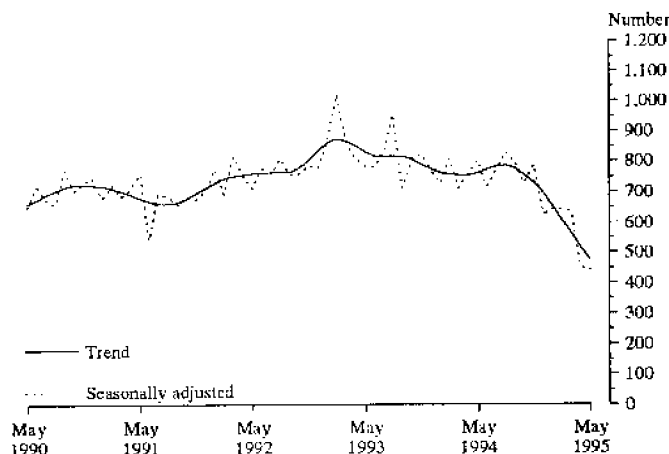


## BUILDING APPROVALS, SOUTH AUSTRALIA, MAY 1995

### SUMMARY OF FINDINGS

#### PRIVATE HOUSES APPROVED



#### Residential Building

- The trend for private sector house approvals continued its downward movement in May 1995 with an estimate of 476.
- The trend estimate for the total number of dwellings approved in South Australia (574) also continued the previous downward course.
- In original (unadjusted) terms the total number of dwelling units approved in May 1995 was 589 of which 523 were new houses. There were 411 dwelling unit approvals in the Adelaide Statistical Division (ASD) of which 329 were private sector houses. The councils that recorded the most private sector house approvals were Noarlunga (53), Munno Para (49) followed by Salisbury and Tea Tree Gully each with 37. Outside the ASD, Victor Harbor approved 19 private sector houses.

- The value of new residential building approved during May 1995 was \$46.3 million, an increase of 27.2% on last months low figure of \$36.4 million.
- The value of alterations and additions to residential buildings rose by 40.9% to \$9.3 million from the April 1995 figure of \$6.6 million.

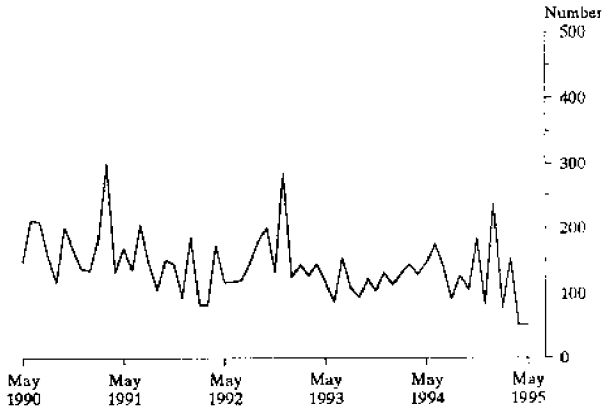
#### Non-residential Building

- The value of non-residential building approved for May 1995 was \$35.4 million, a large drop from last months high of \$89.3 million and 9.2% lower than the average of the last twelve months. Of the total, \$20.2 million was private sector work. Table 6 shows that offices accounted for \$8.3 million, educational \$8.2 million and other business premises \$7.6 million.
- There were no projects approved in the \$5 million and over classification, however, there were nine projects within the \$1 million to \$5 million range.

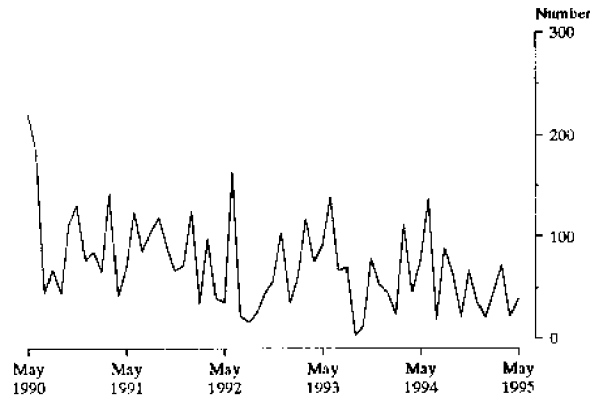
#### INQUIRIES

- for more information about statistics in this publication and the availability of related unpublished statistics, contact Damian Sparkes on Adelaide (08) 237 7590 or any ABS State Office.
- for information about other ABS statistics and services please contact Information Services on Adelaide (08) 237 7100, call at 55 Currie Street, Adelaide, or write to Information Services, ABS, GPO Box 2272, Adelaide SA 5001.

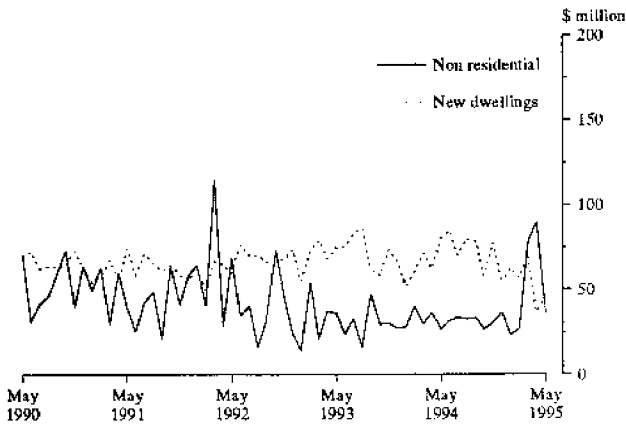
**NEW OTHER RESIDENTIAL BUILDINGS APPROVED  
PRIVATE SECTOR**



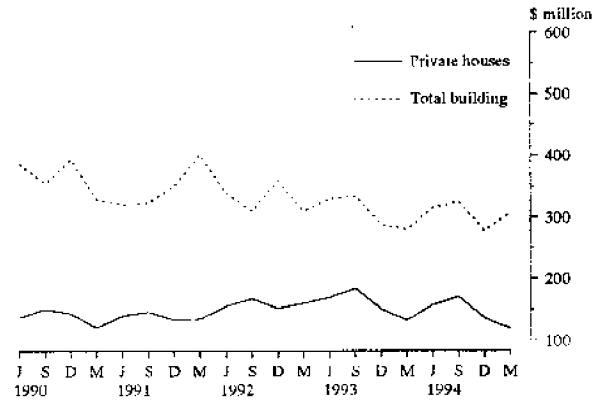
**TOTAL DWELLING UNITS APPROVED  
PUBLIC SECTOR**



