

# **BUILDING APPROVALS**

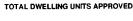
VICTORIA

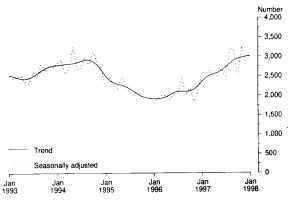
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#### MAIN FEATURES

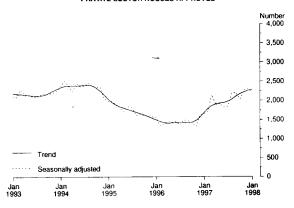
#### **NUMBER OF DWELLING UNITS APPROVED**

	January 1997	December 1997	January 1998	January 1997 to January 1998 change	December 1997 to January 1998 change
Original series Seasonally adjusted Trend estimate	2,113	2,830	2,439	15.4%	-13.8%
	2,593	2,835	3,088	19.1%	8.9%
	2,360	3,006	3,028	28.3%	0.7%





#### PRIVATE SECTOR HOUSES APPROVED



#### Residential building

- The trend for total dwelling units increased by 0.7% in January and has risen by 28.3% over the past year to be at its highest level since July 1989.
- The trend for private sector dwellings increased by 1.0% in January, to be 35.6 % higher than the level of a year ago.
- In original terms there were 2,439 dwellings approved, a fall of 13.8% from the previous month. There were 1,810 houses (down from 2,234) and 552 other residential dwellings (up from 531) in the total.
- In average 1989–90 prices the value of new residential building approved in the December quarter was \$901.0 million, an increase of 3.2% on the previous quarter and 49.8% more than the December quarter 1996.

### Non-residential building

- The value of non-residential building approved in January was \$234.1 million. Work was spread evenly amongst most building classes with Shops accounting for \$40.1 million.
- There were 11 building jobs valued at more than \$5 million each and 30 jobs valued at between \$1 million and \$5 million each.
- In average 1989–90 prices the value of non-residential building approved in the December quarter was \$1,139.8 million, the highest quarterly amount recorded since June 1994. This reflects the influence of the Docklands Stadium reported in December 1997.

#### **INQUIRIES**

- for more information about statistics in this publication and the availability of related unpublished statistics, contact Merv Leaker on Adelaide (08) 8237 7585 or any ABS State Office.
- for information about other ABS statistics and services please contact Information Services on Melbourne (03) 9615 7755, call at 485 La Trobe Street, Melbourne or write to Information Services, ABS, GPO Box 2796Y, Melbourne 3001.

#### RELIABILITY OF CONTEMPORARY TREND ESTIMATES

The tables below present trend estimates of selected building approvals series for the six months August 1997 to January 1998.

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 will tend to be larger with greater 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 19 and 20 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 which would result if the movements in the seasonally adjusted estimates for next month (February 1998) 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 sector houses approved (the first table) were to increase by 5% in February 1998, the trend estimate for that month would be 2,308, a movement of 0.7%. The monthly movements in the trend estimates for November and December 1997 and January 1998 which are currently estimated to be 2.2%, 1.7% and 1.0% respectively, would be revised to 2.3%, 1.7% and 1.5%. On the other hand, a 5% seasonally adjusted decline in the number of private sector houses approved in February 1998 would produce a trend estimate for that month of 2,205, a movement of –0.8%, with the movements in the trend estimates for November and December 1997 and January 1998, being revised to 1.6%, 0.6% and 0.1% respectively.

### NUMBER OF PRIVATE SECTOR HOUSES APPROVED RELIABILITY OF TREND ESTIMATES

			Revised trend estimate if February 1998 seasonally adjusted estimate							
	Trend	l estimate	is up 5% o	n January 1998	is down 5% on January 1998					
	No.	% change on previous month	No.	% change on previous month	No.	% change on previous month				
1997—										
August	2,036	2.8	2,035	2.8	2,040	3.0				
September	2,108	3.5	2,105	3.4	2,113	3.6				
October	2,172	3.0	2,171	3.2	2,175	2.9				
November	2,219	2.2	2,220	2.3	2,209	1.6				
December	2,257	1.7	2,259	1.7	2,223	0.6				
1998										
January	2,280	1.0	2,292	1.5	2,224	0.1				
February	n.y.a.	n.y.a.	2,308	0.7	2,205	-0.8				

# TOTAL NUMBER OF DWELLING UNITS APPROVED RELIABILITY OF TREND ESTIMATES

		Revised trend estimate if February 1998 seasonally adjusted estimate											
	Tren	d estimate	is up 8% o	n January 1998	is down 8% on January 1998								
	No.	% change on previous month	No.	% change on previous month	No.	% change on previous month							
1997—			;										
August	2,832	3.6	2,828	3.4	2,837	3.7							
September	2,909	2.7	2,902	2.6	2,918	2.9							
October	2,957	1.6	2,954	1.8	2,962	1.5							
November	2,986	1.0	2,994	1.4	2,973	0.4							
December	3,006	0.7	3,041	1.6	2,971	-0.1							
1998—													
January	3,028	0.7	3,098	1.9	2,967	-0.2							
February	n.y.a.	n.y.a.	3,124	0.8	2,926	-1.4							

TABLE 1. DWELLING UNITS APPROVED

	<i>N</i>	ew houses		New other i	esidential build	lings			Total (a)	
Period	Private sector	Public sector	Total	Private sector	Public sector	Total	Conversions, etc.	Private sector	Public sector	Total
			MELBOU	RNE STATI	STICAL DIV	ISION (b	)			
994-95	17,816	307	18,123	3,100	581	3,681	1,330	22,240	894	23,134
1995-96	12,690	345	13,035	2,986	723	3,709	617	16,275	1,086	17,361
1996-97	13,708	136	13,844	5,940	311	6,251	1,189	20,783	501	21,284
1996-97					242	2 725	404	11 017	344	11,361
luly-January 1997-98	7,042	100	7,142	3,492	243	3,735	484	11,017	344	11,301
uly-January	11,132	163	11,295	3,665	252	3,917	552	15,348	416	15,764
1996—										
November	907	4	911	390	17	407	40	1,337	21	1,358
December	999	9	1,008	271	8	279	208	1,478	17	1,495
1997	010	22	052	(42	4	616	24	1,585	37	1,622
January	919	33	952	642 626	4 5	646 631	223	1,959	9	1,968
February	1,110	4 12	1,114 1,379	626 481		481	36	1,876	20	1,896
March April	1,367 1,396	20	1,379	427	36	463	76	1,898	57	1,955
-	1,469		1,469	494	23	517	70	2,033	23	2,056
May	1,324	_	1,324	420	4	424	300	2,000	48	2,048
June	1,519	3	1,522	479	35	514	25	2,023	38	2,061
July	1,679	3	1,682	789	75	864	55	2,522	79	2,601
August September	1,737	17	1,754	415	40	455	222	2,374	57	2,431
October	1,507	47	1,554	295	30	325	64	1,866	77	1,943
November	1,693	24	1,717	757	47	804	52	2,502	71	2,573
December	1,610	55	1,665	462	16	478	60	2,132	71	2,203
1998—				470	0	477	74	1,929	23	1,952
January	1,387	14	1,401	468	9	4//		1,727		
				VICT	TORIA					
1994-95	25,284	601	25,885	3,225	808	4,033	1,347	29,849	1,416	31,265
1995-96	18,425	464	18,889	3,218	937	4,155		22,277	1,430	23,707
1996-97	19,593	212	19,805	6,421	384	6,805	1,240	27,197	653	27,850
1996-97			40.405	2 701	299	4,090	522	14,651	446	15,097
July-January 1997-98	10,342	143	10,485	3,791	299	4,090	322			•
July-January	15,142	221	15,363	3,897	382	4,279	569	19,607	604	20,211
1996—					20	A(5	42	1 975	46	1,921
November	1,406	7	1,413	426	39	465 325		1,875 1,976	29	2,00
December	1,446	18	1,464	317	8	323	210	1,770		_,
1997—		22	1 209	674	16	690	25	2,064	49	2,113
January	1,365	33 10	1,398 1,619	665	7	672		2,499	17	2,51
February	1,609	10 12	1,907	512		512		2,436	20	2,45
March	1,895 1,926	29	1,955	454	48	502		2,459	78	2,53
April	2,004	11	2,015	561	26	587		2,639	37	2,67
May	1,817	7	1,824	438	4	442	302	2,513	55	2,56
June	2,050	3	2,053	513	39	552		2,590	42	2,63
July August	2,262	4	2,266	822	75	897		3,140	80	3,22
August September	2,379	34	2,413	445	79	524		3,049	113	3,16
October	2,190	58	2,248	315	54	369		2,569	112	2,68
November	2,300	39	2,339	783	71	854		3,137	110	3,24
December	2,173	61	2,234	502	29	53	1 65	2,740	90	2,83
1998—					2.5		, 77	2,382	57	2,43
January	1,788	22	1,810	517	35	55:	2 77	2,382	31	2,43

<sup>(</sup>a) Includes Conversions, etc. See paragraphs 11-13 of the Explanatory Notes. (b) As a result of minor changes to the Melbourne Statistical Division boundary, data for the periods prior to July 1995 are not strictly comparable to data for periods from July 1995 onwards.

