

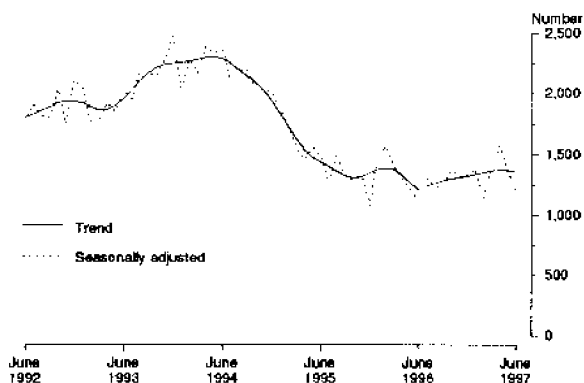
BUILDING APPROVALS, WESTERN AUSTRALIA, JUNE 1997

MAIN FEATURES

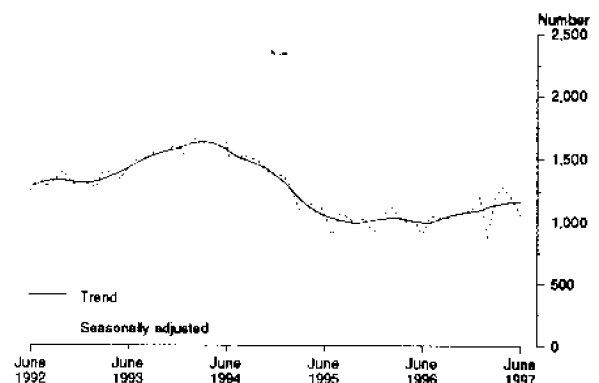
NUMBER OF DWELLING UNITS APPROVED

	June 1996	May 1997	June 1997	June 1996 to June 1997 change	May 1997 to June 1997 change
Original series	1,195	1,576	1,254	4.9%	-20.4%
Seasonally adjusted	1,126	1,387	1,208	7.3%	-12.9%
Trend estimate	1,208	1,374	1,363	12.8%	-0.8%

TOTAL DWELLING UNITS APPROVED



PRIVATE SECTOR HOUSES APPROVED



Residential

- The trend for the total number of dwelling units has flattened with small decreases over the last two months. To resume growth it will take an increase of more than 20% in the seasonally adjusted estimate for July 1997.
- The trend for the number of private sector houses has also flattened with a small decrease in June but in the year since July 1996 has increased 16.8%.
- In original terms, there were 1,254 dwelling units approved in June. Of the total, 1,106 were new private sector houses.
- The value of new residential building approved was \$130.2 million and the value of alterations and additions to residential buildings was \$14.1 million.

Non-residential

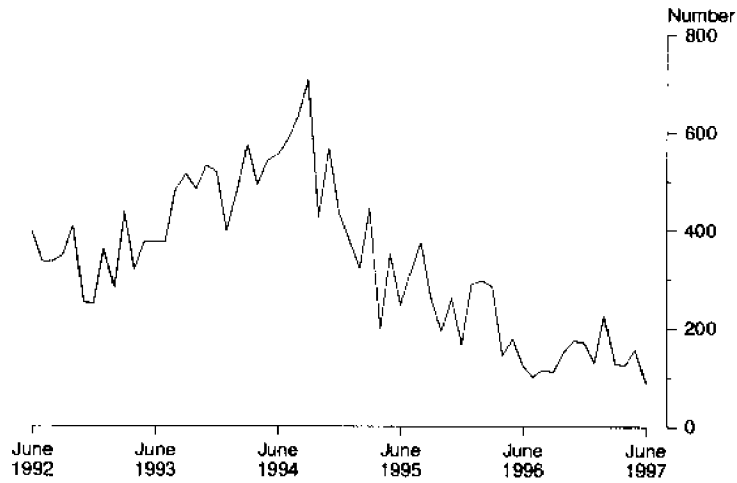
- The value of non-residential projects approved in June was \$54.1 million. Other business premises accounted for \$12.6 million, followed by factories with \$8.7 million.
- There was 1 project valued at more than \$5.0 million and 8 projects valued between \$1.0 million and \$5.0 million.

From January 1997 onwards the method for the processing of government dwelling jobs has been changed. The series has been amended back to July 1996 and a series break has been made at 30 June 1996. This series break will be reviewed when further information is received and analysed.

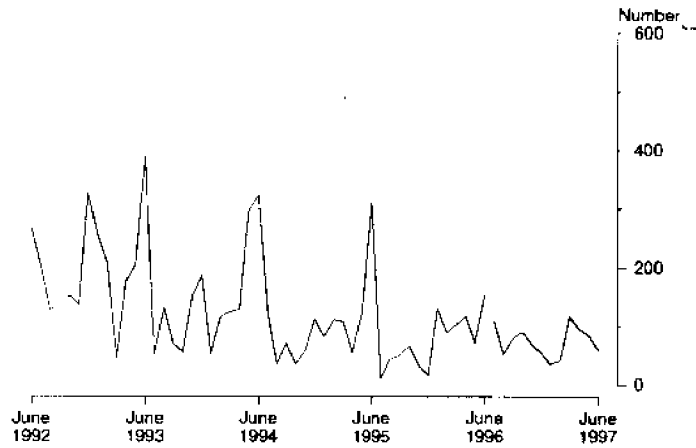
INQUIRIES

- for more information about statistics in this publication and the availability of related unpublished statistics, contact Merv Leaker on Adelaide (08) 8237 7585 or any ABS State Office.
- for information about other ABS statistics and services please contact Information Services on Perth (09) 360 5140, call at 2 The Esplanade, Perth or write to Information Services, ABS, GPO Box K881, Perth WA, 6001.

