

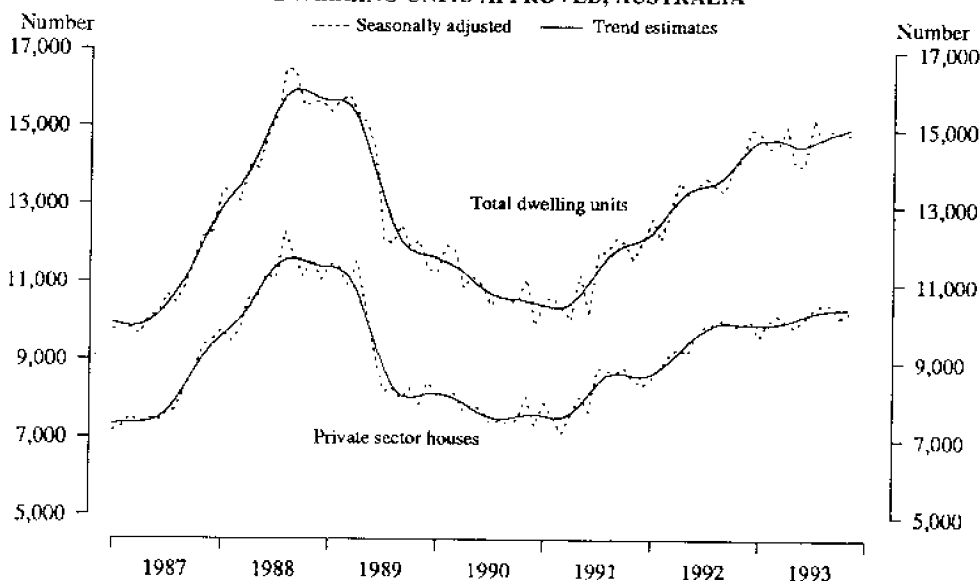
BUILDING APPROVALS, AUSTRALIA, NOVEMBER 1993

NOTE: This publication contains revisions to building approval estimates for the previous four months. In particular:

- Queensland approvals of residential dwellings have been revised upwards as a result of data not originally being reported to the ABS. 424 dwelling units with an approval value of \$25.3m have been added to the estimates previously published for the periods July to October 1993.
- A hotel development in the Northern Territory was wrongly classified as residential in August 1993. The August estimates have been revised with the specific development now classified to the non-residential category.

SUMMARY OF FINDINGS

DWELLING UNITS APPROVED, AUSTRALIA



Number of dwelling units approved

The provisional trend for the *total number of dwelling units* approved to November 1993 is showing weak growth, as it has done since May 1993. However, the seasonally adjusted number of dwelling units approved has fallen marginally in each of the last two months and any further fall in the December 1993 seasonally adjusted estimates will cause the trend series to show early signs of decline. The trend rose by 0.6 per cent to 15,023 in November, following growth of 0.4 per cent in October and 0.6 per cent in September 1993.

The provisional trend for the *number of private sector house* approvals has flattened to November 1993, ending a period of gradual growth since January 1993. The trend in private sector house approvals was steady in November at 10,362, following growth of 0.1 per cent in October and 0.3 per cent in September. Unless there is an increase of more than 2.5 per cent in the December seasonally adjusted estimate of private sector house approvals, the trend series will begin to turn down. The historical average monthly movement of this series, regardless of sign, is 4 per cent.

DWELLING UNITS APPROVED, NOVEMBER 1993

	Number	Percentage change	
		From previous month	From corresponding month of previous year
Private sector houses -			
Trend estimate	10,362	—	3.9
Seasonally adjusted	10,278	1.2	3.5
Original	10,960	5.0	7.9
Total dwelling units -			
Trend estimate	15,023	0.6	5.1
Seasonally adjusted	14,879	-0.3	4.6
Original	16,161	10.4	10.7

In seasonally adjusted terms, the *total number of dwelling units* approved fell marginally by 0.3 per cent in November, following a 0.4 per cent decline in October and growth of 2.1 per cent in September. The *number of private sector house approvals* rose by 1.2 per cent in November, following a 3.2 per cent fall in October, but increases in the previous four months.

The provisional trend estimate for total dwelling unit approvals in New South Wales, which had been falling consistently since January 1993, flattened out in

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September and October and is now showing slight growth (0.4%) to November 1993. The provisional trend estimates for dwelling unit approvals continue to grow quite strongly in Victoria and Western Australia although the rate of growth is slowing. In Queensland, the trend is showing very slow decline while in South Australia, the trend continues the decline evident since January 1993. The trend in dwelling approvals in Tasmania has been flat for the last 4 months.

In original terms, there were 16,161 dwelling units approved in November 1993, the highest monthly total since May 1989. Of these, 4,906 were for residential dwellings other than houses (townhouses, flats, apartments, etc.), the highest monthly figure recorded since June 1989. There were also an additional 349 dwelling units approved, resulting mainly from alterations and additions (conversions) to existing non-residential buildings in November 1993.

Value of building approved

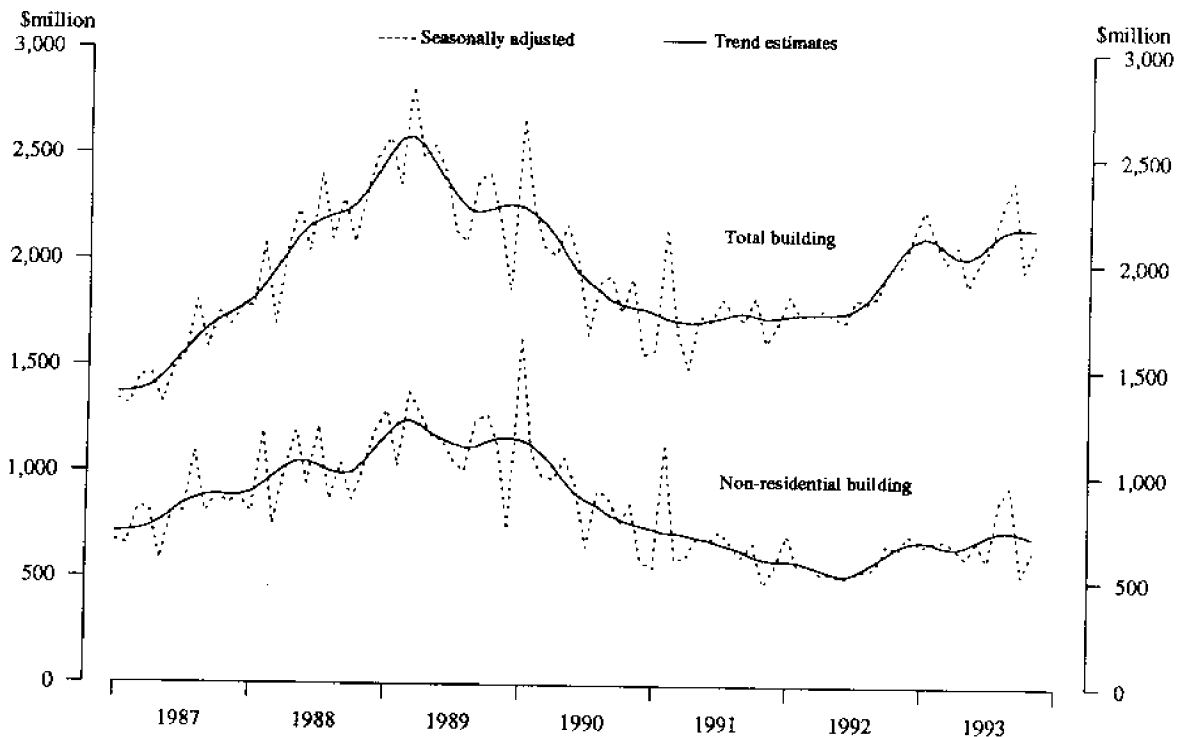
The provisional trend estimate for the value of *total building* approved is showing early signs of decline to November, following growth of nearly 7 per cent between May and October 1993. There would need to be an increase of 10 per cent in the seasonally adjusted value of total building approved in December 1993 to arrest this decline. The historical average monthly movement of this series, regardless of sign, is 9 per cent.

