

CATALOGUE NUMBER 8731.2 3 OCTOBER 1994

BUILDING APPROVALS, VICTORIA, AUGUST 1994

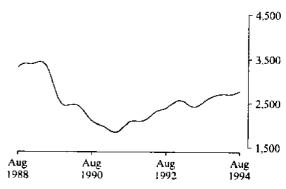
PLEASE NOTE - Two major changes have taken place in the collection and presentation of Building Approval statistics commencing with the reference month of July 1994.

- (1) Inclusion in building approval statistics of approvals issued by Registered Private Surveyors following implementation by the Victorian Government of the Building Act 1993 on 1 July 1994 refer to paragraph 1 of the explanatory notes.
- (2) Presentation in Tables 8, 9, 12 and 13 in this publication, of Statistical Local Area and Statistical Sub-division information, which reflects boundary changes implemented by the State Government as part of its ongoing review of local government boundaries. Refer to paragraphs 26 and 27 in the explanatory notes, and the list of boundary changes enclosed with the July 1994 issue of this publication. Copies of this list are available from ABS Victoria on request.

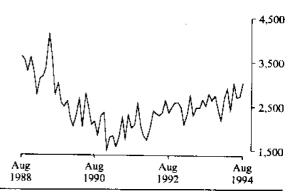
MAIN FEATURES

NUMBER OF NEW DWELLING UNITS APPROVED TREND ESTIMATES

- Trend estimates of the number of dwelling units approved in August 1994 (2,769) shows a slight increase from the figure recorded for July 1994 (2,742) and a 10 per cent increase when compared with the figure for August 1993 (2,519). The trend estimate has increased slightly over the last four months to August 1994.
- In original terms the number of dwelling units approved in August 1994 (3,041) was 11 per cent higher than in July 1994 (2,732) and 21 per cent higher than in August 1993 (2,510).
- The value of non-residential buildings approved, at current prices, for the two months ending August 1994 was \$192m, a decrease of 51 per cent in contrast to the corresponding figure for August 1993 (\$391m).



NUMBER OF NEW DWELLING UNITS APPROVED ORIGINAL



INQUIRIES

For further information about statistics in this publication and the availability of related unpublished statistics, contact Neville Holbery or Leon Kinnersly on Melbourne (03) 615 7000; or any ABS State office.

For information about other ABS statistics and services contact Information Services on Melbourne (03) 615 7000; or any ABS State office.

RELIABILITY OF CONTEMPORARY TREND ESTIMATES

The tables below present trend estimates of selected building approvals series for the six months March to August 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 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 16 and 17 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 show the revisions to the trend estimates that would result if the movements in the seasonally adjusted estimates for next month (September 1994) 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 5 per cent in September 1994, the trend estimate for that month would be 2,530, a movement of 2.2 per cent. The monthly movements in the trend estimates for June, July and August 1994 which are currently estimated to be 0.5 per cent, 0.7 and 0.9 per cent respectively, would be revised to 0.9 per cent, 1.7 per cent and 1.9 per cent. On the other hand, a 5 per cent seasonally adjusted decline in the number of private houses approved in September 1994 would produce a trend estimate for September 1994 of 2,429, a movement of 0.8 per cent, with the movements in the trend estimates for June, July and August 1994 being revised to 0.3, 0.6 per cent and 0.7 per cent, respectively.

NUMBER OF NEW PRIVATE SECTOR HOUSES APPROVED RELIABILITY OF TREND ESTIMATES

				Revised trend estimate if September 1994 seasonally adjusted estimate					
	Trend	estimate	is up 5% or	n August 1994		on August 1994			
	No.	% change on previous month	No.	% change on previous month	No.	% change on previous month			
1993-94									
March	2,367	0.3	2,364	0.2	2,369	0.4			
April	2,366	0.0	2,362	-0.1	2,370	0.0			
May	2,369	0.1	2,367	0.2	2,371	0.1			
June	2,381	0.5	2,389	0.9	2,378	0.3			
July	2,400	0.7	2,429	1.7	2,393	0.6			
August	2,422	0.9	2,476	1.9	2,410	0.7			
September	n.y.a.	n.y.a.	2,530	2.2	2,429	0.8			

TOTAL NUMBER OF NEW HOUSES APPROVED RELIABILITY OF TREND ESTIMATES

			Revised trend estimate if September 1994 seasonally adjusted estimate						
	Trend	estimate	is up 5% or	1 August 1994	is down 5%	on August 1994			
	No.	% change on previous month	No.	% change on previous month	No.	% change on previous month			
1993-94									
March	2,377	0.8	2,372	0.6	2,378	0.8			
April	2,402	1.0	2,395	1.0	2,405	i.1			
May	2,433	1.2	2,429	1.4	2,434	1.2			
June	2,468	1.4	2,476	1.9	2,464	1.2			
July	2,505	1.5	2,533	2.2	2,491	1.1			
August	2,535	1.2	2,591	2.3	2,513	1.0			
September	n.y.a.	п.у.а.	2,652	2.3	2,534	1.0			

TOTAL NUMBER OF NEW DWELLING UNITS APPROVED RELIABILITY OF TREND ESTIMATES

Revised trend estimate if September 1994 seasonally adjusted estimate

				seusonuny aaja:	HER CHIMBIE		
	Trend	estimate	is up 6% o	1 August 1994	is down 6% on August 1994		
	No.	% change on previous month	<i>No</i> .	% change on previous month	No.	% change on previous month	
1993-94							
March	2,705	-0.1	2,700	-0.2	2,706	0.0	
April	2,702	-0.1	2,693	-0.2	2,705	0.0	
May	2,704	0.1	2,700	0.2	2,706	0.0	
June	2,719	0.5	2,731	1.1	2,715	0.3	
July	2,742	0.8	2,785	2.0	2,734	0.7	
August	2,769	1.0	2,849	2.2	2,752	0.7	
September	n.y.a.	n.y.a.	2,921	2.5	2,776	0.9	

VALUE OF NEW RESIDENTIAL BUILDING APPROVED RELIABILITY OF TREND ESTIMATES

Revised trend estimate if September 1994 seasonally adjusted estimate

				acqueunit mitte	nea commune	is down 5% on August 1994 % change on \$m previous month					
	Trend	estimate	is up 5% or	1 August 1994	is down 5% on August 1994						
	3m	% change on previous month	Sm	% change on previous month	5m	•					
1993-94											
March	247.2	1.4	246.9	1.4	247.4	1.6					
April	249.1	1.0	249.0	1.0	249.5	1.0					
May	249.4	0.1	249.2	0.2	249.7	0.0					
June	249.8	0.1	250.5	0.5	249.3	-0.1					
July	250.2	0.1	252.9	1.0	249.0	-0 .l					
August	251.1	0.3	255.9	i .1	248.6	-0.1					
September	n.y.a.	n.y.a.	259.3	1.3	248.2	-0.1					

VALUE OF ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDING APPROVED RELIABILITY OF TREND ESTIMATES

				Revised trend estimate seasonally adju		
	Trend	estimate	is up 7% o.	n August 1994	is down 7%	on August 1994
	Sm	% change on previous month	Sm	% change on previous month	\$ <i>m</i>	% change on previous month
1993-94						
March	48.1	-2.4	47.3	-3.4	47.5	-3.0
April	48.1	-0.2	47.1	-1.0	47.2	-1.0
May	49.2	3.1	49.1	4.0	49.0	4.0
June	52.1	6.0	53.1	9.0	52.5	7.3
July	56.1	7.0	59.1	11.0	57.2	9.0
August	59.4	7.0	65.0	11.0	62.2	9.0
September	n.y.a.	n.y.a.	71.1	9.4	67.1	8.0

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

		Houses		Other res	sidential building:	5		Total	
Period	Private sector	Public sector	Total	Private sector	Public sector	Total	Private sector	Public sector	Tota
			MELBOUR	NE STATISTIC	CAL DIVISION	1			
1 99 1-92	14,424	491	14,915	1,477	710	2,187	15.901	1,201	17,100
1992-93	17,104	723	17,827	1,845	163	2,008	18,949	886	19,835
1993-94	17.878	585	18,463	2,920	414	3,334	20,798	999	21.797
1993-94									
July-August	2,914	71	2,985	496	65	561	3,410	136	3,546
1994-95									
July-August	3,549	31	3,580	427	10	437	3,976	41	4,017
1993—									
lune	1,481	55	1,536	127		127	1,608	55	1,661
July	1,441	24	1,465	328	53	381	1,769	77	1,846
August	1,473	47	1,520	168	12	180	1,641	59	1,700
September	1.469	131	1,600	316		316	1.785	131	1,916
October	1,477	.58	1.535	251		251	1,728	58	1,786
November	1,512	84	1,596	243		243	1.755	84	1.839
December	1,384	52	1,436	264		264	1,648	52	1,700
1994							4 10-	4.07	
January	1,225	13	1,238	256	94	350	1,481	107	1,588
February	1,581	36	1,617	169	51	220	1,750	87	1,837
March	1,641	i 8	1,659	153	125	278	1.794	143	1,937
April	1,339	52	1,391	311	11	322	1,650	63 47	1.713
May ·	1,756	22	1,778	312	25	337	2.068		2,11:
June	1,580	48	1,628	149	43	192	1.729	91 20	1.820 1.920
July August	1,706 1,843	20 11	1,726 1,854	199 228	10	199 238	1.905 2,071	20 21	2.092
				VICTORIA	<u>-</u> <u>-</u>				
	 		•	TICTORIA					
1991-92	22,358	707	23,065	1,932	1,016	2,948	24,290	1,723	26,013
1992-93	25.969	1,189	27,158	2,186	227	2,413	28,155	1,416	29,57
1993-94	27,227	830	28,057	3,109	584	3,693	30,336	1,414	31,750
1993-94									
July-August	4,460	101	4,561	543	65	608	5,003	166	5,169
1994-95 July-August	5,181	85	5,266	462	45	507	5,643	130	5.77
July-August	2,101	11.7	.7,200	402	7.	-50.7	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.50	• •
1993	2 220	00	2 21 8	1.47		147	2 277	88	2,465
June	2.230	88	2,318	147	£7	147 404	2,377 2,561	98	2,659
July	2,210	45 56	2,255 2,306	351 192	53 12	204	2,442	68	2,510
August	2,250		2,454	344	12	344	2,627	171	2,798
September	2,283	171 91	2,434	273	6	279	2,545	97	2,642
October November	2,272 2,354	137	2,363	254	U	254	2,608	137	2,745
December	2,102	68	2,170	266		266	2.368	68	2,430
1004									
/994 January	1.785	17	1,802	266	115	381	2,051	132	2,183
January February	2.340	48	2,388	186	142	328	2,526	190	2,710
March	2,558	46 36	2,594	167	144	311	2,725	180	2.90:
April	2.021	70	2,091	317	14	331	2,338	84	2,42
May	2,610	39	2,649	331	49	380	2,941	88	3,029
June	2,442	52	2,494	162	49	211	2,604	101	2,70:
July	2.465	48	2,513	219	.,	219	2,684	48	2,73
August	2,716	37	2,753	243	45	288	2.959	82	3.04

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 205 such dwelling units approved in August 1994.

