

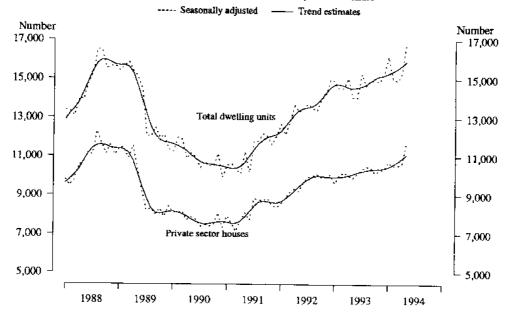
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# **BUILDING APPROVALS, AUSTRALIA, MAY 1994**

NOTE: Trend estimates for the most recent months are provisional and can be revised as data for additional months become available. Readers are referred to the "Reliability of Contemporary Trends" on page 3 for assistance with interpreting selected trend estimates.

#### SUMMARY OF FINDINGS

### DWELLING UNITS APPROVED, AUSTRALIA



#### Number of dwelling units approved

As a result of a 10.4 per cent rise in the seasonally adjusted series, the provisional trend for the total number of dwelling units approved, which had been relatively flat to April 1994, has been revised to now show continual growth since May 1993. The trend rose by 1.2 per cent to 15,895 in May 1994, following increases of 1.1 per cent in April and 0.9 per cent in March 1994. There would need to be a decrease of over 12 per cent in the seasonally adjusted series in June to halt this renewed growth. At 15,895 dwelling units approved, the trend is only 0.5 per cent below the previous highest monthly figure recorded for this series (15,973) in August 1988.

An increase of 9.6 per cent in the seasonally adjusted series in May 1994 has resulted in the growth of the provisional trend for the number of private sector houses strengthening. The trend rose by 1.4 per cent to 11,098 in May 1994, following growth of 1.6 per cent in April and 1.4 per cent in March 1994. There would need to be a fall of almost 13 per cent in the seasonally adjusted series in June 1994 to halt this growth. The historical average monthly movement of this series is 4 per cent.

#### DWELLING UNITS APPROVED, MAY 1994

	•	Perc	entage change
	Number	From previous month	From corresponding month of previous year
Private sector houses —			
Trend estimate	11,089	1.4	9.7
Seasonally adjusted	11,663	9.6	18.0
Original	12,576	31.2	22.7
Total dwelling units		-	
Trend estimate	15,895	1.2	9.3
Seasonally adjusted	16,883	10.4	19.9
Original	18,641	34,5	25.4

In scasonally adjusted terms, the *total number of dwelling units approved* rose by 10.4 per cent in May 1994 to 16,883. This represents the highest monthly number of dwelling units approved and is 2.4 per cent above the previous peak for this series (16,488) in September 1988. The number of private sector houses approved rose by 9.6 per cent in May 1994 to 11,663, the highest monthly number recorded since September 1988 (11,690) but 5.2 per cent below the previous peak for this series in August 1988 (12,305).

#### **INQUIRIES**

- for further information about statistics in this publication and the availability of related unpublished statistics, contact Paul Seville on Canberra (06) 252 6067 or any ABS State office
- ◆ about constant price deflators, contact Paul Curran on Canberra (06) 252 6708.
- for information about other ABS statistics and services please refer to the back n

In original terms, the total number of dwelling units approved in May 1994 was 18,641, the highest recorded monthly figure for this series. The number of private sector houses approved in May 1994 was 12,576, the highest recorded monthly figure for this series.

The growth in the provisional trend estimate for total dwelling units approved in New South Wales has strengthened as a result of an 11.9 per cent rise in the seasonally adjusted series in May 1994. The trend for total dwelling units approved in Queensland which was reported to have been flat last month, has been revised to show strong growth to May 1994 as a result of a 17.8 per cent rise in the seasonally adjusted series. The trends for South Australia and Western Australia, which had been falling slightly last month, are again displaying growth as a result of increases of 7.0 per cent and 9.4 per cent respectively in the seasonally adjusted series. The trend for Victoria has flattened following a period of growth since May 1993. The trend for Tasmania continues to fall.

#### Value of building approved

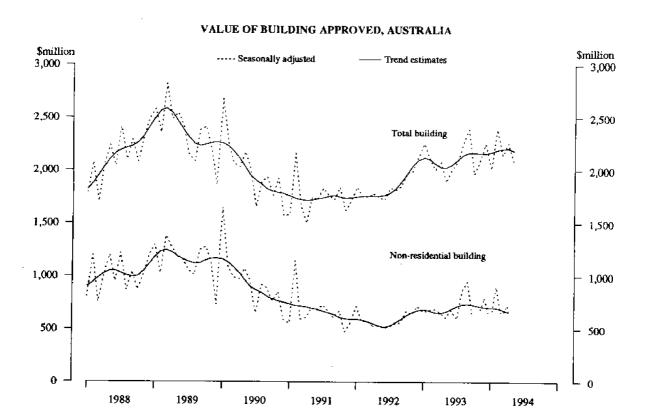
The provisional trend estimates for the value of total building approved fell slightly (-0.8%) to May 1994, after a short period of growth between December 1993 and April 1994. There would need to be an increase in the seasonally adjusted series of almost 11 per cent in

June 1994 for the trend growth to resume. The historical average monthly movement of this series is 9 per cent.

The provisional trend estimates for the value of new residential building approved which had almost flattened last month, has now been revised to show consistant growth from May 1993. There would need to be a fall of almost 12 per cent in the seasonally adjusted series in June 1994 to halt this growth. The historical average monthly movement of this series is 5 per cent.

The growth in the provisional trend estimates for the value of approved alterations and additions to residential buildings has strengthened to May 1994 as a result of a 16.7 per cent rise in the seasonally adjusted series. There was a significant increase in alterations and additions activity in Victoria where there were a number of conversions of non-residential buildings to dwelling units (see footnote to Table 1).

As a result of a 33.4 per cent decline in the seasonally adjusted series in May 1994, the provisional trend estimate for the value of non-residential building approved now shows decline from September 1993. Users are again reminded of the extreme volatility of this series caused by the approval of small numbers of very large jobs.



#### RELIABILITY OF CONTEMPORARY TREND ESTIMATES

The tables below present trend estimates of selected building approvals series for the six months December 1993 to May 1994.

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 reliably identified. 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 (June 1994) were equal to 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 June 1994, the trend estimate for that month would be 11.614, a movement of 2.4 per cent. The monthly movements in the trend estimates for March, April and May 1994, which are currently estimated to be 1.4 per cent, 1.6 per cent and 1.5 per cent respectively, would be revised to 2.0 per cent, 2.4 per cent and 2.5 per cent. On the other hand, a 4 per cent seasonally adjusted decline in the number of private houses approved in June 1994 would produce a trend estimate for June of 11,264, a movement of 1.4 per cent, with the movements in the trend estimates for March, April and May 1994 being revised to 1.5 per cent, 1.6 per cent and 1.6 per cent, respectively.