The provisional trend series for the value of *new residential building* approved continues the growth evident since May 1993, rising by 0.7 per cent in both November and October and 1.1 per cent in September 1993. However, any fall in the seasonally adjusted value of residential building approved in December will see the trend flatten out.

Influenced by the approval of a small number of very large projects in August and September, there was a short period of growth in the trend estimates of the value of non-residential building approved over the period March to August 1993. However, with the October and November seasonally adjusted estimates of non-residential building being more in line with those of the previous 12 months, the trend series levelled out in September and is falling to November 1993. This fall in the trend will continue unless there is an increase of 36 per cent (twice the historical average monthly movement) in the seasonally adjusted series in December 1993.

The provisional trend estimates for the value of approved *alterations and additions to residential buildings* rose a further 0.7 per cent in November 1993, continuing the sustained growth evident since January 1991.

VALUE OF BUILDING APPROVED, AUSTRALIA



RELIABILITY OF CONTEMPORARY TREND ESTIMATES

The tables below present trend estimates of selected building approvals series for the six months June to November 1993.

Analysis of building approvals series has shown that the original series can be volatile and that the initial estimates of a month's trend value can be revised substantially. In particular, some months can elapse before a turning point in the trend series is identified reliably. Generally, the size of revisions to the trend estimates tends to be larger, the greater the volatility of the original series. Revisions to trend estimates will also occur with revisions to original data and re-estimation of seasonal adjustment factors. See paragraphs 22 to 24 of the Explanatory Notes for a more detailed explanation.

To illustrate the possible impact of future months' observations on the trend estimates for the latest months, the tables below show the revisions to the trend estimates that would result if the movements in the seasonally adjusted estimates for next month (December 1993) were to equal the average monthly percentage change (regardless of sign) in the series over the last ten years.

For example, if the seasonally adjusted estimate for the number of private houses approved (the first table) were to increase by 4 per cent in December 1993, the trend estimate for that month would be 10,449, a movement of 0.2 per cent. The monthly movements in the trend estimates for September, October and November 1993, which are currently estimated to be 0.3 per cent, 0.1 per cent and -0.0 per cent respectively, would be revised to 0.5 per cent, 0.3 per cent and 0.3 per cent. On the other hand, a 4 per cent seasonally adjusted decline in the number of private houses approved in December 1993 would produce a trend estimate for December of 10,132, a movement of -0.9 per cent, with the movements in the trend estimates for September, October and November 1993 being revised to 0.1 per cent, -0.4 per cent and -0.7 per cent, respectively.

NUMBER OF PRIVATE SECTOR HOUSES APPROVED RELIABILITY OF TREND ESTIMATES

	Trend estimate		Revised trend estimate if December 1993 seasonally adjusted estimate			
			is up 4% on November 1993		is down 4% on November 1993	
	No.	% change on previous month	No.	% change on previous month	No.	% change on previous month
1993—						
June	10,189	0.8	10,184	0.8	10,199	0.9
July	10,262	0.7	10,255	0.7	10,281	0.8
August	10,319	0.6	10,315	0.6	10,328	0.5
September	10,355	0.3	10,367	0.5	10,333	0.1
October	10,366	0.1	10,401	0.3	10,290	-0.4
November	10,362	-0.0	10,431	0.3	10,221	-0.7
December	n.y.a.	n.y.a.	10,449	0.2	10,132	-0.9

TOTAL NUMBER OF DWELLING UNITS APPROVED RELIABILITY OF TREND ESTIMATES

	Trend estimate		Revised trend estimate if December 1993 seasonally adjusted estimate			
			is up 4% on November 1993		is down 4% on November 1993	
	No.	% change on previous month	No.	% change on previous month	No.	% change on previous month
1993—						
June	14,578	0.3	14,565	0.2	14,588	0.4
July	14,676	0.7	14,655	0.6	14,696	0.7
August	14,779	0.7	14,771	0.8	14,791	0.7
September	14,872	0.6	14,895	0.8	14,841	0.3
October	14,937	0.4	15,013	0.8	14,836	-0.0
November	15,023	0.6	15,126	0.8	14,793	-0.3
December	n.y.a.	n.y.a.	15,205	0.5	14,702	-0.6

**VALUE OF NEW RESIDENTIAL BUILDING APPROVED
RELIABILITY OF TREND ESTIMATES**

	Trend estimate		Revised trend estimate if December 1993 seasonally adjusted estimate			
			is up 5% on November 1993		is down 5% on November 1993	
	\$m	% change on previous month	No.	% change on previous month	No.	% change on previous month
1993—						
June	1,193.0	0.4	1,191.4	0.2	1,193.6	0.4
July	1,214.5	1.8	1,211.3	1.7	1,215.3	1.8
August	1,234.8	1.7	1,234.1	1.9	1,236.0	1.7
September	1,248.1	1.1	1,249.7	1.3	1,244.5	0.7
October	1,256.8	0.7	1,262.3	1.0	1,245.1	0.1
November	1,265.6	0.7	1,273.2	0.9	1,240.9	-0.3
December	n.y.a.	n.y.a.	1,279.6	0.5	1,230.9	-0.8