TABLE 2. VALUE OF BUILDING APPROVED
(S million)

						(S million)							
				New res	idential bi	uilding		<u> </u>		Alterations	N /			
		Houses		Other re:	sidential b	vildings		Total		and additions	Non-res build		Total bi	uilding
Period	Private sector	Public sector	Total	Private sector	Public sector	Total	Private sector	Public sector	Total	to residential buildings	Private sector	Total	Private sector	Total
	·-		<u> </u>		MELBO	URNE S	TATISTI	CAL DIV	VISION		,			
1991-92 1992-93	1.280.1	28.8	1,309.0	101.6	47.4	149.0	1,381.7	76.3	1,458.0	413.3	978.6	1,242.4	2,773.2	3,113.7
1993-94	1,538.4 1,683.9	42.4 40.5	1,580.8 1,724.4	125.3 241.8	10.5 31.1	135.9 272.9	1,663.7 1,925.7	52.9 71.6	1,716.7 1,997.3	429.7 509.2	858.2 1,619.8	1,138.2 2,138.6	2,951.4 4,046.0	3,284.6 4,645.1
1993-94														
July-August	273.7	5.1	278.8	34.2	4.6	38.8	307.9	9.8	317.6	73.5	190.8	340.4	572.2	731.5
1994-95														
July-August	342.8	2.1	344.9	34.7	0.4	35.1	377.5	2.5	380.0	102.7	112.7	151.5	592.8	634.2
1993—														
June	133.9	2.9	136.8	8.9		8.9	142.8	2.9	145.7	39.3	71.8	150.9	253.9	335.9
July	133.5	1.4	134.9	23.6	3.8	27.4	157.0	5.3	162.3	37.5	40.2	78.3	234.7	278.0
August	140.2	3.7	143.9	10.6	0.8	11.4	150.8	4.5	155.3	36.0	150.6	262.1	337.4	453.4
September October	137.5 134.8	7.9 3.4	145.4	25.4	_	25.4	162.8	7.9	170.7	37.1	83.3	104.1	283.1	311.9
November	139.3	5.6	138.1 144.9	21.2 17.8	_	21.2 17.8	155.9 157.2	3.4	159.3	43.6 45.9	127.0	141.0	326.5	343.9
December	130.1	3.0	133.0	20.3	_	20.3	150.3	5.6 3.0	162.8 153.3	45.4 45.4	63.3 89.2	136.5 105.9	266.4 284.9	345.1 304.6
1994														
January	112.3	0.8	113.2	31.4	8.3	39.7	143.7	9.1	152.8	29.0	34.7	48.4	207.3	230.2
February	147.3	3.1	150.3	15.1	3.2	18.3	162.4	6.3	168.7	34.9	190.0	332.3	387.2	535.8
March	154.9	1.5	156.4	11.6	10.1	21.8	166.6	11.6	178.2	41.2	90.2	112.7	298.0	332.1
April	126.1	4.0	130.2	30.9	0.9	31.8	157.0	5.0	162.0	33.3	102.0	130.0	291.9	325.3
May	175.8	1.6	177.4	23.1	1.5	24.6	198.8	3.2	202.0	85.9	92.7	111.9	369.4	399.8
June	152.1	4.5	156.6	10.9	2.4	13.3	163.0	6.8	169.9	39.4	556.7	575.5	759.2	784.8
July	161.2	1.3	162.6	19.3	_	19.3	180.6	1.3	181.9	36.4	45.7	59.8	262.6	278.1
August	181.6	0.7	182.3	15.4	0.4	15.8	196.9	1.2	198.1	66.3	67.0	91.7	330.2	356.0
						v	ICTORIA							
1991-92	1,933.9	42.0	1,975.9	129.3	65 .7	195.0	2,063.2	107.8	2,170.9	514.1	1,114.9	1,473.7	3,691.5	4,158.8
1992-93	2,262.5	71.4	2,333.8	145.7	14.6	160.3	2,408.2	86.0	2,494.1	533.0	1,066.2	1,406.3	4,006.9	4,433.4
1993-94	2,465.2	58.8	2.524.0	252.8	40.9	293.7	2,718.0	99.7	2,817.7	623.5	1,853.6	2,502.7	5,186.0	5,943.9
1993-94														
July-August 1994-95	399.8	8.8	408.6	36.7	4.6	41.4	436.5	13.4	450.0	91.4	233.8	391.2	761.6	932.6
July-August	479.7	5.2	484.9	36.8	2.4	39.3	516.5	7.6	524.1	121.7	144.4	192.1	782.6	837.9
1993—														
June	196.8	4.6	201.4	9.9	_	9.9	206.6	4.6	211.3	47.8	91.5	178.5	345.9	437.6
July	196.3	4.5	200.9	24.8	3.8	28.6	221.1	8.4	229.5	46.8	49.2	90.4	317.0	366.6
August	203.5	4.3	207.7	12.0	0.8	12.7	215.4	5.0	220.5	44.7	184.6	300.8	444.7	566.0
September	204.4	11.4	215.8	27.1	•••	27.1	231.6	11.4	242.9	46.7	105.2	127.7	383.2	417.3
October	198.7	5.8	204.4	22.2	0.7	22.9	220.9	6.4	227.3	53.5	136.4	155.8	410.8	436.6
November	208.0	8.3	216.3	18.5	_	18.5	226.5	8.3	234.8	55.7	96.8	174.8	379.0	465.3
December	189.5	4.0	193.5	20.4		20.4	209.9	4.0	213.9	53.6	99.4	120.4	363.0	388.0
1994 Ianuari	1.50.3				<u> </u>									
January	160.3 209.4	1.1 3.8	161.5	32.2	9.5	41.7	192.5	10.6	203.2	36.5	43.6	65.3	272.5	304.9
Rebouseur		3.8 2.6	213.2 234.3	16.3 12.2	8.1	24.4	225.7	11.9	237.6	44.1	209.5	363.4	479.3	645.1
	7717		234.5	12.2	11.3	23.5	243.9	13.9	257.8	53.7	104.2	165.3	401.9	476.8
March	231.7 185.6			31.7	1.1	777	714 2	66	י ייני				2744	
Mareh Артіl	185.6	5.4	191.0	31.2 24.3	1.1	32.3 27.1	216.8 274.6	6.5 5.7	223.3	42.1 96.7	121.5	178.9	379.9	444.4
February March April May June			191.0 253.2	24.3	2.8	27.1	274.6	5.7	280.3	96.7	118.8	151.1	482.1	528.1
March April May	185.6 250.3	5.4 2.9	191.0											

TABLE 3. NUMBER AND VALUE OF BUILDING APPROVED SEASONALLY ADJUSTED AND TREND ESTIMATES (a), VICTORIA

		Number of dwelling	units		New residential to residential building building			
	Houses		Total		M	Alterations		
Period	Private sector	Teral	Private sector	Total	residential	ana adamons to residential buildings		
		SEASONAL	LY ADJUSTED					
1993								
June	2.111	2,201	2,331	2,379	206.2	46.5		
July	2.107	2,199	2,375	2,548		46.6		
August	2,158	2.247	2,353	2,453		45.0		
September	2,150	2,357	2,536	2,675		44.5		
October	2.173	2,258	2,450	2,629		48.1		
November	2,272	2,359	2,493	2,580		49.9		
December	2,175	2,299	2,481	2,612		55.3		
1994—								
January	2,375	2,287	2,673	2,741	250.7	48.8		
February	2.488	2,436	2,678	2.844	248.5	47.2		
March	2,361	2,377	2,495	2,640	236.7	49.8		
April	2,321	2,396	2,581	2,681	253.5	46.2		
May	2,334	2,384	2,651	2,694	254.5	88.1		
June	2,328	2,465	2,603	2,661	247.7	49.5		
July	2,446	2,509	2.597	2,745	243.6	46.7		
August	2,490	2,602	2.740	2,875	255.8	75.4		
		TREND I	STIMATES					
1993—								
June	2,127	2,229	2,348	2,434	211.8	45.3		
July	2,124	2,237	2,370	2,472	214.0	45.6		
August	2.129	2,254	2,396	2,519	216.8	46.2		
September	2,151	2,274	2.436	2,567	220.7	47 .1		
October	2.191	2.298	2.481	2.613	224.9	48.4		
November	2,239	2,317	2.520	2,649	229.1	49.5		
December	2,291	2,332	2,553	2,678	233.6	50.1		
1994—								
January	2,333	2,344	2,578	2,699	238.7	50.1		
February	2.358	2,358	2,592	2,707	243.5	49.0		
March	2,367	2,377	2,598	2.705	247.2	47.8		
April	2,366	2,402	2,602	2,702	249.0	47.7		
May	2,369	2,433	2,608	2.7 0 4	249.4	49.2		
June	2,381	2,468	2.622	2.719	249.8	52.0		
July	2,400	2,505	2,640	2,742	250.2	55.6		
August .	2,422	2,535	2,663	2.7 6 9	251.1	59.4		