**NEW OTHER RESIDENTIAL BUILDINGS APPROVED
PRIVATE SECTOR**



**TOTAL DWELLING UNITS APPROVED
PUBLIC SECTOR**



VALUE OF BUILDING APPROVED

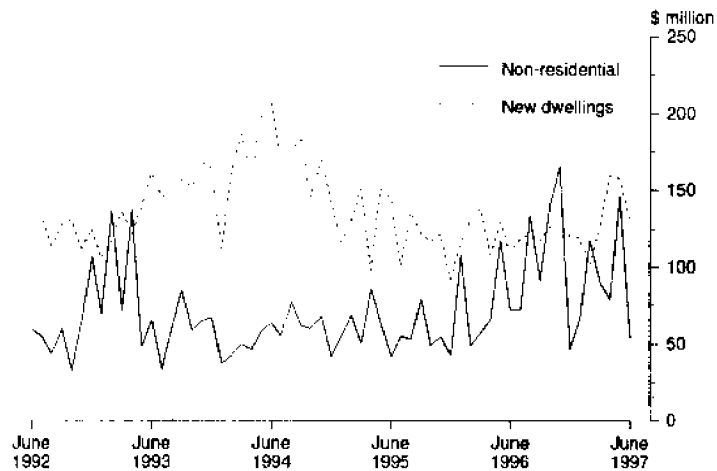


TABLE 1. NUMBER OF DWELLING UNITS APPROVED

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
PERTH STATISTICAL DIVISION										
1994-95	11,238	255	11,493	4,430	509	4,939	98	15,765	765	16,530
1995-96	8,237	149	8,386	2,376	451	2,827	80	10,693	600	11,293
1996-97	9,106	261	9,367	1,434	192	1,626	67	10,601	459	11,060
<i>1996—</i>										
April	643	14	657	117	61	178	3	763	75	838
May	831	11	842	160	45	205	8	999	56	1,055
June	637	13	650	92	27	119	1	730	40	770
July	813	20	833	89	39	128	5	907	59	966
August	803	18	821	100	—	100	2	905	18	923
September	712	34	746	104	2	106	6	822	36	858
October	776	23	799	113	19	132	14	897	48	945
November	784	27	811	137	9	146	2	923	36	959
December	709	17	726	155	15	170	12	876	32	908
<i>1997—</i>										
January	647	18	665	114	5	119	6	767	23	790
February	538	24	562	222	4	226	5	765	28	793
March	672	24	696	105	36	141	11	788	60	848
April	939	13	952	90	36	126	4	1,033	49	1,082
May	929	20	949	139	27	166	—	1,068	47	1,115
June	784	23	807	66	—	66	—	850	23	873
WESTERN AUSTRALIA										
1994-95	15,783	424	16,207	5,297	808	6,105	115	21,194	1,233	22,427
1995-96	11,945	266	12,211	2,900	627	3,527	115	14,960	893	15,853
1996-97	13,068	565	13,633	1,682	331	2,013	97	14,841	902	15,743
<i>1996—</i>										
April	904	18	922	145	99	244	3	1,052	117	1,169
May	1,159	24	1,183	178	49	227	10	1,347	73	1,420
June	917	49	966	123	104	227	2	1,042	153	1,195
July	1,123	42	1,165	100	66	166	5	1,228	108	1,336
August	1,101	33	1,134	116	20	136	7	1,224	53	1,277
September	1,045	63	1,108	111	16	127	10	1,166	79	1,245
October	1,117	40	1,157	153	51	204	15	1,279	97	1,376
November	1,117	58	1,175	175	12	187	4	1,296	70	1,366
December	1,001	34	1,035	172	22	194	13	1,186	56	1,242
<i>1997—</i>										
January	1,003	31	1,034	130	5	135	13	1,146	36	1,182
February	773	30	803	226	12	238	6	1,005	42	1,047
March	958	81	1,039	129	36	165	12	1,099	117	1,216
April	1,397	59	1,456	125	38	163	7	1,529	97	1,626
May	1,327	49	1,376	158	37	195	5	1,490	86	1,576
June	1,106	45	1,151	87	16	103	—	1,193	61	1,254

(a) Includes Conversions, etc. See paragraphs 9-11 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					
PERTH STATISTICAL DIVISION														
1994-95	928.5	17.9	946.4	302.5	31.6	334.1	1,231.0	49.5	1,280.6	126.1	438.5	555.5	1,795.5	1,962.2
1995-96	787.4	10.6	798.0	186.5	33.0	219.6	973.9	43.6	1,017.6	128.2	512.8	597.3	1,614.7	1,743.1
1996-97	903.3	20.1	923.3	136.1	11.1	147.2	1,039.4	31.2	1,070.6	139.5	542.5	779.9	1,718.7	1,990.0
1996—														
April	64.2	0.9	65.0	9.1	3.2	12.3	73.2	4.1	77.4	11.4	47.7	51.6	132.3	140.4
May	80.9	0.7	81.6	10.7	2.4	13.1	91.6	3.1	94.7	9.0	96.4	109.0	196.9	212.7
June	63.9	0.9	64.8	6.1	1.5	7.5	70.0	2.4	72.3	9.4	48.9	55.2	128.2	136.9
July	76.3	1.4	77.7	6.1	1.9	8.1	82.4	3.4	85.8	10.4	49.4	57.7	141.6	153.9
August	78.9	1.3	80.2	8.7	—	8.7	87.5	1.3	88.9	13.7	44.1	67.2	145.1	169.8
September	69.4	3.8	73.2	7.4	0.1	7.5	76.8	3.9	80.7	9.4	57.3	73.9	143.5	164.0
October	74.0	1.7	75.8	10.2	0.8	11.0	84.3	2.5	86.8	11.1	94.3	120.1	189.6	218.1
November	75.4	1.7	77.1	12.0	0.5	12.5	87.4	2.2	89.6	11.7	37.4	125.7	136.6	227.0
December	73.0	1.3	74.3	15.5	1.0	16.6	88.6	2.3	90.9	12.2	28.6	29.7	129.4	132.8
1997—														
January	65.2	1.2	66.4	14.2	0.3	14.4	79.4	1.5	80.8	11.4	25.3	45.4	116.0	137.7
February	55.0	1.6	56.6	19.8	0.3	20.1	74.9	1.9	76.7	9.8	31.5	35.5	116.2	122.0
March	69.3	1.8	71.1	12.6	2.8	15.4	81.8	4.6	86.5	12.6	56.4	62.6	150.8	161.7
April	90.5	1.0	91.5	10.2	1.9	12.2	100.7	2.9	103.7	14.0	42.1	43.8	156.4	161.5
May	93.7	1.3	95.0	13.1	1.5	14.6	106.8	2.8	109.7	11.3	48.8	89.8	166.7	210.8
June	82.5	1.8	84.4	6.2	—	6.2	88.8	1.8	90.6	11.8	27.2	28.4	127.0	130.8
WESTERN AUSTRALIA														
1994-95	1,319.8	34.5	1,354.3	366.3	54.0	420.3	1,686.1	88.5	1,774.6	156.2	580.9	728.2	2,422.9	2,659.0
1995-96	1,123.8	24.6	1,148.3	225.5	46.9	272.3	1,349.2	71.4	1,420.7	162.9	692.0	803.1	2,203.6	2,386.6
1996-97	1,294.2	54.9	1,349.1	153.8	21.8	175.7	1,448.0	76.8	1,524.7	172.7	774.3	1,204.4	2,391.0	2,901.8
1996—														
April	89.5	1.4	90.9	11.2	6.1	17.3	100.7	7.5	108.1	13.6	60.8	66.5	175.1	188.2
May	111.9	2.3	114.3	12.1	2.9	15.0	124.0	5.3	129.2	11.1	103.4	117.4	238.5	257.8
June	89.7	4.3	94.0	8.0	7.3	15.3	97.7	11.6	109.3	12.0	62.1	72.1	171.6	193.4
July	104.1	3.3	107.3	6.8	4.1	10.9	110.8	7.4	118.2	13.3	63.9	72.6	187.5	204.2
August	107.5	2.8	110.4	9.7	1.4	11.1	117.2	4.2	121.4	16.2	71.7	133.4	204.4	271.0
September	101.0	7.2	108.2	7.8	1.2	9.0	108.8	8.4	117.2	12.6	74.1	91.9	195.3	221.6
October	107.4	3.6	111.0	12.1	3.7	15.9	119.5	7.3	126.9	14.3	114.6	141.0	248.2	282.1
November	107.6	5.0	112.6	14.5	0.7	15.2	122.1	5.8	127.8	14.2	54.9	165.0	191.1	307.0
December	99.3	3.1	102.4	16.7	1.3	18.1	116.0	4.4	120.5	14.0	39.0	46.4	169.1	180.8
1997—														
January	101.1	2.3	103.4	15.4	0.3	15.6	116.5	2.5	119.0	14.9	31.7	66.7	163.0	200.6
February	78.1	2.1	80.2	20.3	0.8	21.1	98.4	3.0	101.3	12.3	73.6	117.8	184.1	231.4
March	98.5	10.2	108.7	14.3	2.8	17.1	112.8	13.0	125.8	15.0	68.3	90.4	196.0	231.1
April	137.0	6.8	143.8	13.3	2.1	15.4	150.3	9.0	159.2	16.8	72.7	78.8	239.0	254.8
May	135.8	4.7	140.5	14.7	2.1	16.8	150.5	6.8	157.3	15.2	63.1	146.4	228.4	318.9
June	116.8	3.8	120.6	8.4	1.2	9.6	125.2	5.0	130.2	14.1	46.3	54.1	184.9	198.4

