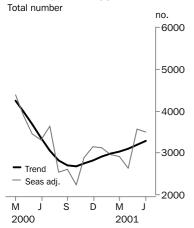


BUILDING APPROVALS

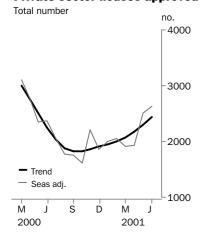
VICTORIA

EMBARGO: 11:30AM (CANBERRA TIME) TUES 7 AUG 2001

Dwelling units approved



Private sector houses approved



■ For further information about these and related statistics, contact Andrea Woods on Adelaide

08 8237 7350 or the National Information and Referral Service on 1300 135 070.

JUNE KEY FIGURES

	Apr 2001	May 2001	Jun 2001
Dwelling units approved			
Original	2 475	3 668	3 334
Seasonally adjusted	2 623	3 572	3 498
Trend	3 101	3 189	3 288

% change % change % change Mar 2001 to Apr 2001 to May 2001 to Apr 2001 May 2001 Jun 2001 Dwelling units approved -27.148.2 -9.1 Original Seasonally adjusted -9.6 36.2 -2.1 3.1 Trend 2.2 2.8

JUNE KEY POINTS

TREND ESTIMATES

- The trend estimate for total dwellings approved has increased for the last eight consecutive months, with June 2001 rising 3.1%, following rises of 2.2% in April and 2.8% in May.
- The trend estimate for private sector houses approved has increased in each of the last nine months with the rate of growth increasing over this period. The estimate rose 6.1% in June, following rises of 5.0% in April and 5.4% in May.

SEASONALLY ADJUSTED ESTIMATES

- The seasonally adjusted estimate for total dwellings approved fell by 9.6% in April 2001 then rose by 36.2% in May 2001. The estimate fell in June 2001 by 2.1% to 3.498.
- The seasonally adjusted estimate for private sector house approvals rose by 1.1%, 29.5% and 5.0% in April, May and June 2001 respectively.

ORIGINAL ESTIMATES

- In original terms the number of dwellings approved in the June quarter 2001 increased by 3.2% from the previous quarter to 9,477.
- The total value of building work approved in the June quarter 2001 increased by 2.9% from the previous quarter to \$2,757.8 million.

NOTES

FORTHCOMING	ISSUES
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ISSUE RELEASE DATE

September 2001 7 November 2001 December 2001 8 February 2002

CHANGES IN THIS ISSUE

Seasonally adjusted and trend estimates to April 2001 have been revised as a result of the annual reanalysis of the seasonal factors. See paragraph 23 of the Explanatory Notes.

Users should note that the reference year for Chain Volume Measures (Table 8) has been advanced to 1999-2000 in this issue (rather than in the September issue), which has resulted in revisions to levels, but not growth rates for all periods (see paragraph 26 of the Explanatory Notes).

DATA NOTES

There are no data notes in this issue.

REVISIONS THIS MONTH

Revisions have been made to total dwelling units in this issue, as a result of receiving updated data and resolving outstanding queries.

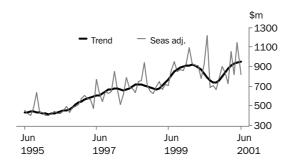
	1998-99	1999-2000	2000-01	Total
Victoria	+18	+359	-70	+307

Zia ABBASI

Regional Director, Victoria

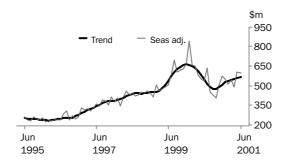
VALUE OF TOTAL BUILDING

The trend estimate of the value of total building has increased for the past nine months.



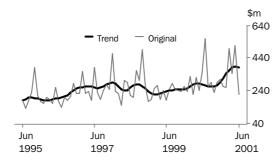
VALUE OF RESIDENTIAL BUILDING

The trend estimate of the value of residential building has increased for the past nine months.



VALUE OF NON-RESIDENTIAL BUILDING

The trend estimate of the value of non-residential building has fallen in June 2001 following eight months of continual growth.



DWELLING UNITS APPROVED

The number of dwelling units approved in 1999–2000 and 2000–2001 and the percentage movement between 1999–2000 and 2000–2001 for Victoria is summarised below.

	1999–2000 no.	2000–2001 no.	1999–2000 to 2000–2001 % change
New residential building Alterations and additions to	48 519	34 226	-29.5
residential buildings	430	370	-14.0
Conversions	919	914	-0.5
Non-residential building	265	55	-79.2
Total dwelling units	50 133	35 565	-29.1

VALUE OF BUILDING APPROVED

The value of building approved in 1999–2000 and 2000–2001 and the percentage movement between 1999–2000 and 2000–2001 for Victoria is summarised below.

	1999–2000 \$m	2000–2001 \$m	1999–2000 to 2000–2001
	****	*	% change
New residential building Alterations and additions	6 418.0	5 111.5	-20.4
creating dwellings	54.8	27.7	-49.5
Alterations and additions not creating dwellings	1 047.1	1 024.6	-2.2
Conversions	109.1	138.5	27.0
Non-residential building	3 211.8	4 058.1	26.4
Total building	10 840.8	10 360.3	-4.4

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EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

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

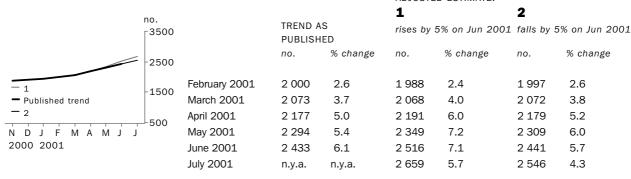
TREND REVISIONS

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

The graphs and tables which follow present the effect of two possible scenarios on the previous trend estimates: that the July seasonally adjusted estimate is higher than the June estimate by 5% for the number of private sector houses approved and 8% for total dwelling units approved; and that the July seasonally adjusted estimate is lower than the June estimate by 5% for the number of private sector houses approved and 8% for total dwelling units approved. These percentages were chosen because they represent the average absolute monthly percentage change for these series over the last ten years.

PRIVATE SECTOR HOUSES

WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:



TOTAL DWELLING UNITS

WHAT IF NEXT MONTH'S SEASONALLY ADJUSTED ESTIMATE:



DWELLING UNITS APPROVED

	HOUSES		OTHER DWE	ELLINGS	TOTAL DWELLING UNITS		
	Private sector	Total	Private sector	Total	Private sector	Total	
Month	no.	no.	no.	no.	no.	no.	
• • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • •	• • • • • • • • • •	
2000			ORIGINAL				
April	2 555	2 582	1 050	1 073	3 605	3 655	
May	2 530	2 574	880	886	3 410	3 460	
June	2 382	2 412	848	868	3 230	3 280	
July	1 842	1 859	1 485	1 506	3 327	3 365	
August	1 809	1 826	878	920	2 687	2 746	
September	1 854	1 886	676	676	2 530	2 562	
October	1 518	1 563	510	536	2 028	2 099	
November	2 359	2 361	740	753	3 099	3 114	
December	1 701	1 717	1 298	1 298	2 999	3 015	
2001							
January	1 649	1 680	898	927	2 547	2 607	
February	2 282	2 308	876	878	3 158	3 186	
March	2 185	2 206	1 186	1 188	3 371	3 394	
April	1 811	1 835	640	640	2 451	2 475	
May	2 658	2 674	974	994	3 632	3 668	
June	2 616	2 644	649	690	3 265	3 334	
• • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • •	• • • • • • • • • •	
2000			SEASONALLY ADJU	SIED			
April	2 790	2 821	n a	n.a.	3 851	3 905	
May	2 357	2 389	n.a. n.a.	n.a.	3 413	3 451	
June	2 362	2 389	n.a.	n.a.	3 273	3 320	
July	2 054	2 073	n.a.	n.a.	3 593	3 633	
August	1 777	1 798	n.a.	n.a.	2 479	2 542	
September	1 763	1 792	n.a.	n.a.	2 580	2 609	
October	1 610	1 639	n.a.	n.a.	2 168	2 223	
November	2 206	2 208	n.a.	n.a.	2 864	2 879	
December	1 864	1 879	n.a.	n.a.	3 122	3 137	
2001							
January	1 993	2 038	n.a.	n.a.	3 048	3 122	
February	2 053	2 084	n.a.	n.a.	2 916	2 949	
March	1 914	1 944	n.a.	n.a.	2 870	2 902	
April	1 936	1 963	n.a.	n.a.	2 596	2 623	
May	2 506	2 518	n.a.	n.a.	3 540	3 572	
June	2 633	2 658	n.a.	n.a.	3 432	3 498	
• • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	
2000			TREND ESTIMAT	£5			
April	2 773	2 800	1 176	1 192	3 949	3 992	
May	2 510	2 537	1 132	1 192 1 149	3 642	3 992 3 686	
June	2 252	2 278	1 061	1 080	3 313	3 358	
July	2 034	2 059	978	999	3 012	3 058	
August	1 885	1 908	901	922	2 786	2 830	
September	1 822	1 843	835	855	2 657	2 698	
October	1 829	1 850	818	836	2 647	2 686	
November	1 865	1 887	841	856	2 706	2 743	
December	1 905	1 930	889	900	2 794	2 830	
2001	1 303	1 000	000	300	2104	2 000	
January	1 949	1 976	938	946	2 887	2 922	
February	2 000	2 028	950	958	2 950	2 986	
March	2 073	2 101	923	932	2 996	3 033	
April	2 177	2 204	885	897	3 062	3 101	
May	2 294	2 319	853	870	3 147	3 189	
June	2 433	2 455	810	833	3 243	3 288	
Julie	Z 433	2 400	010	లు	5 245	3 200	