**VALUE OF BUILDING WORK APPROVED**



**QUARTERLY VALUE OF BUILDING APPROVED  
AVERAGE 1989-90 PRICES**



## RELIABILITY OF CONTEMPORARY TREND ESTIMATES

The tables below present trend estimates of selected building approvals series for the six months December 1994 to May 1995.

Analysis of building approvals series has shown that the original series can be volatile and that the initial estimates of a month's trend value can be revised substantially. In particular, some months can elapse before a turning point in the trend series is identified reliably. Generally, the size of revisions to the trend estimates tends to be larger the greater the volatility of the original series. Revisions to trend estimates will also occur with revisions to original data and re-estimation of seasonal adjustment factors. See paragraphs 18 to 21 of the Explanatory Notes for more information.

To illustrate the possible impact of future months observations on the trend estimates for the latest months, the tables below show the revisions to the trend estimates which would result if the movements in the seasonally adjusted estimates for next month (June 1995) were to equal the average absolute monthly percentage change 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 below) were to increase by 10% in June 1995, the trend estimate for that month would be 460, a movement of -5.1%. The movements in the trend estimates for March, April and May which are currently estimated to be -7.5%, -8.0%, and -8.2% respectively, would be revised to -7.2%, -7.5% and -7.3%. On the other hand, a 10% seasonally adjusted decline in the number of private sector houses approved in June 1995 would produce a trend estimate for June of 424, a movement of -8.0%, with the movements in the trend estimates for March, April and May being revised to -8.0%, -9.1% and -9.7% respectively.

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

	Trend estimate		Revised trend estimate if June 1995 seasonally adjusted estimate			
			is up 10% on May 1995		is down 10% on May 1995	
	No.	% change on previous month	No.	% change on previous month	No.	% change on previous month
1994—						
December	696	-5.0	696	-5.0	697	-4.7
1995—						
January	653	-6.1	652	-6.2	655	-6.0
February	609	-6.7	609	-6.7	610	-6.9
March	564	-7.5	565	-7.2	561	-8.0
April	519	-8.0	523	-7.5	510	-9.1
May	476	-8.2	485	-7.3	461	-9.7
June	n.y.a.	n.y.a.	460	-5.1	424	-8.0

### TOTAL NUMBER OF DWELLING UNITS APPROVED RELIABILITY OF TREND ESTIMATES

	Trend estimate		Revised trend estimate if June 1995 seasonally adjusted estimate			
			is up 12% on May 1995		is down 12% on May 1995	
	No.	% change on previous month	No.	% change on previous month	No.	% change on previous month
1994—						
December	898	-4.2	899	-4.1	901	-3.9
1995—						
January	844	-6.0	844	-6.1	848	-5.8
February	781	-7.5	781	-7.5	783	-7.7
March	713	-8.8	715	-8.4	709	-9.4
April	646	-9.4	648	-9.4	629	-11.3
May	574	-11.2	586	-9.6	551	-12.5
June	n.y.a.	n.y.a.	544	-7.0	492	-10.7

TABLE 1. NUMBER OF DWELLING UNITS APPROVED

Period	New houses			New other residential buildings			Conversions, etc.	Total (a)		
	Private sector	Public sector	Total	Private sector	Public sector	Total		Private sector	Public sector	Total
ADELAIDE STATISTICAL DIVISION										
1991-92	6,188	290	6,478	1,415	668	2,083	23	7,626	958	8,584
1992-93	6,843	352	7,195	1,647	386	2,033	20	8,510	738	9,248
1993-94	6,587	401	6,988	1,342	286	1,628	15	7,944	687	8,631
1993-94 July-May	5,983	295	6,278	1,176	259	1,435	15	7,174	554	7,728
1994-95 July-May	4,926	343	5,269	1,141	118	1,259	59	6,113	474	6,587
1994—										
March	540	59	599	93	52	145	4	637	111	748
April	464	18	482	121	14	135	—	585	32	617
May	617	52	669	125	20	145	—	742	72	814
June	604	106	710	166	27	193	—	770	133	903
July	559	4	563	130	15	145	14	690	32	722
August	669	30	699	82	37	119	3	754	67	821
September	604	50	654	108	12	120	20	732	62	794
October	467	20	487	99	2	101	3	569	22	591
November	525	37	562	155	30	185	7	687	67	754
December	386	28	414	61	8	69	1	448	36	484
1995—										
January	332	17	349	227	4	231	—	559	21	580
February	347	41	388	68	—	68	1	416	41	457
March	444	66	510	126	4	130	2	572	70	642
April	264	22	286	40	—	40	5	309	22	331
May	329	28	357	45	6	51	3	377	34	411
SOUTH AUSTRALIA										
1991-92	8,613	318	8,931	1,609	718	2,327	32	10,254	1,036	11,290
1992-93	9,710	377	10,087	1,809	416	2,225	29	11,548	793	12,341
1993-94	9,470	431	9,901	1,559	299	1,858	18	11,046	731	11,777
1993-94 July-May	8,604	323	8,927	1,383	270	1,653	18	10,004	594	10,598
1994-95 July-May	7,244	349	7,593	1,304	149	1,453	70	8,605	511	9,116
1994—										
March	773	61	834	145	52	197	5	922	114	1,036
April	671	33	704	129	14	143	1	801	47	848
May	879	57	936	147	20	167	—	1,026	77	1,103
June	866	108	974	176	29	205	—	1,042	137	1,179
July	794	4	798	142	15	157	14	937	32	969
August	897	30	927	92	59	151	3	992	89	1,081
September	863	50	913	127	12	139	21	1,011	62	1,073
October	671	20	691	106	2	108	5	782	22	804
November	796	37	833	184	30	214	8	988	67	1,055
December	578	28	606	82	8	90	2	662	36	698
1995—										
January	515	17	532	237	4	241	1	753	21	774
February	553	45	598	78	2	80	1	632	47	679
March	681	66	747	154	7	161	5	840	73	913
April	403	22	425	50	—	50	6	459	22	481
May	493	30	523	52	10	62	4	549	40	589

(a) Includes Conversions, etc. See paragraphs 10-12 of the Explanatory Notes.