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

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
	<i>1996—</i>							
April	997	1,018	1,017	1,043	1,192	1,239	1,297	1,330
May	1,006	1,003	1,027	1,025	1,170	1,190	1,221	1,264
June	897	993	922	1,012	1,062	1,148	1,126	1,208
July	1,042	993	1,095	1,049	1,177	1,129	1,303	1,246
August	1,028	1,015	1,074	1,072	1,151	1,145	1,239	1,258
September	1,035	1,042	1,091	1,101	1,132	1,177	1,244	1,285
October	1,058	1,060	1,140	1,117	1,245	1,202	1,371	1,303
November	1,075	1,069	1,139	1,124	1,224	1,221	1,325	1,312
December	1,092	1,081	1,128	1,132	1,260	1,241	1,336	1,323
<i>1997—</i>								
January	1,203	1,098	1,243	1,147	1,326	1,262	1,379	1,338
February	858	1,119	891	1,167	1,102	1,282	1,146	1,355
March	1,224	1,139	1,285	1,186	1,301	1,298	1,406	1,368
April	1,281	1,153	1,347	1,200	1,488	1,309	1,577	1,376
May	1,184	1,161	1,227	1,206	1,325	1,312	1,387	1,374
June	1,052	1,160	1,075	1,203	1,183	1,306	1,208	1,363

(a) Includes conversions, etc. See paragraphs 9-11 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. (c) Series have been revised due to annual re-analysis of seasonal adjustment factors.

**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							
1993-94	1,580.5	1,617.4	453.3	2,070.7	161.4	501.0	651.3	2,613.2	2,883.4
1994-95	1,356.8	1,391.9	407.6	1,799.5	160.5	559.2	701.2	2,427.5	2,661.3
1995-96	1,131.0	1,155.6	259.1	1,414.7	163.9	654.1	758.9	2,158.9	2,337.5
<i>1995—</i>									
Dec. qtr.	271.3	274.9	53.2	328.1	40.6	120.3	138.3	478.2	506.9
<i>1996—</i>									
Mar. qtr.	285.2	293.7	87.7	381.3	39.7	154.3	201.6	545.8	622.6
June qtr.	293.3	301.5	44.9	346.4	37.0	212.9	240.8	571.5	624.3
Sept. qtr.	314.8	328.2	29.1	357.3	42.5	196.8	279.4	574.0	679.2
Dec. qtr.	316.2	328.0	46.3	374.3	42.8	194.9	329.2	593.0	746.3
<i>1997—</i>									
Mar. qtr.	279.7	294.4	50.5	344.8	42.4	161.7	256.0	528.8	643.2

(a) See paragraphs 16-26 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	1994-95	1995-96	1996-97	1997			
				March	April	May	June
PRIVATE SECTOR							
New houses	1,319.8	1,123.9	1,294.2	98.5	137.0	135.8	116.8
New other residential buildings	366.3	225.5	153.8	14.3	13.3	14.7	8.4
<i>Total new residential building</i>	<i>1,686.1</i>	<i>1,349.2</i>	<i>1,448.0</i>	<i>112.8</i>	<i>150.3</i>	<i>150.5</i>	<i>125.2</i>
Alterations and additions to residential buildings	155.9	162.4	168.7	14.9	16.0	14.8	13.4
Hotels, etc.	46.9	113.3	75.4	14.7	18.7	4.0	5.6
Shops	131.8	117.5	162.7	21.6	4.8	30.0	7.5
Factories	79.5	79.5	96.2	4.5	15.5	7.2	8.7
Offices	85.1	72.8	117.2	3.0	2.3	7.5	2.0
Other business premises	90.8	107.9	113.6	6.7	13.4	10.1	11.5
Educational	30.2	43.5	38.8	4.2	2.1	0.1	4.0
Religious	5.7	4.4	5.2	1.4	0.5	0.6	0.3
Health	32.2	31.6	96.1	10.0	8.5	0.8	3.8
Entertainment and recreational	28.3	34.1	36.6	0.7	5.7	2.0	2.0
Miscellaneous	50.2	87.3	32.5	1.5	1.2	0.9	1.0
<i>Total non-residential building</i>	<i>580.9</i>	<i>692.0</i>	<i>774.3</i>	<i>68.3</i>	<i>72.7</i>	<i>63.1</i>	<i>46.3</i>
Total	2,422.9	2,203.6	2,391.0	196.0	239.0	228.4	184.9
PUBLIC SECTOR							
New houses	34.5	24.6	54.9	10.2	6.8	4.7	3.8
New other residential buildings	54.0	46.9	21.8	2.8	2.1	2.1	1.2
<i>Total new residential building</i>	<i>88.5</i>	<i>71.4</i>	<i>76.8</i>	<i>13.0</i>	<i>9.0</i>	<i>6.8</i>	<i>5.0</i>
Alterations and additions to residential buildings	0.2	0.5	3.9	0.1	0.8	0.3	0.7
Hotels, etc.	1.6	—	—	—	—	—	—
Shops	4.4	1.5	1.5	0.1	0.8	0.1	0.1
Factories	0.7	0.9	6.4	—	0.1	0.1	—
Offices	30.9	33.6	39.2	4.5	2.4	5.3	0.1
Other business premises	6.8	4.1	46.8	5.8	0.1	0.3	1.2
Educational	52.1	37.0	113.2	—	0.1	12.9	—
Religious	—	—	0.2	—	—	0.2	—
Health	3.8	1.2	118.4	2.5	—	44.3	—
Entertainment and recreational	7.7	13.9	55.7	9.0	2.0	19.8	4.2
Miscellaneous	39.3	18.8	48.8	0.1	0.7	0.4	2.2
<i>Total non-residential building</i>	<i>147.3</i>	<i>111.1</i>	<i>430.1</i>	<i>22.0</i>	<i>6.1</i>	<i>83.3</i>	<i>7.7</i>
Total	236.1	183.1	510.8	35.1	15.8	90.4	13.4
TOTAL							
New houses	1,354.3	1,148.3	1,349.1	108.7	143.8	140.5	120.6
New other residential buildings	420.3	272.3	175.7	17.1	15.4	16.8	9.6
<i>Total new residential building</i>	<i>1,774.6</i>	<i>1,420.7</i>	<i>1,524.7</i>	<i>125.8</i>	<i>159.2</i>	<i>157.3</i>	<i>130.2</i>
Alterations and additions to residential buildings	156.2	162.9	172.7	15.0	16.8	15.2	14.1
Hotels, etc.	48.5	113.3	75.4	14.7	18.7	4.0	5.6
Shops	136.2	119.0	164.2	21.7	5.6	30.1	7.5
Factories	80.3	80.4	102.6	4.5	15.6	7.3	8.7
Offices	116.0	106.5	156.4	7.6	4.7	12.8	2.1
Other business premises	97.7	112.0	160.4	12.5	13.5	10.5	12.6
Educational	82.3	80.4	152.0	4.2	2.1	13.0	4.0
Religious	5.7	4.4	5.4	1.4	0.5	0.8	0.3
Health	36.0	32.8	214.5	12.5	8.5	45.1	3.8
Entertainment and recreational	36.0	48.0	92.2	9.7	7.6	21.8	6.2
Miscellaneous	89.5	106.2	81.3	1.6	2.0	1.3	3.2
<i>Total non-residential building</i>	<i>728.2</i>	<i>803.1</i>	<i>1,204.4</i>	<i>90.4</i>	<i>78.8</i>	<i>146.4</i>	<i>54.1</i>
Total	2,659.0	2,386.6	2,901.8	231.1	254.8	318.9	198.4