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

							§ million)							
		Houses			idential bu			Total		Alterations and additions	Non-resi build		Total bu	ilding
Period	Private sector	Public sector	Total	Private sector	Public sector	Total	Private sector	Public sector	Total	to residential buildings	Private sector	Total	Private sector	Tota
		<del></del>		M	IELBOU	RNE ST	ATISTIC	AL DIVI	SION (a)	- Literatura		·		
1004.05	1 722 4	22.6	1.755.0	290.7	46.4	427.0	2,113.1	60.0	2 192 0	571.0	1.072.2	1 655 0	2 740 0	4.410
1994-95	1,732.4	23.5	1,755.9	380.7	46.4	427.0		69.8	2,182.9	571.9	1,072.3	1,655.8	3,749.0	4,410. 4,112.
1995-96	1,315.8	32.6	1,348.4	308.5	53.9	362.4	1,624.3	86.5	1,710.8	467.2 592.3	1,352.5	1,934.5	3,422.5 4,276.6	5,114.
1996-97	1,572.3	16.6	1,588.9	610.8	19.2	630.0	2,183.1	35.8	2,218.9	392.3	1,527.1	2,303.0	4,276.0	3,114.
1996-97														
July-January	794.4	12.1	806.6	349.3	14.7	364.0	1,143.7	26.8	1,170.6	301.5	897.1	1,202.1	2,327.3	2,674.
1997-98														
July-January	1,266.3	14.2	1,280.5	401.1	18.5	419.6	1,667.4	32.7	1,700.1	379.8	1,419.0	1,615.9	3,442.9	3,695.
1996—														
November	106.8	0.3	107.1	39.0	0.8	39.8	145.8	1.1	146.9	40.2	130.1	242.8	312.9	430.0
December	114.9	1.4	116.2	24.6	0.5	25.0	139.4	1.8	141.3	39.0	142.8	162.1	317.8	342.4
1997														
January	103.6	5.8	109.4	58.6	0.2	58.9	162.2	6.0	168.2	39.1	168.7	202.1	367.4	409.5
February	131.2	0.4	131.5	57.2	0.2	57.4	188.4	0.6	189.0	65.0	140.2	272.0	390.7	525.9
March	157.0	1.2	158.2	38.2		38.2	195.1	1.2	196.3	50.7	150.7	184.1	395.1	431.
April	162.8	2.9	165.7	36.6	2.9	39.5	199.4	5.8	205.2	51.8	129.6	156.8	378.5	413.9
May	171.8		171.8	70.1	1.2	71.3	241.9	1.2	243.2	49.0	106.4	136.6	395.2	428.8
June	155.1	_	155.1	59.4	0.2	59.5	214.5	0.2	214.6	74.2	103.0	351.4	389.8	640.2
July	177.4	0.2	177.6	39.5	1.8	41.3	216.9	1.9	218.9	51.1	132.1	176.2	398.9	446.2
August	185.8	0.2	186.0	67.8	7.2	75.0	253.7	7.4	261.1	54.2	122.8	142.0	429.4	457.3
September	198.5	1.3	199.8	40.6	2.5	43.1	239.1	3.8	242.9	68.5	173.5	192.1	478.1	503.6
October	175.7	4.2	179.9	27.6	2.8	30.4	203.3	7.0	210.3	69.0	180.0	238.3	444.2	517.6
November	191.4	2.1	193.4	100.3	2.9	103.2	291.7	4.9	296.6	49.1	195.8	213.6	533.8	559.3
December	182.1	5.1	187.3	50.0	1.0	50.9	232.1	6.1	238.2	43.6	440.7	450.6	713.7	732.3
<i>1998</i> — January	155.4	1.0	156.5	75.3	0.5	75.7	230.7	1.5	232.2	44.2	174.2	203.1	444.8	479.5
						V	ICTORIA	`						
				••••	40.0	440.5	2.772.2	101.0	2.074.0	685.1	1,274.7	1,975.2	4,717.5	5,534.3
1994-95	2,383.4	41.9	2,425.3	388.8	59.9	448.7	2,772.2	101.8 108.7	2,874.0 2,279.7	590.1	1,721.6	2,452.4	4,448.5	5,322.3
1995-96	1,845.2	42.2	1,887.4	325.9	66.4	392.3	2,171.1 2,793.3	46.6	2,839.9	728.5	1,879.7	2,839.8	5,366.9	6,408.2
1996-97	2,149.1	22.8	2,171.9	644.3	23.8	668.1	2,793.3	40.0	2,039.9	726.5	1,072.7	2,037.0	5,500.7	0, 100.2
1996-97	1.115.6	150	1 121 4	370.4	18.4	388.8	1,486.0	34.2	1,520.2	378.0	1,067.8	1,457.8	2,910.7	3,356.0
July-January	1,115.6	15.8	1,131.4	370.4	10.4	300.0	1,400.0	34.2	1,320.2	370.0	1,007.0	1,107.0	2,7	-,
1997-98 July-January	1,678.4	19.6	1,698.0	420.6	26.0	446.6	2,099.0	45.6	2,144.6	469.1	1,607.7	1,885.5	4,143.4	4,499.
1996														
November	155.3	0.5	155.8	41.6	2.3	43.8	196.9	2.8	199.7	52.1	157.7	286.5	402.7	538.3
December	159.2	2.3	161.5	27.7	0.5	28.2	186.9	2.8	189.7	49.4	177.7	221.6	409.5	460.
1997—								2 -			100.0	227.7	445 1	402
January	148.4	5.8	154.2		1.0	62.2	209.6	6.8	216.4	50.1	188.9	226.6	445.1	<b>493</b> . 677.
February	179.6	0.8	180.4		0.3	60.4	239.7	1.1	240.8	76.8	173.1	359.4	485.7 492.1	539.
March	209.8	1.2	211.0		_	40.0	249.8	1.2	251.0	63.1	180.8	225.1 237.0	517.3	562.
April	216.3	3.8	220.0		3.5	41.8	254.5	7.3	261.8	63.5 62.5	202.0 135.6	178.3	493.9	541.
May	224.1	0.9	225.0		1.4	76.2	298.9	2.2	301.1 265.0	84.6	120.3	382.1	467.1	731.
June	203.7	0.4	204.1		0.2	61.0	264.5	0.6 2.3	263.0	62.9	161.6	227.9	497.8	568.
July	233.4	0.2	233.5		2.2	44.3	275.5	2.3 7.7	323.7	65.7	159.5	184.5	539.1	573.
August	245.7	0.5	246.2		7.2	77.5	316,0	7.7	323.7	83.6	209.9	242.2	597.3	640.
September	264.7	2.5	267.3		4.6	47.5	307.6	9.2	283.0	84.4	204.8	279.2	554.6	646.
October	244.0		249.1		4.2	34.0	273.8	7.5	362.1	60.1	213.5	247.3	624.9	669.
November	252.7	3.3	256.0		4.2	106.1 54.6	354.6 293.5	7.3 7.9	301.4	55.6	456.7	470.2	800.2	827.
December	240.6	6.2	246.8	52.9	1.7	54.6	493.3	1.9	JU1. <b>4</b>	55.0	150.7		300.2	
1998	197.3	1.8	199.1	80.7	1.9	82.6	278.0	3.7	281.7	56.7	201.7	234.1	529.3	572.

<sup>(</sup>a) As a result of minor changes to the Melbourne Statistical Division boundary, data for the periods prior to July 1995 are not strictly comparable to data for periods from July 1995 onwards.

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

		Number of dwelling uni	ts (b)		Value (\$m	<i></i>
	Houses		Total		New	Alterations and additions
Period	Private sector	Total	Private sector	Total	residential building	to residential buildings
		SEASONALL	Y ADJUSTED			
1996—						40.4
November	1,323	1,327	1,823	1,858	197.6	49.4
December	1,610	1,625	2,060	2,100	195.2	54.4
1997		1.720	2.544	2,593	239.7	58.7
January	1,654	1,730	2,546	2,563	247.4	80.0
February	1,711	1,726	2,546	2,638	302.7	64.1
March	2,144	2,158	2,591	2,460	255.9	63.7
April	1,884	1,905	2,420	2,502	281.5	57.5
May	1,924	1,935	2,461	2,672	273.9	91.8
June	1,820	1,825	2,609	2,397	244.4	61.9
July	1,850	1,853	2,354	3,215	343.5	69.6
August	2,186	2,191	3,118	·	302.2	79.6
September	2,207	2,257	3,050	3,157	252.2	69.6
October	2,032	2,097	2,346	2,497	371.9	60.0
November	2,257	2,277	3,182	3,265	297.1	59.4
December	2,315	2,364	2,711	2,835	297.1	37.4
1998—	2,230	2,281	3,033	3,088	325.1	68.5
January	2,230			· · · · · · · · · · · · · · · · · · ·		
		TREND E	STIMATES	<u> </u>		
1996—			2.115	2,161	207.6	55.3
November	1,478	1,500	2,115	2,244	216.0	57.8
December	1,567	1,593	2,206	2,244	2.5.5	
1997—	1.000	1,710	2,325	2,360	232.1	60.9
January	1,682	1,817	2,426	2,461	249.5	64.:
February	1,789	1,889	2,487	2,523	263.4	66.
March	1,865	1,924	2,522	2,560	272.5	68.
April	1,909	1,938	2,549	2,594	277.0	69.
May	1,929	1,954	2,592	2,648	279.8	71.
June	1,945	1,994	2,662	2,735	284.2	72.
July	1,980	2,058	2,743	2,832	291.3	72.
August	2,036	2,038	2,807	2,909	300.1	70.
September	2,108	2,138	2,849	2,957	307.9	68.
October	2,172	2,264	2,878	2,986	314.2	66.
November	2,219	2,306	2,903	3,006	319.6	64.
December	2,257	2,300	2,703	-,		
1998—	2,280	2,331	2,931	3,028	324.0	64.
January	2,200	-,		- Evalenatory Notes		

<sup>(</sup>a) See paragraphs 17-24 of the Explanatory Notes. (b) Includes Conversions, etc. See paragraphs 11-13 of the Explanatory Notes.

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

		New residenti	al building		Alterations	Non-reside buildin		Total building		
	Houses		Other		and — additions			-		
Period Private sector		Total	residential buildings	Total	to residential buildings	Private sector	Total	Private sector	Total	
1994-95	2,220.4	2,259.3	544.0	2,803.3	638.0	1,564.4	2,423.6	4,960.2	5,864.9	
1995-96	1,692.9	1,731.6	465.7	2,197.3	541.2	2,072.3	2,951.9	4,745.1	5,690.4	
1996-97	1,960.3	1,981.1	781.2	2,762.3	664.5	2,219.5	3,350.5	5,663.8	6,777.4	
1996										
Sept. qtr.	443.2	448.4	228.2	676.7	146.2	465.8	618.0	1,286.1	1,440.9	
Dec. qtr.	441.2	445.0	156.3	601.4	153.6	580.6	847.5	1,338.4	1,602.5	
1997—										
Mar. qtr.	490.1	497.2	189.9	687.1	173.1	639.2	955.1	1,509.0	1,815.4	
June qtr.	585.8	590.4	206.7	797.2	191.6	533.9	929.8	1,530.3	1,918.6	
Sept. qtr.	676.6	679.5	193.4	872.9	193.0	612.7	755.4	1,676.2	1,821.4	
Dec. qtr.	667.6	680.7	220.3	901.0	181.2	1,000.5	1,139.8	2,068.8	2,222.0	

<sup>(</sup>a) Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.