**VALUE OF NON-RESIDENTIAL BUILDING APPROVED
RELIABILITY OF TREND ESTIMATES**

	Trend estimate		Revised trend estimate if December 1993 seasonally adjusted estimate			
			is up 18% on November 1993		is down 18% on November 1993	
	\$m	% change on previous month	No.	% change on previous month	No.	% change on previous month
1993—						
June	693.9	3.9	692.9	3.7	697.4	4.4
July	720.9	3.9	719.4	3.8	727.4	4.3
August	737.5	2.3	736.7	2.4	740.7	1.8
September	738.7	0.2	740.7	0.5	730.2	-1.4
October	726.3	-1.7	732.3	-1.1	697.6	-4.5
November	706.5	-2.7	719.0	-1.8	653.7	-6.3
December	n.y.a.	n.y.a.	703.0	-2.2	604.4	-7.5

**VALUE OF TOTAL BUILDING APPROVED
RELIABILITY OF TREND ESTIMATES**

	Trend estimate		Revised trend estimate if December 1993 seasonally adjusted estimate			
			is up 9% on November 1993		is down 9% on November 1993	
	\$m	% change on previous month	No.	% change on previous month	No.	% change on previous month
1993—						
June	2,060.1	1.5	2,056.9	1.4	2,064.1	1.7
July	2,109.6	2.4	2,104.3	2.3	2,116.9	2.6
August	2,149.8	1.9	2,147.8	2.1	2,154.1	1.8
September	2,168.8	0.9	2,173.2	1.2	2,156.6	0.1
October	2,169.2	0.0	2,184.4	0.5	2,129.3	-1.3
November	2,165.5	-0.2	2,190.4	0.3	2,086.7	-2.0
December	n.y.a.	n.y.a.	2,186.5	-0.2	2,029.9	-2.7

TABLE 1. NUMBER OF DWELLING UNITS APPROVED IN NEW RESIDENTIAL BUILDINGS, AUSTRALIA

Period	Houses			Other residential buildings			Total		
	Private sector	Public sector	Total	Private sector	Public sector	Total	Private sector	Public sector	Total
1990-91	90,973	3,082	94,055	26,267	5,724	31,991	117,240	8,806	126,046
1991-92	107,171	3,693	110,864	31,038	8,299	39,337	138,209	11,992	150,201
1992-93	119,846	3,741	123,587	40,319	6,651	46,970	160,165	10,392	170,557
1992-93 July-November	52,231	861	53,092	15,901	2,312	18,213	68,132	3,173	71,305
1993-94 July-November	54,310	1,214	55,524	20,782	1,501	22,283	75,092	2,715	77,807
1992—									
September	10,666	130	10,796	3,092	361	3,453	13,758	491	14,249
October	10,700	187	10,887	3,187	318	3,505	13,887	505	14,392
November	10,157	335	10,492	3,397	711	4,108	13,554	1,046	14,600
December	9,476	371	9,847	3,427	777	4,204	12,903	1,148	14,051
1993—									
January	7,636	560	8,196	3,379	382	3,761	11,015	942	11,957
February	9,041	319	9,360	3,186	497	3,683	12,227	816	13,043
March	11,081	458	11,539	3,681	539	4,220	14,762	997	15,759
April	9,475	440	9,915	3,738	502	4,240	13,213	942	14,155
May	10,249	306	10,555	3,625	686	4,311	13,874	992	14,866
June	10,657	426	11,083	3,382	956	4,338	14,039	1,382	15,421
July r	10,989	176	11,165	4,128	526	4,654	15,117	702	15,819
August r	10,774	153	10,927	4,108	322	4,430	14,882	475	15,357
September r	11,152	333	11,485	4,181	169	4,350	15,333	502	15,835
October r	10,435	257	10,692	3,801	142	3,943	14,236	399	14,635
November	10,960	295	11,255	4,564	342	4,906	15,524	637	16,161

NOTE: The number of self-contained dwelling units approved as part of the construction of non-residential building and alterations and additions to existing buildings (including conversions to dwelling units) are excluded from this table. There were 349 such dwelling units approved in November 1993. This includes 117 dwelling units created as the result of the conversion of a hotel to apartments in Victoria.

TABLE 2. VALUE OF BUILDING APPROVED, AUSTRALIA
(\$ million)

Period	New residential building									Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses			Other residential buildings			Total				Private sector	Total	Private sector	Total
	Private sector	Public sector	Total	Private sector	Public sector	Total	Private sector	Public sector	Total		Private sector	Total	Private sector	Total
1990-91	7,792.2	206.6	7,998.8	1,895.1	359.4	2,254.5	9,687.3	566.0	10,253.3	1,894.9	6,232.3	8,957.4	17,793.3	21,105.6
1991-92	9,113.0	275.6	9,388.5	2,060.3	557.1	2,617.4	11,173.3	832.7	12,005.9	1,973.9	4,745.4	7,208.7	17,873.5	21,188.5
1992-93	10,319.3	286.5	10,605.7	3,091.4	424.2	3,515.6	13,410.7	710.7	14,121.4	2,088.6	5,067.7	7,676.5	20,549.8	23,886.4
1992—														
September	903.8	11.4	915.1	216.0	23.5	239.5	1,119.8	34.9	1,154.7	197.7	424.3	557.9	1,741.2	1,910.3
October	918.6	13.4	932.1	202.6	18.8	221.4	1,121.3	32.2	1,153.5	187.0	303.5	785.0	1,611.2	2,125.5
November	872.6	23.4	896.0	238.3	42.7	280.9	1,110.9	66.1	1,176.9	178.0	423.5	658.6	1,711.0	2,013.5
December	821.8	26.6	848.5	231.5	53.5	285.0	1,053.3	80.2	1,133.5	164.0	571.4	690.2	1,788.0	1,987.7
1993—														
January	655.3	36.9	692.2	505.3	26.4	531.6	1,160.5	63.3	1,223.8	134.5	473.5	690.3	1,765.3	2,048.6
February	786.0	25.0	811.0	236.8	37.0	273.8	1,022.8	62.1	1,084.8	156.0	401.3	585.0	1,579.5	1,825.8
March	953.3	35.0	988.3	249.6	35.8	285.4	1,202.9	70.8	1,273.7	188.3	396.2	652.2	1,785.2	2,114.2
April	811.9	40.3	852.2	305.8	29.0	334.8	1,117.7	69.4	1,187.0	165.3	436.5	605.5	1,717.3	1,957.7
May	891.9	22.6	914.5	254.8	39.6	294.4	1,146.7	62.2	1,208.9	183.3	362.3	725.0	1,688.9	2,117.3
June	920.3	31.5	951.8	239.2	55.5	294.7	1,159.5	87.1	1,246.5	182.8	522.2	701.3	1,863.0	2,130.7
July r	963.5	17.3	980.8	313.8	31.5	345.4	1,277.3	48.9	1,326.2	178.2	380.6	560.8	1,834.7	2,065.1
August r	946.1	12.0	958.1	276.2	21.7	297.9	1,222.4	33.7	1,256.1	179.9	554.0	850.7	1,956.1	2,286.7
September r	984.4	27.3	1,011.7	315.7	10.4	326.1	1,300.1	37.8	1,337.8	223.9	687.5	923.0	2,209.7	2,484.8
October r	908.5	20.7	929.2	269.7	9.4	279.1	1,178.1	30.1	1,208.2	195.0	416.4	618.5	1,789.0	2,021.7
November	966.3	19.0	985.3	330.1	22.8	352.9	1,296.4	41.8	1,338.2	198.3	424.5	672.7	1,918.6	2,209.2