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)
HOTELS, ETC.												
1997 April	8	1.0	2	0.7	1	0.9	4	6.7	1	9.4	16	18.7
May	6	0.7	1	0.4	4	2.9	—	—	—	—	11	4.0
June	5	0.5	—	—	3	1.8	1	3.3	—	—	9	5.6
SHOPS												
1997 April	23	2.0	4	1.2	2	1.3	1	1.1	—	—	30	5.6
May	16	1.4	10	2.9	7	5.4	4	5.3	1	15.1	38	30.1
June	15	1.3	10	3.0	5	3.2	—	—	—	—	30	7.5
FACTORIES												
1997 April	19	2.0	8	2.7	1	0.5	1	2.4	1	8.0	30	15.6
May	15	1.8	10	3.3	1	0.6	1	1.5	—	—	27	7.3
June	17	1.6	6	2.2	1	0.5	2	4.4	—	—	26	8.7
OFFICES												
1997 April	17	1.5	4	1.3	1	0.8	1	1.0	—	—	23	4.7
May	22	2.2	7	1.8	—	—	4	8.7	—	—	33	12.8
June	8	0.6	5	1.5	—	—	—	—	—	—	13	2.1
OTHER BUSINESS PREMISES												
1997 April	21	2.3	9	3.0	1	0.7	2	2.5	1	5.0	34	13.5
May	18	1.8	16	5.0	5	3.6	—	—	—	—	39	10.5
June	18	1.7	14	3.8	3	1.9	—	—	1	5.2	36	12.6
EDUCATIONAL												
1997 April	4	0.3	—	—	1	0.6	1	1.2	—	—	6	2.1
May	3	0.3	—	—	—	—	2	6.0	1	6.6	6	13.0
June	—	—	1	0.3	1	0.5	2	3.2	—	—	4	4.0
RELIGIOUS												
1997 April	2	0.3	1	0.2	—	—	—	—	—	—	3	0.5
May	3	0.4	1	0.3	—	—	—	—	—	—	4	0.8
June	1	0.1	1	0.2	—	—	—	—	—	—	2	0.3
HEALTH												
1997 April	3	0.2	1	0.5	2	1.4	1	1.5	1	5.0	8	8.5
May	3	0.4	2	0.5	—	—	2	6.0	1	38.2	8	45.1
June	1	0.1	—	—	—	—	1	3.7	—	—	2	3.8
ENTERTAINMENT AND RECREATIONAL												
1997 April	6	0.6	—	—	3	2.1	3	4.9	—	—	12	7.6
May	6	0.6	2	0.9	1	0.6	1	1.2	2	18.5	12	21.8
June	5	0.6	3	0.8	1	0.9	1	3.9	—	—	10	6.2
MISCELLANEOUS												
1997 April	7	0.7	2	0.7	1	0.6	—	—	—	—	10	2.0
May	12	1.1	1	0.2	—	—	—	—	—	—	13	1.3
June	8	0.8	4	1.3	—	—	1	1.1	—	—	13	3.2
TOTAL NON-RESIDENTIAL BUILDING												
1997 April	110	11.0	31	10.3	13	8.9	14	21.3	4	27.4	172	78.8
May	104	10.9	50	15.3	18	13.2	14	28.7	5	78.4	191	146.4
June	78	7.4	44	13.0	14	8.9	8	19.5	1	5.2	145	54.1

TABLE 7. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JUNE 1997

Statistical local area, statistical subdivision and statistical division	New residential building (b)						Alterations and additions to residential buildings (\$'000)	Non-residential building		Total building (\$'000)
	Houses			Other residential buildings				Private sector (\$'000)	Total (\$'000)	
	Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$'000)				
PERTH STATISTICAL DIVISION										
Cambridge (T)	3	—	432	6	—	468	932	320	320	2,152
Claremont (T)	5	—	929	—	—	—	947	150	150	2,026
Cottesloe (T)	1	—	200	—	—	—	243	—	—	443
Mosman Park (T)	3	—	602	—	—	—	250	—	—	852
Nedlands (C)	14	—	4,329	—	—	—	574	—	—	4,903
Peppermint Grove (S)	1	—	251	—	—	—	224	—	—	475
Perth (C) — Inner	—	—	—	—	—	—	—	1,958	1,958	1,958
Perth (C) — Remainder	—	—	—	—	—	—	—	5,774	5,774	5,774
Subiaco (C)	3	—	260	—	—	—	635	579	579	1,474
Vincent (T)	9	—	904	2	—	268	708	60	60	1,939
Central Metropolitan (SSD)	39	—	7,906	8	—	736	4,513	8,841	8,841	21,997
Bassendean (T)	2	—	304	—	—	—	30	300	300	634
Baywater (C)	16	—	1,419	3	—	383	187	552	1,160	3,148
Kalamunda (S)	13	1	1,266	—	—	—	141	140	140	1,548
Mundaring (S)	16	—	1,295	—	—	—	369	450	450	2,113
Swan (S)	86	11	7,611	—	—	—	319	2,110	2,510	10,440
East Metropolitan (SSD)	133	12	11,895	3	—	383	1,045	3,552	4,560	17,882
Stirling (C) — Central	22	—	2,804	2	—	180	340	922	1,020	4,344
Stirling (C) — Coastal	27	—	3,756	5	—	504	288	80	80	4,627
Stirling (C) — South-Eastern	3	—	300	—	—	—	797	3,900	3,900	4,997
Wanneroo (C) — Central Coastal	51	—	5,945	4	—	400	101	450	450	6,896
Wanneroo (C) — North-East	35	—	2,787	—	—	—	10	—	—	2,797
Wanneroo (C) — North-West	39	—	3,517	8	—	719	151	—	72	4,460
Wanneroo (C) — South-East	28	—	2,414	—	—	—	10	434	434	2,857
Wanneroo (C) — South-West	48	—	7,500	—	—	—	513	750	821	8,833
North Metropolitan (SSD)	253	—	29,023	19	—	1,803	2,211	6,536	6,776	39,812
Cockburn (C)	76	—	7,434	23	—	1,571	234	3,063	3,063	12,302
East Fremantle (T)	5	—	506	—	—	—	653	—	—	1,159
Fremantle (C) — Inner	—	—	—	—	—	—	—	—	—	—
Fremantle (C) — Remainder	9	—	967	—	—	—	195	400	400	1,562
Kwinana (T)	7	5	1,045	—	—	—	500	84	84	1,628
Melville (C)	35	2	4,398	—	—	—	593	1,498	1,498	6,489
Rockingham (C)	68	—	5,712	10	—	1,500	379	500	500	8,091
South West Metropolitan (SSD)	200	7	20,062	33	—	3,071	2,554	5,544	5,544	31,231
Armadale (C)	9	—	772	—	—	—	63	—	—	834
Belmont (C)	19	—	1,716	—	—	—	179	440	440	2,335
Canning (C)	55	—	4,521	—	—	—	339	1,418	1,418	6,277
Gosnells (C)	54	—	4,479	—	—	—	324	400	400	5,202
Serpentine-Jarrahdale (S)	3	—	292	—	—	—	117	300	300	709
South Perth (C)	15	4	3,371	3	—	240	330	130	130	4,071
Victoria Park (T)	4	—	319	—	—	—	93	—	—	412
South East Metropolitan (SSD)	159	4	15,469	3	—	240	1,443	2,688	2,688	19,840
Total	784	23	84,355	66	—	6,233	11,766	27,160	28,408	130,762

For footnote see end of table.