# NUMBER OF PRIVATE SECTOR HOUSES APPROVED RELIABILITY OF TREND ESTIMATES

			Revised trend estimate if June 1994 seasonally adjusted est <mark>imate</mark>						
	Tren	d estimate	is up 49	% on May 1994	is down 4	% on May 1994			
	No.	% change on previous month	No.	% change on previous month	No.	% change on previous month			
1993—									
December	10,406	0.2	10,385	0.0	10,401	0.2			
<i>1994</i> —									
January	10,484	0.8	10,448	0.6	10,476	0.7			
February	10,611	1.2	10,593	1.4	10,607	1.3			
March	10,763	1.4	10,807	2.0	10,770	1.5			
April	10,931	1.6	11,065	2.4	10,942	1.6			
May	11,089	1.5	11,344	2.5	11,113	1.6			
June	n.y.a.	n.y.a.	11,614	2.4	11,264	1.4			

# TOTAL NUMBER OF DWELLING UNITS APPROVED RELIABILITY OF TREND ESTIMATES

			Revised trend estimate if June 1994 seasonally adjusted estimate						
	Tren	d estimate	is up 49	% on May 1994	is down 4	% on May 1994			
	No.	% change on previous month	No.	% change on previous month		% change or previous month			
1993—	· <del>··</del>	<del></del>		<u></u>	•	<del></del>			
December	15,211	0.4	15,181	0.2	15,206	0.3			
1994—									
January	15,286	0.5	15,231	0.3	15,275	0.5			
February	15,390	0.7	15,364	0.9	15,386	0.7			
March	15,526	0.9	15,595	1.5	15,537	1.0			
April	15,701	1.1	15,927	2.1	15,733	1.3			
May	15,895	1.2	16,322	2.5	15,956	1.4			
June	n.y.a.	n.y.a.	16,707	2.4	16,155	1.3			

# VALUE OF NEW RESIDENTIAL BUILDING APPROVED RELIABILITY OF TREND ESTIMATES

Revised	trend	estimate	ij	June	1994
seas	onally	adiustea	l e	stima	te

			Seasonally displaced continue							
	Trene	Trend estimate		% on May 1994	is down 5% on May 1994					
	\$m	% change on previous month	\$m	% change on previous month	\$ <i>m</i>	% change on previous month				
1993—										
December	1,278.7	0.6	1,276.1	0.4	1,278.6	0.6				
1994—										
January	1,289.9	0.9	1,285.0	0.7	1,289.4	0.8				
February	1,304.3	1.1	1,302.0	1.3	1,304.2	1.2				
March	1,320.6	1.3	1,326.7	1.9	1,320.9	1.3				
April	1,338.5	1.4	1,357.5	2.3	1,338.3	1.3				
May	1,355.5	1.3	1,391.9	2.5	1,355.6	1.3				
June	n.y.a.	n.y.a.	1,424.9	2.4	1,370.2	1.1				

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

Revised trend estimate if June 1994

				seasonally adj	usied estimate	
	Tren	Trend estimate		% on May 1994	is down 19	% on May 1994
	\$m	% change on previous month	\$m	% change on previous month	\$m	% change on previous month
1993—		<u>-</u>				
December	711.9	-1.2	713.1	-1.0	716.8	-0.5
1994						
January	707.4	-0.6	709.1	-0.6	715.5	-0.2
February	704.3	-0.4	704.5	-0.6	707.7	-1.1
March	690.2	-2.0	689.0	-2.2	680.5	-3.8
April	667.2	-3.3	655.5	-4.9	627.6	-7.8
May	627.0	-6.0	615.6	-6.1	563.0	-10.3
June	n.y.a.	п.у.а.	575.5	-6.5	496.1	-11.9

# VALUE OF TOTAL BUILDING APPROVED RELIABILITY OF TREND ESTIMATES

Revised trend estimate if June 1994 seasonally adjusted estimate

				seasonary day	ASICLE CAMPAGE	
	Tren	Trend estimate		6 on May 1994	is down 9	% on May 1994
	<b>\$</b> m.	% change on previous month	Sm	% change on previous month	\$m	% change on previous month
1993—						
December	2,165.4	-0.1	2,164.1	-0.1	2,171.4	0.2
1994—						
January	2,177.3	0.6	2,174.2	0.5	2,187.0	0.7
February	2,195.7	0.8	2,193.8	0.9	2,200.1	0.6
March	2,205.6	0.5	2,210.1	0.7	2,193.2	-0.3
April	2,207.2	0.1	2,213.8	0.2	2,158.2	-1.6
May	2,189.5	-0.8	2,211.8	-0.1	2,107.0	-2,4
June	n.y.a.	n.y.a.	2,207.3	-0.2	2,049.1	-2.7

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

		Houses		Other res	idential building	şs		Total	
Period	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-May 1993-94	109,189	3,315	112,504	36,937	5,695	42,632	146,126	9,010	155,136
July-May	115,870	2,755	118,625	44,561	3,981	48,542	160,431	6,736	167,167
1993-									
March	11,081	458	539, 11	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	10,989	176	11,165	4,128	526	4,654	15,117	702	15,819
August	10,774	153	10,927	4,108	322	4,430	14,882	475	15,357
September	11,152	333	11,485	4,181	169	4,350	15,333	502	15,835
October	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
December	9,621	302	9,923	3,525	245	3,770	13,146	547	13,693
1994									
January	8,325	220	8,545	3,955	274	4,229	12,280	494	12,774
February	9,718	130	9,848	3,588	448	4,036	13,306	578	13,884
March	11,734	249	11,983	4,061	468	4,529	15,795	717	16,512
April	9,586	339	9,925	3,644	287	3,931	13,230	626	13,856
May	12,576	301	: 2,877	5,006	758	5,764	17,582	1,059	18,641

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 705 such dwelling units approved in May 1994. This includes 426 dwelling units created as the result of the conversion of office and warehouse buildings to apartments in Victoria.

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

				New res	idential E	nuilding								
	Houses			Other residential buildings			Total		Alterations and additions	Non-residential building		Total building		
	Public sector	Total	Private sector	Public sector	Total	Private sector	Public sector	Total	lo residential buildings	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
1993 -														
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	21142
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	1,763.2	2,114.2 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	2,117.5
July	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	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	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	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	2,404.8
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
December	864.8	22.5	887.3	242.3	15.1	257.4	1,107,1	37.6	1,144.7	168.1	457.5	767.4	1,732.1	2,080.2
1994														
January	750.2	25.8	776.0	296.8	20.4	317,2	1.047.1	46.2	1.093.3	145.2	302.7	<b>566.</b> 0	1,494.5	1,804.5
February	867,0	11.2	878.3	274.4	28.7	303.1	1.141.4	39.9	1,181.3	173.7	492.5	781.0	1,896.6	2,136.0
March	1,061.9	19.7	1,081.6	350.7	30.8	381.6	1.412.6	50.6	1,463.1	203.3	436.0	596.7	2,051.4	2,156.0
April	878.1	33.3	911.4	263.5	17.8	281.3	1,141.5	51.1	1.192.7	178.8	448.3	642.0	1.767.2	2,203.1
May	1,144.9	21.9	1,166.8	369.1	49.1	418.2	1,514.0	71.0	1,585.0	250.3	446.2	612.2	2.199.4	2,447.5