TABLE 3. NUMBER AND VALUE OF BUILDING APPROVED, AUSTRALIA
SEASONALLY ADJUSTED ESTIMATES

Period	Number of dwelling units				Value(\$m)			
	Houses		Total		New residential building	Alterations and additions to residential buildings	Non-residential building(a)	Total building
	Private sector	Total	Private sector	Total				
<i>1992—</i>								
September	10,100	10,214	12,887	13,370	1,097.2	175.3	564.8	1,849.7
October	9,930	10,312	13,355	13,981	1,129.0	168.5	674.0	1,984.1
November	9,933	10,198	13,249	14,219	1,158.0	174.0	647.9	1,986.5
December	10,079	10,491	13,855	14,988	1,203.3	174.9	722.0	2,126.5
<i>1993—</i>								
January	9,630	10,401	13,661	14,912	1,496.0	167.7	665.9	2,257.2
February	10,018	10,477	13,403	14,524	1,203.9	173.7	682.7	2,118.6
March	10,207	10,575	13,625	14,573	1,173.0	177.8	694.3	2,006.9
April	10,033	10,406	13,790	15,073	1,224.8	176.9	661.7	2,085.2
May	9,882	10,109	13,329	14,082	1,141.6	179.0	613.4	1,892.7
June	10,097	10,268	13,363	14,048	1,155.9	180.8	683.0	2,013.3
July r	10,353	10,765	14,561	15,279	1,270.1	170.0	596.9	2,081.8
August r	10,484	10,550	14,048	14,677	1,225.8	172.8	875.7	2,257.3
September r	10,495	10,797	14,437	14,981	1,281.5	200.2	955.7	2,394.2
October r	10,159	10,563	14,222	14,928	1,242.0	185.3	529.9	1,971.4
November	10,278	10,557	14,539	14,879	1,245.1	181.8	641.8	2,091.5

(a) Extreme care should be exercised in using the seasonally adjusted series for the value of non-residential building. The highly erratic nature of this data makes reliable estimation of the seasonal pattern very difficult.

TABLE 4. NUMBER AND VALUE OF BUILDING APPROVED, AUSTRALIA
TREND ESTIMATES (a)

Period	Number of dwelling units				Value(\$m)			
	Houses		Total		New residential building	Alterations and additions to residential buildings	Non-residential building	Total building
	Private sector	Total	Private sector	Total				
<i>1992—</i>								
September	9,998	10,181	13,147	13,772	1,122.3	170.9	595.1	1,892.1
October	10,000	10,260	13,306	14,012	1,160.2	171.7	630.8	1,968.0
November	9,973	10,337	13,438	14,299	1,204.9	172.1	662.1	2,044.2
December	9,948	10,404	13,543	14,564	1,244.1	172.2	682.2	2,101.1
<i>1993—</i>								
January r	9,942	10,440	13,590	14,722	1,263.4	173.1	689.9	2,124.2
February r	9,952	10,439	13,590	14,746	1,258.3	174.6	681.9	2,108.8
March r	9,977	10,408	13,566	14,669	1,233.7	175.4	662.8	2,065.1
April r	10,029	10,385	13,575	14,575	1,205.2	176.0	655.1	2,030.8
May r	10,104	10,391	13,651	14,537	1,188.8	176.7	668.0	2,028.8
June r	10,189	10,434	13,793	14,578	1,193.0	177.8	693.9	2,060.1
July r	10,262	10,504	13,973	14,676	1,214.5	179.3	720.9	2,109.6
August r	10,319	10,576	14,144	14,779	1,234.8	181.2	737.5	2,149.8
September r	10,355	10,629	14,294	14,872	1,248.1	183.4	738.7	2,168.8
October r	10,366	10,659	14,414	14,937	1,256.8	185.3	726.3	2,169.2
November	10,362	10,678	14,523	15,023	1,265.6	186.6	706.5	2,165.5

(a) Seasonally adjusted series smoothed by application of a 13-term Henderson moving average - see Explanatory Notes for a more detailed explanation.

TABLE 5. TOTAL NUMBER OF DWELLING UNITS APPROVED, STATES(a)
SEASONALLY ADJUSTED AND TREND ESTIMATES

Period	NSW	Vic.	Qld	SA	WA	Tas.
SEASONALLY ADJUSTED						
1992—						
September	3,862	2,379	3,616	987	1,783	365
October	3,995	2,412	3,671	1,038	2,086	344
November	4,191	2,561	3,756	940	1,800	381
December	4,372	2,585	4,345	1,149	2,045	359
1993—						
January	4,407	2,667	3,932	1,094	1,909	349
February	4,390	2,489	3,523	1,142	1,698	227
March	4,139	2,557	4,088	986	1,871	353
April	4,167	2,394	4,660	1,101	1,828	345
May	3,897	2,343	4,334	1,010	1,809	321
June	3,692	2,359	4,523	942	2,045	333
July	4,425	2,583	r 4,641	1,143	1,865	378
August	3,717	2,437	r 4,316	1,177	2,183	386
September	3,870	2,723	r 4,798	850	2,145	349
October	3,945	2,591	r 4,143	924	2,197	342
November	3,999	2,554	4,504	1,005	2,351	364
TREND ESTIMATES						
1992—						
September	3,920	2,438	3,765	995	1,878	365
October	4,038	2,490	3,775	1,018	1,907	363
November	4,175	2,535	3,812	1,045	1,920	355
December	4,287	2,563	3,869	1,070	1,907	342
1993—						
January	4,331	2,565	r 3,939	1,083	1,880	329
February	4,300	2,540	r 4,034	1,078	1,846	319
March	4,215	2,489	r 4,149	1,067	1,826	317
April	4,114	2,439	r 4,281	1,058	1,833	324
May r	4,023	2,418	4,412	1,051	1,870	336
June r	3,964	2,435	4,506	1,044	1,931	350
July r	3,939	2,479	4,535	1,037	2,007	358
August r	3,933	2,530	4,510	1,022	2,083	360
September r	3,931	2,572	4,481	1,002	2,158	361
October r	3,932	2,604	4,451	979	2,228	361
November	3,947	2,625	4,442	964	2,288	361

(a) Seasonally adjusted and trend estimates are not available for Northern Territory or Australian Capital Territory. NOTE: Analysis of the above State building approvals series has shown that they are subject to varying degrees of volatility. As an indication of this volatility, the average absolute monthly percentage change in the seasonally adjusted estimates over the last ten years, for each State series, is New South Wales, 8%; Victoria, 6%; Queensland, 8%; South Australia, 11%; Western Australia, 9% and Tasmania, 12%. This volatility should also be taken into account in analysis of the trend estimates presented (see "Reliability of Contemporary Trend Estimates" on page 3 of this publication).

