation of building statistics.</p> <p>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.)</p>
UNPUBLISHED DATA	<p>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.</p>
RELATED PUBLICATIONS	<p>25 Users may also wish to refer to the following publications:</p> <ul style="list-style-type: none">▪ <i>Building Activity, Australia: Dwelling Unit Commencements</i> (Cat. no. 8750.0)▪ <i>Building Activity, Australia</i> (Cat. no. 8752.0)▪ <i>Building Activity, Western Australia</i> (Cat. no. 8752.5)▪ <i>Building Activity, Building Work Done, Australia (8755.0)</i>▪ <i>Building Approvals, Australia</i> (Cat. no. 8731.0)▪ <i>Engineering Construction Activity, Australia</i> (Cat. no. 8762.0)▪ <i>House Price Indexes: Eight Capital Cities</i> (Cat. no. 6416.0)▪ <i>Housing Finance for Owner Occupation, Australia</i> (Cat. no. 5609.0)▪ <i>Price Index of Materials Used in House Building</i> (Cat. no. 6408.0)▪ <i>Price Index of Materials Used in Building Other than House Building</i> (Cat. no. 6407.0).
ROUNDING	<p>When figures have been rounded, discrepancies may occur between sums of the component items and totals.</p>
SYMBOLS AND OTHER USAGES	<p>n.a . not available n.y.a. not yet available C City S Shire SD Statistical Division SSD Statistical Subdivision T Town</p>

GLOSSARY

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

GLOSSARY

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

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