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

		Number of dwelling units					im)	
	Houses		Total			Alterations and	.,	
Period	Private sector	Total	Private sector	Total	New residential building	additions to residential buildings	Non- residential building(a)	Total building
1993								
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	10,353	10,765	14,561	15,279	1,270.1	170.0	596.9	2,081.8
August	10,484	10,550	14,048	14,677	1,225.8	172.8	875.7	2,257.3
September	10,495	10,797	14,437	14,981	1,281.5	200.2	955.7	2,394.2
October	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
December	10,370	10,816	14,619	15,243	1,268.9	185.2	803.9	2,254.0
1994-								
January	10,764	10,950	15,666	16,166	1,352.0	183.1	567.4	2,015.4
February	10,536	10,719	14,203	15,047	1,277.6	193.4	910.3	2,400.7
March	10,557	10,837	14,110	14,919	1,317.2	185.4	624.7	2,149.3
April	10,641	10,887	14,567	15,297	1,274.4	199.2	732.7	2,260.7
May	11,663	11,903	15,941	16,883	1,432.0	232.5	488.3	2,085.4

<sup>(</sup>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 (2)

		Number of dwell	ing units		Value(3	m)		
	Houses		Total			Alterations and		
Period	Private sector	Total	Private sector	Total	New residential building	additions to residential huildings	Non- residential building	Total building
1993								
March	9,977	10,408	13,566	14,669	1,233.7	175.4	662.8	2,065.1
April	10,029	10,385	13,575	14,575	1,205.2	176.0	655.1	2,030.8
May	10,104	10,391	13,651	14,537	1,188.8	176.7	668.0	2,028.8
June	:0,190	10,430	13,789	14,570	1,192.1	177.8	692.0	2,057.4
July	10,259	10,494	13,949	14,641	1,210.0	179.4	721.3	2,108.0
August	10,309	10,567	14,128	14,747	1,232.5	181.3	737.9	2,149.8
September	10,350	10,637	14,329	14,894	1,248.1	183.3	741.3	2,170.1
October	10,378	10,688	14,516	15,056	1,262.2	184.8	731.9	2,171.1
November r	10,382	10,699	14,614	15,158	1,271.6	185.0	720.6	2,166.5
December r	10,406	10,711	14,639	15,211	1,278.7	185.0	711.9	2,165.4
1994-								
January r	10,484	10,767	14,659	15,286	1,289.9	186.4	707.4	2,177.3
February r	10,611	10,868	14,693	15,390	1,304.3	190.2	704.3	2,195.7
March r	10,763	11,002	14,760	15,526	1,320.6	196.5	690.2	2,205.6
April r	10,931	11,160	14,874	15,701	1,338.5	204.0	667.2	2,207.2
May	11,089	11,318	15,003	15,895	1,355.5	211.4	627.0	2,189.5

<sup>(</sup>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
		SEASONAL	LY ADJUSTED			_
1993						
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	4,641	1,143	1,865	378
August	3,717	2,437	4,316	1,177	2,183	386
September	3,870	2,723	4,798	850	2,145	349
October	3,945	2,591	4,143	924	2,197	342
November	3,999	2,554	4,504	1,005	2,351	364
December	3,556	2,634	4,641	927	2,551	368
1994						
January	4,348	2,754	4,570	927	1,881	390
February	3,965	2,886	4,061	897	2,174	362
March	3,806	2,636	4,676	906	2,334	297
April	4,354	2,667	4,399	982	2,163	292
May	4,872	2,685	5,180	1,051	2,367	354
		TREND E	STIMATES			
1993—			•			
March	4,215	2,489	4,149	1,067	1,826	317
Apnl	4,114	2.439	4,281	1,058	1,833	324
May	4,023	2.418	4,412	1,051	1,870	336
June	3,969	2,433	4,505	1,045	1,925	350
July	3,935	2,473	4,539	1,038	2,008	358
August	3,915	2,520	4,527	1,024	2,101	361
September	3,907	2,568	4,500	1,001	2,183	363
October	3,900	2,613	4,485	971	2,241	367
November r	3,888	2,651	4,461	942	2,263	367
December r	3,896	2,682	4,437	922	2,254	363
1994						
January r	3,955	2,705	4,444	922	2,233	356
February r	4,051	2,718	4,481	933	2,219	346
March r	4,176	2,721	4,551	947	2,221	335
April r	4,321	2,717	4,650	964	2,235	326
May	4,471	2,707	4,734	983	2,249	318

<sup>(</sup>a) Seasonally adjusted and trend estimates are not available for Northern Territory or Australian Capital Territory. NOTE: Analysis of the above State building approvals scries 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 scries, is New South Wales, 8%; Victoria, 6%; Queensland, 7%; South Australia, 11%; Western Australia, 8% 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)

		New residentia	al building		Alterations	Non-residential	building	Total buit	ding
Period	House. Private sector	s Total	Other residential buildings	Total	and * additions to residential buildings	Private sector	Total	Private sector	Tota
		7 (1111	Constant S	10,44	Diff. 1911	261407	3 13 1421	386101	1012
				ORIGINA	A.L.				
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	10,1518	3,720.3	13,872.1	2,000.4	5,466.0	8,206.8	20,726.9	24,079.4
1992									
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	1,371.0	2.056.7	5,197.8	6,054.6
June qtr.	2,500.2	2,590.2	971.5	3,561.7	507.0	1,412.8	2,166.9	5,288.4	6,235.5
Sept. qtr.	2,745.3	2,799.6	1,026.2	3,825.8	552.1	1,740,4	2,513.2	6,034.2	6,891.2
Dec. qtr.	2,569.2	2,626.7	937.1	3,563.8	524.4	1,406.9	2,210.3	5,429.5	6,298.5
1994—									
Mar. qtr.	2,510. <b>9</b>	2,562.1	1,054.6	3,616.8	487.9	1,340.4	2,118.8	5,340.7	6,223.5
			SEA	SONALLY A	DJUSTED				
1992									
Dec. qur.	2,468.7	2,546.3	ri.a.	3,424.1	496.9	n.a.	2,169.5	5,264.8	6,141.4
1993-									
Mar. gtr.	2,463.9	2,564.1	n.a.	3,827.6	496.1	n.a.	2,179.9	5.516.2	6.453.1
June qur.	2,470.9	2,538.0	n.a.	3,444.2	512.0	n.a.	2,088.2	5,152.0	6,019.9
Sept. qtr.	2,608.3	2,673.1	n.a.	3,686.6	515.2	n.a.	2,614.2	5,827.7	6,787.1
Dec. qu.	2,548.2	2,619.9	n.a.	3,626.5	516.0	n.a.	2,121.1	5,468.4	6,304.4
1994—									
Mar. qtr.	2,698.2	2,755.2	n.a.	3,819.1	525.1	11.2.	2,291.9	5,693.2	6,586.4