TABLE 6. VALUE OF BUILDING APPROVED AT AVERAGE 1989-90 PRICES (a), AUSTRALIA
ORIGINAL AND SEASONALLY ADJUSTED ESTIMATES
(\$ million)

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential buildings	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
ORIGINAL									
1990-91	7,543.6	7,743.0	2,257.4	10,000.3	1,827.5	6,327.1	9,070.7	17,627.8	20,898.6
1991-92	8,781.7	9,045.2	2,745.7	11,791.0	1,893.9	5,057.2	7,629.9	17,971.3	21,314.8
1992-93	9,875.9	10,151.8	3,721.8	13,873.6	2,000.4	5,471.9	8,215.5	20,734.5	24,089.5
1992—									
June qtr.	2,328.5	2,409.8	827.4	3,237.2	475.5	1,090.0	1,759.0	4,501.7	5,471.7
Sept. qtr.	2,589.8	2,620.7	750.9	3,371.7	528.0	1,285.8	1,718.2	5,093.3	5,617.9
Dec. qtr.	2,502.9	2,563.9	834.4	3,398.2	508.1	1,396.4	2,265.0	5,147.4	6,171.3
1993—									
Mar. qtr.	2,283.0	2,376.9	1,163.6	3,540.5	457.4	1,373.1	2,059.6	5,200.1	6,057.5
June qtr.	2,500.2	2,590.2	973.0	3,563.2	507.0	1,416.6	2,172.6	5,293.7	6,242.7
Sept. qtr.	2,745.3	2,799.6	1,030.8	3,830.4	552.1	1,750.3	2,528.4	6,050.9	6,911.0
SEASONALLY ADJUSTED									
1992—									
June qtr.	2,298.3	2,359.8	n.a.	3,128.4	480.9	n.a.	1,671.6	4,374.5	5,273.5
Sept. qtr.	2,473.9	2,512.2	n.a.	3,262.1	495.8	n.a.	1,792.2	4,868.7	5,552.2
Dec. qtr.	2,468.7	2,546.3	n.a.	3,424.1	496.9	n.a.	2,169.5	5,264.8	6,141.4
1993—									
Mar. qtr.	2,463.9	2,564.1	n.a.	3,827.6	496.1	n.a.	2,183.0	5,518.6	6,456.2
June qtr.	2,470.9	2,538.0	n.a.	3,445.7	512.0	n.a.	2,093.7	5,157.2	6,026.9
Sept. qtr.	2,608.3	2,673.1	n.a.	3,691.1	515.2	n.a.	2,630.0	5,843.8	6,806.7

(a) See paragraphs 25-27 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.

TABLE 7. NEW DWELLING UNITS APPROVED, BY TYPE AND STATE, NOVEMBER 1993

State	Other residential building								Total residential building	
	Houses	Semi-detached, row or terrace houses, townhouses, etc. of			Flats, units or apartments in a building of			Total		
		1 storey	2 or more storeys	Total	1-2 storeys	3 storeys	4 or more storeys			
NUMBER OF DWELLING UNITS										
NSW	2,625	551	530	1,081	283	88	464	835	1,916	4,541
Vic.	2,491	104	56	160	2	92	—	94	254	2,745
Qld	3,047	454	649	1,103	339	126	165	630	1,733	4,780
SA	858	86	70	156	—	—	—	—	156	1,014
WA	1,746	519	94	613	—	—	—	—	613	2,359
Tas.	282	60	12	72	—	56	—	56	128	410
NT	63	2	—	2	—	—	12	12	14	77
ACT	143	79	—	79	13	—	—	13	92	235
Australia	11,255	1,855	1,411	3,266	637	362	641	1,640	4,906	16,161
VALUE (\$m)										
NSW	266.0	38.6	40.8	79.3	18.1	7.0	44.4	69.6	148.9	415.0
Vic.	216.3	7.2	4.1	11.3	0.2	7.0	—	7.2	18.5	234.8
Qld	267.1	25.1	41.2	66.2	18.5	10.8	21.5	50.7	117.0	384.0
SA	63.4	5.0	5.1	10.1	—	—	—	—	10.1	73.4
WA	130.3	30.5	7.1	37.5	—	—	—	—	37.5	167.8
Tas.	21.2	3.1	0.5	3.6	—	8.6	—	8.6	12.2	33.4
NT	5.5	0.2	—	0.2	—	—	1.0	1.0	1.2	6.7
ACT	15.5	5.3	—	5.3	2.2	—	—	2.2	7.5	23.1
Australia	985.3	114.8	98.7	213.5	39.0	33.5	66.9	139.3	352.9	1,338.2

TABLE 9. VALUE OF BUILDING APPROVED, BY CLASS OF BUILDING AND OWNERSHIP
(\$ million)