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

TABLE 4. VALUE OF BUILDING APPROVED AT AVERAGE 1989-90 PRICES (a), VICTORIA (\$ million)

		New residentia	al building	(G mantos	Alterations	Non-reside buildin		Total buil	ding
	Houses	7	O.L		and — additions		<u> </u>		
Period	Private sector	Total	Other residential buildings	Total	to residential buildings	Private sector	Total	Private sector	Total
1991-92	1,859.7	1.900.2	230.8	2,131.0	494.3	1,328.4	1,756.5	3,880.7	4,381.8
1992-93	2,208.9	2,278.6	200.2	2,478.7	520.4	1,344.8	1,775.1	4,307.5	4,774.3
1993-94	2,356.0	2,412.3	368.4	2.780.7	595.6	2,338.9	3.159.5	5,684.7	6,535.9
1993—									
Mar. qtr.	519.6	554.1	4 9 .7	603.9	116.6	328.5	437.8	1,022.9	1,158.3
June qtr.	549.1	564.4	51.2	615.6	133.6	298.2	464.1	1,045.4	1,213.3
Sept. qtr.	590.6	610.4	86.6	697.0	135.0	431.3	660.2	1,254.0	1,492.1
Dec. qtr.	564.0	581.1	77.7	658.8	154.1	421.I	570.9	1,236.9	1,383.8
1994									
Mar. qtr.	569.5	576.6	112.1	688.7	127.2	450.6	749.0	1,240.4	1,565.0
June qtr.	631.8	644.3	91.9	736.2	179.3	1,035.9	1,179.4	1,953.4	2,094.9

⁽a) See paragraphs 18-23 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.

VALUE OF BUILDING APPROVED AT AVERAGE 1989-90 PRICES VICTORIA

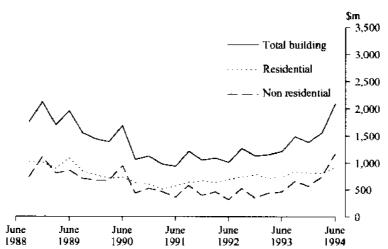


TABLE 5. VALUE OF BUILDING APPROVED, BY CLASS OF BUILDING AND OWNERSHIP, VICTORIA

			July-Augu	131		1994	
Class of building	1992-93	1993-94	1993-94	1994-95	June	July	August
		PRIVATE SI	ECTOR				
Nt t	2 2/2 5	2 465 2	300.0	470.7	227 /	227.2	252.5
New houses	2,262.5	2,465.2 252.8	399.8	479.7	227.6	227.2 20.3	252.5
New other residential buildings Total new residential building	145.7 2.408.2		36.7 436.5	36.8 516.5	11.6 239.1	20.3 247.5	16.5 269.0
10tai new residentiai puttaing	2,406.2	2,718.0	430.3	310.3	239.1	247.3	209.0
Alterations and additions to							
residential buildings	532.5	614.4	91.3	121.7	49.3	44.7	77.1
Hotels, etc.	42.7	187.1	3.6	2.8	162.7	1.9	0.9
Shops	146.7	483.6	106.4	27.2	35.7	13.8	13.4
Factories	269.9	161.2	22.0	34.2	14.2	11.8	22.3
Offices	210.7	178.1	13.9	17.3	19.1	8.5	8.8
Other business premises	155.3	225.1	19.0	29.4	97.9	15.4	14.1
Educational	58.5	88.1	10.0	:0.9	8.3	7.1	3.8
Religious	16.1	13.9	4.7	2.3	1.1	1.6	0.7
Health	80.3	119.8	3.8	9.6	0.3	2.5	7.1
Entertainment and recreational	36.5	308.7	3.4	5.1	241.1	0.9	4.3
Miscellaneous	49.7	87.9	47.0	5.5	3.8	1.3	4.3
Total non-residential building	1,066.2	1,853.6	233.8	144.4	584.2	64.8	79.6
Total	4,006.9	5,186.0	761.6	782.6	872.6	356.9	425.7
		PUBLIC SE	CTOR				
	71.4	50.0		5.2	4.0	2.0	2.2
New houses	71.4	58.8	8.8	5.2	4.8	2.9	2.2 2.4
New other residential buildings	14.6	40.9	4.6	2.4	2.8	2.9	4.7
Total new residential building	86.0	99 . 7	13.4	7. 6	7.6	2.9	4.7
Alterations and additions to					0.3		
residential buildings	0.5	9.1	0.1		0.2	_	_
Hotels, etc.	4.3	1.3	0.6	0.1		0.1	_
Shops	8.4	3.4	0.4	3.6	0.2	1.0	2.6
Factories	2.2	45.0	0.1	0.3	0.3		0.3
Offices	48.8	56.2	5.3	2.7	8.4	1.2	1.5
Other business premises	13.8	141.7	3.7	0.5	6.0	0.4	0.1
Educational	97.0	119.6	39.3	23.2	4.3	8 1	15.1
Religious	_	_			-		7.6
Health	40.9	182.9	86.5	4.0	2.3	0.1	3.9
Entertainment and recreational	61.8	69.5	20.1	12.4	1.6	4.7	7.7
Miscellaneous	62.7 340.0	29.5 649 .1	1.5 <i>157.4</i>	1.0 <i>47.7</i>	1.6 24.5	0.3 15.9	0.7 31.8
Total non-residential building	340.0	64 9. (137.4	47.7	44.7	15.9	31.0
Total	426.5	757.9	170.9	55.3	32.3	18.8	36.5
		TOTA	I				
New houses	2,333.8	2,524.0	408.6	484.9	232.3	230.1	254.7
New other residential buildings	160.3	293.7	41.4	39.3	14.4	20.3	18.9
Total new residential building	2,494.1	2,817.7	450.0	524.1	246.7	250.5	273.7
Alterations and additions to							
residential buildings	533.0	623.5	91.4	121.7	49.5	44.7	77.1
U-rate ata	47.0	100 4	43	2.8	162.7	1.9	0.9
Hotels, etc. Shops	47.0 155.1	188.4 487.1	4.2 106.8	30.8	36.0	14.8	16.0
Factories	272.1	206.2	22.1	34.5	14.4	11.8	22.6
Offices	259.5	234.3	19.2	20.0	27.4	9.7	10.3
Other business premises	169.1	366.8	22.7	29.9	103.9	15.8	14.2
Educational	155.5	207.7	49.2	34.1	12.6	15.2	18.9
Religious	16.1	13.9	4.7	2.3	1.1	1.6	0.7
Health	121.2	302.7	90.4	13.6	2.6	2.6	11.0
Entertainment and recreational	98.3	378.2	23.5	17.5	242.6	5.6	11.9
	112.4	117.4	48.5	6.6	5.4	1.6	5.0
Miscellaneous							
Miscellaneous Total non-residential building	1,406.3	2,502.7	391.2	1 9 2.1	608.7	80.6	111.5

TABLE 6. NON-RESIDENTIAL BUILDING JOBS APPROVED, BY CLASS OF BUILDING AND VALUE SIZE GROUPS, VICTORIA

			AN	DVALUE	SIZE GR	OUPS, VI	CTORIA					
	\$50,000 i than \$20		\$200,000 than \$50		\$500,000 : than \$		\$1m to than \$		\$5m a ove		Tota	ai
Period	No.	Value (Sm)	No.	Value (\$m)	No.	Value (Sm)	No.	Value (Sm)	No.	Value (Sm)	No.	Value (Sm)
					HOTELS,	ETC.						
1994 June	5	0.4	3	0.7	1	0.6			1	161.0	10	162.7
July	2	0.1	4	1.1	1	0.8				_	7	1.9
August		0.1	3	0.7							5	0.9
					SHOP							
1994 June	39	3.5	14	4.3	I	0.5	3	6.7	1	21.0	58	36.0
July August	56 49	4.9 4.5	14 7	4.3 2.0	6 5	3.3	1	2.2	_	_	77	14.8
		4.,1		2.0			4	6.4			65	16.0
10041					FACTOR							
1994 June July	35 26	3. 4 2.7	15 14	4.5 4.1	6	3.9 2.3	1.	2.6	_	_	57	14.4
August	34	3.8	12	3.8	3 5	2.5	2 5	2.7 12.4			45 56	11.8 22.6
		J- 3		3.0				12.4		· <u> </u>	,,0	22.0
1994 June	36	3.1	16	4.7	OFFICE 5	3.9	8	167			7.5	27.4
July	21	2.0	14	4.7	4	2.3	î L	15.7 1.2			65 40	27.4 9.7
August	35	3.5	8	2.4	3	1.8	i	2.6	_	_	47	10.3
				OTHER	BUSINES	S PREMISES	 S					
1994 June	38	3.5	8	2.3	1	0.8	4	10.4	1	87.0	52	103.9
July	20	1.8	10	2.9	_	_	6	11.0	_	_	36	15.8
August	32	3,3	6	1.4	3	1.9	1	1.6]	6.0	43	14.2
					EDUCATIO							
1994 June	9	1.1	7	2.3	4	2.7	4	6.5		_	24	12.6
July August	20 15	2.0 1.3	5 8	1.6 2.6	8 4	5.4 2.8	3 3	6.2 7.0	_	_	36	15.2
. In Ruot				2.0				7.0	I	5.1	31	18.9
1994 June	8	0.8	1	0.2	RELIGIO	_						
July	ı	0.8	1	0.2	1	0.5	<u> </u>	1.0	· —-	_	9	1.1 1.6
August	2	0.2	2	0.6		_		1.0		_	4	0.7
				•	HEALT	<u></u> -						
1994 June	7	0.7	_		1	0.7	I	1.2		_	9	2.6
July August	8 4	0.8 0.3	1	0.3			1	1.5	_	_	10	2.6
August		E.0		0.4		<u> </u>		3.7	1	6.5	9	11.0
		1.5				RECREATI						
July	16 11	1. 5 1. 0	8 I	2.6 0.3	1	0.5	1	4.0	1	234.0	27	242.6
August	11	1.1	5	1.4	4	2.6		4.3 —	_ 1	6.8	13 21	5.6 11.9
					ISCELLAN	EOUS						
1994 June	14	1.3	4	1.5	1	0.7	1	2.0			20	5.4
July	12	1.4	1	0.2		_	_		_	_	13	1.6
August	14	1.5	5	1.2	!	1.0	1	1.3			2 1	5.0
 						TIAL BUILL	DING					
i 994 June July	207 177	19.3 16.9	76 64	23.2 19.1	21 23	14.2 14.7	23 16	49.0	4	503.0	331	608.7
August	198	19.6	58	16.6	25 25	15.8	17	30.0 35.0	4	 24.4	280 302	80.6 111.5