<sup>(</sup>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, MAY 1994

					Other resident	ial building				
	_	Semi-detached, row or terrace houses, townhouses, etc. of			Flats, u	nits or apartme	g of	<b></b>		
State	Houses	l storey	2 or more storeys	Total	1-2 storeys	3 storeys	4 or more storeys	Total	Total	Total residential building
			NU	MBER OF I	OWELLING UN	NTS				
KIOME	3 300	7.0	274		F.O.A.					
NSW	3,289	7:3	274	987	592	161	404	1,157	2,144	5,433
Vic.	2,649	239	55	294		_	86	86	380	3,029
Q1d	3,610	327	724	1,051	403	307	220	930	1,981	5,591
SA	936	119	48	167	_		_		167	1,103
WA	1,900	619	93	712		52		52	764	2,664
Tas.	271	77	_	77	_				77	348
NΓ	88	2	_	2	12	4	8	24	26	114
ACT	134	209	16	225		_	-	-	225	<b>3</b> 59
Australia	12,877	2,305	1,210	3,515	1,007	524	718	2,249	5,764	18,641
				VAL	UE (Sm)			<del>-                                    </del>	****	
NSW	324.4	50.8	24.6	75.4	40.7	16.5	33.5	90.7	166.1	490.4
V <sub>1C</sub> .	253.2	15 1	4.1	19.2	_		7.9	7.9	27.1	280.3
Qid	325.1	18.5	48.1	66.7	26.3	27.0	21.7	75.0	141.7	466.8
SA	68.4	7 1	4.5	11.7	20.5	27.07	21.1		11.7	80.0
WA	151.9	38.8	6.1	44.8	<del>-</del>	3.6	_	3.6		
Tas.	20.5	4.2		4.2					48.4 4.2	200.4
NT	8.6	0.1		0.1	0.6	1.0		_		24.6
ACT	14.8	14.4	1.9	16.3			1.0	2.6	2.8	11.4
AC1	14.6	144,44	1.9	16.3			•	_	16.3	31.1
Australia	,166.8	48.9	9.3	238.3	67.6	48.0	64.3	179.9	118.2	1,585.0

TABLE 8. DETAILS OF BUILDING APPROVED, MAY 1994

		N.	New residential building	ial buildin	81		   					Valu	Value (Sm)						
	Houses	wes	Other residential buildings	idential ngs	Total	je	Alterations					Non-resic	Non-residential building	lding					
State	Number of dwelling units	Value (Sm)	Number of dwelling units	Value (Sm)	Number of dwetting units	Value (\$m)	and additions to residential buildings	Hotels, etc.	Shops	Shops Factories	Оffices	Other bus- iness pre- Ec	bus- ness pre-Educati Religi- uses anal ous		En re Health	Enterial rement and recreational	Miscel- laneous	Total	Total building
į								PRIV,	PRIVATE SECTOR	TOR								ļ	
NSW	3,232	319.7	1,832	145.4	5,064	465.1	95.9	3.7	24.6	26.1	797	13.9	2.8		15.9	9.51	12.0	143.0	704.0
Vic.	2,610	250.3	331	24.3	2,941	274.6	88.7	2.6	27.4	6'21	32.0	13.1	6.7	1.5	3.2	7.6	7.0	118.8	482.1
S \$	5.545 5.75	319.8	1,827	131.3	5,370	451.1	661	9.2	19.4	12.7	16.1	22.1	2,8	0.7	5.7	9.6	2.0	99.3	570.3
WA	1,828	147.0	54]	3.55	2.369	[8] \$	13.4	) c	140		2.1	4 v	ال الأوراد	! 6	6.0		0.7	146	99.6 6.6%
Tas.	269	20.3	11	4.2	346	24.5	4.2	. 4.	0.2	77	1.0	. 4	0.2	]	2.2	00	]	5.6 6.6	35.9
医	56 }	0.8	26	2.8	107	10.7	1.3		0.7	0.1	0.4	0.3				0.2	0.1	9 T	13.9
AC.	<u>x</u>	<u>4</u>	225	16.3	359	31.1	ις 90		6.0		2.7	8.0	I	0.3		I		4.7	41.7
Australia	12,576	1,144.9	5,006	1'698	17,582	1,514.0	239.2	16.8	89.3	0.50	85.2	62.4	26.8	4.3	58.9	45.0	22.5	4462	2,199.4
								PUBI	PUBLIC SECTOR	70K									
WSW	S7	47	312	20.7	369	25.3	2.3	I	2.6	0.2	7.4	0.7	10.7		7.5	5.0	7	40.5	289
Vic.	39	2.9	49	2.8	96 96	5.7	8.0	I	4.0	'	5.7	01	7.6		4.	10.5	. ec	2	0.00
Old Old	67	5.3	154	10.4	221	15.7		i	9.0	8.0	0.6	3.0	12.8	I	8.6	0.3	10.4	46.7	62.4
SA 	57	3.4	25	1.3	11	4.7	9.0		0.4	i	3.3	6.0	6.4	I		0.7	0.5	12.2	17.5
<b>×</b> ⊁	7.5	6, c	223	13.9	295	80° :		1.	I	0.4		1	1		Ι	8.0	1.0	13	20.1
<u> </u>	7 [	- <b>C</b>		I	7	- C	0.2	0.3		۱ ,	0.3	1 ;	5.7		0.4		1	6.7	7.0
ACT	`	3		į	-	ò	I		:	0.4	[ ;	3.2	3.2		0.7	1	0.1	7.6	6.3
:	i	,								i	0,0	j J		l	4.0	l	<del>4</del> .	90 90	90 90
Australia	307	6.12	867	1.69	650'/	71.0	I'II	03	4.1	67	32.5	13.1	52.5	I	24.2	17.2	20.4	166.0	248.1
ŗ									TOTAL							ļ.			
NSW	3,289	324.4	2,144	166.1	5,433	490.4	1.86	3.7	27.3	26.3	34.2	14.7	13.5	13	23.4	20.9	18.3	183.5	772.1
Vic.	2,649	253.2	380	27.1	3,029	280.3	£:98:	2.6	27.8	17.9	37.7	14.1	14.3	5.5	8.6	17.9	8.7	151.1	528.1
ξ, ζ	3,610	325.1	- -	141.7	5,591	4668	6.6t	9.2	20.0	13.5	25.1	25.1	15.6	0.7	15.5	8.9	12.4	145.9	632.7
8.A	9 6 5. 6	68.4	/91	7.11	1,103	80.0	10.7	0.7	1.5	=	5.4	4.3	6.6	;	6.0	2.5	0.5	26.7	117.4
7 Y	(1,900) 155	6.161	ā t	4.84	2,664	2002	13.4	6.0	14.9	λC.	4.2	8.5	11.0	5.0	1.0	11.5	<u>e:</u>	58.7	272.4
ğ 1 <u>7</u>	1/7	20.2	: :	4 6	× + -	24.6	k. 4	0.7	0.2	2.1	 E:	<b>0</b> .4	5.9	I	2.6	0.2		13.3	42.2
AG T	\$ 12 25	× 7	3 %	2.8 8.4	350	11.4			0.7	0.5	ე ე	3.5	3.2	1;	0.7	0.2	0.2	9.4	22.1
	5	o Ť	3	10.0	<b>A</b>	1 16	¢:0	l	Ų.	l	9.3	5.1	6.1	0.3	0.4		1.4	23.5	\$.08
Australia	12,877	1,166.8	5,764	418.2	18,641	1,585.0	250.3	17.1	93.3	6.99	117.6	75.5	79.3	£.4	53.1	62.2	42.9	612.2	2,447.5
	!																		