••••••



DWELLING UNITS APPROVED, Percentage Change

	HOUSES		OTHER DWI	ELLINGS	TOTAL DWELLING UNITS		
Month	Private sector	Total	Private sector	Total	Private sector	Total	
• • • • • • • • • • •	• • • • • • • • • •		(0) also as a function		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	
2000		ORIGINAL	(% change from pr	eceaing month)			
April	-29.9	-29.4	-19.5	-17.8	-27.2	-26.3	
May	-1.0	-0.3	-16.2	-17.4	-5.4	-5.3	
June	-5.8	-6.3	-3.6	-2.0	-5.3	-5.2	
July	-22.7	-22.9	75.1	73.5	3.0	2.6	
August	-1.8	-1.8	-40.9	-38.9	-19.2	-18.4	
September	2.5	3.3	-23.0	-26.5	-5.8	-6.7	
October	-18.1	-17.1	-24.6	-20.7	-19.8	-18.1	
November	55.4	51.1	45.1	40.5	52.8	48.4	
December	-27.9	-27.3	75.4	72.4	-3.2	-3.2	
2001							
January	-3.1	-2.2	-30.8	-28.6	-15.1	-13.5	
February	38.4	37.4	-2.4	-5.3	24.0	22.2	
March	-4.3	-4.4	35.4	35.3	6.7	6.5	
April	-17.1	-16.8	-46.0	-46.1	-27.3	-27.1	
May	46.8	45.7	52.2	55.3	48.2	48.2	
June	-1.6	-1.1	-33.4	-30.6	-10.1	-9.1	
• • • • • • • • • • • •	• • • • • • • • • •	CEACONALLY ADJ	UCTED (0) alternate			• • • • • • • • • • • • • • • • • • • •	
2000		SEASONALLY ADJ	USTED (% change	from preceaing mo	ntn)		
2000 April	10.4	0.0			-11.9	11.0	
May	−10.4 −15.5	−9.8 −15.3	n.a.	n.a.	-11.9 -11.4	−11.0 −11.6	
June	0.2	0.0	n.a. n.a.	n.a. n.a.	-11.4 -4.1	-11.6 -3.8	
July	-13.0	-13.2	n.a.	n.a.	-4.1 9.8	-3.8 9.4	
August	-13.5	-13.2 -13.3	n.a.	n.a.	-31.0	-30.0	
September	-0.8	-13.3 -0.3	n.a.	n.a.	4.1	2.6	
October	-8.7	-8.5	n.a.	n.a.	-16.0	-14.8	
November	37.0	34.7	n.a.	n.a.	32.1	29.5	
December	-15.5	-14.9	n.a.	n.a.	9.0	8.9	
2001	20.0	2.110	11101		0.0	0.0	
January	6.9	8.5	n.a.	n.a.	-2.4	-0.5	
February	3.0	2.3	n.a.	n.a.	-4.3	-5.5	
March	-6.8	-6.7	n.a.	n.a.	-1.6	-1.6	
April	1.1	1.0	n.a.	n.a.	-9.5	-9.6	
May	29.5	28.3	n.a.	n.a.	36.4	36.2	
June	5.0	5.6	n.a.	n.a.	-3.1	-2.1	
• • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •	
2000		TREND ESTIMA	TES (% change fro	m preceding month	1)		
April	-7.5	-7.5	-2.2	-2.2	-6.0	-6.0	
May	-7.5 -9.5	-7.5 -9.4	-2.2 -3.7	-2.2 -3.6	-0.0 -7.8	-0.0 -7.7	
June	-9.3 -10.3	-9.4 -10.2	-5.7 -6.3	-6.0	-7.8 -9.0	-7.7 -8.9	
July	-10.3 -9.7	-10.2 -9.6	-0.3 -7.8	-0.0 -7.5	-9.0 -9.1	-8.9 -8.9	
August	-7.3	-7.3	-7.9	-7.7	-7.5	-7.5	
September	-7.5 -3.4	-3.4	-7.3	-7.7 -7.3	-7.5 -4.6	-4.7	
October	0.4	0.4	-2.0	-7.5 -2.2	-0.4	-0.5	
November	2.0	2.0	2.8	2.4	2.2	2.1	
December	2.1	2.3	5.7	5.1	3.3	3.2	
2001	2.1	2.0	0.1	V.1	0.0	J.2	
January	2.4	2.4	5.5	5.1	3.3	3.3	
February	2.6	2.6	1.3	1.3	2.2	2.2	
March	3.7	3.6	-2.8	-2.7	1.6	1.6	
April	5.0	4.9	-4.1	-3.8	2.2	2.2	
May	5.4	5.2	-3.6	-3.0	2.8	2.8	
June	6.1	5.9	-5.0	-4.3	3.1	3.1	
	U		0.0		0.1		

VALUE OF BUILDING APPROVED

	New	Alterations and additions to	Total		
	residential	residential	residential	Non-residential	Total
	building	buildings(a)	building	building	buildin
Month	\$m	\$m	\$m	\$m	\$m
• • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • •	• • • • • •
2000		ORI	GINAL		
April	436.0	112.8	548.8	323.7	872
May	460.3	103.5	563.8	240.2	804
June	429.7	111.6	541.3	350.7	892
July	465.2	125.7	590.9	560.1	1 151
August	370.0	104.9	474.9	267.7	742
September	346.1	73.0	419.1	292.9	712
October	291.3	108.0	399.3	228.7	628
November	438.5	97.8	536.3	290.4	826
December	470.0	79.4	549.4	311.7	861
2001					
January	387.3	73.2	460.5	266.8	727
February	450.3	89.4	539.7	257.8	797
March	528.5	126.1	654.6	501.5	1 156
April	369.3	78.8	448.0	346.9	794
May	529.0	116.7	645.7	517.2	1 162
June	466.0	117.7	583.7	216.2	800
• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • •
2000		SEASONAL	LY ADJUSTED		
April	466.9	115.1	581.9	n.a.	907
May	448.1	101.7	549.8	n.a.	775
June	428.0	110.9	538.9	n.a.	921
July	497.7	137.7	635.4	n.a.	1 218
August	356.8	96.5	453.2	n.a.	691
September	354.1	72.9	426.9	n.a.	707
October	313.4	93.2	406.7	n.a.	672
November	410.8	92.6	503.4	n.a.	775
December	478.1	97.5	575.7	n.a.	898
2001	110.1	01.0	010.1	ina.	000
January	458.4	90.3	548.7	n.a.	844
February	422.1	93.6	515.8	n.a.	727
March	434.4	108.9	543.3	n.a.	1 058
April	412.5	75.2	487.7	n.a.	823
May	495.9	113.1	609.0	n.a.	1 142
June	468.7	126.4	595.1	n.a.	816
• • • • • • • • • •	• • • • • • • • • •	TOEND	OTIMATEO	• • • • • • • • • • • • • •	• • • • • •
000		IKEND E	STIMATES		
April	504.4	107.2	611.6	285.2	896
May	473.0	110.1	583.1	286.2	869
June	439.0	110.4	549.4	280.4	829
July	407.9	107.6	515.6	272.0	787
August	386.2	102.3	488.6	267.4	756
September	377.7	96.1	473.8	263.9	737
October	383.2	91.8	475.0	265.0	740
November	397.3	90.3	487.6	271.0	758
December	416.1	90.5	506.6	288.9	795
001					_
January	433.4	92.5	526.0	316.3	842
February	443.2	94.9	538.1	343.4	881
March	446.4	97.4	543.8	367.1	910
April	449.9	101.3	551.2	382.0	933
May	454.8	106.3	561.1	386.6	947
June	459.7	111.5	571.1	381.4	952

⁽a) Refer to Explanatory Notes paragraph 18.



VALUE OF BUILDING APPROVED, Percentage Change

Month	New residential building	Alterations and additions to residential buildings(a)	Total residential building	Non- residential building	Total building
• • • • • • • • • • • •	0010		• • • • • • • • • • • •		• • • • • • •
2000	ORIG	INAL (% change f	rom preceaing mo	ontn)	
April	-34.6	9.0	-28.7	49.9	-11.5
May	5.6	-8.2	2.7	-25.8	-7.9
June	-6.6	7.8	-4.0	46.0	10.9
July	8.3	12.6	9.2	59.7	29.0
August	-20.5	-16.5	-19.6	-52.2	-35.5
September	-6.5	-30.4	-11.7	9.4	-4.1
October	-15.8	47.9	-4.7	-21.9	-11.8
November	50.5	-9.4	34.3	27.0	31.6
December	7.2	-18.8	2.4	7.3	4.2
2001					
January	-17.6	-7.8	-16.2	-14.4	-15.5
February	16.3	22.1	17.2	-3.4	9.7
March	17.4	41.1	21.3	94.5	45.0
April	-30.1	-37.5	-31.6	-30.8	-31.2
May	43.2	48.1	44.1	49.1	46.3
June	-11.9	0.9	-9.6	-58.2	-31.2
• • • • • • • • • • • • • • • • • • • •	OF A CONTAIL L	/ AD III CTED (0/ -1			• • • • • • •
2000	SEASUNALLY	/ ADJUSTED (% ch	nange from prece	aing month)	
April	-17.5	28.5	-11.2	n.a.	-1.0
May	-4.0	-11.6	-5.5	n.a.	-14.5
June	-4.5	9.0	-2.0	n.a.	18.8
July	16.3	24.2	17.9	n.a.	32.2
August	-28.3	-29.9	-28.7	n.a.	-43.3
September	-0.8	-24.5	-5.8	n.a.	2.4
October	-11.5	27.8	-4.7	n.a.	-5.1
November	31.1	-0.6	23.8	n.a.	15.4
December	16.4	5.3	14.4	n.a.	15.8
2001					
January	-4.1	-7.4	-4.7	n.a.	-6.0
February	-7.9	3.7	-6.0	n.a.	-13.8
March	2.9	16.3	5.3	n.a.	45.5
April	-5.0	-30.9	-10.2	n.a.	-22.2
May	20.2	50.4	24.9	n.a.	38.7
June	-5.5	11.8	-2.3	n.a.	-28.5
• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •		• • • • • • •
2000	TREND ES	STIMATES (% char	ige from precedir	ig month)	
2000 April	E 1	2.0	2.7	2.6	1.0
April May	−5.1 −6.2	3.8 2.7	–3.7 –4.7	2.6 0.4	-1.8 -3.1
June	−6.2 −7.2	0.3	-4.7 -5.8	-2.0	-3.1 -4.5
June July	−7.2 −7.1	0.3 -2.5	-5.8 -6.2	-2.0 -3.0	-4.5 -5.1
August	-7.1 -5.3	-2.5 -4.9	-6.2 -5.2	−3.0 −1.7	-5.1 -4.0
September	-5.5 -2.2	-4.9 -6.1	-3.0	-1.7 -1.3	-4.0 -2.4
October	-2.2 1.5	-6.1 -4.5	-3.0 0.3	-1.3 0.4	-2.4 0.3
November	3.7	-1.6	2.7	2.3	2.5
December	4.7	0.2	3.9	6.6	4.9
2001		J. <u>L</u>	5.5	3.0	0
January	4.2	2.2	3.8	9.5	5.9
February	2.3	2.6	2.3	8.6	4.7
March	0.7	2.6	1.1	6.9	3.3
April	0.8	4.0	1.4	4.1	2.4
May	1.1	4.9	1.8	1.2	1.6

⁽a) Refer to Explanatory Notes paragraph 18.