TABLE 7. NUMBER AND VALUE OF DWELLING UNITS APPROVED BY MATERIAL OF OUTER WALLS, AUGUST 1994

	Private sector	r	Public sector		Total	
Particulars	Number	Value (\$ 000)	Number	Value (\$ '000)	Number	Value (\$1000)
	MEI	LBOURNE STATIS	TICAL DIVISION			
Houses —						
Brick, stone or concrete	33	3,239	_	_	33	3,239
Brick-veneer	1,172	111,571	6	474	1,178	112,045
Timber	52	4,556	1	12	53	4,568
Fibre coment	ì	65			1	65
Steel, aluminium or						
other materials	43	3,981			43	3,981
Not stated	542	58,153	4	247	546	58,400
Total houses	1,843	181,565	11	732	1,854	182,297
Other residential buildings	228	15,377	10	448	238	15,825
Total residential buildings	2,071	196,942	21	1,180	2,092	198,122
		REST OF VI	CTORIA			
Houses						
Brick, stone or concrete	10	597		_	10	597
Brick-veneer	467	41,458	19	1,160	486	42,618
Timber	86	5,380	2	20	88	5,400
Fibre cement	26	1,282	_		26	1,282
Steel, aluminium or	20	1 42 02			40	1,502
other materials	51	4,054		_	51	4.054
Not stated	233	18.196	5	304	238	18,500
NOX Mated	233	18.190	.3	304	236	10,500
Total houses	873	70,967	26	1,484	899	72,451
Other residential buildings	15	1,089	35	1,993	50	3,083
Total residential buildings	888	72,056	61	3,477	949	75,533
		TOTAL VIC	TORIA			
Houses —						
Brick, stone or concrete	43	3,836		_	43	3,836
Brick-veneer	1,639	153,029	25	1,634	1.664	154,663
Timber	138	9,935	3	32	141	9,967
Fibre cement	27	1,347		_	27	1,347
Steel, aluminium or	-					•
other materials	94	8,035		_	94	8,035
Not stated	775	76,349	9	551	784	76,900
Total houses	2,716	25 2 ,531	37	2,216	2,753	254,748
Other residential buildings	243	16,466	45	2,442	288	18, 9 07
Total residential buildings	2,959	268,997	82	4,658	3,041	273,655

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS, AUGUST 1994

		Ν	lew resideni	tial building	5			Non-res buildü		
		Houses		Other n	esidential bu	ildings	Alterations and			
Statistical local area	Private sector (number)	Public sector (number)	sector value		Public sector (number)	Total value (\$'000)	additions to residential buildings (\$'000)	Private sector (\$`000)	Total (\$ 000)	Total building (\$'000)
		MELBO	DURNE S	TATISTIC	AL DIVIS	SION				
Altona (C)	24		1,790	•	-		127	440	440	2,357
Berwick (C) Box Hill (C)	190 21		16,548	33	_	1,150	536 756	2,190 553	2,190 691	19,274 4,272
Brighton (C)	21		1,675 2,388	11	_	1,130	928	99	99	4,416
Broadmeadows (C)	26		2,201	8		200	493	7,494	7,494	10,388
Brunswick (C)	1		100	59		3,500	496	1,300	1,300	5,396
Bulla (S)	107		10,592	_			625	247	247	11,463
Camberwell (C)	53		7,837	8	_	640	3,168	60	400	12,045 11,714
Caulfield (C) Chelsea (C)	35 20		4,365 1,486	59 5	5	5,587 440	1,561 163	200 500	200 850	2,938
Coburg (C)	3	_	530	_	_	_	292	180	230	1,052
Collingwood (C)							357	150	150	507
Cranbourne (C)	140		10,565		_		694	3,150	3,150	14,409
Croydon (C)	46	_	3,834	_	_	_	566	683	683	5,082
Dandenong (C) Diamond Valley (S)	18 22	1	1,069 2,855	_	_	_	228 426	170 100	287 100	1,584 3,380
Doncaster and Templestowe (C)	52		6,195			_	914	660	660	7,769
Eltham (S)	20		2.228		_	_	994	575	575	3,797
Essendon (C) (b)	7		704				616			1,321
Fitzroy (C) (b)	3	_	185	7	_	250	552			987
Flinders (S)	68		7,300	_	_	_	1.321	100	2,400	11,021
Footscray (C) Frankston (C)	8 24	_	743 2,942				234 652	3,930 1,108	3,930 1,258	4,907 4,852
Hastings (S)	30	_	2,922	_			618	473	473	4,013
Hawthorn (C)	10	_	1,485	4	_	620	1,559	1,010	1,010	4,674
Healesville (S)	_	_		· -			112			112
Heidelberg (C)	25	1	2,599	4	_	260	1,278	860	2,270	6,408
Keilor (C) Kew (C)	61 35		5,944 5,245			_	410 596	1,280	1,280	7,633 5,841
Knox (C)	96	1	10,185	7		350	1,614	832	1,615	13,764
Lillydale (S)	52		4,955		_	-	698	120	120	5,773
Malvern (C)	10		1,845	_	_	_	2,224	6,885	6,885	10,955
Melbourne (C) (b)	2		124			_	25,287	1,682	3,607	29,018
Melton (S)	73		7,337	_	_		521	105	305	8,163
Moorabbin (C) Mordialloc (C)	36 4		3,294 272	6	_	300	1,673 515	1,720 250	8,580 250	13,846 1,037
Mornington (S)	35		3,805		_	_	855	140	320	4.981
Northcote (C)	7		615	_	_	_	496	795	795	1,906
Nunawading (C)	26	1	2.203			_	1,305	2,776	3,508	7,015
Oakleigh (C) Pakenham (S)	18		1,607	_	5	186	642	1,375	6,520	8,954
Port Melbourne (C) (b)	19		2.031		_	_	603 200	736 540	736 540	3,369 740
Prahran (C)	5		982	6	_	680	863	480	480	3,005
Preston (C)	24	_	1,779	_		504	367	3,384	5,134	7,280
Richmond (C)	4	_	285	4	_	240	528	6,680	6,680	7,733
Ringwood (C)	12	_	744			_	388	114	114	1,245
St Kilda (C) Sandringham (C)	1 19		120 2,053			_	655 848	86	86	860
Sherbrooke (S)	4	_	428		_	_	261	240	240	3,142 688
South Melbourne (C) (b)	1		480	. —	_	_	714	515	597	1,791
Springvale (C)	47	2	4,581		_	—.	484	915	915	5,980
Sunshine (C)	32	l	2,806	_	_	_	406	2,195	4,270	7,482
Upper Yarra (S) Pt A	3	•	275			_	213			488
Waverley (C) Werribee (C)	25 116		3,184 10,398				831 826	808	808	4,823
Whittlesea (C)	89		7,817		_		820 471	3,537 2,475	3,637 2,475	14,861 10,764
Williamstown (C)	13	_	1,766	7	_	420	506	80	80	2,772
Melbourne (SD)	1,851	11	183,081	228	10	15,825	66,461	67,025	91,713	357,081
See footnotes at end of table.	· · · · · · · · · · · · · · · · · · ·							,	,	