 $\begin{tabular}{ll} \textbf{TABLE 9. VALUE OF BUILDING APPROVED, BY CLASS OF BUILDING AND OWNERSHIP \\ & \textbf{(\$ million)} \end{tabular}$ 

New Address	Class of building	12221 1 202	1000 00 -	July-Ma			1994	
Now houses New solutions New solution resolution huisidings 2,0603 3,0614 2,8252 3,3024 3,507 2,0633 3,0614 2,8252 3,3024 3,507 2,0633 3,0614 2,8252 3,3024 3,077 2,0633 3,0614 2,0673 3,0614 2,0673 3,0614 2,0673 3,0614 2,0673 3,0614 2,0673 3,0614 2,0673 3,0614 2,0673 3,0614 2,0673 3,0614 2,0673 3,0614 3,0617 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3,0618 3	<del> </del>	1991-92			1993-94	March	April	May
New other residential buildings   2,0603   3,9514   2,8522   3,392.4   1597.7   2633   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576   1576			IMIAIL	SECTOR				
Abenturos and additions to emented building	New houses	9,113.0	10,319.3	9,399.0	10,335.6	1,061.9	878.1	1,144.9
Total new restriction biology	New other residential buildings	2,060.3	3,091.4	2,852.2	3,302.4	350.7	263.5	369.1
Hasca, cac.   399,0   226,3   206,6   456,3   11,3   22,8   18,	Total new residential building	11,173.3	13,410.7	12,251.2	13,638.0	1,412.6	1,141.5	1,514.0
Hastal, acc.   399,0   226,3   206,6   436,5   11,3   22,8   15,	Alterations and additions to							
Shops	residential buildings	1,954.8	2,071.4	1,890.1	2,075.3	202.8	177.3	239.2
Fectors	Hotels, etc.	399.0		206.6	436.3	11.3	22.8	16.8
Offices	Shops	787.7	1,114.7	965.8	1,222.0	153.4	91.2	89.3
Cheer business premisies	Factories	651.9	716.2	664.5	563.0	<b>44</b> .1	114.4	65.0
Educational   237.2   277.4   259.8   299.9   39.9   10.0   24.6   48.6   39.0   39.9   10.0   24.6   48.6   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.0   39.	Offices	1,196.0	943,4	833.2	778.9	48.0	86.2	85.2
Religious 79 4 88.0 79 3 69.1 2.4 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4.8 4	Other business premises	566.6	697.3	630.3	600.0	58.6	48.6	62.4
Health	Educational	237.2	277.4	259.8	299.9	39.9	10.0	26.8
Electratament and recreational   371 0   441 9   400.8   322.4   14.0   16.2   43	Religious	79.4	88.0	79.3	69.1	2.4	4.8	4.3
Mascellamonus	Health	249.4	318.7	283.3	454.5	22.8	40.2	28.9
Total   17,873.5   29,549.8   18,666.8   20,759.4   2,051.4   1,767.2   2,195   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,00	Entertainment and recreational	371.0	441.9	400.8	322.4	14.0	16.2	45.0
Total   17,873.5   20,549.8   18,686.8   20,759.4   2,051.4   1,767.2   2,198   18,086.8   20,759.4   2,051.4   1,767.2   2,198   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19.00   19	Miscellaneous	207.3	243.8	222.0	299.8	41.5	14.0	22.5
New houses   275.6   286.5   254.9   230.9   19.7   33.3   22	Total non-residential building	4,745.4	5,067.7	4,545.5	5,046.0	436.0	448.3	446.2
New bouses	Total	17,873.5	20,549.8	18,686.8	20,759.4	2,051.4	1,767.2	2,199.4
New other residential buildings			PUBLIC S	ECTOR	•		-	
New other residential buildings	New houses	275.6	286.5	254.0	210 0	107	22.2	21.9
Total new residential building								
Hotels, etc.   7.3   7.7   7.3   7.5     1.8   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0.5   0								49.1 71.0
Hotels, etc.   7.3   7.7   7.3   7.5     1.8   0.5	Alternations and additions to							
Shops		19.1	17.1	15.6	19.3	0.5	1.4	11.1
Factories	Hotels, etc.	7.3	7.7	7.3	7.5		8.1	0.3
Factories	Shops	97.6	30.5	29.5	31,2	2.0	1.3	4.1
Offices         549.7         543.9         520.2         466.9         21.2         27.3         32           Other business premises         208.1         129.6         124.3         469.8         15.4         11.8         13           Educational         693.1         750.7         690.3         711.6         44.1         74.2         52           Religious         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —	Factories	53.0	18.3	18.3	80.9	42.0	16.4	1.9
Other business premises         208.1         129.6         124.3         469.8         15.4         11.8         13           Educational Business premises         693.1         750.7         690.3         711.6         44.1         74.2         52           Religious         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —	Offices	<b>5</b> 49.7						32.5
Educational 693.1 750.7 690.3 711.6 44.1 74.2 52 Retigrous — — — — — — — — — — — — — — — — — — —	Other business premises	208.1	129.6	124.3				13.1
Religious	•	693.1	750.7	690.3	711.6			52.5
Entertainment and recreational 305.6 342.0 328.1 138.2 16.2 3.4 17 Miscellaneous 300.7 251.1 208.3 173.3 174 13.1 20 Total non-residential building 2,463.3 2,668.8 2,429.7 2,544.9 160.7 193.6 166 Total 3,315.1 3,336.6 3,668.9 3,052.8 211.7 246.2 248 TOTAL  New houses 9,388.5 10,605.7 9,653.9 10,566.5 1,081.6 911.4 1,166 New other residential buildings 2,617.4 3,515.6 3,220.9 3,560.1 381.6 281.3 418 Total new residential building 12,005.9 14,121.4 12,874.8 14,126.6 1,463.1 1,192.7 1,585 Alterations and additions to residential buildings 1,973.9 2,088.6 1,905.7 2,094.6 203.3 178.8 250 Hotels, etc. 406.3 234.0 213.8 443.8 11.3 24.6 17 Shops 885.2 1,145.1 995.3 1,255.3 155.4 92.5 93 Factories 704.9 734.5 682.7 644.0 86.1 130.8 66 Offices 1,745.7 1,487.3 1,353.4 1,245.8 69.2 113.5 117 Offices 1,745.7 1,487.3 1,353.4 1,245.8 69.2 113.5 117 Offices 930.3 1,745.7 1,487.3 1,353.4 1,245.8 69.2 113.5 117 Offices 74.7 826.9 754.6 1,069.8 74.0 60.4 75 Educational 930.3 1,028.1 950.1 1,011.5 84.1 84.2 79 Religious 74.4 88.0 79.3 69.1 2.4 4.8 44 Health 497.5 853.8 786.8 920.1 25.2 84.4 53 Entertailment and recreational 676.6 783.9 728.8 460.5 30.2 19.7 62 Miscellaneous 508.0 494.9 430.4 473.1 58.8 27.1 42.5 642.0 612 Total non-residential building 7,208.7 7,676.5 6,975.2 7,591.0 596.7 642.0 612		· <del>-</del>						_
Entertainment and recreational   305.6   342.0   328.1   138.2   16.2   3.4   17	Health	248.2	535.1	503.5	465.6	2.4	44.2	24.2
Miscellaneous   300.7   251.1   208.3   173.3   17.4   13.1   208.1   208.1   208.2   249.7   2544.9   160.7   193.6   160.7   193.6   160.7   160.7   193.6   160.7   160.7   160.7   193.6   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7   160.7	Entertainment and recreational							17.2