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

Period	New residential building									Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses			Other residential buildings			Total				Private sector	Total	Private sector	Total
	Private sector	Public sector	Total	Private sector	Public sector	Total	Private sector	Public sector	Total					
ADELAIDE STATISTICAL DIVISION														
1991-92	450.8	13.7	464.5	86.5	30.3	116.9	537.3	44.0	581.3	104.0	317.8	579.4	959.1	1,264.8
1992-93	500.9	20.6	521.6	98.0	19.1	117.1	598.9	39.7	638.6	111.4	132.8	345.9	840.8	1,096.0
1993-94	494.3	25.7	520.0	86.3	17.0	103.3	580.6	42.7	623.3	98.7	167.2	314.2	846.0	1,036.2
1993-94 July-May	448.6	19.0	467.6	74.6	15.6	90.2	523.2	34.6	557.8	90.4	157.8	286.9	770.8	935.0
1994-95 July-May	392.9	23.6	416.5	82.9	6.8	89.6	475.8	30.3	506.1	88.2	152.2	359.0	715.0	953.3
1994—														
March	40.8	3.9	44.7	4.7	2.5	7.2	45.5	6.4	51.9	8.1	20.7	26.9	74.3	87.0
April	35.8	1.3	37.1	7.8	0.8	8.6	43.6	2.1	45.7	8.8	13.8	31.0	66.2	85.5
May	47.1	3.1	50.3	9.2	1.3	10.5	56.3	4.4	60.8	8.1	11.2	21.9	75.4	90.7
June	45.8	6.7	52.4	11.7	1.4	13.1	57.5	8.1	65.5	8.3	9.4	27.4	75.2	101.2
July	41.8	0.4	42.2	8.5	1.1	9.6	50.4	1.4	51.8	9.3	19.9	27.9	78.8	89.0
August	51.5	1.8	53.3	5.5	1.9	7.4	57.0	3.7	60.7	8.8	20.7	26.7	86.4	96.2
September	47.2	3.4	50.6	6.9	0.8	7.7	54.1	4.2	58.3	10.9	8.0	27.2	73.0	96.4
October	35.4	1.2	36.6	5.8	0.1	5.9	41.2	1.3	42.5	8.7	10.8	18.2	60.7	69.4
November	42.4	2.2	44.6	10.0	1.7	11.6	52.3	3.8	56.2	8.7	14.8	22.7	75.8	87.6
December	31.2	1.9	33.1	5.1	0.4	5.5	36.3	2.3	38.6	7.6	13.9	25.3	57.8	71.5
1995—														
January	28.1	1.3	29.4	18.3	0.2	18.5	46.4	1.5	47.9	6.4	5.8	14.9	58.6	69.3
February	29.2	3.5	32.7	7.7	—	7.7	36.9	3.5	40.4	5.8	11.8	21.2	54.5	67.4
March	36.2	4.5	40.6	9.9	0.3	10.1	46.0	4.7	50.8	10.1	13.1	68.6	69.2	129.5
April	22.1	1.5	23.6	2.4	—	2.4	24.5	1.5	25.9	4.9	17.1	80.1	46.5	110.9
May	27.8	2.0	29.8	2.9	0.3	3.2	30.7	2.3	33.0	7.0	16.3	26.1	53.8	66.1
SOUTH AUSTRALIA														
1991-92	609.9	15.8	625.7	97.0	32.9	129.9	706.8	48.8	755.6	123.8	349.2	626.6	1,178.9	1,506.0
1992-93	691.4	22.3	713.7	106.4	20.8	127.3	797.8	43.1	840.9	132.6	174.0	418.4	1,101.8	1,391.9
1993-94	695.1	27.5	722.6	98.5	17.8	116.3	793.6	45.3	838.9	122.2	208.4	375.2	1,122.8	1,336.3
1993-94 July-May	630.9	20.6	651.6	86.2	16.2	102.5	717.2	36.9	754.1	111.6	196.7	343.9	1,024.1	1,209.6
1994-95 July-May	564.5	23.9	588.4	92.8	8.4	101.2	657.3	32.3	689.6	110.7	208.7	445.3	973.8	1,245.6
1994—														
March	57.3	4.1	61.3	7.6	2.5	10.1	64.9	6.5	71.5	10.4	22.8	29.6	98.1	111.5
April	50.7	2.1	52.8	8.3	0.8	9.1	59.0	2.9	61.9	10.6	15.3	36.1	84.8	108.6
May	65.0	3.4	68.4	10.4	1.3	11.7	75.3	4.7	80.0	10.7	14.6	26.7	99.9	117.4
June	64.1	6.9	71.0	12.3	1.5	13.8	76.4	8.4	84.8	10.6	11.7	31.3	98.7	126.7
July	59.5	0.4	59.8	9.2	1.1	10.3	68.7	1.4	70.1	12.0	22.6	33.4	102.0	115.5
August	68.8	1.8	70.6	6.1	3.0	9.1	74.8	4.8	79.7	10.9	26.5	32.6	112.1	123.2
September	65.9	3.4	69.3	8.2	0.8	9.0	74.1	4.2	78.3	13.6	12.5	33.1	100.3	125.0
October	50.3	1.2	51.5	6.2	0.1	6.3	56.5	1.3	57.8	10.3	15.3	26.7	82.1	94.9
November	62.1	2.2	64.3	11.7	1.7	13.3	73.7	3.8	77.6	10.5	19.7	30.2	103.9	118.3
December	45.7	1.9	47.6	6.9	0.4	7.3	52.6	2.3	54.9	9.4	22.9	36.2	84.8	100.6
1995														
January	41.6	1.3	42.9	18.8	0.2	19.0	60.4	1.5	61.9	8.0	7.2	23.4	75.5	93.4
February	44.1	3.7	47.8	8.5	0.1	8.6	52.6	3.7	56.3	7.5	16.8	26.8	76.9	90.6
March	54.1	4.5	58.5	11.2	0.5	11.7	65.3	5.0	70.2	12.6	19.5	78.1	96.5	160.9
April	32.1	1.5	33.6	2.8	—	2.8	34.9	1.5	36.4	6.6	25.4	89.3	66.8	132.2
May	40.4	2.1	42.5	3.2	0.6	3.8	43.6	2.7	46.3	9.3	20.2	35.4	72.8	91.0