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS, AUGUST 1994—continued

		N	ew resideni	tial building.	ī			Non-residential building (a)		
		Houses		Other re	sidential bui	ildings	Alterations and additions to			
Statistical local area	Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$ '000)	residential buildings (\$'000)	Private sector (\$'000)	Total (\$'000)	Total building (\$ '000)
		BAR	WON STA	ATISTICA	L DIVISIO	N N				
Colac (C)	1		127			_	55		_	182
Colac (S)	I		54				46			100
Greater Geelong (C) — (b)										
— Part A										
Bellarine — Inner	21		1,540			_	185	125	125	1,850
Corio — Inner	42		3.940	_		_	191	1,840	1,840	5,971
Geelong	1		70		· —		573	317	1,317	1,960
Geelong West	7		400				306	_		706
Newtown	i		130				351			481
South Barwon - Inner	27		2,322				470	80	330	3.123
— Part B	24		1.791				342	306	306	2,439
Part C	24		1,791		_		J42	.500	56	56
	- 6		446				18		30	464
Otway (S) Queenscliffe (B)	3		190	_	_	_	10 89	-		279
	3		190	_	_	_	69		_	219
Southern Rural (S) — (b)										
— Central						a.a		_	_	
— East	3		438	**			64			502
Surf Coasi (S) Pt A & B (b)	51	_	4,211	_	_	_	438	52	282	4,930
Barwon (SD)	188		15,659	_		_	3,127	2,720	4,256	23,042
		WESTERN	DISTRIC	CT STATE	STICAL DI	IVISION				
Belfast (S)							17		1	17
Camperdown (T)			_	_	4	307	28		_	335
Dundas (S)										
Glenelg (S)	2		152			_	_			152
Hamilton (C)	ī	_	90	_		_	47		_	137
Hampden (S)	3	_	190	_			89	280	280	559
Heytesbury (S)		_	150			_	10			10
Heywood (S)	5		506				25		_	531
Minhamite (S)	,			_	_	_	43			
• •	_	_			_	_	83	_	_	83
Manthalia (C)		_		_			8.3		_	
Mortiake (S)		_			_		_	_	_	120
Mount Rouse (S)	_		100					_		
Mount Rouse (S) Port Fairy (B)	1		120 571	_			40	250		1 220
Mount Rouse (S) Port Fairy (B) Portland (C)			571	_		-	58	350	710	1,339
Mount Rouse (S) Port Fairy (B) Portland (C) Wannon (S)	1 6 —		571			_	_		710 	· —
Mount Rouse (S) Bort Fairy (B) Portland (C) Wannon (S) Warmambool (C)	$\frac{1}{6}$	<u>-</u>	571 1,765	- - 1		55	414	350 910	710 910	3,144
Mount Rouse (S) Bort Fairy (B) Portland (C) Wannon (S) Warmambool (C) Warmambool (S)	1 6 —		571			_	_	910	710 910 	· —
Mount Rouse (S) Port Fairy (B) Portland (C) Wannon (S) Warmambool (C)	$\frac{1}{6}$	<u>-</u>	571 1,765	- - 1		_	414		710 910	3,144

See footnotes at end of table.

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS, AUGUST 1994—continued

		N	ew resideni	ial building	s		41	Non-resi buildin		
		Houses		. Other re	sidential but	ldings	Alterations and additions to			Tota. building (\$ 000,
Statistical local area	Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$ '000)	residential buildings (\$ 000)	Private sector (\$'000)	Total (\$ '000)	
-	Ci	ENTRAL H	IIGHLAN	DS STAT	ISTICAL D	DIVISION				
Ararat (C)	_		_	•		_	_	_	_	_
Ararat (S)	1		55	_		-	30	58	58	143
Avoca (S)	2	_	99	_	_	-	20	_	_	119
Bacchus Marsh (S)	17	_	1,590			_	175	_	_	1,765
Ballarat (C) — (b)							•			
— Central	17		1,216	10		834	98	900	900	3,048
Inner North	4		363				85	_	_	448
North	1	-	80		***	_	_	_	_	80
— South	20		1,634	4		200	80	_	_	1,914
Creswick (S)	5		337		_	_	28	_	_	365
Daylesford and Glenlyon (S) Moorabool (S) (b)	8	_	606		_	_	105	_	_	711
* / ` /										
— East West	2		151	_	-		58	50	50	259
Lexton (S)	_	_			_	_	59	_	,	59
Ripen (S)	2		59 28		_					59
Southern Rural (S) — (b)	1	_	20		_	_	_	_		28
West	3		195				19			214
Talbot and Clunes (S)	i		40	_	_			_	_	214 40
Central Highlands (SD)	84	_	6,452	14	_	1,034	758	1,008	1,008	9,252
		WIMI	MERA ST	ATISTICA	AL DIVISI	ON				
Arapiles (S)	1		119				11			130
Dimboola (S)	2	_	69		_			_		69
Donald (S)	_	_	_			_				
Dunmunkle (S)		_			_			_	_	_
Horsham (C)	10	_	913		_	_	25	171	171	1,109
Kaniva (S)	_				_		_	_	_	
Kara Kara (S)	2		163		_		_	_	_	163
Kowree (S)	_	_					23	_	_	23
Lowan (S)	1	_	64	_	_		-			64
St Amaud (T)	_			_	_		_	_		
Stawell (C)	2	_	140				45	_	_	185
Stawell (S)	1		100			_	10		_	110
Warracknabeal (S)	1		100	_	_		_	_		100
Wimmera (S)	4		140		_	_	16	_	_	156
Wimmera (SD)			1,809	_			129	171	171	2,108
		MAL	LEE STA	TISTICA	L DIVISIO	N				
Birchip (C)		5	304							304
Karkarooc (S)	_		_	. —			46			46
Kerang (B)	1	_	110	_			105		_	215
Kerang (S)	1	_	55	_	_	-	_			55
Mildura (C)	10	_	706	_	_		142	250	250	1,098
Mildura (S) Pt A & B	19		1,729	_	_		48	100	100	1,877
Swan Hitl (C)	8	2	500			_	49	150	150	700
Swan Hill (S)	3	_	317	. —	_		156		_	473
Walpeup (S)		_		_	_	**	11		_	11
Wycheproof (S)	_				_			_	_	_
Mallee (SD)	42	7	3,722							

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS, AUGUST 1994—continued

	N	ew resident	ial building:	ī		an.			
	Houses		Other re	sidential but	ldings	and			
Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$`000)	additions to residential huildings (\$ 000)	Private sector (\$`000)	Total (\$'000)	Fotal building (\$'000)
I.	ODDON-C	AMPASI	E STATIS	STICAL DI	IVISION				
1	_	45			_	15			60
5	_	410	_	_	_	225	_	_	635
_	_	_	_	_	_	_	_		
•					_	_	_	_	_
			_	_	_		_	_	_
4	_	287	_	_	_	135			422
15		951		_	_	116	665	715	1,782
4		340				30	_	_	370
11		950	-		_	64	_	_	1,014
18		1,695	_		_	24	400		2.119
_			_	_	_				105
							100		185 1,140
					_				1,038
				_					216
	_		_	_					
5		303	_	_		65	_	_	368
7		577		_	_	30	119	119	725
2		144			_	21	_	_	165
_	_	_	_	_		32		_	32
	_		-	_			70	70	265
				178-	_		_	_	306
					3-7	165		_	341
3			_	_				-	280
	_					15			335
	2	_	_		_		_	_	836
ì	-	25	_		_	37		_	62
118	2	10,001	_	_		1,225	1,419	1,469	12,696
	GOUL	.BURN S	TATISTIC	AL DIVIS	ION				
1		104				30	•		134
			_		440		58		875
							75		630 632
_					_				384
	_			_					831
					_	71	_	65	334
3	_	330	_			58	_	65	453
9		612		_	_		549	549	1,161
1		121	_	_			50	50	171
5	_	396	_			146	_	-	542
_	_		_	44.7	_				51
									492
				17					1,444 1,857
				17			230		1,560
			_	_			180	180	796
ĺ	_	140	_	-		14			153
		240	_	_		30	_	_	270
3		270							
3 4	_	302		_	_	58	98	98	458
			_	_	_	58 14	98	98 —	458 135
	Sector (number) I	## Houses Private Public sector (number) (number) (number)	Private Public Total sector sector sector value (8 '000)	Houses	Private Public Total Private Sector Sector Value Sector Sector Sector Number N		Private Public Sector Sector	New residential buildings	Houses Chher residential buildings and additions to an additions to a additions to

See footnotes at end of table.

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS, AUGUST 1994 -- continued

		٨	lew resident	ial building	5			Non-residential building (a)		
		Houses		Other re	esidential bu	ildings	Alterations and additions to			
Statistical local area	Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$'000)	residential buildings (3'000)	Private sector (\$'000)	Total (\$'000)	Total building (\$ '000)
		OVENS-	MURRAY	STATIS	TICAL DIV	/ISION				
Beechworth (S)	4		191				• • • • • • • • • • • • • • • • • • • •		90	281
Bright (S)	6		431	_	_		50			481
Chiltern (S)				_		_			_	
Myrtleford (S)	1		60	_			41			101
Oxley (S)	4		275		_		129			404
Rutherglen (S)	2		126	_	_	_		100	100	226
Tallangatta (S) Pt A & B	16		954	_	_	_	40			994
Upper Murray (S)	1		102		,					102
Wangaratta (C)	9		714	_	6	328	184	230	230	1,456
Wangaratta (\$)	3		430	_	_		37			467
Wodonga (RC)	29	17	3,551		. —		309	130	4,292	8,151
Yackandandah (S) Yarrawonga (S)	1 11	_	175 766	_	_	_	27	570	570	202 1,336
	11		700	_	_	_		310	370	1,330
Ovens-Murray (SD)	87	17	7,774	-	6	328	817	1,030	5,282	14,201
		EAST GI	PPSLANI	STATIS	TICAL DI	VISION				
Avon (S)	2		132							132
Bairnsdale (C)	9		762				116	97	97	975
Bairnsdale (S) Pt A & B	12		1,003			_	107			1,110
Maffra (S)	4		384			**	123			507
Omeo (S)							10			10
Orbost (S)	4		250	_	_	_	86	100	100	436
Sale (C)	5		437				36	67	67	540
Tambo (S) Pt A & B	19		1.098				95	550	550	1,743
East Cippsland (SD)	55		4,066	<u>:-</u>			573	814	814	5,453
		GIPPS	SLAND S	TATISTIC	'AL DIVIS	ION				
Alberton (S)	7	_	318				25	97	97	440
Bass (S)	4		332				16			348
Buin Buin (S)	10		869	_			65	170	262	1,195
Korumburra (S)	3	•	332				35			367
Mirboo (S)	1		250				11		140	401
Moe (C)	3	_	390	_	_		223		100	713
Morwell (C) Pt A & B	6		531 492	_	_		260	80	80	871 614
Narracan (S) Pt A & B Phillip Island (S)	6 22		1,558			_	122 81		250	1.889
Rosedale (S)	19		1.265				110		230 . <u>-</u>	1.375
South Gippsland (S)	5	• •	403				67	95	95	565
Traralgon (C)	8		740				160	945	1,033	1,933
Traralgon (S) Pt A & B	3	_	207				67	777	1,000	274
Upper Yarra (S) Pt B		_	207				10			10
Warragul (RC)	11	_	877				151	300	300	1,328
Wonthaggi (B)	7		442			_	136	75	75	653
Woorayl (S)	9		832				80	100	100	1,012
Bass Strait Islands	-		_	_						- 1
French Island										
Yallourn Works Area	_			. —						
Gippsland (SD)	124		9,838				1,620	1,862	2,531	13,989
			v	ICTORJA						
Materia	4 4 4		451 340	4.14		10.007	77 004	70 440	111 484	463 101
Victoria	2,716	37	254,748	243	45	18,907	77,081	79,609	111,454	462,191

⁽a) Details relating to individual classes of building are available on request. (b) For further details of changes to Statistical local areas please refer to paragraphs 26 and 27 of the explanatory notes, and also to the list of local government boundary changes enclosed with this publication.