Class of building	1991-92	1992-93	July-November		1993		
			1992-93	1993-94	September	October	November
PRIVATE SECTOR							
New houses	9,113.0	10,319.3	4,478.9	4,768.8	† 984.4	† 908.5	966.3
New other residential buildings	2,060.3	3,091.4	1,068.4	1,505.5	† 315.7	† 269.7	330.1
<i>Total new residential building</i>	<i>11,173.3</i>	<i>13,410.7</i>	<i>5,547.3</i>	<i>6,274.3</i>	<i>† 1,300.1</i>	<i>† 1,178.1</i>	<i>1,296.4</i>
Alterations and additions to residential buildings	1,954.8	2,071.4	910.9	971.0	222.2	194.6	197.7
Hotels, etc.	399.0	226.3	118.3	334.4	203.4	14.6	20.8
Shops	787.7	1,114.7	394.3	605.4	119.0	184.6	64.8
Factories	651.9	716.2	335.6	227.0	40.1	48.0	61.2
Offices	1,196.0	943.4	311.1	355.8	94.4	48.3	79.7
Other business premises	566.6	697.3	290.9	261.2	50.8	45.7	66.5
Educational	237.2	277.4	123.0	161.9	49.5	17.9	35.5
Religious	79.4	88.0	46.1	43.8	10.0	5.3	5.5
Health	249.4	318.7	97.6	167.8	54.7	13.0	37.9
Entertainment and recreational	371.0	441.9	103.7	135.6	41.7	18.4	26.0
Miscellaneous	207.3	243.8	83.7	170.1	23.9	20.5	26.6
<i>Total non-residential building</i>	<i>4,745.4</i>	<i>5,067.7</i>	<i>1,904.3</i>	<i>2,462.9</i>	<i>687.5</i>	<i>416.4</i>	<i>424.5</i>
Total	17,873.5	20,549.8	8,362.5	9,708.2	† 2,209.7	† 1,789.0	1,918.6
PUBLIC SECTOR							
New houses	275.6	286.5	68.3	96.4	27.3	20.7	19.0
New other residential buildings	557.1	424.2	147.4	95.8	10.4	9.4	22.8
<i>Total new residential building</i>	<i>832.7</i>	<i>710.7</i>	<i>215.7</i>	<i>192.2</i>	<i>37.8</i>	<i>30.1</i>	<i>41.8</i>
Alterations and additions to residential buildings	19.1	17.1	3.5	4.3	1.7	0.4	0.6
Hotels, etc.	7.3	7.7	2.6	2.8	0.2	0.8	0.7
Shops	97.6	30.5	16.5	19.8	1.5	6.8	1.3
Factories	53.0	18.3	7.0	17.4	2.5	6.4	4.6
Offices	549.7	543.9	167.3	228.4	24.0	109.4	15.8
Other business premises	208.1	129.6	62.9	115.0	35.4	23.2	24.6
Educational	693.1	750.7	330.7	349.5	89.7	25.7	61.6
Religious	—	—	—	—	—	—	—
Health	248.2	535.1	362.1	270.3	24.6	6.7	113.7
Entertainment and recreational	305.6	342.0	78.7	76.0	19.8	11.2	13.3
Miscellaneous	300.7	251.1	95.0	83.5	38.0	11.9	12.5
<i>Total non-residential building</i>	<i>2,463.3</i>	<i>2,608.8</i>	<i>1,122.7</i>	<i>1,162.7</i>	<i>235.6</i>	<i>202.1</i>	<i>248.1</i>
Total	3,315.1	3,336.6	1,341.9	1,359.3	275.0	232.7	290.5
TOTAL							
New houses	9,388.5	10,605.7	4,547.2	4,865.2	† 1,011.7	† 929.2	985.3
New other residential buildings	2,617.4	3,515.6	1,215.8	1,601.3	† 326.1	† 279.1	352.9
<i>Total new residential building</i>	<i>12,005.9</i>	<i>14,121.4</i>	<i>5,763.0</i>	<i>6,466.5</i>	<i>† 1,337.8</i>	<i>† 1,208.2</i>	<i>1,338.2</i>
Alterations and additions to residential buildings	1,973.9	2,088.6	914.3	975.3	223.9	195.0	198.3
Hotels, etc.	406.3	234.0	120.8	337.2	203.5	15.4	21.5
Shops	885.2	1,145.1	410.8	625.2	120.5	191.4	66.1
Factories	704.9	734.5	342.6	244.4	42.6	54.4	65.8
Offices	1,745.7	1,487.3	478.4	584.2	118.4	157.8	95.5
Other business premises	774.7	826.9	353.8	376.2	86.2	68.9	91.1
Educational	930.3	1,028.1	453.7	511.4	139.2	43.6	97.2
Religious	79.4	88.0	46.1	43.8	10.0	5.3	5.5
Health	497.5	853.8	459.7	438.1	79.3	19.7	151.6
Entertainment and recreational	676.6	783.9	182.4	211.6	61.4	29.7	39.4
Miscellaneous	508.0	494.9	178.7	253.6	61.8	32.4	39.2
<i>Total non-residential building</i>	<i>7,208.7</i>	<i>7,676.5</i>	<i>3,027.0</i>	<i>3,625.7</i>	<i>923.0</i>	<i>618.5</i>	<i>672.7</i>
Total	21,188.5	23,886.4	9,704.4	11,067.5	† 2,484.8	† 2,021.7	2,209.2

TABLE 10. NON-RESIDENTIAL BUILDING JOBS APPROVED, BY CLASS OF BUILDING AND VALUE SIZE GROUPS

Period	\$50,000 to less than \$200,000		\$200,000 to less than \$500,000		\$500,000 to less than \$1m		\$1m to less than \$5m		\$5m and over		Total	
	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)
HOTELS, ETC.												
1993 September	38	3.9	5	1.4	5	3.2	2	7.8	2	187.3	52	203.5
October	33	3.2	6	1.6	3	2.2	2	2.9	1	5.5	45	15.4
November	26	2.5	13	3.8	8	5.1	3	5.1	1	5.0	51	21.5
SHOPS												
1993 September	242	21.2	56	16.4	16	11.4	12	27.1	4	44.4	330	120.5
October	232	21.0	45	12.5	20	12.9	10	19.7	4	125.3	311	191.4
November	246	23.1	51	14.6	13	8.9	12	19.6	—	—	322	66.1
FACTORIES												
1993 September	99	9.8	46	13.7	8	5.4	7	13.6	—	—	160	42.6
October	106	10.4	45	12.1	13	8.3	10	17.7	1	6.0	175	54.4
November	97	10.1	50	14.6	16	10.4	10	24.7	1	6.0	174	65.8
OFFICES												
1993 September	196	18.6	58	16.4	22	14.8	15	28.6	1	40.0	292	118.4
October	161	15.7	51	16.3	17	11.8	12	28.5	3	85.5	244	157.8
November	192	18.6	42	11.3	19	12.9	16	34.0	3	18.7	272	95.5
OTHER BUSINESS PREMISES												
1993 September	111	10.8	47	13.9	13	9.0	10	21.3	3	31.2	184	86.2
October	107	10.4	50	15.6	16	10.9	11	20.5	2	11.5	186	68.9
November	142	13.6	56	16.2	18	12.2	14	25.5	2	23.5	232	91.1
EDUCATIONAL												
1993 September	50	5.4	31	10.4	23	14.2	25	52.4	6	56.8	135	139.2
October	52	5.8	36	11.4	15	9.3	10	17.1	—	—	113	43.6
November	70	8.1	34	10.1	19	13.6	15	26.7	5	38.7	143	97.2
RELIGIOUS												
1993 September	13	1.0	8	2.7	—	—	3	6.3	—	—	24	10.0
October	11	1.2	9	2.8	2	1.3	—	—	—	—	22	5.3
November	14	1.4	8	2.3	2	1.8	—	—	—	—	24	5.5
HEALTH												
1993 September	24	2.4	14	4.7	7	4.6	18	35.7	3	32.0	66	79.3
October	19	1.9	7	2.1	5	3.8	7	11.9	—	—	38	19.7
November	26	3.0	15	4.5	8	6.3	9	17.4	6	120.4	64	151.6
ENTERTAINMENT AND RECREATIONAL												
1993 September	55	5.5	25	7.8	9	6.1	6	13.8	2	28.2	97	61.4
October	55	5.8	31	8.6	7	4.5	5	10.8	—	—	98	29.7
November	59	5.6	18	5.4	6	4.2	11	24.2	—	—	94	39.4
MISCELLANEOUS												
1993 September	62	6.3	21	6.9	8	5.5	7	14.0	1	29.1	99	61.8
October	62	6.4	23	7.3	9	5.7	7	12.9	—	—	101	32.4
November	59	6.0	30	9.2	13	8.9	7	15.2	—	—	109	39.2
TOTAL NON-RESIDENTIAL BUILDING												
1993 September	890	84.9	311	94.3	111	74.1	105	220.7	22	449.0	1,439	923.0
October	838	81.8	303	90.4	107	70.9	74	141.7	11	233.7	1,333	618.5
November	931	92.0	317	91.9	122	84.0	97	192.4	18	212.3	1,485	672.7