Total non-residential building 2,463.3 2,608.8 2,429.7 2,544.9 160.7 193.6 166  Total 3,315.1 3,336.6 3,068.9 3,052.8 211.7 246.2 248  TOTAL  New houses 9,388.5 10,605.7 9,653.9 10,566.5 1,081.6 911.4 .,166 New other residential buildings 2,617.4 3,515.6 3,220.9 3,560.1 381.6 281.3 418 Total new residential building 12,005.9 14,121.4 12,874.8 14,126.6 1,463.1 1,192.7 1,585  Alterations and additions to residential buildings 1,973.9 2,088.6 1,905.7 2,094.6 203.3 178.8 250  Hotels, etc. 406.3 234.0 213.8 443.8 11.3 24.6 17 Shops 885.2 1,145.1 995.3 1,253.3 155.4 92.5 93 Factories 704.9 734.5 682.7 644.0 86.1 130.8 66  Offices 1,745.7 1,487.3 1,353.4 1,245.8 69.2 113.5 117  Other business premises 774.7 826.9 754.6 1,069.8 74.0 60,4 75  Educational 930.3 1,028.1 950.1 1,011.5 84.1 84.2 79  Religious 79.4 88.0 79.3 69.1 24.4 48.4 48.4 48.4 48.4 48.4 48.4 48.4								20.4
New houses   9,388.5   10,605.7   9,653.9   10,566.5   1,081.6   911.4   1,166								166.0
New houses 9,388.5 10,605.7 9,653.9 10,566.5 1,081.6 911.4 .,166 New other residential buildings 2,617.4 3,515.6 3,220.9 3,560.1 381.6 281.3 418 Total new residential building 12,005.9 14,121.4 12,874.8 14,126.6 1,463.1 1,192.7 1,585 Alterations and additions to residential buildings 1,973.9 2,088.6 1,905.7 2,094.6 203.3 178.8 250 Hotels, etc. 406.3 234.0 213.8 443.8 11.3 24.6 17 Shops 885.2 1,145.1 995.3 1,253.3 155.4 92.5 93 Factories 704.9 734.5 682.7 644.0 86.1 130.8 66 Offices 1,745.7 1,487.3 1,353.4 1,245.8 69.2 113.5 117 Offices 744.7 826.9 754.6 1,069.8 74.0 60.4 75 Educational 930.3 1,028.1 950.1 1,011.5 84.1 84.2 79 Religious 79.4 88.0 79.3 69.1 2.4 4.8 4 Health 497.5 853.8 786.8 920.1 25.2 84.4 53 Entertainment and recreational 676.6 783.9 728.8 460.5 30.2 19.7 62 Miscellaneous 508.0 494.9 430.4 473.1 58.8 27.1 42 Total non-residential building 7,208.7 7,676.5 6,975.2 7,591.0 596.7 642.0 612	Total	3,315.1	3,336.6	3,068.9	3,052.8	211.7	246.2	248.1
New other residential buildings         2,617.4         3,515.6         3,220.9         3,560.1         381.6         281.3         418           Total new residential building         12,005.9         14,121.4         12,874.8         14,126.6         1,463.1         1,192.7         1,585           Alterations and additions to residential buildings         1,973.9         2,088.6         1,905.7         2,094.6         203.3         178.8         250           Hotels, etc.         406.3         234.0         213.8         443.8         11.3         24.6         17           Shops         885.2         1,145.1         995.3         1,253.3         155.4         92.5         93           Factories         704.9         734.5         682.7         644.0         86.1         130.8         66           Offices         1,745.7         1,487.3         1,353.4         1,245.8         69.2         113.5         117           Other business premises         774.7         826.9         754.6         1,069.8         74.0         60.4         75           Educational         930.3         1,028.1         950.1         1,011.5         84.1         84.2         79           Religious         79.4		· · · · · · · · · · · · · · · · · · ·		<u> </u>	<u> </u>			
New other residential buildings         2,617.4         3,515.6         3,220.9         3,560.1         381.6         281.3         418           Total new residential building         12,005.9         14,121.4         12,874.8         14,126.6         1,463.1         1,192.7         1,585           Alterations and additions to residential buildings         1,973.9         2,088.6         1,905.7         2,094.6         203.3         178.8         250           Hotels, etc.         406.3         234.0         213.8         443.8         11.3         24.6         17           Shops         885.2         1,145.1         995.3         1,253.3         155.4         92.5         93           Factories         704.9         734.5         682.7         644.0         86.1         130.8         66           Offices         1,745.7         1,487.3         1,353.4         1,245.8         69.2         113.5         117           Other business premises         774.7         826.9         754.6         1,069.8         74.0         60.4         75           Educational         930.3         1,028.1         950.1         1,011.5         84.1         84.2         79           Religious         79.4	Now however	6 200 5	10 605 7	0.653.0	10.646.5	1 001 6	011.4	1.77.11
Total new residential building         12,005.9         14,121.4         12,874.8         14,126.6         1,463.1         1,192.7         1,585           Alterations and additions to residential buildings         1,973.9         2,088.6         1,905.7         2,094.6         203.3         178.8         250           Hotels, etc.         406.3         234.0         213.8         443.8         11.3         24.6         17           Shops         885.2         1,145.1         995.3         1,253.3         155.4         92.5         93           Factories         704.9         734.5         682.7         644.0         86.1         130.8         66           Offices         1,745.7         1,487.3         1,353.4         1,245.8         69.2         113.5         117           Other business premises         774.7         826.9         754.6         1,069.8         74.0         60.4         75           Educational         930.3         1,028.1         950.1         1,011.5         84.1         84.2         79           Religious         79.4         88.0         79.3         69.1         2.4         4.8         4           Health         497.5         853.8         786.8								
Alterations and additions to residential buildings 1,973.9 2,088.6 1,905.7 2,094.6 203.3 178.8 250  Hotels, etc. 406.3 234.0 213.8 443.8 11.3 24.6 17  Shops 885.2 1,145.1 995.3 1,253.3 155.4 92.5 93  Factories 704.9 734.5 682.7 644.0 86.1 130.8 66  Offices 1,745.7 1,487.3 1,353.4 1,245.8 69.2 113.5 117  Other business premises 774.7 826.9 754.6 1,069.8 74.0 60.4 75  Educational 930.3 1,028.1 950.1 1,011.5 84.1 84.2 79  Religious 79.4 88.0 79.3 69.1 2.4 4.8 4  Health 497.5 853.8 786.8 920.1 25.2 84.4 53  Entertairment and recreational 676.6 783.9 728.8 460.5 30.2 19.7 62  Miscellaneous 508.0 494.9 430.4 473.1 58.8 27.1 42  Total non-residential building 7,208.7 7,676.5 6,975.2 7,591.0 596.7 642.0 612	<del>-</del>							418.2
Tested   T	total new restaential buttaing	12,003.9	14,121.4	12,0/4.0	14,120.0	1,403.1	1,192.7	1,585.0
Hotels, etc. 406.3 234.0 213.8 443.8 11.3 24.6 17 Shops 885.2 1,145.1 995.3 1,253.3 155.4 92.5 93 Factories 704.9 734.5 682.7 644.0 86.1 130.8 66 Offices 1,745.7 1,487.3 1,353.4 1,245.8 69.2 113.5 117 Other business premises 774.7 826.9 754.6 1,069.8 74.0 60.4 75 Educational 930.3 1,028.1 950.1 1,011.5 84.1 84.2 79 Religious 79.4 88.0 79.3 69.1 2.4 4.8 4 Health 497.5 853.8 786.8 920.1 25.2 84.4 53 Entertainment and recreational 676.6 783.9 728.8 460.5 30.2 19.7 62 Miscellaneous 508.0 494.9 430.4 473.1 58.8 27.1 42 Total non-residential building 7,208.7 7,676.5 6,975.2 7,591.0 596.7 642.0 612		1.973.9	2.088.6	1.905.7	2.094.6	203.3	1788	250,3