TABLE 9. BUILDING APPROVALS BY SELECTED STATISTICAL SUBDIVISIONS, AUGUST 1994

		N	en resident	ial building.	s			Non-residential building (a)		
		Houses		Оп	her residenti buildings	ai	Alterations and additions to			
Statistical local area	Private sector (number)	Public sector (number)	Total value (\$ '000)	Private sector (number)	Public sector (number)	Total value (\$1000)	residential buildings (\$ 000)	Private sector (\$1000)	Total (\$ 000)	Tota building (\$'000)
	CDUATED	CHELONG O	TELEV DAD	T A CT A 770	etical sin	BDIVISION (b)	 			
Bellarine Inner	21	-	1.540	1 IL STATE			185	125	125	1,850
Corio - Inner	42		3.940				191	1,840	1,840	5,971
Geelong	1		70		_		573	317	1,317	1,960
Geelong West	7		400		•	_	306	_	_	706
Newtown	1		130	_	-	-	351			481
South Barwon - Inner	27		2.322	_			470	80	330	3,123
Greater Geelong City Part A (SSD)	99	_	8,402	_	_	_	2,076	2,362	3,612	14,091
	B/	LLARAT C	ITY STAT	ISTICAL S	UBDIVISIO	N (b)				
Ballarat (C) - Central	17	_	1,216	10		834	98	900	900	3,048
Ballarat (C) Inner North	4		363	_	_		85		_	448
Ballarat (C) - North	1		80							80
Ballarat (C) — South	20		1,634	4		200	80	_	_	1,914
Ballarat City (SSD)	42		3,292	14	_	1,634	263	900	900	5,490
	GREATER	BENDIGO C	TIY PART	I A STATIS	TICAL SUE	BDIVISION (b)				
Faglehawk	4		287				135			422
Greater Bendigo (C) — Central	15		95 1	-	-		116	665	715	1,782
Huntly Inner	4		340			-	30	_	_	370
Marong — Inner Strathfieldsaye — Inner	11 18		950 1.695	_			6 4 24	— 400	 400	1,014 2,119
Greater Bendigo City Part A (SSD)	52	_	4,224	_	_	_	368	1,065	1,115	5,707
	SHEPP	ARTON-MO	OROOPN	A STATIST	TCAL SUBT	ntvision		· · · · · · · · · · · · · · · · · · ·		
Rodney (S) Pt A	9		688	_	_			70	70	758
Shepparton (C)	19		1,460	_			100	_	_	1,560
Shepparton (S) Pt A	3		401				215	180	180	796
Shepparton-Mooroopna (SSD)	31	-	2,549	_	_		315	2 5 0	250	3,114
•		WODONG	A STATIS	STICAL SU	BDIVISION					
Beechworth (S)	4		191		_				90	281
Chiltern (S)			_	-		_			144.5	_
Tallangatta (S) Pt A	3		251	_	_		30	_	_	281
Wodonga (RC) Yackandandah (S)	29 1	17	3,551 175			_	309 27	1 30 	4,292	8,151 202
Wodonga (SSD)										
vividoliga (55D)		17	4,167				366	130	4,382	8,915
Moe (C)		VIROBE VA			. SUBDIVIS	ION				
Morwell (C) Pt A	3 4		390 428	_	_		223		100	713
Narracan (S) Pt A	3	_	282	_	_	_	171 6 5	80 —	80	678 347
Traralgon (C)	8		740	_	_	_	160	945	1,033	1,933
Traralgon (S) Pt A	-				_	_	67	_		67
Yallourn Works Area	-				-		_	-	_	_
Latrobe Valley (SSD)	!8	_	1,840	_	_	_	686	1,025	1,213	3,739
		MILDURA	STATIST	TICAL SUB	DIVISION					
Mildura (C)	10		706				142	250	250	1,098
Mildura (S) Pt A	19		1,729			_	48	100	100	1,877
Mildora (SSD)	29	_	2,435	_		_	190	350	350	2,975
 										

⁽a) Details relating to individual classes of building are available on request. (b) For details of changes to Statistical local areas and Statistical subdivisions, please refer to paragraphs 26 and 27 of the explanatory notes, and also to the list of local government boundary changes enclosed with this publication.

TABLE 10. VALUE OF NON-RESIDENTIAL BUILDING JOBS APPROVED BY CLASS OF BUILDING AND STATISTICAL DIVISION (\$'000)

Entertainment Other Hotels husiness Educa recreati-Miscelpremises Period etc. Shops Factories. Offices tional Religious Health onal laneous Total MELBOURNE STATISTICAL DIVISION 1991-92 45,513 121,806 212,864 457,680 149,455 102,085 10,903 50,882 44,172 47,042 1,242,404 1992-93 32,139 130,559 189,191 238,190 139,480 131,063 12,591 104,291 65,528 95,208 1.138,241 441,505 197 917 171 926 10.818 257 790 359,444 77.796 2.138.618 1993-94 167,762 120,873 332 785 3,934 26.993 40 606 150.928 15.506 374 28.904 5 355 1993 June 7.127 17.129 4.998 July 862 10,979 5,979 7,374 5,319 12,192 1,865 16,712 12,022 4,975 78,279 88,515 10.561 6.286 11.870 31.640 1,900 71,810 9,844 29,687 262,114 August 1994 June 161,220 28,191 22,693 100,370 8,922 793 1,643 240,108 4,367 575,462 7.156 1.108 59.834 5 207 July 1,435 11.686 10.410 8.070 10.378 8 975 500 2 115 10.882 August 590 12.288 20.073 8.056 12,192 12.034 440 10.949 4.158 91.663 BARWON STATISTICAL DIVISION 1991-92 1,239 3,700 23,258 2,153 8.470 713 5,362 5,100 1,367 57,120 2,598 6,907 3,603 62,523 1992-93 5,524 3,455 24,387 3,263 6.765 5,690 330 559 5,187 1.071 7.182 54,696 1993-94 12.294 3.564 10.105 4.695 1,650 8.390 120 5.846 150 50 3,243 1,552 337 116 80 62 136 1993 June 70 237 150 443 498 110 140 585 2.233 July 200 205 1,805 337 3,547 220 55 6,369 August 1994 June 480 728 2,650 720 335 100 149 134 460 125 5,882 3,278 325 50 443 135 2,075 July 250 184 4.256 August 1,539 717 260 176 1.380 WESTERN DISTRICT STATISTICAL DIVISION 575 1,068 16,995 1991-92 214 1,820 4,458 454 460 3.187 1,053 3,706 1992-93 460 324 9,448 563 4.784 1,577 110 65 3,955 2,363 23,648 25,408 2,316 632 8,417 506 2,015 1.299 820 1993-94 2 161 6.609 632 1,432 1,724 8,670 50 125 5.189 150 1993 June 99 495 July 120 210 70 August 85 194 251 60 160 184 69 1.0031.971 200 235 1.218 318 1994 June 1.000 105 2.285 50 510 410 210 July 570 642 1.900 150 187 August 190 160 CENTRAL HIGHLANDS STATISTICAL DIVISION 3,985 1991-92 2,216 1,954 1,915 473 6.223 3 038 190 928 1.742 23,766 277 2,377 3,219 1,964 2,831 190 3.904 5,072 794 22,274 1992-93 1,646 387 1,270 6,138 2,785 26,793 3,254 2,977 1,078 1,620 6.418 1993-94 865 979 140 80 313 100 346 1993 June 405 July 80 150 175 402 1.467 55 402 285 233 85 August 190 2.817 760 1.227 80 560 1994 June 2,902 114 4.372 1.236 120 July 58 1,008 50 400 500 August ---