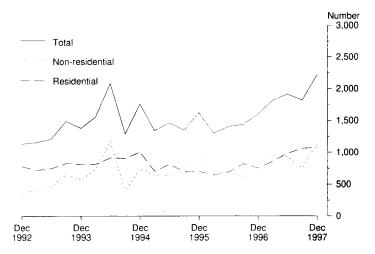


TABLE 5. VALUE OF BUILDING APPROVED, BY CLASS OF BUILDING AND OWNERSHIP

(\$ million) 1998 July-January 1997 Class of building 1995-96 1996-97 1996-97 1997-98 December November January PRIVATE SECTOR 1,845.2 2,149.1 1,115.6 1,678.4 240.6 197.3 252.7 New houses New other residential buildings 325.9 644.3 370.4 420.6 101.9 52.9 80.7 Total new residential building 2,171.1 2,793.3 1,486.0 2,099.0 354.6 293.5 278.0 Alterations and additions to 693.9 356.8 436.7 56.8 50.0 49.6 residential buildings 555.8 135.2 156.0 122.5 190.5 99.6 4.1 40.1 Hotels, etc. 20.6 11.5 27.1 188.0 256.1 365.0 372 9 Shops Factories 227.6 352.5 1877 153.7 24.4 16.6 329 277.7 155.7 193.2 15.4 38.4 20.8 301.0 Offices 14.2 34.3 183.9 212.3 26.1 265.1 336.3 Other business premises 9.6 4.3 Educational 58.7 6.1 80.6 72.7 42 6 7.5 15.4 9.7 11.5 3.4 0.4 1.0 Religious 68.6 127.6 54.5 67.4 3.2 3.3 17.1 Health 414.1 12.1 354.0 5.0 32.4 136.2 47.1 Entertainment and recreational 19.1 4.6 134.7 121.5 90.8 49.9 2.7 Miscellaneous 2017 1,721.6 1,879.7 1,067.8 1,607.7 213.5 456.7 Total non-residential building 2,910.7 4,143.4 624.9 800.2 529.3 4,448.5 5,366.9 Total PUBLIC SECTOR 1.8 42.2 22.8 15.8 19.6 3.3 6.2 New houses 26.0 4.2 1.7 1.9 23.8 18.4 New other residential buildings 66.4 7.5 7.9 3.7 34.2 45.6 Total new residential building 108.7 46.6 Alterations and additions to 32.4 3.3 5.5 7.2 21.1 34.6 34.3 residential buildings 0.1 1.2 1.7 0.5 0.1 Hotels, etc. 3.3 0.1 0.4 18.3 14.7 5.6 25.5 Shops 20.4 2.5 0.1 21.3 3.0 Factories 2.6 2.5 1.8 85.6 30.6 126.9 118.0 Offices 0.2 0.4 0.2 18.0 75.7 64.7 41 Other business premises 23.3 10.8 6.8 284.3 338.6 95.6 91.4 Educational Religious 0.8 98.1 14.2 14 130.2 105.4 68.0 Health 1.8 1.7 4.9 19.1 115.3 43.2 23.4 Entertainment and recreational 0.9 0.8 0.5 215.1 40.2 12.4 39.9 Miscellaneous 32.4 13.6 390.0 277.8 33.7 730.8 960.1 Total non-residential building 27.0 43.3 445.3 355.7 44.6 1,041.3 873.8 Total TOTAL 199.1 1,698.0 246.8 256.0 2,171.9 1,131.4 1,887.4 54.6 82.6 446.6 106.1 388.8 New other residential buildings 392.3 668.1 281.7 362.1 301.4 2,839.9 1,520.2 2,144.6 2,279.7 Total new residential building Alterations and additions to 55.6 56.7 469.1 60.1 378.0 728.5 590.1 residential buildings 40.1 99.6 42 123.1 190.7 136.4 157.7 Hotels, etc. 20.7 11.9 30.4 261.7 391.1 202.7 390.4 Shops 32.9 16.6 24 5 373.8 208.1 156.2 230.6 Factories 23.4 223.8 17.9 40.2 241.4 404.7 419.0 Offices 14.6 34.4 230.3 26.3 340.8 401.1 188.0 Other business premises 16.4 27.6 16.9 150 1 411.3 138.3 364.9 Educational 0.4 1.0 9.7 11.5 3.4 15.4 7.5 Religious 17.9 17.5 47 159.9 165.5 257.8 136.6 Health 433.3 17.0 355.8 6.7 55.8 251.5 90.2 Entertainment and recreational 19.6 5.4 174.6 336.6 131.0 62.3 3.6 Miscellaneous 470.2 234.1 1,885.5 247.3 2,839.8 1,457.8 2,452.4 Total non-residential building 572.6 827.2 6,408.2 4,499.1 669.5 3,356.0 5,322.3 Total

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

	\$50,000 t than \$20		\$200,000 than \$50		\$500,000 than \$		\$1m to than \$.		\$5m a over		Tota	ı
Period	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)
					HOTELS,	ETC.						
1997 November	4	0.3	3	1.0	2	1.5	3	6.7	2	90.0	14	99.6
December	9	0.7	_	-	2	1.2	2	2.4		_	13	4.2
1998 January	5	0.5	3	1.1	1	0.5	2	5.0	2	33.1	13	40.1
					SHOP							
1997 November	53	5.1	13	3.7	5	3.1	5	8.8	_	_	76	20.7
December	44	4.2	11	3.2	4	2.8	1	1.8		18.0	60 56	11.9 <b>30</b> .4
1998 January	43	3.8	7	2.2	2	1.2	2	5.3		18.0	30	
					FACTOR							
1997 November	30	3.1	14	4.6	7	4.7	7	12.1	_	_	58	24.5
December	30	3.2	25	6.5	5	3.0	2	3.8	1	13.1	62 <b>52</b>	16.6 32.9
1998 January	29	3.3	13	3.5	4	2.6	5	10.5				
					OFFICI							
1997 November	52	4.9	18	5.7	4	2.4	3	5.0		28.8	77 <b>6</b> 7	17.9 <b>40</b> .2
December	47 27	4.5 3.1	14 14	4.1 4.3	4 4	2.8 2.6	5	8.4	1	5.0	51	23.4
1998 January		3.1								3.0		
						S PREMISE:				10.0	(2	26.3
1997 November	44	4.4	10	2.9	3	2.0	<b>4</b> 2	7.0 2.3	1	10.0	62 55	26.3 14.6
December	31 15	2.9 1.6	13 14	3.8 4.6	9 8	5.6 5.4	8	17.1	1	5.7	46	34.4
1998 January	13	1.0		4.0					•			
				2.0	EDUCATIO	ONAL 1.4	6	10.7			32	16.9
1997 November	13 17	1.0 1.4	11 16	3.8 5.0	2	2.0	5	7.9		_	41	16.4
December 1998 January	20	1.4	12	4.7	1	0.9	3	6.1	2	14.0	38	27.6
1770 January										<del></del>		
1007 N	2	0.3	3	1.1	RELIGIO 1	0.5	1	1.5			7	3.4
1997 November December		U.3 —	2	0.4		<del>-</del>					2	0.4
1998 January	4	0.4	_	-	1	0.6		_			5	1.0
					HEAL	ГН						
1997 November	12	1.1	4	1.0	3	1.7	1	1.3	1	12.4	21	17.5
December	9	0.9	1	0.4	1	0.9	2	2.6	_	_	13	4.7
1998 January	5	0.5	2	0.5	4	2.9	3	4.6	1	9.5	15	17.9
			1	ENTERTAIN	NMENT AN	D RECREAT	TIONAL					
1997 November	14	1.7	9	2.5	1	0.5	3	5.3	1	7.0	28	17.0
December	6	0.7	3	0.9	2	1.4	1	1.9 2.6	1	351.0	13 17	355.8 6.7
1998 January	9	1.1	2	0.6	4	2.4	2	2.6				
			.,		MISCELLA						12	3.6
1997 November	6	0.5	4	1.3	1	0.8	1	1.1 1.3		_	23	5.4
December	13	1.3	7 7	1.7 2.1	2	1.1	1	1.3	1	16.5	19	19.6
1998 January	11	1.0										
						NTIAL BUIL		60.2		119.4	387	247.3
1997 November	230	22.5	89	27.5	29	18.5	34 16	59.3 24.0	5 3	119.4 379.8	387 349	470.2
December	206	19.8	92 74	26.0 23.6	32 29	20.7 19.0	30	59.6	11	114.9	312	234.1
1998 January	168	17.2	74	23.0	27	17.0						

TABLE 7. NUMBER AND VALUE OF NEW DWELLING UNITS (a) APPROVED BY MATERIAL OF OUTER WALLS, JANUARY 1998

	Private sector	•	Public sector		Total	
Particulars	Number	Value (\$'000)	Number	Value (\$'000)	Number	Value ( <b>\$</b> '000)
	MELE	OURNE STATIST	ICAL DIVISION (b	)		
Houses —						
Brick, stone or concrete	28	3,780	1	78	29	3,858
Brick-veneer	1,130	124,486	8	570	1,138	125,056
Timber	98	11,269	_	_	98	11,269
Fibre cement	4	482	_	_	4	482
Steel, aluminium or					44	5,464
other materials	44	5,464	5	393	88	10,325
Not stated	83	9,932	3	393	86	10,323
Total houses	1,387	155,412	14	1,041	1,401	156,453
Other residential buildings	468	75,260	. 9	480	<b>4</b> 77	75,740
Total residential buildings	1,855	230,672	23	1,521	1,878	232,193
		REST OF VIC	TORIA (b)			
Houses —						
Brick, stone or concrete	29	2,949	_	-	29	2,949
Brick-veneer	276	30,554	6	620	282	31,173
Timber	43	3,312			43	3,312
Fibre cement	7	396			7	396
Steel, aluminium or					14	1,461
other materials	14	1,461			14 34	3,401
Not stated	32	3,234	2	167	34	3,401
Total houses	401	41,905	8	786	409	42,692
Other residential buildings	49	5,429	26	1,425	75	6,854
Total residential buildings	450	47,334	34	2,211	484	49,545
		TOTAL VIO	CTORIA			<u></u>
Houses — Brick, stone or concrete	57	6,729	1	78	58	6,807
Brick-veneer	1,406	155,040	14	1,190	1,420	156,229
Timber	141	14,581		_	141	14,581
Fibre cement	11	877		_	11	877
Steel, aluminium or					58	6,925
other materials	58	6,925			122	13,726
Not stated	115	13,166	7	560	122	15,720
Total houses	1,788	197,317	22	1,828	1,810	199,142
Other residential buildings	517	80,689	35	1,905	552	82,594
Total residential buildings	2,305	278,006	57	3,733	2,362	281,739

<sup>(</sup>a) Excludes Conversions, etc. (b) For details of changes to Statistical Divisions, please refer to paragraphs 28-30 of the Explanatory Notes.