**TABLE 3. NUMBER OF DWELLING UNITS (a) APPROVED  
SEASONALLY ADJUSTED AND TREND ESTIMATES (b)**

Period	Houses				Total			
	Private sector		Total		Private sector		Total	
	Seasonally adjusted	Trend estimate	Seasonally adjusted	Trend estimate	Seasonally adjusted	Trend estimate	Seasonally adjusted	Trend estimate
	1994—							
March r	715	756	758	793	861	890	934	953
April r	761	756	798	795	898	897	959	963
May r	803	763	850	802	958	907	1,040	978
June r	718	773	778	813	893	919	967	994
July r	769	783	795	824	900	924	964	1,001
August r	832	787	791	827	926	925	956	998
September r	796	779	954	819	984	917	1,163	983
October r	730	759	740	801	815	904	828	963
November r	790	732	799	776	990	886	999	937
December r	627	696	693	740	703	852	765	898
1995—								
January r	642	653	667	695	952	803	988	844
February r	640	609	701	647	670	742	740	781
March r	632	564	676	597	790	676	822	713
April r	452	519	467	548	506	611	525	646
May r	443	476	451	498	505	544	530	574

(a) Includes Conversions, etc. See paragraphs 10-12 of the Explanatory Notes. (b) Seasonally adjusted series smoothed by application of a 13-term Henderson moving average. Trend estimates for the most recent months are provisional and can be revised as data for additional months become available. See Explanatory Notes for a more detailed explanation.

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

Period	New residential building				Alterations and additions to residential buildings	Non-residential building		Total building	
	Houses		Other residential buildings	Total		Private sector	Total	Private sector	Total
	Private sector	Total							
1991-92	573.0	588.0	121.7	709.8	116.4	330.1	591.9	1,109.6	1,418.2
1992-93	652.7	673.8	119.1	793.0	125.1	163.6	393.3	1,038.5	1,311.3
1993-94	628.9	653.6	107.5	761.1	110.4	194.0	348.9	1,023.9	1,220.5
1993—									
Dec. qtr.	151.1	154.4	25.1	179.5	27.5	50.8	81.2	249.2	288.2
1994—									
Mar. qtr.	134.3	140.1	24.6	164.7	25.0	54.1	90.7	234.6	280.4
June qtr.	158.2	169.1	31.9	201.0	28.0	38.6	87.3	253.0	316.2
Sept. qtr.	171.3	176.3	26.0	202.3	32.2	57.1	91.7	281.5	326.2
Dec. qtr.	137.1	141.7	24.6	166.3	26.3	53.4	86.0	239.6	278.5
1995—									
Mar. qtr.	120.4	128.6	35.8	164.4	24.2	40.0	118.0	219.5	306.6

(a) See paragraphs 24 to 26 of the Explanatory Notes. Constant price estimates are subject to revision each quarter as more up to date information on prices and commodity compositions becomes available.

TABLE 5. VALUE OF BUILDING APPROVED, BY CLASS OF BUILDING AND OWNERSHIP  
(\$ million)