	New	New other residential	Alterations and additions to residential		Non- residential	Total dwelling
Period	houses	building	buildings	Conversion(a)	building(a)	units
• • • • • • • • • • •	• • • • • • • • • •		ATE SECTOR (Nu		• • • • • • • • • •	• • • • • • • •
1998-1999	28 701	8 511	264	1 090	257	38 823
1999-2000	35 967	11 765	416	914	262	49 324
2000-2001	24 233	9 524	370	914	53	35 094
2000						
June	2 378	748	15	71	18	3 230
July	1 837	1 014	8	459	9	3 327
August	1 803	709	20	151	4	2 687
September	1 852	647	19	8	4	2 530
October	1 513	450	47	14	4	2 028
November	2 358	606	90	41	4	3 099
December	1 694	1 245	32	25	3	2 999
2001		070				
January	1 644	870	26	3	4	2 547
February March	2 276	856	17	5	4	3 158
	2 178	1 059	30	96	8	3 371
April May	1 807 2 655	617 907	16 51	5 18	6 1	2 451
June	2 655 2 616	90 <i>7</i> 544	51 14	18	2	3 632 3 265
• • • • • • • • • •		• • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • •		
		PUB	LIC SECTOR (Nur	nber)		
1998-1999	544	350	3	2	0	899
1999-2000	507	280	14	5	3	809
2000-2001	275	194	0	0	2	471
2000						
June	30	19	0	0	1	50
July	17	21	0	0	0	38
August	17	42	0	0	0	59
September	32	0	0	0 0	0	32
October November	45 2	26 13	0 0	0	0 0	71 15
December	16	0	0	0	0	16
2001	10	O	O	O	O	10
January	31	27	0	0	2	60
February	26	2	0	0	0	28
March	21	2	0	0	0	23
April	24	0	0	0	0	24
May	16	20	0	0	0	36
June	28	41	0	0	0	69
• • • • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	TOTAL (Number)	• • • • • • • • • • • •	• • • • • • • • • •	• • • • • • •
4000 4000	00.045	0.004			057	00.700
1998-1999 1999-2000	29 245 36 474	8 861 12 045	267 430	1 092 919	257 265	39 722 50 133
2000-2001	24 508	9 718	370	919	55 55	35 565
2000						
June	2 408	767	15	71	19	3 280
July	1 854	1 035	8	459	9	3 365
August	1 820	751	20	151	4	2 746
September	1 884	647	19	8	4	2 562
October	1 558	476	47	14	4	2 099
November	2 360	619	90	41	4	3 114
December	1 710	1 245	32	25	3	3 015
2001	4 0==	007	00	2	•	
January	1 675	897	26	3	6	2 607
February March	2 302 2 199	858 1 061	17 30	5 96	4 8	3 186 3 394
April	2 199 1 831	617	30 16	96 5	8 6	3 394 2 475
May	2 671	927	51	5 18	1	3 668
June	2 644	585	14	89	2	3 334
			- :		_	
	(a) See Gloss	ary for definition.				

......

	New	New other residential	Alterations and additions creating	Alterations and additions not creating		Total residential	Non-residential	Total
Period	houses	building	dwellings	dwellings	Conversion(a)	building	building(a)	building
• • • • • • • • • •	• • • • • • • • •	• • • • • • • • •	PRIVATE	E SECTOR (\$ mi	llion)	• • • • • • • •	• • • • • • • • • •	• • • • • •
1998-1999	3 462.9	1 021.8	31.4	775.1	108.9	5 400.1	2 262.5	7 662.6
1999-2000	4 779.6	1 573.3	54.3	1 004.7	108.2	7 520.1	2 618.8	10 138.9
2000-2001	3 535.0	1 528.2	27.7	924.9	138.5	6 154.2	3 045.9	9 200.2
2000								
June	326.6	99.3	2.4	94.9	9.8	532.9	324.2	857.1
July	261.7	200.4	0.8	60.3	62.7	585.8	310.3	896.1
August	266.3	98.4	1.2	71.2	21.6	458.9	219.0	677.9
September October	260.5 219.2	82.3 64.8	1.4 5.4	68.4 89.1	2.0 1.8	414.6 380.2	226.9 188.6	641.5 568.8
November	346.5	91.0	6.2	87.7	3.1	534.6	226.5	761.0
December	248.8	218.7	2.8	64.0	3.5	537.8	280.1	817.9
2001								
January	240.9	140.5	1.7	62.4	0.2	445.7	181.5	627.3
February	328.1	118.1	1.8	71.1	1.7	520.9	202.7	723.6
March	320.6	204.3	2.3	93.3	21.4	641.9	323.0	964.9
April	260.6	105.5	1.1	67.6	0.6	435.4	307.3	742.6
May June	391.0 390.7	134.3 69.9	1.1 1.8	98.2 91.5	1.9 18.0	626.6 571.9	404.8 175.2	1 031.4 747.1
Julie	390.1	09.9	1.0	91.5	16.0	571.9	175.2	141.1
			PUBLIC	SECTOR (\$ mil	lion)			
1998-1999	44.8	22.4	0.3	35.4	0.1	103.0	863.2	966.2
1999-2000	45.5	19.6	0.5	42.4	0.9	108.9	593.0	701.9
2000-2001	33.6	14.7	0.0	99.7	0.0	148.0	1 012.2	1 160.2
2000								
June	2.6	1.2	0.0	4.6	0.0	8.4	26.5	34.9
July	1.6	1.5	0.0	1.9	0.0	5.1	249.9	254.9
August	2.1	3.2	0.0	10.8	0.0	16.1	48.7	64.7
September October	3.3 5.5	0.0 1.8	0.0 0.0	1.2 11.9	0.0 0.0	4.4 19.2	66.1 40.1	70.5 59.3
November	0.2	0.9	0.0	0.7	0.0	1.8	63.9	65.6
December	2.5	0.0	0.0	9.1	0.0	11.6	31.6	43.2
2001								
January	3.7	2.2	0.0	8.9	0.0	14.7	85.3	100.0
February	3.9	0.1	0.0	14.8	0.0	18.8	55.1	73.9
March	3.5	0.2	0.0	9.1	0.0	12.8	178.5	191.3
April	3.1 1.7	0.0 2.0	0.0	9.6	0.0 0.0	12.7	39.6 112.4	52.3
May June	2.6	2.0	0.0 0.0	15.4 6.4	0.0	19.1 11.9	41.0	131.5 52.9
Sano	2.0	2.0	0.0	0.4	0.0	11.5	41.0	02.0
			TO	TAL (\$ million)				
1998-1999	3 507.7	1 044.2	31.8	810.4	109.0	5 503.1	3 125.7	8 628.8
1999-2000	4 825.1	1 592.9	54.8	1 047.1	109.1	7 629.0	3 211.8	10 840.8
2000-2001	3 568.5	1 542.9	27.7	1 024.6	138.5	6 302.2	4 058.1	10 360.3
2000								
June	329.2	100.5	2.4	99.5	9.8	541.3	350.7	892.0
July	263.3	201.9	0.8	62.2	62.7	590.9	560.1	1 151.0
August	268.4	101.6	1.2	82.1	21.6	474.9	267.7	742.7
September October	263.8	82.3	1.4	69.6	2.0	419.1	292.9	712.0
November	224.7 346.7	66.6 91.8	5.4 6.2	100.9 88.5	1.8 3.1	399.3 536.3	228.7 290.4	628.1 826.7
December	251.3	218.7	2.8	73.1	3.5	549.4	311.7	861.1
2001	201.0		2.0		5.5	3.0.1	Z==:·	-U-1.1
January	244.6	142.7	1.7	71.2	0.2	460.5	266.8	727.3
February	332.0	118.3	1.8	85.9	1.7	539.7	257.8	797.6
March	324.0	204.5	2.3	102.4	21.4	654.6	501.5	1 156.2
April	263.7	105.5	1.1	77.1	0.6	448.0	346.9	794.9
May	392.7	136.3	1.1	113.7	1.9	645.7	517.2	1 162.9
June	393.2	72.8	1.8	97.9	18.0	583.7	216.2	800.0
	(a) See Gloss	sary for definition.						

NEW OTHER RESIDENTIAL BUILDING.....