TABLE 11. SUMMARY OF BUILDING APPROVED

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Australia</i>
NUMBER OF DWELLING UNITS									
1992-93	48,497	29,571	47,785	12,312	22,479	4,094	1,480	4,339	170,557
<i>1992—</i>									
November	4,578	2,589	3,819	982	1,709	419	105	399	14,600
<i>1993—</i>									
August	3,843	2,510	r 4,650	1,188	2,135	383	r 164	484	r 15,357
September	4,262	2,798	r 4,869	893	2,212	341	197	263	r 15,835
October	3,799	2,642	r 4,537	858	2,086	351	129	233	r 14,635
November	4,541	2,745	4,780	1,014	2,359	410	77	235	16,161
VALUE OF NEW RESIDENTIAL BUILDING (\$m)									
1992-93	4,632.2	2,494.1	3,829.6	840.9	1,519.4	275.3	127.2	402.7	14,121.4
<i>1992—</i>									
November	405.5	216.2	302.1	68.0	112.1	28.4	8.3	36.4	1,176.9
<i>1993—</i>									
August	345.4	220.5	r 374.2	85.9	149.8	27.0	r 12.8	40.6	r 1,256.1
September	403.7	242.9	r 400.3	61.7	156.1	23.8	21.8	27.5	r 1,337.8
October	336.2	227.3	r 376.0	57.8	151.5	23.6	12.2	23.7	r 1,208.2
November	415.0	234.8	384.0	73.4	167.8	33.4	6.7	23.1	1,338.2
VALUE OF ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS (\$m)									
1992-93	965.0	533.0	212.9	132.6	137.1	33.1	19.2	55.7	2,088.6
<i>1992—</i>									
November	83.1	47.0	18.5	9.7	10.0	2.6	2.7	4.4	178.0
<i>1993—</i>									
August	81.1	44.7	21.5	10.9	11.0	2.7	1.8	6.3	179.9
September	121.1	46.7	22.6	10.3	12.7	3.1	2.2	5.3	223.9
October	87.3	53.5	20.0	9.4	14.0	3.5	1.3	6.0	195.0
November	87.4	55.7	19.5	11.7	13.0	3.3	1.3	6.4	198.3
VALUE OF NON-RESIDENTIAL BUILDING (\$m)									
1992-93	3,178.2	1,406.3	1,383.9	418.4	889.6	103.1	81.1	216.0	7,676.5
<i>1992—</i>									
November	328.1	93.0	72.4	45.7	65.1	8.9	0.8	44.5	658.6
<i>1993—</i>									
August	286.0	300.8	150.0	16.3	58.9	7.9	r 18.9	11.8	r 850.7
September	347.1	127.7	260.4	47.1	84.8	19.9	23.6	12.5	923.0
October	261.6	155.8	89.3	29.5	58.9	4.4	7.3	11.8	618.5
November	251.9	174.8	105.5	30.4	64.9	29.7	11.5	4.1	672.7
VALUE OF TOTAL BUILDING (\$m)									
1992-93	8,775.4	4,433.4	5,426.3	1,391.9	2,546.1	411.4	227.5	674.4	23,886.4
<i>1992—</i>									
November	816.6	356.2	391.0	123.3	187.2	39.9	11.9	85.3	2,013.5
<i>1993—</i>									
August	712.4	566.0	r 545.8	113.1	219.7	37.6	33.5	58.7	r 2,286.7
September	871.9	417.3	r 683.3	119.2	253.7	46.8	47.5	45.2	r 2,484.8
October	685.1	436.6	r 485.3	96.7	224.4	31.5	20.7	41.5	r 2,021.7
November	754.3	465.3	508.9	115.5	245.7	66.4	19.5	33.5	2,209.2

EXPLANATORY NOTES

Scope and coverage

This publication contains monthly details of building work approved. Statistics of building work approved are compiled from:

- (a) Permits issued by local government authorities in areas subject to building control by those authorities; and
- (b) Contracts let or day labour work authorised by Commonwealth, State, semi-government and local government authorities.

Major building activity which takes place in areas not subject to the normal administrative approval processes (e.g. buildings on remote mine sites) is also included.

2. The statistics relate to building activity which includes construction of new buildings and alterations and additions to existing buildings. Construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.) is excluded from this publication, but can be found in *Engineering Construction Activity, Australia* (8762.0).

3. In relation to work carried out on existing buildings, the statistics include details of non-structural renovation and refurbishment work and the installation of integral building fixtures, for which building approval was obtained.

4. From July 1990, the statistics cover:

- (a) all approved new residential building jobs valued at \$10,000 or more.
- (b) approved alterations and additions to residential buildings valued at \$10,000 or more.
- (c) all approved non-residential building jobs valued at \$50,000 or more.

Definitions

5. A *building* is defined as 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, to satisfy its intended use, is the provision for regular access by persons.

6. A *dwelling unit* is defined as a self-contained suite of rooms, including cooking and bathing facilities and intended for *long term* residential use. Units (whether self-contained or not) within buildings offering institutional care, such as hospitals, or temporary accommodation such as motels, hostels and holiday apartments, are not defined as dwelling units. The value of units of this type is included in the appropriate category of non-residential building approved.

7. A *residential building* is defined as a building predominantly consisting of one or more dwelling units. Residential buildings can be either *houses* or *other residential buildings* as follows:

(a) A *house* is defined as a detached building predominantly used for long term residential purposes and consisting of only one dwelling unit. Thus, detached 'granny flats' and detached dwelling units (such as caretakers' residences) associated with non-residential buildings are defined as houses for the purpose of these statistics.

(b) An *other residential building* is defined as a building which is predominantly used for long term residential purposes and which contains (or has attached to it) more than one dwelling unit (e.g. includes townhouses, duplexes, apartment buildings etc.).

8. The number of dwelling units created by alterations and additions to existing buildings, and through the construction of new non-residential buildings, is not included in the tables but is shown as a footnote to Table 1.

9. Values data are derived by aggregation of the estimated value (when completed) of building work (excluding value of land and landscaping but including site preparation) as reported on approval documents. For 'houses', these estimates are usually a reliable indicator of the completed value of the building. However, for 'other residential buildings' and 'non-residential buildings' these estimates can differ significantly from the completed value of the building.