Class of building	1992-93	1993-94	July-May		1995		
			1993-94	1994-95	March	April	May
<b>PRIVATE SECTOR</b>							
New houses	691.4	695.1	630.9	564.5	54.1	32.1	40.4
New other residential buildings	106.4	98.5	86.2	92.8	11.2	2.8	3.2
<i>Total new residential building</i>	<i>797.8</i>	<i>793.6</i>	<i>717.2</i>	<i>657.3</i>	<i>65.3</i>	<i>34.9</i>	<i>43.6</i>
Alterations and additions to residential buildings	129.9	120.7	110.2	107.8	11.8	6.5	9.1
Hotels, etc.	5.4	5.0	4.4	3.9	0.3	0.3	0.7
Shops	35.9	40.8	37.0	40.6	5.5	4.4	1.4
Factories	17.9	18.2	16.7	22.9	—	1.0	3.7
Offices	27.7	39.1	37.0	33.2	3.5	2.9	7.2
Other business premises	32.0	24.8	24.1	50.8	5.0	5.5	4.7
Educational	14.3	18.2	17.0	15.1	2.3	1.1	1.3
Religious	5.8	1.9	1.0	2.9	0.1	0.2	0.2
Health	19.7	26.9	26.7	16.7	0.4	2.6	0.8
Entertainment and recreational	4.4	15.9	15.4	9.7	1.7	1.4	0.1
Miscellaneous	10.9	17.6	17.4	12.7	0.7	6.1	0.2
<i>Total non-residential building</i>	<i>174.0</i>	<i>208.4</i>	<i>196.7</i>	<i>208.7</i>	<i>19.5</i>	<i>25.4</i>	<i>20.2</i>
<b>Total</b>	<b>1,101.8</b>	<b>1,122.8</b>	<b>1,024.1</b>	<b>973.8</b>	<b>96.5</b>	<b>66.8</b>	<b>72.8</b>
<b>PUBLIC SECTOR</b>							
New houses	22.3	27.5	20.6	23.9	4.5	1.5	2.1
New other residential buildings	20.8	17.8	16.2	8.4	0.5	—	0.6
<i>Total new residential building</i>	<i>43.1</i>	<i>45.3</i>	<i>36.9</i>	<i>32.3</i>	<i>5.0</i>	<i>1.5</i>	<i>2.7</i>
Alterations and additions to residential buildings	2.6	1.5	1.5	2.9	0.9	—	0.2
Hotels, etc.	1.0	0.9	0.9	0.4	0.1	0.3	—
Shops	3.9	3.0	2.2	3.0	0.2	0.1	—
Factories	3.5	3.2	3.2	5.5	—	—	—
Offices	64.9	25.0	23.8	91.5	52.1	0.6	1.1
Other business premises	7.8	7.0	6.9	12.7	0.7	5.0	2.9
Educational	99.2	100.2	83.6	89.9	5.0	57.2	6.8
Religious	—	—	—	—	—	—	—
Health	29.0	9.5	8.6	9.2	0.3	0.2	0.3
Entertainment and recreational	7.1	4.4	4.4	8.9	—	0.3	2.7
Miscellaneous	28.0	13.6	13.6	15.5	0.2	0.3	1.5
<i>Total non-residential building</i>	<i>244.4</i>	<i>166.8</i>	<i>147.2</i>	<i>236.6</i>	<i>58.6</i>	<i>63.9</i>	<i>15.3</i>
<b>Total</b>	<b>290.1</b>	<b>213.5</b>	<b>185.5</b>	<b>271.8</b>	<b>64.4</b>	<b>65.4</b>	<b>18.2</b>
<b>TOTAL</b>							
New houses	713.7	722.6	651.6	588.4	58.5	33.6	42.5
New other residential buildings	127.3	116.3	102.5	101.2	11.7	2.8	3.8
<i>Total new residential building</i>	<i>840.9</i>	<i>838.9</i>	<i>754.1</i>	<i>689.6</i>	<i>70.2</i>	<i>36.4</i>	<i>46.3</i>
Alterations and additions to residential buildings	132.6	122.2	111.6	110.7	12.6	6.6	9.3
Hotels, etc.	6.4	5.9	5.3	4.4	0.4	0.6	0.7
Shops	39.8	43.8	39.2	43.7	5.7	4.5	1.4
Factories	21.4	21.3	19.8	28.4	—	1.0	3.7
Offices	92.6	64.1	60.8	124.8	55.5	3.5	8.3
Other business premises	39.8	31.8	31.0	63.5	5.7	10.5	7.6
Educational	113.5	118.4	100.5	105.0	7.4	58.3	8.2
Religious	5.8	1.9	1.0	2.9	0.1	0.2	0.2
Health	48.7	36.4	35.3	25.9	0.7	2.8	1.1
Entertainment and recreational	11.5	20.4	19.9	18.6	1.7	1.7	2.7
Miscellaneous	38.9	31.2	31.0	28.2	1.0	6.4	1.7
<i>Total non-residential building</i>	<i>478.4</i>	<i>375.2</i>	<i>343.9</i>	<i>445.3</i>	<i>78.1</i>	<i>89.3</i>	<i>35.4</i>
<b>Total</b>	<b>1,391.9</b>	<b>1,336.3</b>	<b>1,209.6</b>	<b>1,245.6</b>	<b>160.9</b>	<b>132.2</b>	<b>91.0</b>

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

Period	\$50,000 to less than \$200,000		\$200,000 to less than \$500,000		\$500,000 to less than \$1m		\$1m to less than \$5m		\$5m and over		Total	
	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)
<b>HOTELS, ETC.</b>												
1995 March	3	0.4	—	—	—	—	—	—	—	—	3	0.4
April	3	0.3	1	0.3	—	—	—	—	—	—	4	0.6
May	3	0.4	1	0.3	—	—	—	—	—	—	4	0.7
<b>SHOPS</b>												
1995 March	10	0.8	4	1.2	1	0.6	1	3.2	—	—	16	5.7
April	10	0.9	2	0.7	1	0.7	1	2.2	—	—	14	4.5
May	2	0.2	2	0.7	1	0.5	—	—	—	—	5	1.4
<b>FACTORIES</b>												
1995 March	—	—	—	—	—	—	—	—	—	—	—	—
April	4	0.3	2	0.7	—	—	—	—	—	—	6	1.0
May	8	0.7	2	0.6	1	0.6	1	1.8	—	—	12	3.7
<b>OFFICES</b>												
1995 March	14	1.2	7	1.9	2	1.4	1	3.1	1	48.0	25	55.5
April	13	1.2	6	1.7	1	0.5	—	—	—	—	20	3.5
May	16	1.5	3	0.9	1	0.8	2	5.0	—	—	22	8.3
<b>OTHER BUSINESS PREMISES</b>												
1995 March	17	1.4	6	1.8	4	2.5	—	—	—	—	27	5.7
April	8	0.8	1	0.2	—	—	1	4.5	1	5.0	11	10.5
May	8	0.7	8	2.3	2	1.3	2	3.3	—	—	20	7.6
<b>EDUCATIONAL</b>												
1995 March	2	0.2	7	2.2	1	0.6	2	4.3	—	—	12	7.4
April	6	0.5	7	2.2	1	0.6	—	—	1	55.0	15	58.3
May	2	0.2	4	1.2	2	1.3	2	5.5	—	—	10	8.2
<b>RELIGIOUS</b>												
1995 March	1	0.1	—	—	—	—	—	—	—	—	1	0.1
April	1	0.2	—	—	—	—	—	—	—	—	1	0.2
May	2	0.2	—	—	—	—	—	—	—	—	2	0.2
<b>HEALTH</b>												
1995 March	1	0.1	2	0.6	—	—	—	—	—	—	3	0.7
April	2	0.2	—	—	—	—	1	2.6	—	—	3	2.8
May	3	0.4	—	—	1	0.7	—	—	—	—	4	1.1
<b>ENTERTAINMENT AND RECREATIONAL</b>												
1995 March	3	0.3	2	0.5	1	0.9	—	—	—	—	6	1.7
April	4	0.4	—	—	—	—	1	1.3	—	—	5	1.7
May	1	0.1	—	—	—	—	1	2.7	—	—	2	2.7
<b>MISCELLANEOUS</b>												
1995 March	7	0.7	1	0.3	—	—	—	—	—	—	8	1.0
April	7	0.8	—	—	1	0.7	2	4.9	—	—	10	6.4
May	5	0.6	—	—	—	—	1	1.1	—	—	6	1.7
<b>TOTAL NON-RESIDENTIAL BUILDING</b>												
1995 March	58	5.1	29	8.3	9	6.0	4	10.6	1	48.0	101	78.1
April	58	5.6	19	5.7	4	2.5	6	15.4	2	60.0	89	89.3
May	50	4.8	20	6.0	8	5.3	9	19.3	—	—	87	35.4