	New Semi-detached, row or terrace houses, Flats units or apartments in a building ofhouses townhouses, etc. of						· · · · · · · · · · · · · · · · · · ·				artments in a building of Total		Total	Total nev residenti building
Period		One storey	Two or more storeys	Total	One or two storeys	Three storeys	Four or more storeys	Total						
• • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •				
				NUMBER (OF DWELLING	UNITS								
L998-1999	29 245	2 484	2 415	4 899	679	454	2 829	3 962	8 861	38 106				
L999-2000	36 474	2 669	3 323	5 992	760	453	4 840	6 053	12 045	48 519				
2000-2001	24 508	2 219	2 124	4 343	337	656	4 382	5 375	9 718	34 226				
2000														
April	2 574	225	320	545	62	18	174	254	799	3 373				
May	2 566	195	184	379	66	69	304	439	818	3 384				
June	2 408	170	203	379	121	51	222	394	767	3 175				
July	1 854	130	203	341	36	115	543	694	1 035	2 889				
-														
August	1 820	251	142	393	58	87 25	213	358	751	2 571				
September	1 884	136	130	266	2	35	344	381	647	2 531				
October	1 558	150	145	295	10	0	171	181	476	2 034				
November	2 360	185	149	334	17	67	201	285	619	2 979				
December	1 710	171	173	344	34	137	730	901	1 245	2 955				
2001														
January	1 675	159	141	300	33	12	552	597	897	2 572				
February	2 302	169	242	411	9	52	386	447	858	3 160				
March	2 199	194	231	425	44	23	569	636	1 061	3 260				
April	1 831	135	158	293	18	4	302	324	617	2 448				
May	2 671	332	202	534	23	45	325	393	927	3 598				
June	2 644	207	200	407	53	79	46	178	585	3 229				
	• • • • • • •	• • • • • •	• • • • • • • • • •	VAL	UE (\$ million)	• • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • •	• • • • • •	• • • • • •				
	0.505.0	404.0					404.0	500.0						
L998-1999	3 507.8	194.3	261.4	455.2	60.2	64.3	464.2	588.8	1 044.2	4 552.0				
1999-2000	4 825.0	230.4	369.1	599.3	78.0	65.0	850.3	993.4	1 592.8	6 418.0				
2000-2001	3 568.4	195.0	282.1	477.3	40.2	110.1	915.4	1 065.8	1 543.0	5 111.5				
2000														
April	346.0	19.4	33.3	52.7	9.3	3.1	24.9	37.3	90.0	436.0				
May	352.0	20.6	21.6	42.2	4.5	8.0	53.4	66.0	108.3	460.3				
June	329.2	15.0	21.5	36.5	11.0	6.7	46.3	63.9	100.5	429.7				
July	263.3	10.9	27.3	38.2	3.9	25.8	134.0	163.7	201.9	465.2				
August	268.4	22.1	19.2	41.3	6.9	16.8	36.6	60.3	101.6	370.0				
September	263.8	12.5	18.6	31.1	0.3	3.7	47.2	51.2	82.3	346.1				
October	224.7	12.7	18.5	31.2	1.6	0.0	33.8	35.4	66.6	291.3				
November										438.5				
December	346.7	14.7	18.4	33.1	2.7	8.4	47.6	58.7	91.8					
	251.3	13.6	22.1	35.7	2.4	17.3	163.3	183.0	218.7	470.0				
2001			0.1.5				101 -							
January	244.6	14.6	21.3	35.9	2.1	3.4	101.3	106.8	142.7	387.3				
February	332.0	15.3	27.9	43.2	1.9	11.8	61.3	75.1	118.3	450.3				
March	324.0	17.0	27.3	44.4	4.0	7.6	148.5	160.1	204.5	528.5				
April	263.7	11.5	23.9	35.5	1.7	1.2	67.2	70.1	105.5	369.3				
May	392.7	30.1	27.7	57.8	5.0	5.1	68.4	78.5	136.3	529.0				
June	393.2	20.0	29.9	49.9	7.7	9.0	6.2	22.9	72.8	466.0				

⁽a) See Glossary for definition.



VALUE OF BUILDING APPROVED, Chain Volume Measures(a)

Period	New houses	New other residential building	New residential building	Alterations and additions to residential buildings(b)	Total residential building	Non- residential building	Total building
• • • • • • • • • • • •	• • • • • • • • • • •	• • • • • • • • • • •	ORIGINAL	(\$ million)	•••••••	• • • • • • • • • • • •	• • • • • • •
1997-1998	3 453.9	858.2	4 314.0	947.4	5 261.4	3 296.8	8 581.1
1998-1999	3 771.3	1 122.5	4 893.9	1 024.4	5 918.2	3 257.7	9 192.8
1999-2000	4 825.0	1 592.8	6 418.1	1 211.0	7 629.1	3 211.8	10 840.8
1999							
December	1 317.6	318.3	1 636.0	300.2	1 936.2	749.2	2 684.0
2000							
March	1 305.7	571.7	1 877.5	280.6	2 158.2	772.1	2 927.3
June	986.1	281.2	1 267.3	315.4	1 582.6	897.8	2 485.3
September	701.7	348.6	1 050.4	268.3	1 318.7	1 089.3	2 408.0
December	722.3	337.2	1 059.4	250.9	1 310.3	799.8	2 110.1
2001							
March	781.3	413.9	1 195.2	251.0	1 446.2	982.1	2 428.2
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	ODICIN	Al (% abanga fr	om preceding qua	rtor)	• • • • • • • • • • • •	• • • • • • •
1999		ORIGIN	AL (% change ii	on preceding qua	itei)		
December	8.4	-24.5	-0.1	-4.6	-0.8	-5.5	-2.2
2000	0	2	0.2		0.0	0.0	
March	-0.9	79.6	14.8	-6.5	11.5	3.1	9.1
June	-24.5	-50.8	-32.5	12.4	-26.7	16.3	-15.1
September	-28.8	24.0	-17.1	-14.9	-16.7	21.3	-3.1
December	2.9	-3.3	0.9	-6.5	-0.6	-26.6	-12.4
2001							
March	8.2	22.7	12.8	0.0	10.4	22.8	15.1

⁽a) Reference year for chain volume measures is 1999-2000. (b) Refer to Explanatory Notes paragraph 18. Refer to Explanatory Notes paragraph 26-27.

NON-RESIDENTIAL BUILDING APPROVED, Jobs By Value Range: Original

	other sh	motels and nort term nodation	Shops		Factorie		Offices		Other b		Educat	onal
	accomi		3110ps				Omces		premise	·S	Educad	
Period	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	Va	alue—\$50	,000–\$19	999	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
2001				• •	1140 4 00	,,σσσ φ±ο	,0,000					
April	10	1.0	59	5.1	27	2.6	47	5.5	21	2.0	21	2.1
May	6	0.6	81	7.0	25	2.8	64	6.7	37	4.5	16	1.8
June	10	0.9	92	8.2	16	1.6	59	6.0	34	3.0	36	3.8
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •			0.000 #4		• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
2001				Va	lue—\$20	0,000-\$4	99,999					
April	2	0.8	27	7.6	13	3.9	25	7.5	17	4.9	11	3.6
May	6	2.1	15	4.8	10	2.7	28	8.6	19	5.5	9	2.9
June	2	0.7	18	5.3	20	6.8	23	7.4	10	3.2	10	3.1
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •				• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
2001				Va	lue—\$50	0,000-\$9	99,999					
April	4	3.5	5	3.5	8	4.9	9	5.7	8	6.2	4	2.8
May	2	1.0	6	4.8	3	2.8	10	5.8	11	8.1	8	6.2
June	4	2.8	5	2.9	7	4.5	8	5.3	10	6.4	6	5.0
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	Value		0,000-\$4	000 000	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •
2001				valu	e—\$1,00°	J,000-\$4	,999,999					
April	0	0.0	8	21.2	3	5.3	6	16.0	4	10.8	3	7.8
May	1	1.0	7	18.2	5	8.7	14	24.8	11	22.3	11	24.4
June	0	0.0	9	17.6	3	4.5	11	20.7	9	15.8	6	11.3
• • • • • • • • •	• • • • • •	• • • • • •	• • • • • • •					• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
2001				va	iue—\$5,C	00,000 a	na over					
April	0	0.0	3	94.9	0	0.0	2	12.0	3	19.1	0	0.0
May	0	0.0	3	100.7	0	0.0	2	17.8	2	17.0	1	5.0
June	0	0.0	1	7.3	0	0.0	0	0.0	1	8.0	0	0.0
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •
					Valu	ue—Total						
1998-1999	140	156.5	1 295	639.8	773	264.4	1 056	389.4	793	492.4	451	398.6
1999-2000	174	169.3	1 551	560.3	848	367.5	1 192	539.3	971	518.4	550	410.6
2000-2001	134	95.3	1 469	774.2	608	236.2	1 239	664.2	787	460.4	744	829.3
2001												
April	16	5.3	102	132.4	51	16.7	89	46.7	53	43.0	39	16.3
May	15	4.7	112	135.5	43	17.0	118	63.7	80	57.5	45	40.3
June	16	4.5	125	41.4	46	17.4	101	39.4	64	36.4	58	23.3

NON-RESIDENTIAL BUILDING APPROVED, Jobs By Value Range: Original continued

	Religiou	JS	Health			ment and	Miscellar	neous	Total non- residentia	I building
Period	no.	\$m	no.	\$m	no.	\$m	no.	\$m	no.	\$m
• • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	Value-	-\$50,000-S	199 999	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •
2001				Value	400,000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
April	1	0.2	13	1.6	7	0.7	12	1.5	218	22.3
May	3	0.4	11	1.0	14	1.2	22	1.9	279	27.8
June	3	0.2	7	0.8	11	1.0	22	1.6	290	27.2
• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	Value—	\$200,000-	\$499 999	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •
2001				varao	4200,000	Ψ 100,000				
April	2	0.6	10	2.8	3	1.0	5	2.0	115	34.6
May	4	1.3	7	2.2	6	2.0	2	0.6	106	32.7
June	0	0.0	9	3.1	1	0.4	5	1.6	98	31.7
• • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •				• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •
2001				Value—	\$500,000-	\$999,999				
April	1	0.5	2	1.6	1	1.0	0	0.0	42	29.7
May	0	0.0	1	0.6	1	0.6	2	1.3	44	31.1
June	2	1.7	5	3.4	2		2	1.6	51	35.0
• • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	Value \$	1 000 000	\$4,999,999	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •
2001				value—4.	1,000,000	\$ 4 ,999,999				
April	0	0.0	9	20.1	1	1.0	2	3.1	36	85.4
May	3	4.9	5	8.5	1	1.2	4	8.1	62	122.2
June	0	0.0	3	7.6	4	9.1	5	11.9	50	98.6
• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	Value—	\$5,000,000	O and over	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •
2001					, ,					
April	0	0.0	2	42.9	0	0.0	1	5.9	11	174.9
May	0	0.0	5	140.4	2	10.2	1	12.2	16	303.4
June	0	0.0	1	8.3	0	0.0	0	0.0	3	23.7
• • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	V	alue—Total	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • •
1998-1999	65	20.4	251	232.1	280	412.2	341	119.7	5 445	3 125.8
1998-1999	55	26.5	303	343.0	321	412.2 159.4	326	119.7	6 291	3 125.8
2000-2001	66	22.2	256	448.2	285	236.3	328	291.4	5 916	4 057.9
2001										
April	4	1.3	36	68.9	12	3.6	20	12.5	422	346.9
May	10	6.6	29	152.7	24	15.2	31	24.1	507	517.2
June	5	1.9	25	23.2	18	12.0	34	16.7	492	216.2
•										