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JANUARY 1998

		Nev	v residentia	ıl buildings	<i>(b)</i>		44	Non-resi buildii		
		Houses		Other r	esidential bu	ildings	Alterations and			
Statistical Local Area	Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$'000)	additions to residential buildings (\$'000)	Private sector (\$'000)	Total (\$'000)	Total building (\$'000)
		MELBO	OURNE S	TATISTIC	AL DIVIS	ION				
Banyule (C)										
Heidelberg	17	_	2,094				1,183	3,030	3,030	6,307
North	16		1,739				311	370	370	2,420
Total	33		3,833			_	1,493	3,400	3,400	8,727
Bayside (C) Brighton	9		1,688	24		4,600	1,333	150	150	7,772
South	26	_	3,280	3		263	1,615	- 150	150	5,157
Total	35		4,968	27		4,863	2,948	150	150	12,929
Boroondara (C)			.,			.,	_,,			,,
Camberwell North	7		3,036	5		550	701	150	250	4,537
Camberwell South	4	_	705	_	_		1,299		_	2,004
Hawthorn	4		655	3	_	500	1,299	295	295	2,748
Kew	5	*******	615	3		300	1,140	260	260	2,315
Total	20	_	5,011	11	_	1,350	4,438	705	805	11,604
Brimbank (C)	58	1	6.057	4		264	150	790	790	7,271
Keilor Sunshine	20	1	6,057 2,231	4	_	20 <del>4</del> 194	159 134	29,124	29,124	31,682
Total	78		8,288	<i>7</i>	_	458	293	29,914	29,914	38,952
Cardinia (S)	70	1	0,200	,		450	4/3	27,717	27,717	30,732
North	9		1,064				177		-	1,241
Pakenham	4		439				240			679
South	2	_	188	_	******		45	_		233
Total	15		1,691		-		462	_		2,153
Casey (C)							27.1	400	460	12 41 4
Berwick	115	_	12,680		-	_	274	400	460	13,414
Cranbourne	23	_	1,764		_		290 167	907 160	907 160	2,961 1,709
Hallam South	12	_	1,382	_	_	_	52	150	150	202
Total	150	_	15,826	_	_		782	1,617	1,677	18,286
Darebin (C)	150		10,020					•	•	,
Northcote	4	1	391	6		570	578	300	3,300	4,839
Preston	8		1,074	13		887	1,484	102	102	3,546
Total	12	1	1,465	19	_	1,457	2,062	402	3,402	8,386
Frankston (C)				_			150	( 1(0	( 1(0	0.500
East	31		2,862	2		120	156 281	6,460 920	6,460 2,520	9,598 4,826
West	20		2,024		_	120	437	7,380	8,980	14,423
Total Glen Eira (C)	51	_	4,886	2	_	120	737	7,500	0,700	14,423
Caulfield	16		2,407	11		800	1,654	900	9,000	13,861
South	10		1,129	7	_	620	1,017	1,070	1,070	3,836
Total	26		3,537	18	_	1,420	2,671	1,970	10,070	17,697
Greater Dandenong (C)										
Dandenong	14	_	1,291		_	_	254	895	895	2,440
Balance	13	_	1,397	14	9	1,275	511	700	700	3,883
Total	27		2,688	14	9	1,275	765	1,595	1,595	6,323
Hobsons Bay (C)	57		5,600	4		219	231	2,767	2,767	8,816
Altona	57 10		1,316	4		420	1,177	200	200	3,113
Williamstown Total	67		6,916	8	_	639	1,408	2,967	2,967	11,929
Hume (C)	07		0,710	0		00,	-,,,,,	-,	,	
Broadmeadows	10		1,026	_			370	3,585	3,585	4,980
Craigieburn	28	_	3,712	<u>.</u>			159	460	460	4,331
Sunbury	20		2,231		_		68	499	749	3,048
Total	58	_	6,968	_		_	597	4,544	4,794	12,359
Kingston (C)	_					201	1 101	10.101	10 101	22.21.
North	31		2,009	15		984	1,101	18,121	18,121	22,214
South	22	_	2,614	8	_	700	497 1 508	18,121	18,121	3,811 26,026
Total	53		4,623	23	*****	1,684	1,598	10,121	10,121	20,020

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JANUARY 1998—continued

		New	residentia	ıl buildings	(b)		416	Non-resid building		
		Houses		Other r	esidential bu	ildings	Alterations and			
Statistical Local Area	Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$'000)	additions to residential buildings (\$'000)	Private sector (\$'000)	Total (\$'000)	Total building (\$'000)
	M	ELBOURN	E STATI	STICAL D	IVISION -	— continued				
Knox (C)		• • • • • • • • • • • • • • • • • • • •				- 40	(00	7.600	0.160	15.040
North	52	_	5,466	12		743	680	7,680	8,160	15,049
South	50		5,764	4		400	140	1,565	1,565	7,869
Total	102	_	11,230	16		1,143	820	9,245	9,725	22,918
Manningham (C)	0		1 125				160		800	2,095
East	8	_	1,135	1.5	_	1 422	160	7 220		2,093 14,914
West	34	_	5,182	15		1,423	982	7,328	7,328	
Total	42	_	6,317	15	_	1,423	1,142	7,328	8,128	17,010
Maribymong (C)	23	8	2,684	7		730	792	1,349	1,349	5,555
Maroondah (C)							400			4 007
Croydon	35	_	3,264	6		180	408	1,135	1,135	4,987
Ringwood	20		2,099	2	_	130	661	316	316	3,206
Total	55	_	5,363	8		310	1,069	1,451	1,451	8,193
Melbourne (C)										
Inner			_	_			70	9,730	9,780	9,850
Remainder	4	-	531	127	-	42,237	2,550	33,356	35,575	80,893
Total	4	_	531	127	_	42,237	2,620	43,085	45,355	90,743
Melton (S)					·					
East	33		3,714			_	61		500	4,275
Balance	13	_	1,466	_	-		50	640	740	2,256
Total	46		5,179	_			111	1,140	1,240	6,530
Monash (C)										
South-West	18		1,242	11	_	702	549	495	8,045	10,538
Waverley East	1	_	163	_	_	_	260			424
Waverley West	20		2,520				332	2,610	3,277	6,130
Total	39		3,926	11	_	702	1,141	3,105	11,322	17,091
Moonee Valley (C)			•,							
Essendon	10		1,269	60		5,490	2,107	190	490	9,355
West	9		775	8		592	395	57	57	1,819
Total	19	_	2,044	68		6.082	2,501	247	547	11,174
	17		2,017	00		3,332	•			
Moreland (C)	4		636	13		665	851	200	200	2,352
Brunswick	16	_	1,679	4		290	836	120	120	2,925
Coburg	17	_	1,354	8	_	480	759		250	2,842
North	37	_	3,669	25		1,435	2,446	320	570	8,120
Total	37	_	3,009	23		1,433	2,			
Mornington Peninsula (S)	17	4	2,130		_	_	318	500	500	2,948
East	47		5,330				1,156	319	319	6,805
South			5,168				767	133	133	6,068
West	. 49		12,628				2,240	952	952	15,821
Total	113	4	12,020				_,			
Nillumbik (S)	1.1		1,697				525			2,222
South	11	_				_	322	1,090	1,090	4,039
South-West	18		2,627		_		231	58	58	339
Balance	1		50				1,078	1,148	1,148	6,600
Total	30		4,374	_	_		1,070	1,1 10	1,1.0	-,
Port Phillip (C)			1 200			455	1,320	2,000	2,000	4,984
St Kilda	10		1,209				615	5,510	5,580	6,851
West	1		180			476 931	1,935	7,510	7,580	11,833
Total	11		1,389	7	_	931	1,733	7,510	,,,,,,,,,,	11,000
Stonnington (C)						2.262	1,327	520	3,780	9,021
Prahan	1		650			3,263		1,060	1,060	5,656
Malvern	8		2,085	. 4		904	1,607	1,580	4,840	14,677
Total	ç	_	2,735	i 15		4,167	2,934	1,500	4,040	17,0//
Whitehorse (C)							510	10.500	10,500	11,855
Box Hill	9		835	· —		-	519	10,500	630	1,756
Nunawading East	$\epsilon$		586			375	165	630	50	3,988
Nunawading West	21		2,784			651	503	50		3,980 17,599
Total	36	· —	4,200	5 16	<u> </u>	1,026	1,187	11,180	11,180	1/,39

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JANUARY 1998—continued

		Ne	w residentia	ıl buildings	(b)			Non-res buildi		
		Houses		Other r	esidential bu	ildings	Alterations and			
Statistical Local Area	Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$'000)	additions to residential buildings (\$'000)	Private sector (\$'000)	Total (\$ '000)	Total building (\$'000)
	MI	ELBOURN	E STATI	STICAL D	IVISION -	— continued				
Whittlesea (C)										
North	9	_	1,178				60	120	120	1,358
South	60		5,808	4		270	220	380	380	6,678
Total	69		6,986	4	_	270	280	500	500	8,036
Wyndham (C)										
North-East	2		239	_		_	37		_	276
Werribee	54	_	5,150	5		250	303	310	310	6,013
Balance	8		830	_			121	6,255	6,255	7,207
Total	64	_	6,219	5		250	462	6,565	6,565	13,496
Yarra (C)	01		0,217	,		-50	.02	0,000	0,505	, . , 0
North		_		10		1,220	589	3,887	3,887	5,696
Richmond	2		275	5		550	299	210	210	1,334
Total	2		275	15		1,770	888	4,097	4,097	7,030
= ***	2		213	13	_	1,770	000	4,077	7,077	7,030
Yarra Ranges (S) — Pt A (d)							50			50
Central		_	100					77	77	289
North	2		198				14		77 563	
South-West	59		5,799	_			549	562	562	6,910
Total	61		5,996	_			614	639	639	7,249
Melbourne (SD)	1,387	14	156,453	468	9	75,740	44,215	174,206	203,063	479,471
		BAR	WON STA	ATISTICA	L DIVISIO	N				
Colac-Otway (S)					<del></del>					
Colac				_			113		_	113
North						_	28			28
South	3		185				54	_	_	239
Total	3		185				196			381
Golden Plains (S)	,		100				• , ,			
North-West	1		119				70	_		189
	3		287				-	135	135	422
South-East	4		406	-			70	135	135	611
Total	4	_	400	_	_	<del></del>	70	133	133	011
Greater Geelong (C)										
Part A	1.4		1 422				189			1,612
Bellarine — Inner	14	_	1,422	2		 596	348	4,103	4,103	6,338
Corio — Inner	14	_	1,291					1,929	1,929	2,720
Geelong	4		250	2		100	441	1,929	1,749	2,720 871
Geelong West	6		590	_		_	281		-	
Newtown	2		188		_		263			450
South Barwon — Inner	18		2,060	2		195	782	500	900	3,938
Part B	18		2,002		_	_	256		_	2,258
Part C				_			25			25
Total	76	_	7,803	6	8	891	2,561	6,531	6,931	18,186
Queenscliffe (B)	2		220	_			32			252
Surf Coast (S)										
East	12	_	1,114		_	_	52		_	1,166
West	8	_	779	4	_	450	958		_	2,187
Total	20	_	1,893	4	_	450	1,010	_		3,353
10141										