TABLE 7. NUMBER AND VALUE OF DWELLING UNITS (a) APPROVED  
BY MATERIAL OF OUTER WALLS  
MAY 1995

Particulars	Private sector		Public sector		Total	
	Number	Value (\$'000)	Number	Value (\$'000)	Number	Value (\$'000)
ADELAIDE STATISTICAL DIVISION						
Houses —						
Brick, stone or concrete	19	2,320	—	—	19	2,320
Brick-veneer	249	18,548	27	1,895	276	20,442
Timber	3	780	—	—	3	780
Fibre cement	6	297	—	—	6	297
Steel, aluminium or other materials	—	—	—	—	—	—
Not stated	52	5,891	1	75	53	5,966
<b>Total houses</b>	<b>329</b>	<b>27,836</b>	<b>28</b>	<b>1,970</b>	<b>357</b>	<b>29,806</b>
<i>Other residential buildings</i>	<i>45</i>	<i>2,877</i>	<i>6</i>	<i>338</i>	<i>51</i>	<i>3,215</i>
<b>Total residential buildings</b>	<b>374</b>	<b>30,713</b>	<b>34</b>	<b>2,308</b>	<b>408</b>	<b>33,021</b>
REST OF SOUTH AUSTRALIA						
Houses —						
Brick, stone or concrete	23	2,074	—	—	23	2,074
Brick-veneer	70	5,965	2	164	72	6,129
Timber	9	371	—	—	9	371
Fibre cement	30	1,654	—	—	30	1,654
Steel, aluminium or other materials	—	—	—	—	—	—
Not stated	32	2,489	—	—	32	2,489
<b>Total houses</b>	<b>164</b>	<b>12,554</b>	<b>2</b>	<b>164</b>	<b>166</b>	<b>12,718</b>
<i>Other residential buildings</i>	<i>7</i>	<i>326</i>	<i>4</i>	<i>241</i>	<i>11</i>	<i>567</i>
<b>Total residential buildings</b>	<b>171</b>	<b>12,880</b>	<b>6</b>	<b>405</b>	<b>177</b>	<b>13,285</b>
TOTAL SOUTH AUSTRALIA						
Houses —						
Brick, stone or concrete	42	4,394	—	—	42	4,394
Brick-veneer	319	24,513	29	2,058	348	26,571
Timber	12	1,151	—	—	12	1,151
Fibre cement	36	1,951	—	—	36	1,951
Steel, aluminium or other materials	—	—	—	—	—	—
Not stated	84	8,380	1	75	85	8,455
<b>Total houses</b>	<b>493</b>	<b>40,390</b>	<b>30</b>	<b>2,134</b>	<b>523</b>	<b>42,524</b>
<i>Other residential buildings</i>	<i>52</i>	<i>3,203</i>	<i>10</i>	<i>579</i>	<i>62</i>	<i>3,782</i>
<b>Total residential buildings</b>	<b>545</b>	<b>43,593</b>	<b>40</b>	<b>2,713</b>	<b>585</b>	<b>46,306</b>

(a) Comprises new houses and dwelling units in new other residential buildings.

TABLE 8. SUMMARY OF BUILDING APPROVED BY STATISTICAL DIVISION, MAY 1995

Statistical division	Dwelling units in new residential buildings (a)						Alterations and additions to residential buildings (\$'000)	Non-residential building (\$'000)	Total (\$'000)
	Houses		Other residential buildings		Total				
	Number	Value (\$'000)	Number	Value (\$'000)	Number	Value (\$'000)			
<b>PRIVATE SECTOR</b>									
Adelaide	329	27,836	45	2,877	374	30,713	6,762	16,285	53,760
Outer Adelaide	72	5,547	—	—	72	5,547	1,208	633	7,388
Yorke and Lower North	10	575	2	110	12	685	21	—	706
Murray Lands	31	2,314	—	—	31	2,314	226	266	2,807
South East	25	2,229	2	146	27	2,375	239	205	2,819
Eyre	7	499	—	—	7	499	142	2,400	3,041
Northern	19	1,390	3	70	22	1,460	456	366	2,282
<b>South Australia</b>	<b>493</b>	<b>40,390</b>	<b>52</b>	<b>3,203</b>	<b>545</b>	<b>43,593</b>	<b>9,055</b>	<b>20,155</b>	<b>72,803</b>
<b>PUBLIC SECTOR</b>									
Adelaide	28	1,970	6	338	34	2,308	200	9,845	12,353
Outer Adelaide	—	—	—	—	—	—	—	1,676	1,676
Yorke and Lower North	—	—	—	—	—	—	—	187	187
Murray Lands	2	164	4	241	6	405	—	328	733
South East	—	—	—	—	—	—	—	96	96
Eyre	—	—	—	—	—	—	—	2,886	2,886
Northern	—	—	—	—	—	—	—	255	255
<b>South Australia</b>	<b>30</b>	<b>2,134</b>	<b>10</b>	<b>579</b>	<b>40</b>	<b>2,713</b>	<b>200</b>	<b>15,273</b>	<b>18,186</b>
<b>TOTAL</b>									
Adelaide	357	29,806	51	3,215	408	33,021	6,962	26,129	66,113
Outer Adelaide	72	5,547	—	—	72	5,547	1,208	2,309	9,064
Yorke and Lower North	10	575	2	110	12	685	21	187	893
Murray Lands	33	2,478	4	241	37	2,719	226	594	3,540
South East	25	2,229	2	146	27	2,375	239	301	2,915
Eyre	7	499	—	—	7	499	142	5,286	5,927
Northern	19	1,390	3	70	22	1,460	456	621	2,537
<b>South Australia</b>	<b>523</b>	<b>42,524</b>	<b>62</b>	<b>3,782</b>	<b>585</b>	<b>46,306</b>	<b>9,255</b>	<b>35,428</b>	<b>90,989</b>