	Hotels, motels										
	and other				Other				Cotostoio		Total non-
	short term accomm-				business				Entertain- ment and	Miscell-	residential
Period	odation	Shops	Factories	Offices	premises	Educational	Religious	Health	recreational	aneous	building
• • • • • • • • • • •	• • • • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • •	• • • • •	• • • • • • •
				PRIVAT	E SECTOR	(\$ million)					
1998-1999	150.3	609.6	258.3	296.5	434.5	118.0	19.7	122.7	204.1	48.9	2 262.5
1999-2000	167.7	554.2	366.0	474.9	505.4	171.0	26.5	180.4	93.0	79.6	2 618.8
2000-2001	87.2	766.2	233.7	608.1	440.8	217.6	22.2	292.0	131.4	246.8	3 045.9
2000											
June	5.6	126.6	31.5	48.5	44.1	9.0	0.4	22.0	23.2	13.3	324.2
July	4.1	53.5	25.6	27.7	32.1	15.2	0.5	2.3	8.3	141.0	310.3
August	3.0	78.1	17.8	44.9	26.6	6.6	2.7	21.7	12.0	5.6	219.0
September October	2.0 8.4	62.0 36.8	25.2 10.7	36.7 51.4	36.5 21.0	18.4 24.6	0.7 0.9	17.0 8.1	18.5 19.8	9.8 6.9	226.9 188.6
November	3.5	32.9	26.3	40.9	64.9	26.2	3.5	14.9	5.6	7.8	226.5
December	27.4	20.9	26.3	108.9	15.4	40.0	2.0	24.7	9.9	4.7	280.1
2001											
January	26.9	20.4	13.1	33.2	42.6	19.7	0.4	13.5	5.0	6.7	181.5
February	1.4	44.3	16.6	82.2	28.8	11.0	0.1	9.7	6.1	2.4	202.7
March April	2.1 0.7	112.3 132.3	22.1 16.7	49.1 43.4	40.9 43.0	17.9 9.3	1.6 1.3	19.6 49.1	35.6 1.6	21.8 9.8	323.0 307.3
May	3.7	134.1	15.7	52.0	53.1	9.3 17.1	6.6	95.9	2.8	23.5	404.8
June	4.0	38.4	17.3	37.7	36.0	11.7	1.9	15.3	6.1	6.9	175.2
• • • • • • • • • •											• • • • • • •
				PUBLI	C SECTOR	(\$ million)					
1000 1000	6.1	30.2	6.3	02.0	EQ 1	200.6	0.0	100.2	207.0	70.0	863.2
1998-1999 1999-2000	1.4	6.1	1.4	93.0 64.5	58.1 13.1	280.6 239.7	0.8 0.0	109.3 162.8	207.9 66.5	70.9 37.4	593.0
2000-2001	8.1	8.1	2.6	56.1	19.7	611.8	0.0	156.3	105.0	44.5	1 012.2
2000											
June	0.4	0.1	0.0	3.3	1.1	7.3	0.0	0.1	7.6	6.6	26.5
July August	0.3 0.0	1.8 0.6	0.0 0.0	8.1 3.7	0.1 0.2	220.6 32.6	0.0 0.0	6.0 3.2	11.3 6.1	1.6 2.4	249.9 48.7
September	0.0	0.2	0.0	1.5	2.1	34.5	0.0	1.8	14.1	11.8	66.1
October	0.4	0.3	0.6	2.3	2.9	28.8	0.0	1.7	1.8	1.3	40.1
November	0.3	0.1	0.0	3.5	1.9	28.3	0.0	8.6	18.2	3.1	63.9
December	0.0	0.3	0.0	2.7	0.0	14.4	0.0	9.4	2.7	2.1	31.6
2001						40.0		400	4.0		
January February	0.8 0.1	0.3 0.0	0.3 0.4	3.7 4.8	5.7 0.2	49.6 28.8	0.0 0.0	18.3 17.3	1.9 1.7	4.6 1.8	85.3 55.1
March	0.1	0.0	0.4	9.0	1.8	132.4	0.0	5.6	26.8	2.8	178.5
April	4.6	0.1	0.1	3.3	0.1	7.1	0.0	19.8	2.0	2.7	39.6
May	1.0	1.4	1.0	11.7	4.4	23.2	0.0	56.8	12.4	0.6	112.4
June	0.5	3.0	0.1	1.7	0.4	11.6	0.0	7.9	5.9	9.8	41.0
• • • • • • • • • •	• • • • • • • • • • •		• • • • • •			• • • • • • • •	• • • • • • •				
				Т	OTAL (\$ m	illion)					
1998-1999	156.4	639.8	264.6	389.4	492.6	398.6	20.5	232.0	412.0	119.8	3 125.7
1999-2000	169.1	560.3	367.5	539.4	518.5	410.8	26.5	343.1	159.5	117.0	3 211.8
2000-2001	95.3	774.2	236.3	664.2	460.5	829.5	22.2	448.2	236.4	291.4	4 058.1
2000											
June	6.0	126.8	31.5	51.7	45.2	16.3	0.4	22.1	30.8	19.9	350.7
July	4.4	55.3	25.6	35.8	32.2	235.8	0.5	8.3	19.7	142.5	560.1
August	3.0	78.7	17.8	48.6	26.7	39.2	2.7	24.9	18.1	8.0	267.7
September	2.0	62.2	25.3	38.2	38.6	52.9	0.7	18.9	32.5	21.6	292.9
October	8.8	37.1	11.3	53.6	23.8	53.4	0.9	9.8	21.7	8.3	228.7
November December	3.8	33.0	26.3	44.4 111 7	66.8	54.4	3.5	23.4	23.8	10.9	290.4
2001	27.4	21.2	26.3	111.7	15.4	54.4	2.0	34.1	12.6	6.8	311.7
January	27.7	20.8	13.4	36.9	48.3	69.2	0.4	31.8	6.9	11.3	266.8
February	1.5	44.3	17.0	87.0	29.0	39.8	0.1	27.0	7.8	4.2	257.8
March	2.2	112.3	22.1	58.2	42.7	150.3	1.6	25.2	62.4	24.5	501.5
April	5.3	132.4	16.7	46.7	43.0	16.3	1.3	68.9	3.6	12.5	346.9
May	4.7	135.5	17.0	63.7	57.5	40.3	6.6	152.7	15.2	24.1	517.2
June	4.5	41.4	17.4	39.4	36.4	23.3	1.9	23.2	12.0	16.7	216.2

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BUILDING APPROVED IN THE MELBOURNE STATISTICAL DIVISION: Original

	DWELL	INGS (no.)		VALUE (\$'0	000)				
Period	New houses	New other residential building	Total dwellings(a)	New houses	New other residential building	Alterations and additions to residential building(b)	Total residential building	Non- residential building	Total building
• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • • • • •
				PRIVA	ATE SECTOR				
1999-2000 2000-2001	25 931 17 234	11 160 8 969	38 611 27 493	3 573 973 2 608 574	1 517 367 1 465 287	988 607 916 113	6 079 948 4 989 974	2 223 443 2 657 262	8 303 391 7 647 236
2000									
June	1 747	687	2 536	250 378	94 465	90 861	435 704	283 154	718 857
July	1 367	952	2 790	203 442	192 248	113 383	509 073	284 829	793 902
August	1 290	658	2 118	200 476	90 717	81 011	372 203	192 998	565 201
September	1 361	559	1 950	198 533	74 985	56 038	329 556	179 274	508 830
October	957	423	1 442	145 963	61 816	79 959	287 738	146 968	434 706
November	1 730	571	2 436	267 383	87 958	82 453	437 794	194 799	632 593
December	1 175	1 201	2 423	178 664	214 815	58 268	451 748	240 183	691 931
2001									
January	1 120	863	2 012	170 362	139 882	51 960	362 205	157 901	520 106
February	1 664	826	2 514	245 200	114 691	61 736	421 627	183 105	604 732
March	1 553	1 029	2 710	233 164	200 189	98 142	531 495	276 978	808 472
April	1 245	584	1 851	188 527	100 515	55 170	344 211	282 213	626 424
May	1 889	798	2 756	288 358	123 374	83 552	495 284	370 723	866 007
June	1 883	505	2 491	288 503	64 098	94 440	447 041	147 292	594 333
• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • •			• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • •
				PUBL	LIC SECTOR				
4000 0000	205	040	000	05.740	45.004	00.750	04.000	407.454	500,000
1999-2000	395	216	629	35 716	15 361	30 752	81 829	427 454	509 283
2000-2001	226	152	378	27 206	11 083	74 301	112 589	810 633	923 222
0000									
2000	24	10	42	2.069	1 100	2 200	F 650	22 247	27.075
June	24	19	43	2 068	1 192	2 399	5 659	22 217	27 875
July	17	19	36	1 637	1 367	1 539	4 543	235 644	240 187
August September	10	22 0	32	1 391	1 677	7 793	10 860	34 798	45 658
October	32		32	3 256	1 794	1 077	4 332	36 969 31 344	41 301
	42	26	68	4 902	1 784	7 384	14 070	31 344	45 414
November December	2	13 0	15	209	852 0	335	1 397	43 118	44 515
	11	U	11	1 697	U	4 921	6 618	20 388	27 006
2001	24	27	E1	0.704	0.470	7.051	11.050	67.046	79 796
January February	24	2	51	2 721	2 178	7 051	11 950	67 846	65 094
March	23 17	2	25 19	3 196 2 695	140 180	12 135 8 574	15 471 11 449	49 623 157 625	169 073
April	19	0	19	2 522	0	8 141	10 663	27 090	37 754
May	15	0	15	1 476	0	13 587	15 063	80 418	95 481
June	14	41	55	1 504	2 905	1 764	6 174	25 770	31 944
• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • •	• • • • • • • • • •	• • • • • • • • • •	• • • • • • • • •	• • • • • • • • •
					TOTAL				
1999-2000 2000-2001	26 326 17 460	11 376 9 121	39 240 27 871	3 609 689 2 635 780	1 532 728 1 476 370	1 019 360 990 414	6 161 777 5 102 563	2 650 898 3 467 895	8 812 674 8 570 458
2000									
June	1 771	706	2 579	252 446	95 657	93 259	441 362	305 370	746 732
July	1 384	971	2 826	205 079	193 615	114 922	513 616	520 473	1 034 088
August	1 300	680	2 150	201 866	92 393	88 804	383 064	227 796	610 860
September	1 393	559	1 982	201 788	74 985	57 114	333 888	216 243	550 130
October	999	449	1 510	150 865	63 601	87 343	301 808	178 312	480 120
November	1 732	584	2 451	267 592	88 810	82 788	439 190	237 917	677 107
December	1 186	1 201	2 434	180 361	214 815	63 189	458 366	260 571	718 937
2001									
January	1 144	890	2 063	173 084	142 060	59 012	374 155	225 746	599 901
February	1 687	828	2 539	248 396	114 831	73 871	437 098	232 729	669 826
March	1 570	1 031	2 729	235 858	200 369	106 716	542 943	434 602	977 546
April	1 264	584	1 870	191 049	100 515	63 311	354 875	309 303	664 178
May	1 904	798	2 771	289 834	123 374	97 139	510 347	451 141	961 487
June	1 897	546	2 546	290 007	67 003	96 204	453 215	173 063	626 277
	(a) Refer t	o footnote (a)	in Table 12.			(b) Refe	er to the Explanatory	Notes paragraph	18.