TABLE 10. VALUE OF NON-RESIDENTIAL BUILDING JOBS APPROVED BY CLASS OF BUILDING AND STATISTICAL DIVISION continued

(\$'000)Entertainmeni Other and Miscel-Hotels husiness Educarecreati-Total Religious Health laneous Period Shops **Factories** Offices tional onal etc premises WIMMERA STATISTICAL DIVISION 1.170 8.451 1991-92 1,058 685 370 659 1.207 1.746 65 883 607 1992-93 1,077 332 115 2,085 390 60 64 100 673 4,896 120 14,874 2,035 1,006 580 1993-94 883 1.605 7.618 210 816 75 310 185 50 1993 June 533 July 533 ----August 130 _ ._ 100 _ .. 230 1994 June 217 60 148 658 **40**0 120 1,604 July 110 170 60 August .._ MALLEE STATISTICAL DIVISION 1991-92 838 1,351 868 690 1,137 1,446 92 100 910 472 7,903 1,644 495 354 1,934 446 417 8,250 1992-93 284 1,406 1,269 1993-94 800 1.185 301 1,510 108,8 83 1,432 280 450 2.343 416 75 646 100 471 1993 June 398 230 July 50 68 50 August 120 331 50 501 1994 June 83 340 238 300 961 60 200 1,062 250 252 300 July 500 August 60 i 30 310 .--LODDON-CAMPASPE STATISTICAL DIVISION 1,420 1991-92 1.845 25,839 1,456 1.362 3,768 3.961 1.175 4.901 509 5.441 1992-93 1,433 4.901 3,106 3,113 4,861 7,270 180 3,769 3,825 2,772 35,230 1993-94 7.922 1,820 2,262 43,758 567 6,520 7,665 1,708 680 14,613 1993 June 225 70 469 255 1,052 524 2,595 70 900 2.120 July 172 400 378 200 August 100 3,080 490 2 930 120 55 6.775 4,511 1994 June 80 100 780 3,212 289 50 288 455 68 140 445 120 1,516 July 290 66 400 318 100 70 225 1,469 August GOULBURN STATISTICAL DIVISION 1991-92 1,588 1,734 10.980 1.858 3.729 2.140 4.065 704 110 6.988 8.063 1997-93 1.294 2.819 37.691 1.706 6,435 1.416 160 1.231 2.121 4.600 59.473 1993-94 9,323 8,352 47,503 4,042 5,089 6,591 300 2,471 7,596 91,267 250 70 150 160 148 903 1993 June 125 199 50 150 230 2,331 460 512 188 July 542 680 1,315 950 3,135 August 140 . _ 50 5,404 1.297 235 700 1994 June 102 120 446 8,304 July 696 135 340 90 200 150 1,611 375 304 50 110 1,860 August 183 185 653

TABLE 10. VALUE OF NON-RESIDENTIAL BUILDING JOBS APPROVED BY CLASS OF BUILDING AND STATISTICAL DIVISION—continued (\$'000)

					(\$'000)						
Period	Hotels etc.	Shops	Factories	Offices	Other business premises	Educa- tional	Religious	Health	Enterta- inment and recreati- anal	Miscel- laneous	Total
			OVEN	S MURRA	y statisti	ICAL DIVI	SION				
1991-92	1,627	1,797	877	802	1,045	5,311		1,796	80	1,574	14,910
1992-93	1,817	1,988	825	1,063	703	1,340	440	1.014	1,436	889	11,515
1993-94	2,411	3,145	1,385	2,013	1,184	1,084	217	9,008	470	13,437	34,354
1993 June			60	54		740				_	854
July	56	100								76	232
August	_					Bl			95	11,914	12,090
1994 June	590		171	442	607	360	109	-	155		2,434
July		170	275		4.060				_	•	4,505
August		350	260		200	4,252	220				5,282
			EAST	GIPPSLAN	D STATIST	ICAL DIV	ISION				
1991-92	1,252	2.175	1,726	1.640	1,249	382	103	56	4,737	460	13,781
1992-93	610	1,883	1,021	1.224	250	319	440	1,661	1,630	512	9,550
1993-94	1.914	5,999	1.329	2.035	992	2,926	750	2,179	3,530	1,809	23.463
1993 June		757	220	•				_		_	977
July	580	56	1.52		50		750	_	65	_	1,653
August	800	753	90	135	70	1,500			480	_	3,829
1994 June	54		611		57				350		1,072
July	- -					113	70	•			183
August	••	497	150		100				67		814
			GII	PPSLAND S	STATISTICA	AL DIVISIO	ON .				
1991-92	692	2,743	7,101	1,502	1,129	6,634	877	4,886	3,622	2,380	31,565
1992-93	2,101	5,067	2,996	4,529	2,211	3,583	1,619	682	7,290	580	30,658
1993-94	2,299	4.164	3,248	14,498	3,584	8.213	154	1,713	1,852	912	40,639
1993 June	1,200	160	374	2,730		1,007		360			5,831
July		362	575	290	153		-	104	80	150	1,714
- August	275	527	210		250	1,579		330	122		3,293
1994 June			455	160	500	1.626	-	184	665	1 0	3,700
July	_	398	_	170	575	689			150		1,982
August		357	480	995		179			100	420	2,531
				тот	AL VICTO	RIA					
1991-92	57,964	143,123	258,794	472,155	175,616	136,092	14,815	84,086	63,886	67,184	1,473,715
1992-93	47,017	155,112	272,071	259,451	169,113	155,501	16,059	121,215	98,310	112,411	1,406,261
1993-94	188,389	487,069	206,188	234,292	366,837	207,686	13.934	302,668	378,184	117,425	2,502,670
1993 June	5,334	8,684	26,756	32,388	7,455	18,821	614	29,855	5.941	42.689	178,538
July	2,733	12,434	7,006	9,006	6,273	13,232	2,615	18,071	12,706	6,316	90,393
August	1,430	94,377	15,070	10,173	16,388	36,010	2,120	72.280	10,775	42,177	300,802
1994 June	162,707	35,975	14,430	27.427	103,869	12,605	1,051	2,619	242,614	5,422	608,719
July	1,935	14,813	11,848	9,748	15,766	15.234	1,570	2,560	5,557	1,597	80,629
August	880	15,989	22,635	10,274	14,169	18,878	730	10,999	11,917	4,983	111,454

TABLE 11. NEW DWELLING UNITS APPROVED, BY TYPE AND STATISTICAL DIVISION AUGUST 1994

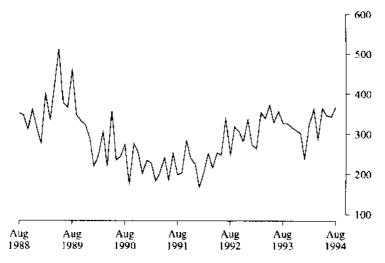
					Other resident	ial building				
	_	Semi-detached, row or terrace houses, townhouses, etc. of			Flats, u		Total			
Statistical division	Houses	1 storey	2 or more storeys	Total	1-2 storeys	3 storeys	4 or more storeys	Total	Total	residentia huilding
			Nt.	MBER OF I	DWELLING U	NITS				
Melbourne	1.854	78	112	190	15	33		48	238	2,092
Barwon	188		-		4-		_	_	_	188
Western District	44	5		5	_				5	49
Central Highlands	84	8	6	14				_	14	98
Wimmera	24							_		24
Malice	49			_			_	_		49
Loddon-Campaspe	120									120
Goulburn	107	25		25			_	_	25	132
Ovens-Murray	104	6		6					6	110
East Gippsland	55	-							•	55
Gippeland	124									124
Victoria	2,753	122	118	240	15	33	_	48	288	3,041
				VALU	Æ (\$'000)					
Melbourne	182,297	4,549	8,751	13,300	1,375	1,150		2,525	15,825	198,122
Barwon	15,659		· -				_			15,659
Western District	4,069	362		362					362	4,431
Central Highlands	6,452	531	503	1.034	_				1,034	7,486
Wimmera	1,809									1,809
Mallee	3,722							_	_	3,722
Loddon-Campaspe	10,001				_		<u></u>	_	_	10.001
Goulburn	9.060	1,359		1,359			_	_	1.359	10,418
Ovens-Murray	7,774	328		328	_		_	_	328	8,102
East Gippsland	4,066				_	_	_			4,066
Gippsland	9.838				_	_			_	9,838
Victoria	254,748	7,128	9,254	16,382	1,375	1,150	_	2.525	18,907	273,655

TABLE 12. NUMBER OF DUAL OCCUPANCY (a) DWELLING UNITS APPROVED BY STATISTICAL DIVISIONS (SD) AND SELECTED SUBDIVISIONS (SSD)

Statistical division / subdivision	1992-93	1993-94	July - Aug. 1994-95	Aug. 1994
Melbourne (SD)	2,918	3,021	529	260
Greater Geelong City Part A (SSD) (b)	159	193	41	25
Barwon (SD)	202	275	51	35
Western District (SD)	51	43	10	-5
Ballarat City (SSD) (b)	81	33	15	11
Central Highlands (SD)	96	43	20	14
Wimmera (SD)	27	17	4	
Mildura (SSD)	27	48	à	4
Mallee (SD)	31	75	Ř	6
Greater Bendigo City Part A (SSD) (b)	114	100	12	7
Loddon-Campaspe (SD)	. 145	134	18	ģ
Shepparton-Mooroopna (SSD)	42	27	Š	ź
Goulburn (SD)	89	76	21	ã
Wodonga (SSD)	76	56	6	6
Ovens-Murray (SD)	103	65	13	13
East Gippsland (SD)	34	23	19	9
Latrobe Valley (SSD)	34	42	Ŕ	ź
Gippsland (SD)	59	86	19	ş
Victoria	3,755	3,858	712	369

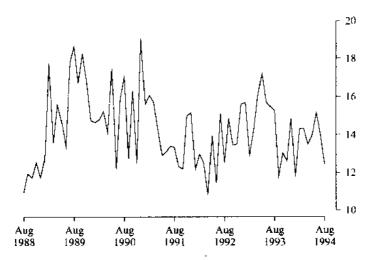
⁽a) Refer to paragraph 8 of the explanatory notes. (b) For details of changes to Statistical local areas and Statistical subdivisions, please refer to paragraphs 26 and 27 of the explanatory notes, and also to the list of local government boundary changes enclosed with this publication.

NUMBER OF NEW DUAL OCCUPANCY DWELLING UNITS APPROVED, VICTORIA



Note: Refer to paragraph 8 of Explanatory Notes.

NEW DUAL OCCUPANCY DWELLING UNITS APPROVED, EXPRESSED AS A PERCENTAGE OF TOTAL NEW DWELLING UNITS APPROVED, MELBOURNE STATISTICAL DIVISION



Note: Refer to paragraph 8 of Explanatory Notes.