Shops         885.2         1,145.1         995.3         1,253.3         155.4         92.5         93           Factories         704.9         734.5         682.7         644.0         86.1         130.8         66           Offices         1,745.7         1,487.3         1,353.4         1,245.8         69.2         113.5         117           Other business premises         774.7         826.9         754.6         1,069.8         74.0         60.4         75           Educational         930.3         1,028.1         950.1         1,011.5         84.1         84.2         79           Religious         79.4         88.0         79.3         69.1         2.4         4.8         4           Health         497.5         853.8         786.8         920.1         25.2         84.4         53           Entertainment and recreational         676.6         783.9         728.8         460.5         30.2         19.7         62           Miscellaneous         508.0         494.9         430.4         473.1         58.8         27.1         42           Total non-residential building         7,208.7         7,676.5         6,975.2         7,591.0         596.7	-							
Factories         704.9         734.5         682.7         644.0         86.1         130.8         66           Offices         1,745.7         1,487.3         1,353.4         1,245.8         69.2         113.5         117           Other business premises         774.7         826.9         754.6         1,069.8         74.0         60.4         75           Educational         930.3         1,028.1         950.1         1,011.5         84.1         84.2         79           Religious         79.4         88.0         79.3         69.1         2.4         4.8         4           Health         497.5         853.8         786.8         920.1         25.2         84.4         53           Entertainment and recreational         676.6         783.9         728.8         460.5         30.2         19.7         62           Miscellaneous         508.0         494.9         430.4         473.1         58.8         27.1         42           Total non-residential building         7,208.7         7,676.5         6,975.2         7,591.0         596.7         642.0         612								17.1
Offices       1,745.7       1,487.3       1,353.4       1,245.8       69.2       113.5       117         Other business premises       774.7       826.9       754.6       1,069.8       74.0       60.4       75         Educational       930.3       1,028.1       950.1       1,011.5       84.1       84.2       79         Religious       79.4       88.0       79.3       69.1       2.4       4.8       4         Health       497.5       853.8       786.8       920.1       25.2       84.4       53         Entertainment and recreational       676.6       783.9       728.8       460.5       30.2       19.7       62         Miscellaneous       508.0       494.9       430.4       473.1       58.8       27.1       42         Total non-residential building       7,208.7       7,676.5       6,975.2       7,591.0       596.7       642.0       612	-							93.3
Other business premises     774.7     826.9     754.6     1,069.8     74.0     60.4     75       Educational     930.3     1,028.1     950.1     1,011.5     84.1     84.2     79       Religious     79.4     88.0     79.3     69.1     2.4     4.8     4       Health     497.5     853.8     786.8     920.1     25.2     84.4     53       Entertainment and recreational     676.6     783.9     728.8     460.5     30.2     19.7     62       Miscellaneous     508.0     494.9     430.4     473.1     58.8     27.1     42       Total non-residential building     7,208.7     7,676.5     6,975.2     7,591.0     596.7     642.0     612								66.9
Educational     930.3     1,028.1     950.1     1,011.5     84.1     84.2     79       Religious     79.4     88.0     79.3     69.1     2.4     4.8     4       Health     497.5     853.8     786.8     920.1     25.2     84.4     53       Entertainment and recreational     676.6     783.9     728.8     460.5     30.2     19.7     62       Miscellaneous     508.0     494.9     430.4     473.1     58.8     27.1     42       Total non-residential building     7,208.7     7,676.5     6,975.2     7,591.0     596.7     642.0     612								117.6
Religious     79.4     88.0     79.3     69.1     2.4     4.8     4       Health     497.5     853.8     786.8     920.1     25.2     84.4     53       Entertainment and recreational     676.6     783.9     728.8     460.5     30.2     19.7     62       Miscellaneous     508.0     494.9     430.4     473.1     58.8     27.1     42       Total non-residential building     7,208.7     7,676.5     6,975.2     7,591.0     596.7     642.0     612								75.5
Health     497.5     853.8     786.8     920.1     25.2     84.4     53       Entertainment and recreational     676.6     783.9     728.8     460.5     30.2     19.7     62       Miscellaneous     508.0     494.9     430.4     473.1     58.8     27.1     42       Total non-residential building     7,208.7     7,676.5     6,975.2     7,591.0     596.7     642.0     612								79.3
Entertainment and recreational         676.6         783.9         728.8         460.5         30.2         19.7         62           Miscellaneous         508.0         494.9         430.4         473.1         58.8         27.1         42           Total non-residential building         7,208.7         7,676.5         6,975.2         7,591.0         596.7         642.0         612	<del>-</del>							4.3
Miscellaneous         508.0         494.9         430.4         473.1         58.8         27.1         42           Total non-residential building         7,208.7         7,676.5         6,975.2         7,591.0         596.7         642.0         612								53.1
Total non-residential building 7,208.7 7,676.5 6,975.2 7,591.0 596.7 642.0 612								62.2
								42.9
Total 21,188.5 23,886.4 21,755.7 23,812.2 2,263.1 2,013.4 2,447	inat mm-restaemat outtang	7,206.7	7,070.3	בנועט	ט. ועכ, /	.,a <del>y</del> c.	042.0	612.2
	Total	21,188.5	23,886.4	21,755.7	23,812.2	2,263.1	2,013.4	2,447.5