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Mornington P'sula (S)-West

154

12

166

23 706

5 553

35 083

1 907

3 9 1 7

29 530

	DWELLINGS (no.)		VALUE (VALUE (\$'000)					
	New houses	New other residential building	Total dwellings(a)	New houses	New other residential buildings	Alterations and additions to residential buildings(b)	Total residential building	Non- residential building	Total building
• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • • • •	STATI	STICAL AREA	4	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • •
Parties (CD)	601	70	673		9 112	15 133	100.000	22 567	132 533
Barwon (SD) Greater Geelong City Part A (SSD)	601 297	70 27	324	85 721 39 071	9 112 2 987	7 116	109 966 49 175	22 367 11 939	61 114
Bellarine–Inner	73	0	73	8 571	2 907	481	9 052	11 939 764	9 816
Corio–Inner	93	10	103	11 665	789	1 908	14 362	3 469	17 832
Geelong	11	3	14	1 703	620	1 224	3 548	4 571	8 118
Geelong West	9	2	11	803	180	997	1 980	0	1 980
Newton	9	4	13	1 686	690	1 804	4 180	100	4 280
South Barwon-Inner	102	8	110	14 643	708	702	16 053	3 034	19 088
East Barwon (SSD)	227	43	270	35 077	6 125	6 277	47 479	7 324	54 802
Greater Geelong (C) -Pt B	147	5	152	21 674	590	2 416	24 680	2 104	26 784
Queenscliffe (B)	5	0	5	630	0	354	984	3 757	4 742
Surf Coast (S)–East	38	4	42	6 594	535	1 678	8 807	370	9 177
Surf Coast (S)–West	37	34	71	6 179	5 000	1 829	13 008	1 092	14 101
West Barwon (SSD)	77	0	79	11 573	0	1 740	13 313	3 305	16 617
Colac-Otway (S)-Colac	8	0	8	1 157	0	515	1 672	1 370	3 042
Colac-Otway (S)-North	4	0	4	528	0	169	697	546	1 243
Colac-Otway (S)-South	34	0	36	5 991	0	553	6 544	1 139	7 683
Golden Plains (S)-North-West	11	0	11	1 125	0	133	1 259	0	1 259
Golden Plains (S)–South-East	20	0	20	2 771	0	330	3 101	56	3 157
Greater Geelong (C)-Pt C	0	0	0	0	0	40	40	194	234
Western District (SD) Hopkins (SSD)	53 31	8 8	62 40	8 853 4 882	650 650	4 134 2 209	13 638 7 741	8 816 6 743	22 454 14 484
Corangamite (S)–North	4	0	40	4 662	0	2 209 445	905	2 451	3 356
Corangamite (S)–North	4	0	4	665	0	317	982	2 361	3 343
Moyne (S)–North-East	0	0	0	0	0	46	46	2 301	46
Moyne (S)–North-West	0	0	0	0	0	47	47	0	47
Moyne (S)–South	14	0	15	2 727	0	1 024	3 751	852	4 603
Warrnambool (C)	9	8	17	1 030	650	330	2 010	1 079	3 088
Lady Julia Percy Island	0	0	0	0	0	0	0	0	0
Glenelg (SSD)	22	0	22	3 971	0	1 925	5 897	2 074	7 970
Glenelg (S)-Heywood	1	0	1	100	0	465	565	0	565
Glenelg (S)-North	1	0	1	156	0	46	202	0	202
Glenelg (S)-Portland	6	0	6	858	0	390	1 248	440	1 688
S. Grampians (S)-Hamilton	8	0	8	1 541	0	526	2 067	648	2 715
S. Grampians (S)-Wannon	0	0	0	0	0	218	218	636	854
S. Grampians (S)-Balance	6	0	6	1 316	0	281	1 596	350	1 946
Central Highlands (SD)	201	9	210	26 842	1 044	6 331	34 217	34 265	68 482
Ballarat City (SSD)	128	7	135	17 959	865	3 578	22 402	22 631	45 033
Ballarat (C)-Central	24	5	29	2 951	623	1 784	5 358	16 540	21 898
Ballarat (C)-Inner North	73	2	75	11 438	242	1 170	12 850	3 782	16 632
Ballarat (C)-North	1	0	1	100	0	0	100	0	100
Ballarat (C)-South	30	0	30	3 470	0	624	4 094	2 309	6 403
East Central Highlands (SSD)	59	2	61	6 964	179	2 031	9 174	7 411	16 585
Hepburn (S)–East	18	0	18	1 619	0	647	2 266	5 180	7 446
Hepburn (S)-West	3	0	3	156	0	216	372	620	992
Moorabool (S)–Bacchus Marsh	24	0	24	3 539	0	350	3 889	1 611	5 500
Moorabool (S)-Ballan	11	2	13	1 104	179	716	1 999	0	1 999
Moorabool (S)-West	3	0	3	545	0	102	647	0	647

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	New houses	New other residential building	Total dwellings(a)	New houses	New other residential buildings	Alterations and additions to residential buildings(b)	Total residential building	Non- residential building	Total building
• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	STATI	STICAL ARE	<i>H</i>	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • •
West Central Highlands (SSD)	14	0	14	1 919	0	722	2 642	4 223	6 865
Ararat (RC)	10	0	10	1 357	0	630	1 987	3 343	5 330
Pyrenees (S)–North	2	0	2	206	0	0	206	460	666
Pyrenees (S)–South	2	0	2	356	0	93	449	420	869
Wimmera (SD)	34	2	36	5 059	186	1 370	6 615	6 448	13 063
South Wimmera (SSD)	31	2	33	4 469	186	1 202	5 858	2 416	8 274
Horsham (RC)–Central	16	0	16	2 435	0	615	3 049	1 402	4 451
Horsham (RC)-Balance	6	0	6	1 141	0	133	1 274	650	1 924
N. Grampians (S)–St Arnaud	1	0	1	164	0	0	164	0	164
N. Grampians (S)–Stawell	5	2	7	395	186	231	812	364	1 176
West Wimmera (S)	3	0	3	335	0	224	558	0	558
North Wimmera (SSD)	3	0	3	589	0	168	757	4 032	4 789
Hindmarsh (S)	3	0	3	589	0	103	693	3 775	4 468
Yarriambiack (S)-North	0	0	0	0	0	65	65	257	321
Yarriambiack (S)–South	0	0	0	0	0	0	0	0	0
Mallee(SD)	108	64	172	13 584	4 401	3 281	21 266	11 178	32 444
Mildura Rural City Part A (SSD)	80	64	144	10 445	4 401	1 396	16 242	7 237	23 480
Mildura (RC)-Pt A	80	64	144	10 445	4 401	1 396	16 242	7 237	23 480
West Mallee (SSD)	2	0	2	240	0	285	525	320	945
Buloke (S)–North	0	0	0	0	0	263 83	83	179	845 262
Buloke (S)–South	0	0	0	0	0	0	0	141	141
Mildura (RC)–Pt B	2	0	2	240	0	202	442	0	442
Foot Mollon (SSD)	26	0	06	2.000	0	1 600	4 400	2.620	0.110
East Mallee (SSD) Gannawarra (S)	26 8	0 0	26 8	2 899 940	0 0	1 600 462	<i>4 4</i> 99 1 403	3 620 1 067	8 119 2 470
Swan Hill (RC)–Central	8	0	8	1 154	0	715	1 869	1 678	3 547
Swan Hill (RC)–Robinvale	7	0	7	473	0	139	612	727	1 339
Swan Hill (RC)-Balance	3	0	3	331	Ö	284	615	148	763
	· ·	ŭ	· ·	552	· ·	20.	010	1.0	
Loddon (SD)	224	13	237	30 660	1 905	6 192	38 757	16 070	54 827
Greater Bendigo City Part A (SSD)	128	9	137	17 315	1 680	3 238	22 233	7 160	29 393
Greater Bendigo (C)-Central	5	3	8	739	1 200	605	2 543	4 534	7 077
Greater Bendigo (C)–Eaglehawk Greater Bendigo (C)–Inner East	7	0	7	883	0	109	992	210	1 202
Greater Bendigo (C)–Inner North	38 15	6 0	44 15	5 359 1 769	480 0	1 306 652	7 145 2 421	160 470	7 305 2 891
Greater Bendigo (C)–Inner West	39	0	39	4 928	0	189	5 117	775	5 892
Greater Bendigo (C)–S'saye	24	0	24	3 637	0	377	4 014	1 012	5 026
North Loddon (SSD)	45	0	45	4 670	0	1 322	5 992	2 485	8 478
C. Goldfields (S)–M'borough	6	0	6	766	0	174	939	0	939
C. Goldfields (S)–Balance Gr Bendigo (C)–Pt B	2 17	0 0	2	111 1 806	0	32	143	1 270	143
Loddon (S)–North	0	0	17		0	335	2 141	1 370	3 511
Loddon (S)-North Loddon (S)-South	1	0	0 1	0 36	0	0 284	0 320	68 253	68 572
Mount Alexander (S)–C'maine	7	0	7	803	0	217	1 020	190	1 210
Mount Alexander (S)–Balance	12	0	12	1 149	0	281	1 430	604	2 034
South Loddon (SSD)	51	4	55	8 675	225	1 632	10 531	6 424	16 956
Macedon Ranges (S)-Kyneton	12	0	12	1 536	0	260	1 796	5 015	6 811
Macedon Ranges (S) Ralance	16	4	20	2 652	225	203	3 080	194	3 274
Macedon Ranges (S)–Balance	23	0	23	4 486	0	1 169	5 655	1 215	6 871