TABLE 7. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JUNE 1997—continued

Statistical local area, statistical subdivision and statistical division	New residential building (b)						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)				
SOUTH WEST STATISTICAL DIVISION										
Boddington (S)	1	—	93	—	—	—	—	—	—	93
Mandurah (C)	38	—	4,350	—	—	—	147	470	470	4,967
Murray (S)	7	—	625	—	—	—	—	—	—	625
Waroona (S)	2	—	192	—	—	—	—	—	—	192
Dale (SSD)	48	—	5,261	—	—	—	147	470	470	5,878
Bunbury (C)	16	6	1,892	—	—	—	224	3,350	3,350	5,466
Capel (S)	6	—	440	—	—	—	—	—	—	440
Collie (S)	4	—	396	—	—	—	—	—	—	396
Dardanup (S)	13	—	1,184	—	—	—	30	123	123	1,337
Donnybrook-Balingup (S)	1	—	85	—	—	—	—	—	—	85
Harvey (S)	16	—	1,578	—	—	—	209	—	1,096	2,883
Preston (SSD)	56	6	5,576	—	—	—	462	3,473	4,569	10,607
Augusta-Margaret River (S)	14	—	1,458	—	—	—	286	2,370	2,370	4,113
Busselton (S)	32	3	3,772	9	—	912	174	739	4,639	9,497
Vasse (SSD)	46	3	5,230	9	—	912	460	3,109	7,009	13,611
Boyup Brook (S)	2	—	73	—	—	—	—	—	—	73
Bridgetown-Greenbushes (S)	1	—	91	—	—	—	30	—	—	120
Manjimup (S)	3	—	298	—	2	170	60	1,238	1,238	1,766
Nannup (S)	1	—	80	—	—	—	—	80	80	160
Blackwood (SSD)	7	—	542	—	2	170	90	1,318	1,318	2,120
Total	157	9	16,609	9	2	1,082	1,159	8,370	13,366	32,216
LOWER GREAT SOUTHERN STATISTICAL DIVISION										
Broomehill (S)	1	—	69	—	—	—	—	—	—	69
Gnowangerup (S)	—	—	—	—	—	—	134	5,174	5,174	5,308
Jerramungup (S)	—	—	—	—	—	—	—	—	—	—
Katanning (S)	2	—	328	—	—	—	—	410	410	738
Kent (S)	—	—	—	—	—	—	—	—	—	—
Kojonup (S)	—	—	—	—	—	—	—	—	—	—
Tambellup (S)	—	—	—	—	—	—	—	—	—	—
Woodanilling (S)	—	—	—	—	—	—	—	—	—	—
Pallinup (SSD)	3	—	397	—	—	—	134	5,584	5,584	6,115
Albany (T)	8	2	1,136	—	—	—	202	160	160	1,498
Albany (S)	9	—	870	—	—	—	45	70	761	1,676
Cranbrook (S)	4	1	355	—	—	—	—	—	—	355
Denmark (S)	3	—	257	—	—	—	10	59	59	325
Plantagenet (S)	2	—	295	—	—	—	—	—	—	295
King (SSD)	26	3	2,912	—	—	—	257	289	979	4,149
Total	29	3	3,309	—	—	—	391	5,872	6,563	10,263

For footnote, see end of table.

TABLE 7. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JUNE 1997—continued

Statistical local area, statistical subdivision and statistical division	New residential building (b)						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)				
UPPER GREAT SOUTHERN STATISTICAL DIVISION										
Brookton (S)	—	—	—	—	—	—	—	—	—	—
Cuballing (S)	—	—	—	—	—	—	—	—	—	—
Dumbleyung (S)	—	—	—	—	—	—	—	—	—	—
Narrogin (T)	1	—	84	—	—	—	—	—	—	84
Narrogin (S)	—	—	—	—	—	—	—	—	—	—
Pingelly (S)	1	—	62	—	—	—	—	—	—	62
Wagin (S)	—	—	—	—	—	—	—	—	—	—
Wandering (S)	—	—	—	—	—	—	—	—	—	—
West Arthur (S)	—	—	—	—	—	—	—	—	—	—
Wickepin (S)	—	—	—	—	—	—	—	—	—	—
Williams (S)	—	—	—	—	—	—	—	—	—	—
Hotham (SSD)	2	—	146	—	—	—	—	—	—	146
Corrigin (S)	—	—	—	—	—	—	—	—	—	—
Kondinin (S)	—	—	—	—	—	—	—	—	—	—
Kulin (S)	—	—	—	—	—	—	—	—	—	—
Lake Grace (S)	—	—	—	—	—	—	—	—	—	—
Lakes (SSD)	—	—	—	—	—	—	—	—	—	—
Total	2	—	146	—	—	—	—	—	—	146
MIDLANDS STATISTICAL DIVISION										
Chittering (S)	4	—	339	—	—	—	—	—	240	579
Dandaragan (S)	1	—	150	—	—	—	—	—	—	150
Gingin (S)	6	—	397	—	—	—	58	320	320	775
Moora (S)	—	—	—	—	—	—	—	—	—	—
Victoria Plains (S)	1	—	80	—	—	—	29	—	—	109
Moore (SSD)	12	—	965	—	—	—	87	320	560	1,612
Beverley (S)	6	—	463	—	—	—	22	—	—	484
Cunderdin (S)	—	—	—	—	—	—	—	—	—	—
Dalwallinu (S)	—	—	—	—	—	—	—	—	—	—
Dowerin (S)	—	—	—	—	—	—	—	—	—	—
Goomalling (S)	—	—	—	—	—	—	—	190	190	190
Koorda (S)	—	—	—	—	—	—	—	—	—	—
Northam (T)	2	2	330	—	—	—	25	—	—	355
Northam (S)	3	—	246	—	—	—	48	—	—	295
Quairading (S)	—	—	—	—	—	—	—	—	—	—
Tammin (S)	—	—	—	—	—	—	—	—	—	—
Toodyay (S)	5	—	382	—	—	—	—	—	—	382
Wongan-Ballidu (S)	—	—	—	—	—	—	—	—	—	—
Wyalkatchem (S)	1	1	160	—	—	—	—	—	—	160
York (S)	1	—	75	—	—	—	35	—	—	110
Avon (SSD)	18	3	1,656	—	—	—	130	190	190	1,976
Bruce Rock (S)	—	—	—	—	—	—	—	—	—	—
Kellerberrin (S)	—	—	—	—	—	—	—	—	—	—
Merredin (S)	—	—	—	—	—	—	—	—	—	—
Mount Marshall (S)	—	—	—	—	—	—	—	—	—	—
Mukinbudin (S)	—	—	—	—	4	251	—	—	—	251
Narembeen (S)	—	—	—	—	—	—	—	—	—	—
Nungarin (S)	—	—	—	—	—	—	—	—	—	—
Trayning (S)	1	—	112	—	—	—	—	—	—	112
Westonia (S)	—	—	—	—	—	—	—	—	—	—
Yilgarn (S)	—	—	—	—	—	—	—	—	—	—
Campion (SSD)	1	—	112	—	4	251	—	—	—	363
Total	31	3	2,733	—	4	251	216	510	750	3,950

For footnote, see end of table.