TABLE 13. NUMBER OF DUAL OCCUPANCY (a) DWELLING UNITS APPROVED

Statistical local area	1992-93	1993-94	July - Aug. 1994-95	Aug. 1994
Altona (C)	84	86	14	8
Berwick (C)	99	59	20	6
Box Hill (C)	64	96	11	5
Brighton (C)	39	62	22	9
Broadmeadows (C)	82	87	9	6
Branswick (C)	16	27	3	1
Bulia (S)	34	16	1	1
Camberwell (C)	128	151	23	7
Caulfield (C)	85	86	19	11
Chelsea (C)	26	48	12	5
Coburg (C)	14	25	3	_
Collingwood (C)	8	. 8	_	_
Cranbourne (C)	25	41	2	2
Croydon (C)	50	51	13	7
Dandenong (C)	44	34	10	4
Diamond Valley (S)	40	42	3	2
Doncaster and Templestowe (C)	10 9 70	115	17 13	10 4
Eltham (S) Examples (C) (b)		61		
Essendon (C) (b)	66 5	64 4	5 4	1
Fitzroy (C) (b) Flinders (S)	2	10	4	2 2
Footscray (C)	12	16	4	3
Frankston (C)	66	53	3	2
Hastings (S)	19	13	3	1
Hawthom (C)	11	13 24	6	2
Healesville (S)	2	3	0	ž
Heidelberg (C)	67	60	13	10
Keilor (C)	104	132	27	14
Kew (C)	28	36	4	4
Knox (C)	50	53	11	6
Lillydale (S)	22	34	2	1
Malvem (C)	25	28	2	2
Melbourne (C) (b)	10	12		
Melion (S)	16	18	2	_
Moorabbin (C)	162	179	40	19
Mordialloc (C)	59	78	8	3
Mornington (S)	31	27	_	
Northcote (C)	26	37	10	4
Nunawading (C)	146	117	26	10
Oakleigh (C)	55	81	10	1
Pakenham (S)	16	16	2	_
Port Melbourne (C) (b)	6	11	2	_
Prahran (C)	28	29	6	6
Preston (C)	74	74	15	8
Richmond (C)	6	22	12	6
Ringwood (C)	81	64	5	2
St Kilda (C)	10	17	1	1
Sandringham (C)	54	81	17	12
Sherbrooke (S)	-	4	1	_
South Meibourne (C) (b)	15	10	_	
Springvale (C)	86	49	14	6
Sunshine (C)	105	26	6	4
Upper Yarra (S) Pt A	2	1		_
Waverley (C)	137	160	25	13
Werribee (C)	113	18	16	10
Whittlesea (C)	172	182	23	14
Williamstown (C)	. 12	20	5	3
Melbourne Statistical Division	2,918	3,021	529	260
Rest of Victoria	837	837	183	109
Total Victoria	3,755	3,858	712	369

⁽a) Refer to paragraph 8 of the explanatory notes. (b) For details of changes to Statistical local areas and Statistical subdivisions, please refer to paragraphs 26 and 27 of the explanatory notes, and also to the list of local government boundary changes enclosed with this publication.

EXPLANATORY NOTES

Introduction

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

- (a) permits issued by licensed municipal building surveyors employed in local government authorities;
- (b) contracts (let or day labour work) authorised by Commonwealth, State, semi-government, and local government authorities, and
- (c) permits issued by licensed private building surveyors;

The last category reflects implementation of the 1993 Building Act by the Victorian Government from 1 July 1994.

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.

Scope and coverage

- 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.
- 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 (previously \$5,000 or more).
 - (b) approved alterations and additions to residential buildings valued at \$10,000 or more (no change in cut-off limit for this category); and
 - (c) all approved non-residential building jobs valued at \$50,000 or more (previously \$30,000 or more).

These changes mainly affect non-residential building data. In particular, care should be taken interpreting data for specific classes of non-residential building.

Definitions

- 5. A building is defined as a rigid, fixed, and permanent structure which has a roof. Its intended purpose is pimarily 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.
- A dwelling unit is defined as a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential purposes. 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; or
 - (h) 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 town houses, duplexes, apartment buildings, etc.).
- 8. Commencing with the March 1989 issue details of *dual occupancy dwelling units* approved are included in Tables 12 and 13 of this publication. The dual occupancy concept applies in each case where two dwelling units occupy a single residential allotment and *new* dwelling units are created as follows:
 - (a) when two new dwelling units are to be erected on one allotment both units are counted.
 - (b) when one new dwelling unit is to be erected on an allotment already occupied by an existing dwelling unit, the new unit is counted.
 - (c) when an existing dwelling unit is to be altered or added to, to create two dwelling units, one new unit is counted.
 - (d) when a non-residential building is to be altered and/or added to, to create two dwelling units, both units are counted.

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 Tables 1 to 10, but is shown in the note following 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 and often do

differ significantly from the completed value of the building.

Building classification

- 10. Ownership. The ownership of a building is classified at the time of approval as either private sector or public sector according to expected ownership of the completed building. 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 building general. 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 in the treatment of group accommodation buildings where, for example, a student accommodation building on a university campus would be classified to 'Educational'. Further details of the functional classification may be found in the explanatory notes of the ABS publication Building Activity, Victoria (8752.2).
- 12. Functional classification of building Dwelling Structure Classification (DSC). 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.

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.

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

- 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.

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

General

13. 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

- Seasonally adjusted building statistics are shown in Table 3. In the seasonally adjusted 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. As happens with all seasonally adjusted series the seasonal factors are reviewed annually to take account of each additional year's data. The results of the latest review were used to compile the revised seasonally adjusted and trend estimates contained in this bulletin. Regular subscribers can obtain a complimentary copy of the full revised series on request.
- 15. Since seasonally adjusted statistics reflect both irregular and trend movements, an upward or downward movement in a seasonally adjusted series does not necessarily indicate a change of trend. Particular care should therefore be taken in interpreting individual month to month movements.
- 16. Trend estimate dwelling approval statistics are shown in Table 3. The trend estimates (formerly referred to as smoothed seasonally adjusted series) have been derived by applying a 13-term Henderson-weighted moving average to the series.
- 17. While this technique enables trend estimate data for the latest period to be produced, it does result in revisions to the trend estimate series for the most recent months as additional observations become available. There may also be revision as a result of changes in the original data, and as a result of the reestimation of the seasonal factors.

Estimates at constant prices

18. The base year of constant price estimates of building approvals, contained in this issue has been changed from 1984-85 to 1989-90.

- 19. Periodic rebasing of constant price estimates is necessary to take account of changed price relativities and structural relationships in the economy. The choice of base year influences the movements in the constant price series, and the usefulness of such series is diminished if the relative price weights of the base year differ significantly from the price relationships in other periods included in this series. The more remote a base year is from the current period, the less likely that its relative prices will reflect the current situation.
- 20. A more detailed discussion of the need for rebasing constant price estimates and factors affecting the choice of base year, are contained in the information paper Change in Base Year of Constant Price Estimates from 1984-85 to 1989-90 (5227.0).
- 21. Estimates of the quarterly value of building approvals at average 1989-90 prices are presented for Victoria in Table 4. Monthly value data at constant prices are not available.
- 22. 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'.
- 23. 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).

Australian Standard Geographical Classification

- 24. Issues of this publication from July 1991 to June 1994 inclusive contain geographical division and nomenclature based on the *Australian Standard Geographical Classification* (ASGC) Edition 2.3 The 'Off shore areas and migratory' category has been excluded from all tables.
- 25. Following a review of statistical geographic boundaries undertaken by the ABS, the Shires of Cranbourne, Healesville and Pakenham, each formerly split into two Statistical Local Areas (SLAs), one in the Melbourne Statistical Division and one in the East Central Statistical Division, have each been amalgamated to one SLA, these being located fully in the Melbourne Statistical Division.

From 1 July 1991, the date of effect of these changes emanating from the review for building approval statistics, the only Local Government Area which is split into 2 SLAs, and transverses statistical division boundaries, is the Shire of Upper Yarra which is partly in the Melbourne Statistical Division and partly in the Gippsland Statistical Division.

- 26. As a result of an ongoing review of local government boundaries initiated by the Victorian Government, substantial alterations have been made to Statistical Local Areas and Statistical Subdivisons in Victoria in 1994. Changes resulting from the review of boundaries in the Geelong, Bendigo and Ballarat regions, together with changes resulting from the creation of the Shire of Surf Coast and the redefinition of the boundaries of the City of Melbourne have been effected in Edition 2.4 of the ASGC. New Statistical Local Areas have been included in the Barwon, Central Highlands and Loddon-Campaspe Statistical Divisions. Details of changes are provided in a listing enclosed with the July 1994 issue of this publication. Copies of this list are available from ABS Victoria on request.
- 27. These changes have been incorporated in Building Statistics from 1 July 1994. Tables 8 and 13 show the Statistical Local Areas, and Tables 9 and 12 show the Statistical Subdivisions. There have been no changes to Statistical Divisions boundaries as a result of these Local Government changes.

Unpublished data and related publications

- 28. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, manually-extracted tabulation. Generally, a charge is made for providing unpublished information.
- 29. Users may also wish to refer to the following building and construction publications which are available on request:

Building Approvals, Australia (8731.0) (monthly) (\$13.50)

Building Approvals, Victoria - Small Area Summary (8733,2) (annual) (\$8.50)

Dwelling Unit Commencements Reported xby Approving Authorities, Victoria (8741.2) (monthly) (\$11.00)

Building Activity, Australia: Dwelling Unit Commencements, Preliminary (8750.0) (quarterly) (\$11.00)

Building Activity, Australia (8752.0) (quarterly) (\$14.50)

Building Activity, Victoria (8752.2) (quarterly) (\$11.00)

Building, Victoria - (8710.2) (P.O.A.)

30. Current publications produced by the ABS are listed in the *Catalogue of Publications, 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. These are available from any ABS Office.

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- . not applicable
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STUART JACKSON

Deputy Commonwealth Statistician



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