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JANUARY 1998—continued

		Nen	residentia	ıl buildings (	Ъ)		41	Non-resid buildin		
		Houses		Other re	sidential 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 (\$'000)	Private sector (\$'000)	Total (\$'000)	Total building (\$'000)
		WESTERN	DISTRI	CT STATI	STICAL D	IVISION				
Corangamite (S)										
North	1		130				142	_		272
South	3		277	_	_	_	40	357	357	674
Total	4		407	_			182	357	357	946
Glenelg (S)										
Heywood						_	12	50	50	62
						_			50	50
North	4		450		_		214	_	_	665
Portland				_			226	50	100	777
Total	4	_	450	_	_	_	220	50	100	///
Moyne (S)										
North-East	_			_	-					90
North-West	-			_	_			80	80	80
South	3		198	_			114	50	50	362
Total	3		198	_	_		114	130	130	442
Southern Grampians (S)										
Hamilton	1		180		_	_	62		_	242
Wannon	_			_		_		76	76	76
Balance		_					20	_		20
Total	1		180		_	_	82	76	76	338
	16		1,845	_			548	185	650	3,044
Warrnambool (C)	10		1,043	_			J-10		-	5,511
Lady Julia Percy Island	Name of the last o		_	_	_	_	_			
Western District (SD)	28		3,081				1,153	798	1,313	5,547
	C	ENTRAL F	HIGHLA	NDS STAT	TISTICAL	DIVISION				
Ararat (RC)							91	150	150	241
Ballarat (C)										
Central	12	_	1,560	18		1,559	569	80	260	3,948
Inner North	6		597	_	_		445			1,042
North			_		_				_	
South	5		585	_	_		113	538	538	1,236
Total	23		2,742	18	_	1,559	1,126	618	<i>798</i>	6,225
	23		-,,			•				
Hepburn (S)	4		260				150		60	470
East	-	2	244				54			298
West		2		_			204		60	768
Total	4	2	504	_		_	207			
Moorabool (S)	_		00.5				147		_	1,042
Bacchus Marsh	5	_	895	_					_	1,072
Ballan					_			_		07
West	1	_	87		_			_	-	87
Total	6	_	982	_	_		147	_		1,129
Pyrenees (S)							_			
	1		60		_	_	120			180
North						_	20	80	80	100
North South	_									
North South <i>Total</i>			60		_	_	140	80	80	280

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JANUARY 1998—continued

		Nev	v residentia	ıl huildings	(b)			Non-resi buildin		
		Houses		Other r	esidential hu	ildings	Alterations and			
Statistical Local Area	Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$'000)	additions to residential buildings (\$'000)	Private sector (\$'000)	Total (\$'000)	Total building (\$'000)
		WIMN	IERA ST	ATISTICA	AL DIVISIO	ON				
Hindmarsh (S)	1		87	2		173				260
Horsham (RC)										
Central	1	_	97				55	200	200	352
Balance	1		186	_		_	35		_	221
Total .	2	_	283	_			90	200	200	573
Northern Grampians (S)										
St Arnaud							15			15
Stawell	8	_	642				_	60	60	702
Total	8		642	_		_	15	60	60	717
West Wimmera (S)		_			_		25	_		25
Yarriambiack (S)										
North		_	-		_	_	_			
South	1		143	_					100	243
Total	Ī		143	_		_		_	100	243
Wimmera (SD)	12	_	1,154	2		173	130	260	360	1,817
		MAI	LLEE ST	ATISTICA	L DIVISIO	)N				
Buloke (S)										
North	1		60				11			71
South		_		_			28		_	28
Total	1		60		_	_	39			99
Gannawarra (S)	2		245	-		_	119	_	_	364
Mildura (RC)										
Pt A	14	2	1,269	10		1,200	111	2,524	2,877	5,458
Pt B	1	_	54	_	_	_	_	_		54
Total	15	2	1,323	10	_	1,200	111	2,524	2,877	5,512
Swan Hill (RC)										
Central	1		127			_				127
Robinvale	1	_	200				_		_	200
Balance	-		_	_		_				_
Total	2	_	327	-	****			_	_	327
Mallee (SD)	20	2	1,955	10	_	1,200	269	2,524	2,877	6,301

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JANUARY 1998—continued

		Nev	v residentia	ıl buildings	(b)			Non-residential building (c)		
	<u> </u>	Houses		Other r	esidential bu	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)
		LOD	DON ST	ATISTICA	L DIVISIO	N				
Central Goldfields (S)				•	-					
Maryborough				_	_		201			201
Balance	1		29	_	_	_	80	_	_	109
Total	1	_	29		_	_	281		_	310
Greater Bendigo (C)										
Part A										
Central	4		454				160	297	297	911
Eaglehawk			_		_	_	20	83	83	103
Inner East	1		139	_			98	126	126	363
Inner North	4		558			_	13	_	_	571
Inner West	5	_	523	_			104	_	_	627
Strathfieldsaye	2		223	_		_		250	250	473
Part B	1	_	28	_			83	55	55	166
Total	17	_	1,927	_			477	811	811	3,215
Loddon (S)										
North	_		_	_			_	412	412	412
South	_		_	_	_					
Total	_		_	_	_		_	412	412	412
Macedon Ranges (S)										
Kyneton	2		200		_		116	939	939	1,255
Romsey	4		603	_			41		_	644
Balance	10		1,074				268	541	721	2,062
Total	16		1,877			_	425	1,480	1,660	3,962
Mount Alexander (S)										
Castlemaine	2		160	_	_	_	79	_	_	239
Balance	1	_	110		_		46			156
Total	3	_	270	_	_		125		_	395
Loddon-Campaspe (SD)	37		4,103		_		1,308	2,703	2,883	8,293

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JANUARY 1998—continued

		New	residentia	ıl buildings (	Ъ)		Alterations -	Non-resid buildin		
		Houses		Other re	esidential bui	ildings	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)
		GOUL	BURN S	TATISTIC	AL DIVIS	ION				
Campaspe (S)	<del></del> -									
Echuca	3	2	459	_	_	_	12	292	292	763
Kyabram	1	_	143		_		176	_		319
Rochester	1	_	150	_	_		10	_		160
South	1	_	126	_	_	_	100	202	202	126
Total	6	2	<i>878</i>				198	292	292	1,368
Delatite (S)							1.50			214
Benalla	1	_	62	_	_		152	_	<del></del>	214
North	1		150	_	_		95			245
South	2	_	98	7		1,500	13	650	650	2,261
Total	4	_	310	7		1,500	260	650	650	2,720
Greater Shepparton (C)							400	100	100	1 907
Part A	12	-	1,298				409	100	100	1,807
Part B	_									262
East	2	_	263	_			1.5	270	270	263 387
West	1	_	102				15	270		
Total	15	_	1,663	_	_	_	424	370	370	2,457
Mitchell (S)							-			00
North	1	_	80	_	_	_		70	70	80
South	6	_	734	_	_		63	70	70	867
Total	7	_	814	_	_	_	63	70	70	947
Moira (S)							25			474
East	4		437	_	_		37	260	-	474
West	9		1,015		_		149	260	619	1,783
Total	13		1,452		_		186	260	619	2,257
Murrindindi (S)										40.4
East	4		259		_		145	_		404
West	1		71	_	_		232		_	303
Total	5	_	330		_		377		_	707
Strathbogie (S)	1		221	-		_	_	_		221
Goulburn (SD)	51	2	5,668	7	_	1,500	1,509	1,642	2,001	10,677
		OVENS-N	MURRAY	STATIST	CICAL DIV	ISION				
Alpine (S)								2.000	2.000	2.516
East	5		483	_	_		32	3,000	3,000	3,515
West			_		_		15	150	150	165
Total	5	_	483	_	_	_	47	3,150	3,150	3,680
Indigo (S)										226
Part A	3		266	_	-	_	72			338
Part B		_			_	_	14			14
Total	3		266	_		-	86	_	_	352
Wangaratta (RC)								00	00	320
Central	i		97		_		143	80	80	
North	2		193	_			11	_	_	204
South			_		_	_				52.
Total	3	-	290	_	_	_	154	80	80	32.
Towong (S)										4
Part A	_		_	_	_	_	45			4:
Part B	_				· —	_			_	4.
Total				:		980	45 138	5,108	5,108	
							118	1 11/5	, IUA	7.00
Wodonga (RC)	24	-	2,838	,	- 18 - <b>18</b>	980	470	8,338	8,338	

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JANUARY 1998—continued

		New	residentic	al buildings	(b)		41	Non-residential building (c)		
		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 (\$'000)	Private sector (\$'000)	Total (\$^000)	Total building (\$'000)
		EAST GII	PSLAN	D STATIS	TICAL DI	VISION				
East Gippsland (S)										1 207
Bairnsdale	12	_	1,124			_	103	80	80	1,307
Orbost	2		156		_		166	-		322
South-West	1	_	70	_		-		_		70
Balance	1	_	55	_			10		_	65
Total	16	_	1,406			_	279	80	80	1,765
Wellington (S)	•		-,							
					_		17	_	_	17
Alberton					-		11			11
Avon	3	_	555		_	_	17	_		572
Maffra	4	_	237	_			316	_		553
Rosedale			314				104			418
Sale	1						465		_	1,571
Total	8	2	1,106			<del></del>	403			
East Gippsland (SD)	24	2	2,512				744	80	80	3,335
		GIPPS	SLAND S	TATISTIC	CAL DIVIS	ION				
Bass Coast (S)							65	80	80	697
Phillip Island	9		552					80		981
Balance	4		540			_	441	80	80	1,678
Total	13		1,092				506	80	00	1,070
Baw Baw (S)										72
Part A						_	72		-	72
Part B										200
East	2		220			_	12	70	70	302
West	20		2,547				38	570	570	3,154
Total	22		2,766		_	_	122	640	640	3,528
			_,							
La Trobe (S)	1		74				283	1,700	1,700	2,057
Moe	4		584				116	1,090	1,090	1,789
Morwell	4		395				129		1,400	1,924
Traralgon	1		85			_	12	_	_	97
Balance	10		1,138			_	539	2,790	4,190	5,868
Total (C)	70		1,130	,						
South Gippsland (S)	-	,	400				91	165	165	656
Central	7		100		_		44	_	_	144
East	2					100	30			180
West	1		50			100	165	165	165	980
Total	10	) —	550	, 4	_	100		_		
Yarra Ranges (S) — Pt B (d)	_		_				_		_	_
Bass Strait Islands	_	-				_				
French Island	-		_	_	- –	_	_			
Yallourn Works Area		_	_							
Gippsland (SD)	55	5 —	5,54	7 :		100	1,332	3,675	5,075	12,054
		·		VICTORI	Α					
¥7*-4	1,78	R 22	199,14	5 51	 7 35	82,594	56,731	201,740	234,143	572,613
Victoria	1,/8	- 22	177,17			- 7-	<del></del>		Dataile rel	

<sup>(</sup>a) For details of changes to Statistical Local Areas, please refer to paragraphs 28-30 of the Explanatory Notes. (b) Excludes Conversions, etc. (c) Details relating to individual classes of building are available on request. (d) The Shire of Yarra Ranges comprises four Statistical Local Areas (SLA). Three of these are included in the Melbourne Statistical Division and one is included in the Gippsland Statistical Divisions.