(a) Excludes Conversions, etc.

TABLE 9. NEW DWELLING UNITS (a) APPROVED, BY TYPE AND STATISTICAL DIVISION, MAY 1995

Statistical division	New other residential building								Total new residential building	
	New houses	Semi-detached, row or terrace houses, townhouses, etc. of			Flats, units or apartments in a building of			Total		
		1 storey	2 or more storeys	Total	1-2 storeys	3 storeys	4 or more storeys			
NUMBER OF DWELLING UNITS										
Adelaide	357	28	10	38	2	11	—	13	51	408
Outer Adelaide	72	—	—	—	—	—	—	—	—	72
Yorke and Lower North	10	2	—	2	—	—	—	—	2	12
Murray Lands	33	4	—	4	—	—	—	—	4	37
South East	25	2	—	2	—	—	—	—	2	27
Eyre	7	—	—	—	—	—	—	—	—	7
Northern	19	3	—	3	—	—	—	—	3	22
<b>South Australia</b>	<b>523</b>	<b>39</b>	<b>10</b>	<b>49</b>	<b>2</b>	<b>11</b>	<b>—</b>	<b>13</b>	<b>62</b>	<b>585</b>
VALUE (\$'000)										
Adelaide	29,806	1,848	749	2,597	118	500	—	618	3,215	33,021
Outer Adelaide	5,547	—	—	—	—	—	—	—	—	5,547
Yorke and Lower North	575	110	—	110	—	—	—	—	110	685
Murray Lands	2,478	241	—	241	—	—	—	—	241	2,719
South East	2,229	146	—	146	—	—	—	—	146	2,375
Eyre	499	—	—	—	—	—	—	—	—	499
Northern	1,390	70	—	70	—	—	—	—	70	1,460
<b>South Australia</b>	<b>42,524</b>	<b>2,415</b>	<b>749</b>	<b>3,165</b>	<b>118</b>	<b>500</b>	<b>—</b>	<b>618</b>	<b>3,782</b>	<b>46,306</b>

(a) Excludes Conversions, etc.

TABLE 10. BUILDING APPROVED BY SELECTED STATISTICAL LOCAL AREA, MAY 1995

Statistical local area	New residential buildings (a)						Alterations and additions to residential buildings (\$'000)	Non-residential building		
	Houses			Other residential buildings				Private sector (\$'000)	Total (\$'000)	Total building (\$'000)
	Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$'000)				
<b>ADELAIDE STATISTICAL DIVISION</b>										
Adelaide (C)	4	—	470	11	—	500	549	2,139	4,997	6,516
Brighton (C)	1	—	110	4	—	268	50	—	—	428
Burnside (C)	10	—	1,599	2	—	260	580	—	—	2,439
Campbelltown (C)	16	1	1,439	—	—	—	206	—	—	1,644
East Torrens (DC)	—	—	—	—	—	—	25	—	—	25
Elizabeth (C)	—	—	—	—	—	—	—	—	—	—
Enfield (C) Pt A & Pt B	4	7	820	2	2	209	146	1,330	1,330	2,505
Gawler (M)	6	—	468	—	—	—	48	—	—	515
Glenside (C)	—	—	—	4	—	278	320	500	500	1,098
Happy Valley (C)	15	—	1,524	2	—	90	231	—	—	1,845
Henley & Grange (C)	—	—	—	—	—	—	20	—	—	20
Hindmarsh and Woodville (C)	25	—	2,053	2	—	140	541	479	479	3,214
Kensington & Norwood (C)	3	—	162	2	—	108	53	584	654	977
Marion (C)	11	1	952	4	4	479	443	—	—	1,874
Mitcham (C)	6	—	680	2	—	98	726	—	797	2,301
Munno Para (C)	49	—	3,234	—	—	—	—	—	—	3,234
Noarlunga (C)	53	17	4,984	2	—	120	262	1,576	5,980	11,346
Payneham (C)	6	—	529	—	—	—	144	—	—	673
Port Adelaide (C)	8	1	1,341	6	—	551	32	—	320	2,244
Prospect (C)	1	—	75	—	—	—	336	—	—	411
St Peters (M)	2	—	410	—	—	—	110	80	80	600
Salisbury (C)	37	—	2,390	—	—	—	253	7,335	7,636	10,279
Stirling (DC)	8	—	1,006	—	—	—	237	—	—	1,243
Tea Tree Gully (C)	37	—	3,150	—	—	—	428	250	250	3,827
Thebarton (M)	—	1	57	—	—	—	28	250	250	335
Unley (C)	2	—	120	—	—	—	573	1,350	1,350	2,043
Walkerville (M)	13	—	1,290	—	—	—	96	—	—	1,386
West Torrens (C)	4	—	329	2	—	114	352	170	170	965
Willunga (DC)	8	—	615	—	—	—	175	242	1,336	2,126
Unincorporated	—	—	—	—	—	—	—	—	—	—
<b>Adelaide (SD)</b>	<b>329</b>	<b>28</b>	<b>29,806</b>	<b>45</b>	<b>6</b>	<b>3,215</b>	<b>6,962</b>	<b>16,285</b>	<b>26,129</b>	<b>66,113</b>
<b>REST OF STATE</b>										
Barossa (DC)	3	—	274	—	—	—	58	—	576	908
Light (DC)	3	—	261	—	—	—	45	—	1,100	1,406
Mallala (DC)	2	—	77	—	—	—	14	—	—	91
Mount Barker (DC)	9	—	709	—	—	—	195	200	200	1,104
Mount Gambier (C)	9	—	840	—	—	—	31	—	96	968
Murray Bridge (RC)	2	—	120	—	—	—	49	50	50	219
Northern Yorke Peninsula (DC)	4	—	259	2	—	110	—	—	128	496
Port Augusta (C)	2	—	150	—	—	—	10	—	255	415
Port Elliot & Goolwa (DC)	12	—	964	—	—	—	31	—	—	995
Port Lincoln (C)	1	—	132	—	—	—	44	2,400	5,217	5,393
Port Pirie (C)	9	—	548	3	—	70	—	—	—	618
Roxby Downs (M)	1	—	67	—	—	—	21	300	300	388
Strathalbyn (DC)	—	—	—	—	—	—	—	—	—	—
Victor Harbor (DC)	19	—	1,704	—	—	—	170	145	145	2,019
Whyalla (C)	5	—	484	—	—	—	352	66	66	902
Other	83	2	6,130	2	4	387	1,273	709	1,165	8,955
<b>Rest of State</b>	<b>164</b>	<b>2</b>	<b>12,718</b>	<b>7</b>	<b>4</b>	<b>567</b>	<b>2,293</b>	<b>3,870</b>	<b>9,298</b>	<b>24,876</b>
<b>SOUTH AUSTRALIA</b>										
<b>South Australia</b>	<b>493</b>	<b>30</b>	<b>42,524</b>	<b>52</b>	<b>10</b>	<b>3,782</b>	<b>9,255</b>	<b>20,155</b>	<b>35,428</b>	<b>90,989</b>