TABLE 7. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JUNE 1997—continued

Statistical local area, statistical subdivision and statistical division	New residential building (b)						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)				
SOUTH EASTERN STATISTICAL DIVISION										
Coolgardie (S)	—	—	—	—	—	—	—	85	85	85
Kalgoorlie/Boulder (C)	31	—	3,928	4	—	540	30	1,625	1,625	6,123
Laverton (S)	—	—	—	—	—	—	—	—	—	—
Leonora (S)	—	—	—	—	—	—	—	—	—	—
Menzies (S)	—	—	—	—	—	—	—	—	—	—
Ngaanyatjarraku (S)	—	—	—	—	—	—	—	—	—	—
Lefroy (SSD)	31	—	3,928	4	—	540	30	1,710	1,710	6,208
Dundas (S)	—	—	—	—	—	—	—	—	—	—
Esperance (S)	12	—	1,314	8	—	710	110	366	366	2,500
Ravenshorpe (S)	—	—	—	—	—	—	—	—	—	—
Johnston (SSD)	12	—	1,314	8	—	710	110	366	366	2,500
Total	43	—	5,242	12	—	1,250	140	2,076	2,076	8,707
CENTRAL STATISTICAL DIVISION										
Camarvon (S)	—	—	—	—	—	—	85	63	63	148
Exmouth (S)	—	—	—	—	—	—	12	—	426	438
Shark Bay (S)	—	—	—	—	—	—	12	—	—	12
Upper Gascoyne (S)	—	—	—	—	—	—	—	—	—	—
Gascoyne (SSD)	—	—	—	—	—	—	109	63	489	598
Cue (S)	—	—	—	—	—	—	—	—	—	—
Meekatharra (S)	—	—	—	—	—	—	—	—	—	—
Mount Magnet (S)	—	—	—	—	—	—	—	—	—	—
Murchison (S)	—	—	—	—	—	—	—	—	—	—
Sandstone (S)	—	—	—	—	—	—	—	—	—	—
Wiluna (S)	—	—	—	—	—	—	—	—	—	—
Yalgoo (S)	—	—	—	—	—	—	—	—	—	—
Carnegie (SSD)	—	—	—	—	—	—	—	—	—	—
Carnamah (S)	—	—	—	—	—	—	—	—	—	—
Chapman Valley (S)	—	—	—	—	—	—	—	—	—	—
Coorow (S)	1	1	174	—	—	—	—	—	—	174
Geraldton (C)	4	—	454	—	6	544	69	526	526	1,593
Greenough (S)	13	—	1,152	—	—	—	—	—	—	1,152
Irwin (S)	4	—	523	—	—	—	—	—	—	523
Mingenew (S)	—	—	—	—	—	—	—	—	—	—
Morawa (S)	—	—	—	—	—	—	—	—	—	—
Mullewa (S)	2	—	116	—	—	—	—	—	—	116
Northampton (S)	2	2	553	—	—	—	51	—	—	604
Perenjori (S)	—	—	—	—	—	—	—	—	—	—
Three Springs (S)	—	—	—	—	—	—	—	—	—	—
Greenough River (SSD)	26	3	2,971	—	6	544	120	526	526	4,162
Total	26	3	2,971	—	6	544	229	589	1,015	4,760

For footnote, see end of table.

TABLE 7. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), JUNE 1997—continued

Statistical local area, statistical subdivision and statistical division	New residential building (b)						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)				
PILBARA STATISTICAL DIVISION										
East Pilbara (S)	—	—	—	—	—	—	25	—	—	25
Port Hedland (T)	4	—	746	—	—	—	27	300	300	1,072
De Grey (SSD)	4	—	746	—	—	—	52	300	300	1,098
Ashburton (S)	—	—	—	—	—	—	—	—	—	—
Roebourne (S)	16	—	2,425	—	—	—	120	590	711	3,256
Fortescue (SSD)	16	—	2,425	—	—	—	120	590	711	3,256
Total	20	—	3,171	—	—	—	172	890	1,011	4,354
KIMBERLEY STATISTICAL DIVISION										
Halls Creek (S)	4	4	891	—	—	—	—	—	—	891
Wyndham-East Kimberley (S)	3	—	271	—	4	254	—	—	—	525
Ord (SSD)	7	4	1,162	—	4	254	—	—	—	1,417
Broome (S)	7	—	902	—	—	—	—	875	875	1,777
Derby-West Kimberley (S)	—	—	—	—	—	—	—	—	—	—
Fitzroy (SSD)	7	—	902	—	—	—	—	875	875	1,777
Total	14	4	2,064	—	4	254	—	875	875	3,193
WESTERN AUSTRALIA										
Western Australia	1,106	45	120,600	87	16	9,614	14,074	46,342	54,064	198,352

(a) City councils are marked (C), Town councils (T), Shire councils (S), and Statistical Subdivisions (SSD). (b) Excludes Conversions, etc.

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), 1996-97

Statistical local area, statistical subdivision and statistical division	New residential building						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)				
PERTH STATISTICAL DIVISION										
Cambridge (T)	100	—	17,066	17	—	1,243	8,281	31,718	31,718	58,308
Claremont (T)	44	—	6,683	7	—	1,080	3,586	6,914	6,914	18,264
Cottesloe (T)	37	—	8,179	2	—	350	2,597	541	541	11,667
Mosman Park (T)	74	—	13,473	23	—	1,523	2,069	—	—	17,065
Nedlands (C)	126	3	29,621	—	6	393	11,150	9,169	14,270	55,434
Peppermint Grove (S)	4	—	1,527	—	—	—	3,336	1,290	1,290	6,154
Perth (C) — Inner	—	—	—	—	—	—	—	17,840	28,558	28,558
Perth (C) — Remainder	12	—	3,045	185	—	28,166	182	37,856	40,265	71,658
Subiaco (C)	43	2	5,657	14	—	998	5,736	8,104	8,104	20,496
Vincent (T)	86	—	8,678	105	8	6,468	5,732	8,125	8,125	29,003
<i>Central Metropolitan (SSD)</i>	<i>526</i>	<i>5</i>	<i>93,930</i>	<i>353</i>	<i>14</i>	<i>40,221</i>	<i>42,669</i>	<i>121,558</i>	<i>139,785</i>	<i>316,606</i>
Bassendean (T)	44	23	5,055	—	10	468	855	1,923	1,923	8,301
Bayswater (C)	187	2	15,327	9	7	1,073	3,170	12,012	21,318	40,888
Kalamunda (S)	137	1	12,678	—	—	—	5,394	6,983	36,293	54,365
Mundaring (S)	268	1	26,185	—	6	283	3,319	2,151	3,481	33,267
Swan (S)	995	34	81,985	2	22	1,214	4,078	33,378	41,590	128,867
<i>East Metropolitan (SSD)</i>	<i>1,631</i>	<i>61</i>	<i>141,231</i>	<i>11</i>	<i>45</i>	<i>3,037</i>	<i>16,816</i>	<i>56,446</i>	<i>104,604</i>	<i>265,688</i>
Stirling (C) — Central	293	3	30,448	111	10	7,826	3,726	78,308	80,004	122,005
Stirling (C) — Coastal	310	12	34,697	88	24	7,981	6,911	21,080	21,892	71,482
Stirling (C) — South-Eastern	65	3	8,083	49	6	4,020	7,214	6,767	8,221	27,537
Wanneroo (C) — Central Coastal	572	1	61,503	31	—	1,960	1,369	20,368	57,577	122,409
Wanneroo (C) — North-East	359	5	29,802	—	—	—	1,234	853	1,348	32,385
Wanneroo (C) — North-West	449	2	37,567	71	14	5,457	1,038	5,413	15,010	59,072
Wanneroo (C) — South-East	340	3	26,217	4	2	336	1,251	8,508	12,032	39,836
Wanneroo (C) — South-West	338	—	47,795	80	—	7,299	7,786	19,752	22,937	85,817
<i>North Metropolitan (SSD)</i>	<i>2,726</i>	<i>29</i>	<i>276,112</i>	<i>434</i>	<i>56</i>	<i>34,878</i>	<i>30,530</i>	<i>161,049</i>	<i>219,022</i>	<i>560,542</i>
Cockburn (C)	633	10	58,899	80	—	5,897	3,394	21,938	22,757	90,948
East Fremantle (T)	33	—	4,415	23	—	2,000	2,366	850	1,059	9,840
Fremantle (C) — Inner	—	—	—	6	—	1,100	252	1,603	2,478	3,830
Fremantle (C) — Remainder	105	10	14,335	110	3	12,525	6,033	8,397	8,974	41,867
Kwinana (T)	116	71	14,663	—	—	—	1,506	19,119	19,119	35,289
Melville (C)	447	29	61,011	49	4	4,751	9,469	20,132	44,022	119,253
Rockingham (C)	971	3	79,480	46	19	4,819	3,006	34,578	53,742	141,047
<i>South West Metropolitan (SSD)</i>	<i>2,305</i>	<i>123</i>	<i>232,803</i>	<i>314</i>	<i>26</i>	<i>31,092</i>	<i>26,025</i>	<i>106,617</i>	<i>152,152</i>	<i>442,073</i>
Armadale (C)	163	3	15,328	2	11	696	2,162	3,546	3,772	21,958
Belmont (C)	190	6	16,680	11	22	2,682	1,279	15,469	33,063	53,704
Canning (C)	546	6	48,689	72	3	5,208	5,386	51,497	93,969	153,252
Gosnells (C)	658	4	53,841	4	—	200	2,192	12,825	17,268	73,502
Serpentine-Jarrahdale (S)	78	—	7,546	2	—	115	577	1,569	1,669	9,907
South Perth (C)	179	24	28,981	98	15	16,662	10,512	4,174	6,403	62,557
Victoria Park (T)	104	—	8,178	133	—	12,443	1,387	7,730	8,193	30,201
<i>South East Metropolitan (SSD)</i>	<i>1,918</i>	<i>43</i>	<i>179,243</i>	<i>322</i>	<i>51</i>	<i>38,005</i>	<i>23,496</i>	<i>96,811</i>	<i>164,336</i>	<i>405,081</i>
Total	9,106	261	923,319	1,434	192	147,234	139,536	542,481	779,900	1,989,990