TABLE 9. BUILDING APPROVALS BY SELECTED STATISTICAL SUBDIVISIONS (a), JANUARY 1998

		Nes	v residentio	ıl buildings	(b)			Non-resi buildii		
		Houses		Ot	her residenti buildings	al	Alterations and additions to	• <u></u>		
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)
	GREATER	GEELONG	CITY PA	RT A STAT	ISTICAL SI	JBDIVISION				
Greater Geelong (C) —										
— Bellarine — Inner	14	_	1,422	_		*****	189	_	_	1,61
Corio Inner	14	_	1,291	2	8	596	348	4,103	4,103	6,33
— Geelong	4		250	2		100	441	1,929	1,929	2,72
— Geelong West  — Newtown	6	_	590	_	-	_	281		_	87
Newtown South Barwon Inner	2	_	188	_			263			45
	18	_	2,060	2		195	782	500	900	3,93
Greater Geelong City Part A (SSD)	58		5,801	6	8	891	2,304	6,531	6,931	15,92
	E	ALLARAT	CITY STA	TISTICAL	SUBDIVISI	ON				
Ballarat (C) — — Central	12		1,560	18		1,559	569	90	240	2 04
— Inner North	6	_	597	10	_	1,339	369 445	80	260	3,94
— North	_		J91		_		443	_	_	1,042
South	5		585		_		113	538	538	1,230
Ballarat City (SSD)	23	_	2,742	18	_	1,559	1,126	618	798	6,225
	MII DUD	A DIDAL (	TITY DAD	r a statis	TICAL SUI	DIVICION				
Mildura (RC) — Pt A	14	2	1,269	10	————	1,200	111	2,524	2,877	5,458
Mildura Rural City Part A (SSD)	14	2	1,269	10		1,200	111	2,524	2,877	
omitudia Rurai City Fart A (00D)						-		2,324	2,8//	5,458
Greater Bendigo (C) —	GREATER	BENDIGO	CITY PAF	RT A STAT	STICAL SU	BDIVISION				
— Central	4	_	454				160	297	297	911
Eaglehawk		_				_	20	83	83	103
— Inner East	1		139	_	_	_	98	126	126	363
Inner North	4	_	558			_	13			571
Inner West	5		523		_		104			627
Strathfieldsaye	2	_	223			_	_	250	250	473
Greater Bendigo City Part A (SSD)	16		1,898	_		_	394	756	756	3,049
• • • • • • • • • • • • • • • • • • • •	GREATER S	HEPPARTO	ON CITY PA	ART A STA	TISTICAL	SUBDIVISIO	N			
Greater Shepparton (C) Pt A	12		1,298				409	100	100	1,807
Shepparton City Part A (SSD)	12	_	1,298	_		_	409	100	100	1,807
		WODONO	SA STATIS	STICAL SU	BDIVISION					
Indigo (S) — Pt A	3		266				72			338
Towong (S) — Pt A	_			_	_	-	45			45
Wodonga (RC)	24	_	2,838		18	980	138	5,108	5,108	9,064
Wodonga (SSD)	27	_	3,104	<del></del>	18	980	255	5,108	5,108	9,447
	T A	TRORE VA	LLEY ST	ATISTICAL	SUBDIVIS	ION				
Baw Baw (S) — Pt A		- TROBE VA								
La Trobe (S) —										
Moe	1	_	74	_	_	_	283	1,700	1,700	2,057
Morwell	4	-	584	_	_		116	1,090	1,090	1,789
— Traralgon	4	_	395		_	_	129	_	1,400	1,924
— Balance Yallourn Works Area	_	_	_			_	_		_	_
	_									
a Trobe Valley (SSD)	10		1,138	_		_	611	2,790	4,190	5,940

<sup>(</sup>a) For details of changes to Statistical Local Areas and Statistical Subdivisions, please refer to paragraphs 28-30 of the Explanatory Notes. (b) Excludes Conversions, etc. (c) Details relating to individual classes of building are available on request.

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

Entertainment and Other recreati-Miscel-Educabusiness Hotels Health onallaneous Total Offices tional Religious Shops **Factories** premises Period MELBOURNE STATISTICAL DIVISION 84,398 208,521 85,198 1,655,767 10,880 186,075 231,103 314,547 180,794 326,322 27,930 1994-95 100,765 1,934,508 77,392 222,735 379,055 282,968 308,468 6,152 150,986 119,585 286,401 1995-96 13,059 175,611 64,177 284,155 2,302,962 322,293 351,294 147,318 325,549 265,862 353,644 1996-97 85,367 11,989 24,364 242.849 850 26,198 11.862 16,216 35,327 14,006 16,670 1996 November 11,645 162,124 8,044 3,487 15,935 11,918 800 18,479 26,752 December 17,956 47,108 4,409 42,560 202,114 9.895 21,519 31,349 18,936 3,907 34.372 18,722 16,445 1997 January 2,240 213,628 15,575 846 2,972 15,715 23,008 17 009 97,940 19,005 19.316 November 2,043 355,612 4,365 450,555 13,953 435 9,898 13,713 39,433 9,968 1.135 December 5,603 17,927 203,063 912 13,345 23.944 24,325 21,287 30.399 28,278 37,042 1998 January BARWON STATISTICAL DIVISION 88,270 797 1,334 8.698 9,922 6,010 28,427 685 10.028 11,770 10,598 1994-95 95,471 179 9,806 5,190 2 627 13,382 12.502 1,550 20,026 23,299 6,910 1995-96 3,706 2,140 83,466 12,552 329 14,978 12,791 5,078 7,655 22,431 1,806 1996-97 4,122 95 307 2,100 233 62 1.325 1996 November 698 1,216 8,306 1 925 378 1,125 55 1,929 979 December 3,365 80 698 120 277 1.390 330 250 220 1997 January 13,347 12,378 260 295 414 November 155 2,224 510 989 510 60 December 135 7,066 1,575 1.332 3,570 353 100 1998 January WESTERN DISTRICT STATISTICAL DIVISION 18,651 2,632 105 1,000 2.350 1,558 2,609 2,313 3,908 2.075 100 1994-95 37,975 2.802 10,786 984 159 5.471 3,389 7,189 2,440 913 1995-96 3.842 41,208 819 3,001 4,648 2,578 3,825 512 273 22,669 2.742 1996-97 140 4,977 3,977 235 150 326 129 160 1996 November 245 1,590 135 620 428 112 50 December 7,979 130 160 139 7,250 300 1997 January 1,143 190 220 203 80 65 November 385 200 200 December 50 180 1.313 76 185 465 57 300 1998 January CENTRAL HIGHLANDS STATISTICAL DIVISION 36,640 2,658 410 897 1.065 8,054 2,273 4,679 4,417 7,917 4 270 1994-95 2.885 44,730 8,433 3,802 3.441 5,284 4,524 2,796 11.551 2,013 1995-96 38,312 1,299 6,475 3,027 2,792 10,997 3,657 985 6,286 2,795 1996-97 2,300 182 2,826 57 228 59 1996 November 7,206 242 234 221 3.247 3,262 December 2,049 1,100 342 57 300 250 1997 January 183 7.704 1,320 2,000 470 50 3,490 98 93 November 1,298 125 661 71 51 75 315 December 60 1,088 80 180 625 143 1998 January

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

					(\$'000)						
Period	Hotels etc.	Shops	Factories	Offices	Other business premises	Educa- tional	Religious	Health	Enterta- inment and recreati- onal	Miscel- laneous	Total
			WI	MMERA S	TATISTICA	L DIVISIO	)N				
1994-95	65	490	1,004	216	610	3,437	283	17,786	305	860	25,057
1995-96	172	442	1,275	2,831	648	2,899		1,220	2,220	1,605	13,312
1996-97	227	1,151	2,044	1,812	970	185	_	1,810	1,209	1,246	10,654
1996 November	_	350	300	_	210		_	1,600	179		2,639
December	_		1,148			_			_	_	1,148
1997 January	_			<del></del>	218		_		_	412	630
November	_		50	67	100	_	_	_	80	_	297
December		_	300		75	_			_	80	455
1998 January	_	60	_	_	200		_	_	_	100	360
			М	ALLEE ST	ATISTICAL	DIVISION	٧			•	
1994-95 1995-96	845	1,365	735	1,245	1,123	6,215		774	80	86	12,468
1995-96 1996-97	420	6,511	3,685	3,312	2,544	5,527	112	1,838	1,368	1,318	26,635
1990-97	217	4,029	2,314	1,147	4,689	6,639	171	1,172_	_	1,596	21,973
1996 November	_	250	_		120	310	_				680
December	_	730	50	160	650	200	_		_	_	1,790
1997 January	217	600	340	_	695	_		_	_		1,852
November	_	_	100		392	157		470	_		1,119
December	_	650	70	550	1,056	517	_	1.250	_	100	4,193
1998 January		353		800	_			1,724			2,877
			LC	ODDON ST	ATISTICAL	DIVISIO	N				
1994-95	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1995-96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1996-97	70	1,835	2,226	2,174	3,894	8,490	358	5,575	1,968	13,295	39,886
1996 November	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
December	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1997 January		60	130	300		50	_			51	591
November	788	480	450	90	295		390	_	339	155	2,987
December	600	350	320	_	100	250	_	410	80	400	2,510
1998 January	65	126	250	166		66	83	800	536	791	2,883
			GO	ULBURN S	STATISTICA	AL DIVISIO	ON				
1994-95	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1995-96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1996-97	3,265	5,629	16,652	5,196	11,991	21,381	369	2,117	2,757	14,985	84,344
1996 November	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
December	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1997 January	100	675		115	300	300	_			778	2,268
November	350	652	150	155	1,165	60		_	250		2,782
December	90	50	221		137	62	_	850	_	178	1,589
1998 January		730	_	180	270	359		282		180	2,001
1770 January		/50	_	100	270	227					_,_,

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

(\$'000) Entertainment and Other Miscel-Educarecreatibusiness Hotels Total Health laneous Factories Offices premises tional Religious onal Shops Period etc. OVENS MURRAY STATISTICAL DIVISION n.a. n.a. n.a. n.a. n.a. 1994-95 n.a. 1995-96 n.a. 973 2,796 30,247 9,395 2,136 1,999 60 3.460 3,672 1996-97 2,292 3,463 n.a. n a n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. 1996 November n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. December n.a. 2,681 595 75 690 1,321 1997 January 1,083 318 450 175 140 November 80 5,382 1,177 140 1,350 2,360 275 December 243 8,338 150 760 3,000 185 4.000 1998 January EAST GIPPSLAND STATISTICAL DIVISION n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. 1994-95 n.a. n.a. n.a. n.a. n.a. n.a. n.a. n.a. 1995-96 n.a. n.a. n.a. 1,697 20,379 558 6,699 2.577 2,953 725 867 105 4,199 1996-97 n.a. n.a. n.a. n.a. n.a n.a. n.a. n.a. n.a. n.a. n.a. 1996 November n.a. n.a. n.a. n.a n.a. n.a. n.a. n.a. n.a December n.a. 60 209 80 69 1997 January 150 750 1,187 287 November 147 726 343 235 December 80 80 1998 January GIPPSLAND STATISTICAL DIVISION 37,337 2,495 3,146 284 152 4,511 3,630 5,081 6.871 1,412 9 754 1994-95 1,900 52,104 4,389 530 7,258 90 4,728 1.883 7,931 22,345 1,050 1995-96 6,487 71,017 2,997 2,627 17,009 165 21,609 9.020 3.986 406 6,710 1996-97 1,300 10,662 2,060 1,055 1,076 1.172 770 50 3,063 1996 November 116 24,980 692 150 254 4.080 19,661 142 December 1,190 2.861 165 50 110 727 90 530 1997 January 168 290 2,010 363 65 130 405 590 November 1,094 730 50 90 140 84 December 5,075 500 1,700 1,400 500 80 600 295 1998 January TOTAL VICTORIA 1.975,197 99.015 230,444 15.351 121,046 218,315 303,732 361,187 48,126 358,756 219.224 1994-95 251,475 174,633 2,452,389 136.564 364,917 7,476 340,836 419.038 136,388 390,446 230,616 1995-96 336,600 2,839,760 411,291 15,388 257,829 90 245 401.094 373,817 404,650 157,717 391,128 1996-97 28,072 286,522 93,671 16,125 1,208 29,549 39,685 29.051 14,236 20,381 14.544 1996 November 221,628 4,844 14,846 13,535 877 19,695 24,160 31,131 40,753 December 47,354 24,432 226,599 4.072 10,015 4,489 45,776 33,418 21,194 29.132 23,771 17,417 37,316 1997 January 3,618 247,288 16,962 17.458 26,287 16,875 3,426 17.902 20,682 24,521 November 99,556 470,226 5,358 435 4,728 355.839 16,366 14,626 11,892 16,551 40,194 4,236 December 234,143 19,616 17,927 6,689 995 27,646 32,925 23,382 34,429 30,426 1998 January 40,107