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	New houses	New other residential building	Total dwellings(a)	New houses	New other residential buildings	Alterations and additions to residential buildings(b)	Total residential building	Non- residential building	Total building
• • • • • • • • • • • • • • • • • • • •	• • • • •	• • • • • • •	STATIS	TICAL AREA	• • • • • • • •		• • • • • • •	• • • • • • • •	• • • • •
Goulburn (SD)	291	3	296	38 203	270	7 438	45 911	30 179	76 089
Greater Shepparton City Part A (SSD)		0	68	9 722	0	1 914	11 636	4 250	15 887
Gr. Shepparton (C) Pt A	68	0	68	9 722	0	1 914	11 636	4 250	15 887
North Goulburn (SSD)	81	3	84	10 228	270	2 385	12 882	20 204	33 086
Campaspe (S)–Echuca	21	0	21	2 797	0	393	3 190	14 774	17 964
Campaspe (S)–Kyabram	13	0	13	1 524	0	331	1 855	474	2 329
Campaspe (S)–Rochester	3	0	3	257	0	77	333	612	945
Campaspe (S)–South	5	0	5	498	0	78	576	136	712
Gr. Shepparton (C)-Pt B East	2	0	2	279	0	211	490	60	550
Gr. Shepparton (C)-Pt B West	7	0	7	993	0	263	1 256	2 999	4 255
Moira (S) Hast	13	3	16	1 745	270	503	2 518	0	2 518
Moira (S)-West	17	0	17	2 136	0	529	2 665	1 149	3 814
South Goulburn (SSD)	32	0	34	3 871	0	1 004	4 875	2 216	7 091
Delatite (S)-Benalla	8	0	8	875	0	250	1 125	530	1 655
Delatite (S)-North	5	0	7	787	0	254	1 041	70	1 111
Delatite (S)–South	8	0	8	973	0	180	1 153	856	2 009
Strathbogie (S)	11	0	11	1 236	0	320	1 556	760	2 316
South West Goulburn (SSD)	110	0	110	14 382	0	2 136	16 517	3 508	20 026
Mitchell (S)-North	6	0	6	548	0	454	1 003	380	1 382
Mitchell (S)-South	68	0	68	9 873	0	955	10 829	2 489	13 318
Murrindindi (S)–East	15	0	15	1 725	0	292	2 017	259	2 277
Murrindindi (S)-West	21	0	21	2 235	0	434	2 669	380	3 049
Ovens-Murray (SD)	144	6	153	19 289	645	3 690	23 623	2 250	25 874
Wodonga (SSD)	87	2	89	11 919	200	1 442	13 561	591	14 152
Indigo (S)-Pt A	20	0	20	2 600	0	324	2 925	120	3 045
Towong (S)-Pt A	2	0	2	336	0	13	349	0	349
Wodonga (RC)	65	2	67	8 983	200	1 105	10 288	471	10 759
West Ovens-Murray (SSD)	36	4	41	4 939	445	1 361	6 745	1 219	7 965
Indigo (S)-Pt B	4	0	4	652	0	184	836	80	916
Wangaratta (RC)-Central	18	4	22	2 301	445	775	3 521	839	4 360
Wangaratta (RC)-North	6	0	7	771	0	163	934	150	1 084
Wangaratta (RC)-South	8	0	8	1 215	0	239	1 454	150	1 604
East Ovens-Murray (SSD)	21	0	23	2 431	0	886	3 316	440	3 757
Alpine (S)-East	19	0	21	2 211	0	568	2 779	260	3 039
Alpine (S)-West	0	0	0	0	0	75	75	180	255
Towong (S)-Pt B	2	0	2	220	0	242	462	0	462
East Gippsland (SD)	97	4	101	10 696	320	2 468	13 484	6 318	19 802
East Gippsland Shire (SSD)	57	0	57	6 055	0	1 676	7 731	3 836	11 568
E. Gippsland (S)-Bairnsdale	45	0	45	5 055	0	1 333	6 387	3 141	9 529
E. Gippsland (S)–Orbost	6	0	6	470	0	160	630	482	1 112
E. Gippsland (S)–South-West	3	0	3	344	0	75	418	0	418
E. Gippsland (S)-Balance	3	0	3	187	0	108	295	213	508
Wellington Shire (SSD)	40	4	44	4 641	320	792	5 753	2 481	8 234
Wellington (S)–Alberton	6	0	6	819	0	192 144	962	60	1 022
Wellington (S)–Alberton	3	0	3	455	0	115	570	270	840
Wellington (S)–Maffra	8	0	8	818	0	260	1 078	175	1 253
Wellington (S)–Rosedale	13	0	13	1 344	0	157	1 500	1 015	2 516
Wellington (S)–Sale	10	4	14	1 206	320	117	1 643	961	2 604
- 0 (-,									

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VALUE (\$'000)..... DWELLINGS (no.)..... Alterations New other New other and additions Total Non-New residential Total New residential to residential residential residential Total buildings building dwellings(a) building building houses houses buildings(b) building STATISTICAL AREA Gippsland (SD) 350 5 145 328 22 39 861 6 526 51 532 8 740 60 272 La Trobe Valley (SSD) 0 53 7 073 0 1 905 8 978 2 994 11 972 53 Baw Baw (S)-Pt A 305 0 2 0 2 0 72 377 377 Latrobe (C)-Moe 7 0 7 845 0 201 1 046 700 1 746 Latrobe (C)-Morwell 3 0 3 478 0 783 1 261 377 1 638 Latrobe (C)-Traralgon 849 41 0 41 5 444 0 6 293 1916 8 2 1 0 Latrobe (C)-Balance 0 0 0 0 0 0 West Gippsland (SSD) 230 1 370 9 930 908 10 838 58 2 60 8 331 Baw Baw (S)-Pt B East 4 0 4 327 0 109 436 108 544 Baw Baw (S)-Pt B West 1 242 9 476 10 276 54 2 56 8 004 230 800 Yarra Ranges (S)-Pt B 0 0 0 0 0 19 19 0 19 South Gippsland (SSD) 24 457 3 251 37 462 217 20 237 4 915 32 623 4 839 Bass Coast (S)-Phillip Island 964 9 266 3 700 13 929 981 14 910 87 9 96 Bass Coast (S)-Balance 78 11 89 8 605 1 215 1 539 11 359 719 12 078 South Gippsland (S)-Central 4 359 4 889 33 0 4 067 292 530 33 0 South Gippsland (S)-East 5 0 5 630 0 215 844 2 2 2 9 3 073 South Gippsland (S)-West 14 0 14 1 890 0 241 2 132 380 2 512 French Island 0 0 0 0 0 0 0 0 0 Bass Strait Islands 0 0 0 STATISTICAL DISTRICT Albury-Wodonga (NSW/Vic) 3 208 143 7 151 20 235 580 24 023 6 644 30 667 Geelong Vic 297 27 324 39 071 2 987 7 116 49 175 11 939 61 114 Ballarat Vic 128 135 17 959 865 3 578 22 402 22 631 45 033 7 Bendigo Vic 9 137 17 315 1 680 3 238 22 233 7 160 29 393 128 Shepparton Vic 68 68 1 914 11 636 4 250 15 887 0 9 722 0 La Trobe Valley Vic 53 0 53 7 073 0 1 905 8 978 2 994 11 972 Mildura Vic 10 445 4 401 1 396 16 242 7 237 23 480 80 64 144 (a) Includes conversions and dwelling units approved as part of (b) Refer to Explanatory Notes paragraph 18. alterations and additions or the construction of non-residential buildings.

INTRODUCTION

SCOPE

- **1** This publication presents monthly details of building work approved.
- 2 Statistics of building work approved are compiled from:
- permits issued by local government authorities and other principal certifying authorities;
- contracts let or day labour work authorised by Commonwealth, State, semi-government and local government authorities;
- major building approvals in areas not subject to normal administrative approval e.g. building on remote mine sites.
- **3** The scope of the survey comprises the following:
- construction of new buildings;
- alterations and additions to existing buildings;
- approved non-structural renovation and refurbishment work;
- approved installation of integral building fixtures.
- 4 From July 1990, the statistics include:
- all approved new residential building valued at \$10,000 or more;
- approved alterations and additions to residential building valued at \$10,000 or more;
- all approved non-residential building jobs valued at \$50,000 or more.
- **5** Excluded from the statistics is construction activity not defined as building (e.g. roads, bridges, railways, earthworks, etc.). Statistics for this activity can be found in *Engineering Construction Activity, Australia* (Cat. no. 8762.0).
- **6** Statistics on the value of building work approved are derived by aggregating the estimated 'value of building work when completed' as reported on building approval documents provided to local councils or other building approval authorities. Conceptually these value data should exclude the value of land and landscaping but include site preparation costs. These estimates are usually a reliable indicator of the completed value of 'houses'. However, for 'other residential buildings' and 'non-residential buildings', they can differ significantly from the completed value of the building as final costs and contracts have not been established before council approval is sought and gained.
- **7** The ABS generally accepts values provided by approving bodies. Every effort is made to ensure data are provided on a consistent basis, however, there may be instances where value data reported does not reflect the building completion value. For example, the reported value for most project homes is the contract price, which may include the cost of site preparation and landscaping. In other cases where a builder is contracted to construct a dwelling based on the owner's plans, the value may only be the builder's costs. Some councils do not use the value on approval documents, instead deriving a value based on floor area and type of structure.
- **8** From July 2000, value data includes the Goods and Services Tax (GST) for residential and non-residential building approvals. The ABS has consulted with councils and other approving authorities to ensure that approval values are reported inclusive of the GST.

VALUE DATA

VALUE DATA continued

- **9** However, it is not certain that at present the GST is being reflected in all values. In particular, councils that use floor area calculation to derive a value may not have amended their formulae to take account of the GST and other price changes. Where it has been identified by a council or other approving authority that approvals submitted from its jurisdiction are on a GST-exclusive basis, the ABS has made adjustments to the data to ensure that values are consistent with other data collected and are inclusive of GST.
- **10** As building work approved before 1 July 2000 attracted GST on that portion of the work not completed by 30 June it is likely, but not certain, that the value reported on approvals documents submitted before 30 June included the GST.
- OWNERSHIP **11** Building ownership is classified as either public or private sector and is based on the sector of intended owner of the completed building at the time of approval.