For footnote, see end of table.

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), 1996-97—continued

Statistical local area, statistical subdivision and statistical division	New residential building						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)				
SOUTH-WEST STATISTICAL DIVISION										
Boddington (S)	20	—	1,670	4	—	200	17	170	170	2,057
Mandurah (C)	494	2	47,018	32	7	2,063	3,160	15,552	69,227	121,468
Murray (S)	86	—	8,708	2	—	180	671	1,475	1,781	11,339
Waroona (S)	39	1	3,647	—	4	358	331	143	1,423	5,759
<i>Dale (SSD)</i>	<i>639</i>	<i>3</i>	<i>61,043</i>	<i>38</i>	<i>11</i>	<i>2,801</i>	<i>4,179</i>	<i>17,340</i>	<i>72,600</i>	<i>140,623</i>
Bunbury (C)	209	58	24,762	7	—	325	2,132	46,507	77,337	104,556
Capel (S)	70	—	6,044	—	—	—	747	1,710	4,029	10,820
Collie (S)	17	—	1,406	—	—	—	323	1,539	1,539	3,268
Dardanup (S)	136	3	11,021	—	—	—	401	348	348	11,770
Donnybrook-Balingup (S)	26	—	2,522	—	—	—	302	306	306	3,130
Harvey (S)	194	4	19,720	—	—	—	1,365	2,750	3,846	24,931
<i>Preston (SSD)</i>	<i>632</i>	<i>65</i>	<i>65,475</i>	<i>7</i>	<i>—</i>	<i>325</i>	<i>5,270</i>	<i>53,160</i>	<i>87,405</i>	<i>158,475</i>
Augusta-Margaret River (S)	188	2	18,489	—	—	—	1,387	9,303	11,951	31,827
Busselton (S)	433	12	45,669	13	2	1,552	2,627	28,482	32,937	82,784
<i>Vasse (SSD)</i>	<i>621</i>	<i>14</i>	<i>64,158</i>	<i>13</i>	<i>2</i>	<i>1,552</i>	<i>4,014</i>	<i>37,784</i>	<i>44,888</i>	<i>114,612</i>
Booyup Brook (S)	7	2	702	—	—	—	38	58	142	882
Bridgetown-Greenbushes (S)	50	—	3,930	—	—	—	309	404	404	4,642
Manjimup (S)	66	—	5,813	—	2	170	812	2,645	9,142	15,937
Nannup (S)	11	—	813	—	—	—	25	557	617	1,455
<i>Blackwood (SSD)</i>	<i>134</i>	<i>2</i>	<i>11,257</i>	<i>—</i>	<i>2</i>	<i>170</i>	<i>1,184</i>	<i>3,663</i>	<i>10,304</i>	<i>22,915</i>
Total	2,046	84	201,933	58	15	4,848	14,647	111,947	215,197	436,625
LOWER GREAT SOUTHERN STATISTICAL DIVISION										
Broomehill (S)	5	—	346	—	—	—	—	—	—	346
Gnowangerup (S)	4	—	672	—	3	245	246	5,174	5,174	6,337
Jerramungup (S)	7	—	597	—	—	—	60	265	265	922
Katanning (S)	8	4	1,349	—	—	—	138	1,155	1,155	2,643
Kent (S)	—	—	—	—	—	—	—	—	—	—
Kojonup (S)	—	—	—	—	—	—	—	—	—	—
Tambellup (S)	3	—	204	—	—	—	—	—	—	204
Woodanilling (S)	1	—	52	—	—	—	—	—	—	52
<i>Pallinup (SSD)</i>	<i>28</i>	<i>4</i>	<i>3,221</i>	<i>—</i>	<i>3</i>	<i>245</i>	<i>444</i>	<i>6,594</i>	<i>6,594</i>	<i>10,504</i>
Albany (T)	85	5	8,740	16	—	720	1,568	8,563	14,762	25,790
Albany (S)	112	—	11,990	—	—	—	1,542	3,081	3,903	17,435
Cranbrook (S)	9	1	752	—	—	—	53	—	—	805
Denmark (S)	67	2	6,706	—	17	1,152	672	1,546	1,596	10,125
Plantagenet (S)	37	4	3,619	—	—	—	394	844	844	4,858
<i>King (SSD)</i>	<i>310</i>	<i>12</i>	<i>31,807</i>	<i>16</i>	<i>17</i>	<i>1,872</i>	<i>4,229</i>	<i>14,034</i>	<i>21,105</i>	<i>59,012</i>
Total	338	16	35,028	16	20	2,118	4,673	20,628	27,698	69,517

For footnote, see end of table.