<sup>(</sup>a) As a result of changes to Statistical Division boundaries, data for the periods prior to July 1995 are not directly comparable to data for the periods from July 1995 onward. The Statistical Divisions of Loddon (formerly Loddon- Campaspe), Goulburn, Ovens-Murray, and East Gippsland were significantly affected by the changes, but for the remaining Statistical Divisions the changes were relatively minor.

TABLE 11. NEW DWELLING UNITS (a) APPROVED, BY TYPE AND STATISTICAL DIVISION (b) JANUARY 1998

				٨	lew other reside	ential building				
		Semi-detached, row or terrace houses, townhouses, etc. of			Flats, u	nits or apartm	g of		Total	
Statistical Division	New houses	1 storey	2 or more storeys	Total	1-2 storeys	3 storeys	4 or more storeys	Total	Total	new residentiai building
			NU	JMBER OF I	DWELLING U	NITS				
Melbourne	1,401	114	182	296	12	47	122	181	477	1,878
Barwon	105	12	6	18		_	-		18	123
Western District	28	_		_	_		_	_		28
Central Highlands	36	2	16	18	_	_		-	18	54
Wimmera	12	2		2	_	-	_		2	14
Mallee	22	10	_	10	_	_			10	32
Loddon	37		_			_	_			37
Goulburn	53	_	_	_	_		7	7	7	60
Ovens-Murray	35	18	_	18	_	_	•	<u>.</u>	18	53
East Gippsland	26		_					_		26
Gippsland	55	2	MMALIFAL	2		_	_		2	57
Victoria	1,810	160	204	364	12	47	129	188	552	2,362
				VALU	JE (\$'000)					
Melbourne	156,453	7,833	18,002	25,834	1,019	7,000	41,887	49,906	75,740	232,193
Barwon	10,508	696	645	1,341			_	_	1,341	11,849
Western District	3,081	_	_	·	_	_		_		3,081
Central Highlands	4,288	199	1,360	1,559			_	<b>-</b>	1,559	5,847
Wimmera	1,154	173		173	_	_		_	173	1,327
Mallee	1,955	1,200		1,200	_	_	-	<del></del>	1,200	3,155
Loddon	4,103								_	4,103
Goulburn	5,668				<del></del>		1,500	1,500	1,500	7,168
Ovens-Murray	3,877	980		980		_	· —	<i>_</i>	980	4,857
East Gippsland	2,512		******			_	_	_		2,512
Gippsland	5,547	100	_	100	_	_		_	100	5,647
Victoria	199,145	11,181	20,007	31,188	1,019	7,000	43,387	51,406	82,594	281,739

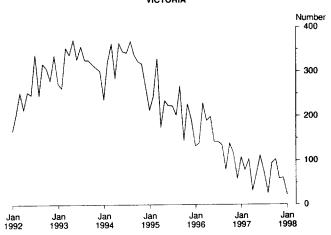
<sup>(</sup>a) Excludes Conversions, etc. (b) For details of changes to Statistical Divisions, please refer to paragraphs 28-30 of the Explanatory Notes.

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

Statistical division / subdivision (b)	1995-96	1996-97	July - Jan. 1997-98	Jan 1998
Melbourne (SD)	1,919	979	361	16
Greater Geelong City Part A (SSD)	70	49	10	
Barwon (SD)	82	60	16	
Western District (SD)	26	18	2	
Ballarat City (SSD) (c)	n.a.	7	15	2
Central Highlands (SD)	39	16	20	2
Wimmera (SD)	7	6	macrons.	
Mildura Rural City Part A (SSD)	13	11	4	_
Mallee (SD)	19	16	4	
Greater Bendigo City Part A (SSD)	42	_	-	
Loddon (SD) (c)	n.a.	n.a.	3	-
Greater Shepparton City Part A (SSD)	7	4	7	-
Goulburn (SD) (c)	n.a.	n.a.	20	2
Wodonga (SSD) (c)	n.a.	n.a.	2	2
Ovens-Murray (SD) (c)	n.a.	n.a.	3	2
East Gippsland (SD) (c)	n.a.	n.a.	6	
Latrobe Valley (SSD) (c)	n.a.	n.a.	1	_
Gippsland (SD)	57	23	4	_
Victoria	2,292	1,154	439	22

<sup>(</sup>a) Refer to paragraph 10 of the explanatory notes. (b) As a result of changes to Statistical Division and Statistical Subdivision boundaries, data for periods prior to July 1995 are not directly comparable to data for periods from July 1995 onward. (c) Data for periods marked ''n.a.'' are not available because boundaries have been significantly altered.

# DUAL OCCUPANCY DWELLING UNITS APPROVED, VICTORIA



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

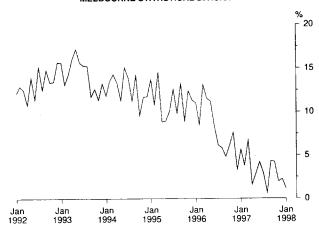


TABLE 13. NUMBER OF DUAL OCCUPANCY (a) DWELLING UNITS APPROVED

Statistical local area (b) (c)	1995-96	1996-97	July - Jan. 1997-98	Jan 1998
Banyule (C)				
Heidelberg	n.a.	n.a.	3	
North Total	n.a. <i>n.a</i> .	n.a. <i>n.a</i> .	5 8	1 1
Bayside (C)			· ·	•
Brighton	49	27	22	
South	n.a.	n.a.	19	
Total	n.a.	n.a.	41	
Boroondara (C) Camberwell North			9	
Camberwell South	n.a. n.a.	n.a. n.a.	5	
Hawthorn	8	6	2	_
Kew	24	1	4	_
Total	104	29	20	2
Brimbank (C)				
Keilor	n.a.	n.a.	18	_
Sunshine Total	n.a. <i>n.a</i> .	n.a. <i>n.a</i> .	11 29	_
Cardinia (S)				
Pakenham	n.a.	n.a.		_
South	n.a.	n.a.		
Total	n.a.	n.a.	_	
Casey (C)				
Berwick South	n.a.	n.a.	_	
Total	n.a. <i>n.a</i> .	n.a. <i>n.a.</i>		_
Darebin (C)				
Northcote	n.a.	n.a.	6	
Preston	n.a.	n.a.	3	_
Total	n.a.	n.a.	9	_
Frankston (C)				
East	n.a.	n.a.	2	2
West Total	n.a. <i>n.a</i> .	n.a. <i>n.a</i> .	2 2	2 2
Glen Eira (C)	··· <del>··</del>			
Caulfield	87	73	11	_
South	n.a.	n.a.	17	
Total	n.a.	n.a.	28	_
Greater Dandenong (C)	9	17		
Dandenong Balance	n.a.	n.a.	4	
Total	n.a.	n.a.	4	
Hobsons Bay (C)				
Altona	n.a.	n.a.	8	
Williamstown	n.a.	n.a.	4 12	_
Total	n.a.	n.a.	12	
Hume (C) Broadmeadows	n.a.	n.a.	5	1
Craigieburn	n.a.	n.a.	2	
Sunbury	n.a.	n.a.	4	_
Total	n.a.	n.a.	11	1
Kingston (C)			17	1
North	n.a.	n.a.	17 15	_1
South	n.a. <i>n.a</i> .	n.a. <i>n.a.</i>	32	1
Total	n,a.	n.a.	_	_
Knox (C) Manningham (C)	n.a.	n.a.	_	_
Maribyrnong (C)	n.a.	n.a.	8	_
Maroondah (C)				
Croydon	n.a.	n.a.	10	_
Ringwood	n.a. : n.a.	n.a. <i>n.a</i> .	10 20	1
Total	: n.a.	n.u.	20	•
Melbourne (C)				
Inner Remainder	n.a.	2	_	
Total	n.a.	2	_	_
Melton (S)				
East	n.a.	n.a.	2	
Balance	n.a.	n.a. <i>n.a.</i>		_
Total	n.a.	n.u.	<b>4</b>	
Monash (C)	n.a.	n.a.	11	
South-West Waverley East	n.a.	n.a.	6	_
	n.a.	n.a.	15	2
Waverley West			32	

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

Statistical local area (b) (c)	1995-96	1996-97	July - Jan. 1997-98	Jan 1998
Moonee Valley (C)				
Essendon	49			_
West	n.a.	n.a.	_	
Total	n.a.	n.a.	_	
Moreland (C)	10	5	6	_
Brunswick	n.a.	n.a.	7	2
Coburg	n.a.	n.a.	8	_
North Total	n.a.	n.a.	21	4
Mornington Peninsula (S)		n.a.	3	2
East	n.a. 14	n.a.	4	_
South			2	
West	n.a.	n.a. <i>n.a</i> .	9	2
Total	n.a.	71.U.		~
Nillumbik (S)				
South-West	n.a.	n.a.	_	
Balance	n.a.	n.a.		
Total	n.a.	n.a.		
Port Phillip (C)			4	
St Kilda	n.a.	n.a.	4	
West	n.a.	i	7 11	
Total	n.a.	n.a.	11	
Stonnington (C)				
Prahran	n.a.	n.a.	4	
Malvern	33	19	12	_
Total	n.a.	n.a.	16	
Whitehorse (C)				_
Box Hill	39	36	_ 8	2
Nunawading East	n.a.	n.a.	9	_
Nunawading West	n.a.	n.a.	12	
Total	116	<i>78</i>	29	2
Whittlesea (C)	n.a.	n.a.		
Wyndham (C)	n.a.	n.a.		
Yarra (C)				
North	n.a.	n.a.		
Richmond	25	14	13	_
Total	n.a.	n.a.	13	
Yarra Ranges (S) (d)	3	5		_
Central	n.a.	n.a.	_	_
North	n.a.	n.a.	4	_
South-West	n.a.	n.a.	4	
Total				
Melbourne Statistical Division	1,919	979	361	1
Rest of Victoria	373	175	78	
Total Victoria	2,292	1,154	439	2

(a) Refer to paragraph 10 of the Explanatory Notes. (b) As a result of changes to Statistical Division and Statistical Subdivision boundaries, data for periods prior to July 1995 are not directly comparable to data for periods from July 1995 onward. (c) Data for periods marked "n.a." are not available because boundaries have been significantly altered. (d) The Shire of Yarra Ranges comprises four Statistical Local Areas (SLA). Approvals data for the three SLAs included in the Melbourne Statistical Division are shown in Table 13. The other SLA is included in the Gippsland Statistical Division.