Residential buildings constructed by private sector builders under government housing authority schemes are classified as public sector when the authority has contracted, or intends to contract, to purchase the building on or before

completion.

BUILDING CLASSIFICATIONS

- **12** Building approvals are classified both by the Type of Building (e.g. 'house', 'factory') and by the Type of Work involved (e.g. 'new', 'alterations and additions' and 'conversions'). These classifications are often used in conjunction with each other in this publication and are defined in the Glossary.
- **13** The Type of Building classification refers to the intended major function of a building. A building which is ancillary to other buildings or forms a part of a group of related buildings is classified to the function of the specific building, not to the function of the group as a whole.
- **14** An example is the treatment of building work approved for a factory complex. For instance, a detached administration building would be classified to Offices, a detached cafeteria building to Shops, while the factory buildings would be classified to Factories.
- **15** An exception to this rule is the treatment of group accommodation buildings. For example, a student accommodation building on a university campus would be classified to Education.
- **16** In the case of a large multi-function building which, at the time of approval is intended to have more than one purpose (e.g. a hotel/shops/casino project), the ABS endeavours to split the approval details according to each main function.
- **17** Where this is not possible because separate details cannot be obtained, the building is classified to the predominant function of the building on the basis of the function which represents the highest proportion of the total value of the project.
- **18** The Type of Work classification refers to the building activity carried out Conversion jobs are shown separately in tables 5 and 6. However, in other tables they are included within existing categories, as follows: in tables 1, 2, 11 and 12 they are included in the appropriate Type of Building category, and in tables 3, 4, 11 and 12 they are included in the 'Alterations and additions to residential buildings' category.

SEASONAL ADJUSTMENT

19 Seasonal adjustment is a means of removing the estimated effects of seasonal variation from the series so that the effects of other influences can be more clearly recognised.

SEASONAL ADJUSTMENT continued

- **20** In the seasonal adjustment of series, account has been taken of both normal seasonal factors and 'trading day' effects arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month. Adjustment has also been made for the influence of Easter which may affect the March and April estimates differently.
- **21** Seasonal adjustment does not remove from the series the effect of irregular or non-seasonal influences (e.g. the approval of large projects or a change in the administrative arrangements of approving authorities).
- **22** Some of the component series have been seasonally adjusted independently. Therefore, the adjusted components may not add to the adjusted totals.
- **23** As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's data. The timing of this review may vary and when appropriate will be notified in the 'Data Notes' section of this publication.

TREND ESTIMATES

- **24** Smoothing seasonally adjusted series reduces the impact of the irregular component of the seasonally adjusted series and creates trend estimates. For monthly series, these trend estimates are derived by applying a 13–term Henderson–weighted moving average to all months of the seasonally adjusted series except the last six months. Trend series are created for the last six months by applying surrogates of the Henderson moving average to the seasonally adjusted series. For further information, see *Information Paper: A Guide to Interpreting Time Series—Monitoring 'Trends': an Overview* (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on Canberra 02 6252 6076.
- **25** While the smoothing techniques described in paragraph 24 enable trend estimates to be produced for the latest few periods, they do result in revisions to the trend estimates as new data becomes available. Generally, revisions become smaller over time and, after three months, usually have a negligible impact on the series. Revisions to the original data and re-analysis of seasonal factors may also lead to revisions to the trend.

CHAIN VOLUME MEASURES

- **26** The chain volume measures appearing in this publication are annually re-weighted chain Laspeyres indexes referenced to current price values in a chosen reference year. The reference year will be updated annually in the September publication. While current price estimates reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes. The direct impact of the GST is a price change, and hence is removed from the chain volume estimates.
- **27** Further information on the nature and concepts of chain volume measures is contained in the ABS publication *Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (Cat. no. 5248.0).

AUSTRALIAN STANDARD
GEOGRAPHICAL CLASSIFICATION
(ASGC)

- **28** Area statistics are now being classified to the *Australian Standard Geographical Classification (ASGC)*, *2000 Edition* (Cat. no. 1216.0), effective from 1 July 2000, and ASGC terminology has been adopted in the presentation of building statistics.
- **29** Some Statistical Districts straddle State/Territory boundaries. The Albury–Wodonga Statistical District lies partly in Victoria and partly in New South Wales.

ABS DATA AVAILABLE ON REQUEST

30 As well as the statistics included in this and related publications, the ABS may have other relevant data available on request. Inquiries should be made to the National Information and Referral Service on 1300 135 070.

RELATED PUBLICATIONS

- **31** Users may also wish to refer to the following publications:
 - Building Activity, Australia (Cat. no. 8752.
- Building Approvals, Australia (Cat. no. 8731.0)0)
- Building Activity, Australia: Dwelling Unit Commencements (Cat. no. 8750.0)
- Building Activity, Victoria (Cat. no. 8752.2)
- Construction Work Done, Australia, Preliminary (Cat. no. 8755.0)
- Engineering Construction Activity, Australia (Cat. no. 8762.0)
- House Price Indexes: Eight Capital Cities (Cat. no. 6416.0)
- Housing Finance for Owner Occupation, Australia (Cat. no. 5609.0)
- Price Index of Materials Used in Building Other than House Building, Six State Capital Cities (Cat. no. 6407.0)
- Price Index of Materials Used in House Building, Six State Capital Cities (Cat. no. 6408.0)
- **32** While building approvals value series are shown inclusive of GST, this is different to the value series shown in the Building Activity publications (Cat. nos 8752.0, 8752.2 and 8755.0), in which residential work will be published inclusive of GST and non-residential work exclusive of GST. In the *Engineering Construction Activity, Australia* (Cat. no. 8762.0) all values will exclude GST.

ROUNDING

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

SYMBOLS AND OTHER USAGES

n.a. not availablen.y.a. not yet availableB BoroughC CityRC Rural City

SD Statistical Division SSD Statistical Subdivision

S Shire

GLOSSARY

Alterations and additions

Building activity carried out on existing buildings. Includes adding to or diminishing floor area, altering the structural design of a building and affixing rigid components which are integral to the functioning of the building.

Alterations and additions to residential buildings

Alterations and additions carried out on existing residential buildings, which may result in the creation of new dwelling units. See also Explanatory Notes paragraph 12.

Building

A building is a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design is the provision for regular access by persons in order to satisfy its intended use.

Conversion

Building activity which converts a non-residential building to a residential building, e.g. conversion of a warehouse to residential apartments. Conversion is considered to be a special type of alteration, and these jobs have been separately identified as such from the July 1996 reference month, though they have only appeared separately in this publication from the April 1998 issue. Prior to that issue, conversions were published as part of the 'Conversions, etc.' category or included elsewhere within a table. Prior to July 1996, table 5 includes the number of Conversions in the 'Alterations and additions to residential buildings' category while table 6 includes the value of Conversions in the 'Alterations and additions to residential buildings, creating dwellings' category. See also Explanatory Notes paragraph 12.

Dwelling unit

A dwelling unit is a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Regardless of whether they are self-contained or not, units within buildings offering institutional care (e.g. hospitals) or temporary accommodation (e.g. motels, hostels and holiday apartments) are not defined as dwelling units. Such units are included in the appropriate category of non-residential building approvals. Dwelling units can be created in one of four ways: through new work to create a residential building; through alteration/addition work to an existing residential building or through conversion of a non-residential building to a residential building.

Educational

Includes schools, colleges, kindergartens, libraries, museums and universities.

Entertainment and recreational

Includes clubs, cinemas, sport and recreation centres.

Factories

Includes paper mills, oil refinery buildings, brickworks and powerhouses.

Flats, units or apartments

Dwellings not having their own private grounds and usually sharing a common entrance, foyer or stairwell.

Health

Includes hospitals, nursing homes, surgeries, clinics and medical centres.

Hotels, motels and other short term accommodation

Includes hostels, boarding houses, guest houses, and holiday apartment buildings.

House

A house is a detached building primarily used for long term residential purposes. It consists of one dwelling unit. For instance, detached 'granny flats' and detached dwelling units (e.g. caretaker's residences) associated with a non-residential building are defined as houses.

GLOSSARY

Miscellaneous Includes justice and defence buildings, welfare and charitable homes, prisons and

reformatories, maintenance camps, farming and livestock buildings, veterinary

clinics, child-minding centres, police stations and public toilets.

New building work Building activity which will result in the creation of a building which previously

did not exist.

buildings

New other residential Building activity which will result in the creation of a residential building other

than a house, which previously did not exist.

New residential Building activity which will result in the creation of any residential building

(house or other residential) which previously did not exist.

Non-residential building A non-residential building is primarily intended for purposes other than long

term residential purposes. Note that, on occasions, one or more dwelling units may be created through non-residential building activity. Prior to the April 1998 issue of this publication, they have been included in the 'Conversions, etc.' column in tables showing dwelling units approved. They are now identified separately (e.g. see table 5). However, the value of these dwelling units cannot be separated out from that of the non-residential building which they are part of,

therefore the value associated with these remain in the appropriate

Non-residential category.

Offices Includes banks, post offices and council chambers.

Other business premises
Includes warehouses, service stations, transport depots and terminals, electricity

substation buildings, telephone exchanges, broadcasting and film studios.

Other dwellings Includes all dwellings other than houses. They can be created by: the creation of

new other residential buildings (e.g. flats); alteration/addition work to an existing residential building; either new or alteration/addition work on a non-residential building; conversion of a non-residential building to a residential building

creating more than one dwelling unit.

Other residential building An other residential building is a building other than a house primarily used for

long-term residential purposes. An other residential building contains more than one dwelling unit. Other residential buildings are coded to the following categories: semi-detached, row or terrace house or townhouse with one storey; semi-detached, row or terrace house or townhouse with two or more storeys; flat, unit or apartment in a building of one or two storeys; flat, unit or apartment in a building of four or more storeys; flat, unit or apartment attached to a house; other/number of storeys unknown. The latter two categories are included with the semi-detached, row or terrace house or townhouse with one storey category in table 7 of this

publication.

Religious Includes convents, churches, temples, mosques, monasteries and noviciates.

Residential building A residential building is a building consisting of one or more dwelling units.

Residential buildings can be either houses or other residential buildings.

Semi-detached, row or terrace Dwellings having their own private grounds with no other dwellings above or

houses tombourse lades

houses, townhouses below.

Shops Includes retail shops, restaurants, taverns and shopping arcades.

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