Building classification

10. *Ownership*. The ownership of a building is classified as either *public sector* or *private sector* according to the sector of the intended owner of the completed building as evident at the time of approval. Residential buildings being constructed by private sector builders under government housing authority schemes whereby the authority has contracted, or intends to contract, to purchase the buildings on or before completion, are classified as *public sector*.

11. *Functional classification of buildings*. A building is classified according to its intended major function. 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 and not to the function of the group as a whole. An example of this can be seen in the treatment of building work approved for a factory complex. In this case a detached administration building would be classified to Offices, a detached cafeteria building to Shops, while factory buildings would be classified to Factories. An exception to this rule is the treatment of group accommodation buildings where, for example, a student accommodation building on a university campus would be classified to Educational.

12. From July 1992, an expanded functional classification of buildings based on the Dwelling Structure

Classification (DSC) has been introduced by the ABS to provide more detailed information on residential building approvals.

13. The DSC has been developed by the ABS to provide a standard classification of the different types of dwelling structures (houses, flats, townhouses, etc.). The DSC will be implemented across all major collections of housing data in the ABS. The DSC has the same overall scope as the classification used in previous collections but provides more detail than previously available to reflect the current interest in medium to high density housing.

14. In particular, for Building Approvals, DSC allows new *other residential building* to be classified as follows:

(a) *Semi-detached, row or terrace houses, townhouses, etc.* (dwellings having their own private grounds and no other dwellings above or below) with:

- one storey;
- two or more storeys.

(b) *Flats, units or apartments, etc.* dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell) in a building of:

- one or two storeys;
- three storeys;
- four or more storeys.

15. More details on the DSC are contained in the ABS Information Paper, *Dwelling Structure Classification (DSC)* (1296.0).

General

16. For purposes of comparison, it should be noted that statistics of building approvals are affected from month to month by large projects (such as blocks of flats and multi storey office buildings) approved in particular months and also by the administrative arrangements of government authorities.

Seasonal adjustment

17. Seasonally adjusted building statistics are shown in Tables 3 and 5. In these series, account has been taken of normal seasonal factors and 'trading day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month) and the effect of movement in the date of Easter which may, in successive years, affect figures for different months. Details of the methods used in seasonally adjusting the series are available on request.

18. Each of the component series shown has been seasonally adjusted independently. As a consequence, while the unadjusted components in the original series shown add to the totals, the adjusted components may not add to the adjusted totals. Further, the difference between independently seasonally adjusted series does not necessarily produce series which are optimal or even adequate adjustments of the similarly derived original series. Thus the figures which can be derived by subtracting seasonally adjusted private sector dwelling units from the seasonally

adjusted total should not be used to represent seasonally adjusted public sector dwelling units.

19. Seasonal adjustment may be carried out by various methods and the results may vary slightly according to the procedure adopted. Accordingly, seasonally adjusted statistics should not be regarded as in any way definitive. In interpreting particular seasonally adjusted statistics it is important to bear in mind the methods by which they have been derived and the limitations to which the methods used are subject.

20. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series may be more clearly recognised. Seasonal adjustment procedures do not aim to remove the irregular or non-seasonal influences which may be present in any particular month, such as the effect of the approval of large projects or as a consequence of the administrative arrangements of approving authorities. Irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

21. The seasonally adjusted series can, however, be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate. There are a number of ways of accomplishing this, depending on the intended uses of the trend estimate. If importance is attached to measuring the underlying change in the most recent periods, moving averages employing appropriate weighting patterns should be adopted; the choice of averaging technique will determine in part the degree of smoothness of the derived series. For example, a 23-term moving average will generally even out more of the short term fluctuation in a series (and therefore appear 'smoother') than will a 13-term moving average. However, the longer the term of the moving average the longer the time series affected by revisions resulting from more recent data. In order to ensure that the underlying trend-cycle of a series is reflected in the trend estimate, the degree of smoothness alone cannot always be used as the sole criterion in determining which moving average is appropriate.

22. Trend estimates of building statistics are shown in Tables 4 and 5. Each of the component trend series shown has been derived independently. As with the seasonally adjusted series, the component trend series should not be subtracted from the total to derive unpublished components. The trend estimates have been derived by applying a 13-term Henderson-weighted moving average to all except the last six months of the corresponding seasonally adjusted series.

23. The last six monthly trend estimates are obtained by applying surrogates of the Henderson-weighted averages to the seasonally adjusted series. (Further details concerning trend estimates in general, and the "end-point problem" in particular, can be obtained from the information paper *A Guide to Smoothing Time Series — Estimates of Trend* (1316.0)). As additional observations become

available. the provisional trend estimates for the latest six months will be revised.

24. Revisions to trend estimates will also occur with revisions to original data and as a result of the re-estimation of the seasonal factors.

Estimates at constant prices

25. Estimates of the quarterly value of building approvals at average 1989-90 prices are presented in original and seasonally adjusted terms for Australia in Table 6. (Note: monthly value data at constant prices are not available).

26. Constant price estimates measure changes in value after the direct effects of price changes have been eliminated. The deflators used to revalue the current price estimates in this publication are derived from the same price data underlying the deflators compiled for the dwellings and non-dwelling construction components of the national accounts aggregate 'Gross fixed capital expenditure'.

27. Estimates at constant prices are subject to a number of approximations and assumptions. Further information on the nature and concepts of constant price estimates is contained in Chapter 4 of *Australian National Accounts: Concepts, Sources and Methods* (5216.0).

Unpublished data and related publications

28. The ABS can also make available certain building approvals data which are not published. Where it is not practicable to provide the required information by telephone, data can be provided in the following forms: microfiche, photocopy, computer printout, floppy disk and clerically extracted tabulation. A charge may be made for providing unpublished information in these forms.

29. Users may also wish to refer to the following publications which are available on request:

Building Activity, Australia: Dwelling Unit Commencements, Preliminary (8750.0) — issued quarterly

Building Activity, Australia (8752.0) — issued quarterly

Engineering Construction Activity, Australia (8762.0) — issued quarterly

Construction Activity at Constant Prices, Australia (8782.0) — issued quarterly

Housing Finance for Owner Occupation, Australia (5609.0) — issued monthly

Price Index of Materials Used in House Building, Six State Capital Cities and Canberra (6408.0) — issued monthly

Price Index of Materials Used in Building Other Than House Building, Eight Capital Cities (6407.0) — issued monthly

House Price Indexes: Eight Capital Cities (6416.0) — issued quarterly

30. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS Office.

Next release date

31. The expected release date for the December 1993 issue of this publication is 3 February 1994. The date can be confirmed a few days prior to release by telephoning Canberra (06) 252 6067.

Symbols and other usages

- nil or rounded to zero.
- r figure or series revised since previous issue.
- n.a. not available
- n.y.a. not yet available

32. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

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