#### **EXPLANATORY NOTES**

#### INTRODUCTION

- 1. This publication contains monthly details of building work approved.
- 2. For purposes of comparison, it should be noted that statistics of building approvals are affected from month to month by large projects (e.g. blocks of flats, multi-storey office buildings) approved in particular months and also by the administrative arrangements of government authorities.

#### SCOPE AND COVERAGE

- 3. Statistics of building work approved are compiled from:
- (a) permits issued by local 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.
- (c) major building activity which takes place in areas not subject to the normal administrative approval processes (e.g. buildings on remote mine sites).
- (d) 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.
- 4. 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 the ABS publication Engineering Construction Survey (Cat. no. 8762.0).
- 5. 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.
- **6.** 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
- (c) all approved non-residential building jobs valued at \$50,000 or more (previously \$30,000 or more).

These changes in coverage do not have a statistically significant effect on broad building approvals aggregate data. However, care should be taken in interpreting data for specific classes of non-residential building.

- 7. 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.
- **8.** 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 buildings' approved.
- **9.** 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.
- (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 caretaker's 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.).

#### **DEFINITIONS**

- 10. 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.
- 11. From the January 1995 issue of this publication, the number of dwelling units approved as part of alterations and additions to or conversions of existing residential or non-residential buildings and as part of the construction of non-residential building is shown separately in Table 1 under the heading of 'Conversions, etc.', and is included in the total number of dwelling units shown in the table. Previously, such dwellings were only included as a footnote.
- 12. In addition, from the January 1995 issue, the seasonally adjusted and trend estimates for the number of dwelling units approved, shown in Table 3, include these conversions, etc. Previously, only dwelling units approved as part of the construction of new residential buildings were included in these estimates.
- 13. The value of new residential building approved continues to exclude the value of dwelling units approved as part of alterations and additions to or conversions of existing residential or non-residential buildings and as part of the construction of non-residential building. Approved building work represented by these conversions, etc. jobs continues to be included in the value of alterations and additions to residential buildings or in the value of non-residential building as appropriate.
- 14. Value 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** 

- 15. 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.
- 16. Functional classification of buildings: a building is classified according to its intended major function. Hence 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 e.g. a student accommodation building on a university campus would be classified to Educational.

SEASONAL ADJUSTMENT

- 17. 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.
- 18. Table 3 shows seasonally adjusted estimates for both private and total dwellings. For the four series shown, 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.
- 19. 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. These irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

- 20. Most of the component series have been seasonally adjusted independently. Therefore, 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 optimum 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.
- 21. As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's data. For Building Approvals, the results of the latest review are normally shown in the July issue each year. Further information about seasonal adjustment can be obtained from the Assistant Director of Time Series Analysis, Canberra, on (02) 6252 6345.
- 22. Seasonally adjusted series can be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate.
- 23. Table 3 shows trend estimates for both private and total dwellings. These are obtained by applying a 13-term Henderson-weighted moving average to all months of the respective seasonally adjusted series except the last six months. Trend series are created for the last six months by applying surrogates of the Henderson moving average to the seasonally adjusted time series. For further information, see A Guide to Interpreting Time Series Monitoring 'Trends': an Overview (Cat. no. 1348.0).
- 24. While the smoothing technique described in paragraphs 22 and 23 enables trend estimates to be produced for the latest few months, it does result in revisions to the trend estimates as new data become available. Generally, revisions become smaller over time and, after three months, usually have a neglible impact on the series. Revisions to the original data and re-analysis of seasonal factors may also lead to revisions to the trend.
- **25.** Estimates of the quarterly value of building approvals at average 1989–90 prices are presented in Table 4. (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 are derived from the same price data underlying the deflators compiled for the dwelling 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 (Cat. no. 5216.0).
- **28.** Area statistics are now being classified to the *Australian Standard Geographical Classification*, 1996 Edition (Cat. no. 1216.0), effective from 1 July 1996, and ASGC terminology has been adopted in the presentation of building statistics.
- **29.** The 1996 edition of the ASGC includes some changes to Victorian Statistical Divisions (SDs), Statistical Subdivisions (SSDs) and Statistical Local Areas (SLAs). Further details are:
- (a) The Shire of Milawa was renamed to Wangaratta and constituted as a Rural City.
- (b) Western Fringe Melbourne SSD (in Melbourne SD) has been renamed Melton-Wyndham SSD.
- (c) (i) The boundary of the Bendigo Statistical District has been extended to include a part transferred from Greater Bendigo (C) Part B SLA to Greater Bendigo (C) Strathfieldsaye SLA. There are consequential changes to Greater Bendigo City Part A and North Loddon SSDs.
  - (ii) All SLAs in Greater Bendigo (C) LGA have been redefined. The seven new SLAs are: Greater Bendigo (C) Central, Greater Bendigo (C) Eaglehawk, Greater Bendigo (C) Inner East, Greater Bendigo (C) Inner North, Greater Bendigo (C) Inner West, Greater Bendigo (C) Strathfieldsaye (in Greater Bendigo City Part A SSD) and Greater Bendigo (C) Part B (in North Loddon SSD).
- (d) The following SLA splits (and boundary changes) have occurred:

(i)

Cardinia (S) – Pakenham has been split into two SLAs, Cardinia (S) – Pakenham (which also includes a part from Cardinia (S) – South) and Cardinia (S) – North

TREND ESTIMATES

ESTIMATES AT CONSTANT PRICES

AUSTRALIAN STANDARD GEOGRAPHICAL CLASSIFICATION (ASGC)

- (ii) Casey (C) Berwick lost part to Casey (C) South; remainder has been split into two SLAs, Casey (C) Berwick and Casey (C) Hallam
- (iii) Casey (C) South has been split into two SLAs, Casey (C) South (which also includes a part from Casey (C) Berwick) and Casey (C) Cranbourne
- (iv) Knox (C) has been split into two SLAs, Knox (C) North and Knox (C) South
- (v) Manningham (C) has been split into two SLAs, Manningham (C) East and Manningham (C) West
- (vi) Moira (S) has been split into two SLAs, Moira (S) East and Moira (S) West
- (vii) Nillumbik (S) Bal has been split into two SLAs, Nillumbik (S) South (which also includes a part from Nillumbik (S) South-West) and Nillumbik (S) Bal
- (viii) Pyrenees (S) has been split into two SLAs, Pyrenees (S) North and Pyrenees (S) South
- (ix) Swan Hill (RC) Bal has been split into two SLAs, Swan Hill (RC) Robinvale and Swan Hill (RC) Bal
- (x) Whittlesea (C) has been split into two SLAs, Whittlesea (C) North and Whittlesea (C) South
- (xi) Wyndham (C) has been split into three SLAs, Wyndham (C) North-West, Wyndham (C) Werribee and Wyndham (C) Bal
- (e) There have been changes between the following boundaries:
  - (i) Ballarat (C) Central and Ballarat (C) Inner North
  - (ii) Ballarat (C) Inner North and Ballarat (C) South
  - (iii) Banyule (C) Heidelberg and Banyule (C) North
  - (iv) Colac-Otway (S) Colac, and Colac-Otway (S) North
  - (v) East Gippsland (S) Orbost and East Gippsland (S) Bal
  - (vi) Geelong and Geelong West
  - (vii) Glenelg (S) Heywood and Glenelg (S) North
  - (viii) Glenelg (S) Heywood and Glenelg (S) Portland
  - (ix) Loddon (S) North and Loddon (S) South
  - (x) Macedon Ranges (S) Kyneton and Macedon Ranges (S) Bal
  - (xi) Maroondah (C) Croydon and Maroondah (C) Ringwood
  - (xii) Moonee Valley (C) Essendon and Moonee Valley (C) West
  - (xiii) Moyne (S) Bal abolished: split between Moyne (S) South (renamed to Moyne (S) South–West) and new SLA Moyne (S) North–West)
  - (xiv) Moyne (S) South created from Moyne (S) South–West and the southern part of Moyne (S) Bal
  - (xv) Nillumbik (S) South-West, and Nillumbik (S) South
  - (xvi) Surf Coast (S) East and Surf Coast (S) West
  - (xvii) Wangaratta (RC) North (previously Milawa (S) North) and Wangaratta (RC) South (previously Milawa (S) South)
  - (xviii) Wangaratta (RC) Central renamed from Milawa (S) Wangaratta
  - (xix) Wellington (S) Avon and Wellington (S) Maffra

30. Tables 8, 9 and 13 show approvals statistics according to the new SLA structure for July 1996. Tables 10, 11, 12 and 13 include data for previous periods relating to those geographic areas for which no boundary changes have been made and for SDs to which only minor boundary changes have been made. (Historical data for SDs subject to significant boundary changes can, in some instances, be provided as a special data service. Charges apply for these services.)

UNPUBLISHED DATA AND RELATED PUBLICATIONS

- 31. 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: photocopy, computer printout and clerically extracted tabulation. A charge may be made for providing unpublished information in these forms.
- 32. Other ABS publications which may be of interest include:

Building Approvals, Australia (Cat. no. 8731.0) – issued monthly Building Activity, Australia: Dwelling Unit Commencements, Preliminary (Cat. no. 8750.0) – issued quarterly Building Activity, Victoria (Cat. no. 8752.2) – issued quarterly

33. Current publications produced by the ABS are listed in the *Catalogue of Publications* and *Products, Australia* (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

**ELECTRONIC SERVICES** 

**34.** A large range of data is available via on-line services, diskette, magnetic tape, tape cartridge and CD ROM. For more details about our electronic data services, contact any ABS Office. Selected ABS statistics are available on floppy disk. Further information is available on (02) 6252 6684.

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SYMBOLS AND USAGES

In this publication, Cities are marked (C), Rural Cities (RC), Boroughs (B), and Shires (S).

not applicable

nil or rounded to zero
figure or series revised since previous issue

n.a. not available

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

Ian Crettenden Acting Regional Director Victoria



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