(a) Excludes Conversions, etc. (C) Municipality with city status. (DC) District Council. (M) Municipality. (RC) Rural City. (SD) Statistical Division.

## EXPLANATORY NOTES

**Introduction**

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).

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* (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.

**Definitions**

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.).

10. 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.

11. 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.

12. 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.

13. 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**

14. *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.

15. *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

16. 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.

17. 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.

18. 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.

19. 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.

20. 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 shown in the July issue each year. Details of the methods used in seasonally adjusting these statistics are given in *Seasonally Adjusted Indicators, Australia* (1308.0).

### Trend Estimates

21. 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.

22. 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* (1348.0).

23. While the smoothing technique described in paragraphs 21 and 22 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 negligible impact on the series. Revisions to the original data and re-analysis of seasonal factors may also lead to revisions to the trend.

### Estimates at Constant Prices

24. 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.)

25. 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'.

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

### Australian Standard Geographical Classification (ASGC)

27. Area statistics are now being classified to the *Australian Standard Geographical Classification, Edition 2.4* (1216.0) and ASGC terminology has been adopted in the presentation of building statistics.

### Unpublished Data and Related Publications

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

29. Other ABS publications which may be of interest include:

*Building Approvals, Australia* (8731.0)  
*Dwelling Unit Commencements Reported by Approving Authorities, South Australia* (8741.4)  
*Building Activity, Australia: Dwelling Unit Commencements, Preliminary* (8750.0)  
*Building Activity, South Australia* (8752.4)

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

### Symbols and Other Usages

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

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

P.M. GARDNER  
 Deputy Commonwealth Statistician  
 and Government Statist





## For more information ...

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

### Information Consultancy Service

Information tailored to special needs of clients can be obtained from the Information Consultancy Service available at ABS Offices (see Information Inquiries below for contact details).

### National Dial-a-Statistic Line

0055 86 400

(Steadycom P/L premium rate 25c/21.4 secs.)

This number gives 24-hour access, 365 days a year, for a range of statistics.

### Electronic Data Services

A large range of data is available via on-line services, diskette, magnetic tape, tape cartridge and CD ROM. For more details about these electronic data services, contact any ABS Office (see below).

### Bookshops and Subscriptions

There is a large number of ABS publications available from ABS bookshops (see below Bookshop Sales for contact details). The ABS also provides a subscription service through which nominated publications are supplied by mail on a regular basis (telephone Subscription Service toll free on 008 02 0608 Australia wide).

## Sales and Inquiries

Commonwealth Centre, 55 Currie Street, Adelaide

Regional Offices	Information Inquiries	Bookshop Sales
SYDNEY (02)	268 4611	268 4620
MELBOURNE (03)	615 7000	615 7829
BRISBANE (07)	222 6351	222 6350
PERTH (09)	360 5140	360 5307
ADELAIDE (08)	237 7100	237 7582
HOBART (002)	20 5800	20 5800
CANBERRA (06)	207 0326	207 0326
DARWIN (089)	43 2111	43 2111
<b>National Office</b>		
ACT (06)	252 6007	008 020 608

### ABS Email Addresses

Keylink	STAT.INFO/ABS
X.400	(C:AU,A:TELMEMO,O:ABS,SN:INFO,FN:STAT)
Internet	STAT.INFO@ABS. TELEMEMO.AU

Information Services, ABS, GPO Box 2272, Adelaide 5001

Produced by the Australian Government Publishing Service

© Commonwealth of Australia 1995

Recommended retail price: \$12.00



2873140005956

ISSN 0810-4743