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

	\$50,000 to than \$200,		\$200,000 to than \$500,		\$500,000 to than \$1 n		\$1m to le than \$5r		35m and over	1	Total	
Period	No.	Value (\$m)	No.	Value (Sm)	No.	Value (Sm)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m
					HOTELS,	ETC.			_			
1994 March	20	1.7	7	1.7	2	1.7	3	6.1	-		32	11.3
April	16	1.4	15	5.1	3	2.5	4	8.1	1	7.5	39	24.6
May	22	1.9	14	4.5	2	1.2	1	1.1	i	8.5	40	17.1
					SHOP	S						
1994 March	187	16.1	46	13.7	16	10.1	19	34,0	4	81.5	272	155.4
April	176	15.9	45	13.6	21	14.6	7	14.9	3	33.5	252	92.5
May	197	18.4	66	19.3	16	10.9	17	44.7	ı	5.0	296	93.3
					FACTOR	IES						
1994 March	94	9.6	51	14.9	19	12.4	7	13.4	1	35.8	172	86.
April	84	9.2	33	9.4	16	11.7	14	26.0	2	74.5	149	130.8
May	111	11.4	57	17.6	15	9.6	17	28.3			200	66.9
					OFFICE	ES						
1994 March	143	14.1	52	16.0	18	11.6	12	22.0	1	5.5	226	69.2
Aprıl	136	12.7	44	12.7	17	8.2	11	17.6	2	62.4	204	113.5
May	176	15.8	48	15.5	24	15.9	22	45.2	2	25.2	272	117.6
					IER BUSINES							
1994 March	106	9.8	50	14.8	21	14.3	14	29.8	1	5.4	192	74.0
April	108	10.7	35	10.2	11	7.3	14	27.1	1	5.1	169	60.4
May	117	12.6	54	15.8	23	15.7	15	31.4	_		209	75.5
					EDUCATIO			. <u></u> .				
1994 March	37	3.9	29	8.6	16	11.4	18	36.2	1	24.0	I 01	84.1
Aprii Man	32 32	4.3	24	7.3	7	5.3	10	24.1	5	43.2	78	84.2
May		3.3	28	9.1	13	8.9	15	31.8	4	26.1	92	79.3
1004 14.		2.6			RELIGIO			<del></del>				
1994 March	6 11	0.6	5	1.3	1	0.5	_	_	_	-	12	2.4
April May	6	1.4 0.7	4 7	1.1 2.1	1 <b>3</b>	0.9 1.5	1	1.5	_	<del></del>	17 16	4.8 4.3
					HEALT	H						
1994 March	31	3.4	19	5.8	13	8.7	5	7.3	<del></del>	-	68	25.2
April	39	4.0	13	4.2	5	3.5	10	20.1	4	52.6	71	84.4
May	23	2.4	25	7.4	5	3.5	10	21.0	3	18.8	66	53.1
				ENTERTA	INMENT AND	RECREA	TIONAL					
1994 March	33	2.9	21	5.6	3	1.8	7	14.2	1	5.7	65	30.2
April	23	2.5	12	3.2	6	3.9	3	5.2	1	5.0	45	19.7
May	57	6.0	14	4.6	8	5.3	13	27.5	2	18.9	94	62.2
					MISCELLAN							
1994 March	72	6.7	15	5.1	9	6.0	13	25.5	2	15.5	111	58.8
April May	52 <b>69</b>	5.1 <b>6.6</b>	25 20	8.2 5.5	10 8	6.2 5.7	5 10	7.6 19.6	_ 1	 5.5	92 108	27.1 42.9
					ON-RESIDEN							
1994 March	729	68.8	295	87.5	118	78.5	98	188.5	11	173.4	1,251	596.7
April	677	67.1	250	75.0	91	64.0	79	152.1	19	283.8	1,116	642.0
May	810	79.0	333	101.5	117	78.1	120	250.6	13	103.0	1,393	612.2

TABLE 11. SUMMARY OF BUILDING APPROVED

Period	NSW	Vic.	Qid	SA	WA	Tas.	NT	ACT	Australia
			NUMBER	OF DWELLIA	G UNITS				
1992-93	48,497	29,571	47,785	12,312	22,479	4,094	1,480	4,339	170,557
<i>[993</i> —-									
May	4,082	2,480	4,469	1,059	1,971	306	125	374	14,866
1994									
February	3,535	2,716	3,953	851	2,100	344	144	241	13,884
March	4,316	2,905	5,017	1,031	2,422	330	133	358	16,512
April	3,808	2,422	4,021	847	2,094	279	141	244	13,856
May	5,433	3,029	5,591	1,103	2,664	348	114	359	18,641
		٧	ALUE OF NEW	RESIDENTIAI	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
1993									
May	363 9	214.1	350.9	75.1	138.6	21.7	10.5	34.2	1,208.9
19 <del>94</del>									
February	323.8	237.6	334.7	60.4	162.6	23.8	13.9	24.6	1,181.3
March	404,4	257.8	474.7	71.5	186.3	25.5	10.4	32.7	1,463.1
April	359.4	223.3	323.4	61.9	160.8	20.4	17.5	26.0	1,192.7
May	490.4	280.3	466.8	80.0	200.4	24.6	11.4	31.1	1,585.0
	V/	ALUE OF ALTE	RATIONS 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
1993—									
Мау	86.5	46.0	18.8	11.1	11.6	2,2	1.6	5.6	183.3
<i>1994</i> —									
February	83.1	4 <b>4</b> .1	16.6	7.9	13.0	2.7	1.6	4.7	173.7
March	91.1	53.7	20.8	10.4	14.8	4.1	1.9	6.5	203.3
April	83.9	42.1	16.6	10.6	13.5	3.7	1.9	6.4	178.8
May	98.1	96.7	19-9	10.7	13.4	4.3	1.3	5.8	250.3
		V	ALUE OF NON-	RESIDENTIAL	BUILDING (Sm	)			
1992-93	3,178.2	1,40 <b>6</b> .3	1,383.9	418.4	889.6	103.1	81.1	216.0	7,676.5
1993									
May	195.1	107.8	319.8	36.1	48.0	3,4	9.2	5.6	725.0
1994									
February	199.7	363.4	105.1	40.0	42.7	6.2	4.4	19.6	781.0
March	169.3	165.3	136.5	29.6	49.7	6.7	25.9	13.6	596.7
April	257.0	178.9	63.5	36.1	46,6	10.8	34.5	14.6	642.0
May	183.5	151.1	145.9	26.7	58.7	13.3	9,4	23.5	612.2
			VALUE OF	TOTAL BUIL	DING (\$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
1993—									
May	645.5	367.8	689.5	122.3	198.3	27.3	21.2	45.4	2,117.3
1994—	COC E	ZAS 1	456.2	100 0	210 4	20.7	10.0	10.0	91960
February March	606.5	645.1 474.9	456.3	108.2	218.4	32.7	19.9	49.0 53.0	2,136.0
March April	664.7 700.3	476.8 444.4	632.0 403.4	111.5 108.6	250.7 220.9	36.3 35.0	38.2 53.8	52.9 47.0	2,263.1
May	772.1	528.1	632.7						2,013.4
1710)	112.1	326.1	0.32(	117.4	272.4	42.2	22.1	60.5	2,447.5

#### EXPLANATORY NOTES

#### Scope and coverage

This publication contains monthly details 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 June 1994 issue of this publication is 29 July 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.

IAN CASTLES Australian Statistician



The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the ABS Catalogue of Publications and Products available at all ABS Offices (see below for contact details).

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