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), 1996-97—continued

Statistical local area, statistical subdivision and statistical division	New residential building						Alterations and additions to residential buildings (\$'000)	Non-residential building		Total building (\$'000)
	Houses			Other residential buildings				Private sector (\$'000)	Total (\$'000)	
	Private sector (number)	Public sector (number)	Total value (\$'000)	Private sector (number)	Public sector (number)	Total value (\$'000)				
UPPER GREAT SOUTHERN STATISTICAL DIVISION										
Brookton (S)	3	2	317	—	—	—	12	—	—	329
Cuballing (S)	4	—	278	—	—	—	24	—	—	302
Dumbleyung (S)	1	—	35	—	—	—	70	—	—	105
Narrogin (T)	17	4	1,840	—	—	—	232	614	614	2,687
Narrogin (S)	4	—	315	—	—	—	95	810	810	1,220
Pingelly (S)	3	1	258	—	—	—	—	—	—	258
Wagin (S)	2	2	342	—	—	—	20	—	284	646
Wandering (S)	—	—	—	—	—	—	—	—	—	—
West Arthur (S)	2	1	182	—	—	—	53	—	78	313
Wickepin (S)	3	—	299	—	—	—	30	219	219	548
Williams (SSD)	6	—	528	—	—	—	80	508	508	1,116
Hotham (SSD)	45	10	4,395	—	—	—	616	2,151	2,513	7,524
Corrigin (S)	4	—	574	—	—	—	47	—	—	621
Kondinin (S)	1	—	84	—	—	—	82	—	—	166
Kulin (S)	4	1	410	—	6	486	—	—	287	1,183
Lake Grace (S)	7	—	731	—	3	249	40	—	60	1,080
Lakes (SSD)	16	1	1,799	—	9	735	169	—	347	3,050
Total	61	11	6,194	—	9	735	785	2,151	2,860	10,574
MIDLANDS STATISTICAL DIVISION										
Chittering (S)	47	—	4,535	—	—	—	33	170	606	5,174
Dandaragan (S)	36	—	3,611	—	—	—	173	380	2,533	6,317
Gingin (S)	90	1	6,734	—	—	—	583	1,385	1,533	8,850
Moora (S)	13	—	1,408	—	—	—	43	237	237	1,688
Victoria Plains (S)	1	—	80	—	—	—	29	—	—	109
Moore (SSD)	187	1	16,368	—	—	—	861	2,172	4,909	22,137
Beverley (S)	21	—	1,376	—	—	—	67	—	—	1,442
Cunderdin (S)	3	1	516	—	—	—	210	121	121	847
Dalwallinu (S)	6	—	488	—	—	—	222	—	151	861
Dowerin (S)	7	1	724	—	—	—	77	249	249	1,050
Goomalling (S)	4	—	447	—	—	—	27	380	380	854
Koorda (S)	1	—	78	—	—	—	—	—	—	78
Northam (T)	23	3	2,434	—	3	150	167	—	715	3,466
Northam (S)	44	—	2,996	—	—	—	214	—	—	3,210
Quairading (S)	3	—	371	—	—	—	—	—	825	1,196
Tammin (S)	—	—	—	—	—	—	—	—	—	—
Toodyay (S)	40	—	3,293	—	—	—	92	530	530	3,915
Wongan-Ballidu (S)	2	—	95	—	—	—	19	50	50	164
Wyalkatchem (S)	1	1	160	—	—	—	—	—	—	160
York (S)	29	1	2,564	—	—	—	343	243	1,618	4,525
Avon (SSD)	184	7	15,543	—	3	150	1,437	1,573	4,639	21,769
Bruce Rock (S)	2	—	267	—	—	—	30	—	—	297
Kellerberrin (S)	8	—	476	—	—	—	20	—	—	496
Merredin (S)	14	17	3,394	—	—	—	322	1,397	2,660	6,376
Mount Marshall (S)	—	—	—	—	—	—	—	—	—	—
Mukinbudin (S)	4	3	634	—	4	251	—	69	69	953
Narembeen (S)	1	—	87	—	—	—	30	—	—	117
Nungarin (S)	1	—	61	—	—	—	—	—	—	61
Trayning (S)	1	1	214	—	—	—	25	—	—	239
Westonia (S)	—	—	—	—	—	—	25	53	53	78
Yilgarn (S)	14	—	1,104	—	—	—	—	415	415	1,519
Campion (SSD)	45	21	6,237	—	4	251	452	1,934	3,197	10,137
Total	416	29	38,148	—	7	401	2,750	5,679	12,745	54,043

For footnote, see end of table.

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), 1996-97—continued

Statistical local area, statistical subdivision and statistical division	New residential building						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)				
SOUTH-EASTERN STATISTICAL DIVISION										
Coolgardie (S)	6	—	387	—	—	—	391	435	435	1,214
Kalgoorlie/Boulder (C)	344	8	36,499	82	11	7,195	1,922	23,610	28,425	74,041
Laverton (S)	—	—	—	—	—	—	—	—	27,000	27,000
Leonora (S)	1	—	30	—	2	226	33	1,494	1,697	1,987
Menzies (S)	—	—	—	—	—	—	—	—	—	—
Ngaanyatjarraku (S)	12	2	1,445	—	—	—	—	700	1,020	2,465
Lefroy (SSD)	363	10	38,361	82	13	7,421	2,347	26,239	58,577	106,707
Dundas (S)	—	—	—	—	—	—	24	—	—	24
Esperance (S)	94	1	10,480	8	11	1,460	1,030	1,894	2,069	15,039
Ravensthorpe (S)	4	—	195	—	—	—	61	—	—	256
Johnston (SSD)	98	1	10,675	8	11	1,460	1,115	1,894	2,069	15,319
Total	461	11	49,036	90	24	8,881	3,462	28,134	60,647	122,026
CENTRAL STATISTICAL DIVISION										
Carnarvon (S)	9	—	1,004	—	—	—	375	737	1,332	2,710
Exmouth (S)	25	—	2,718	—	—	—	214	390	892	3,824
Shark Bay (S)	3	—	290	2	—	230	133	275	275	928
Upper Gascoyne (S)	—	—	—	—	—	—	—	—	—	—
Gascoyne (SSD)	37	—	4,012	2	—	230	721	1,402	2,498	7,461
Cue (S)	1	—	27	—	—	—	—	—	—	27
Meekatharra (S)	—	7	1,361	—	2	340	—	3,323	3,402	5,103
Mount Magnet (S)	4	—	752	—	—	—	—	600	1,231	1,983
Murchison (S)	—	—	—	—	—	—	—	—	—	—
Sandstone (S)	—	—	—	—	—	—	—	—	—	—
Wiluna (S)	—	6	747	—	—	—	—	2,400	2,400	3,147
Yalgoo (S)	—	4	414	—	—	—	—	—	—	414
Carnegie (SSD)	5	17	3,301	—	2	340	—	6,323	7,033	10,674
Carnamah (S)	1	2	357	—	—	—	40	—	56	453
Chapman Valley (S)	6	—	797	—	—	—	39	—	—	836
Coorow (S)	7	1	807	—	—	—	105	—	1,019	1,931
Geraldton (C)	46	1	5,700	24	38	4,388	1,512	5,797	5,965	17,565
Greenough (S)	135	1	13,744	—	—	—	786	456	3,406	17,936
Irwin (S)	57	—	4,809	8	2	607	67	3,310	8,928	14,412
Mingenew (S)	—	—	—	—	—	—	12	—	—	12
Morawa (S)	1	—	70	—	—	—	20	—	—	90
Mullewa (S)	5	—	604	—	—	—	—	357	455	1,060
Northampton (S)	16	4	2,489	6	—	490	226	1,579	4,527	7,732
Perenjori (S)	1	—	59	—	—	—	—	—	—	59
Three Springs (S)	1	1	189	—	—	—	13	80	80	282
Greenough River (SSD)	276	10	29,625	38	40	5,485	2,819	11,579	24,437	62,367
Total	318	27	36,938	40	42	6,056	3,541	19,303	33,968	80,502
PILBARA STATISTICAL DIVISION										
East Pilbara (S)	8	1	748	2	—	200	484	2,385	2,385	3,817
Port Hedland (T)	72	19	12,316	8	—	880	243	12,826	17,138	30,576
De Grey (SSD)	80	20	13,064	10	—	1,080	726	15,211	19,523	34,393
Ashburton (S)	30	4	5,264	—	—	—	99	332	332	5,695
Roebourne (S)	102	39	19,950	11	2	1,215	995	6,358	13,340	35,500
Fortescue (SSD)	132	43	25,214	11	2	1,215	1,094	6,690	13,673	41,196
Total	212	63	38,278	21	2	2,295	1,821	21,901	33,195	75,588

For footnote, see end of table.

TABLE 8. BUILDING APPROVALS BY STATISTICAL LOCAL AREAS (a), 1996-97—continued

Statistical local area, statistical subdivision and statistical division	New residential building						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)				
KIMBERLEY STATISTICAL DIVISION										
Halls Creek (S)	7	37	4,955	—	4	754	629	386	2,817	9,154
Wyndham-East Kimberley (S)	17	5	2,526	19	4	1,036	221	3,279	6,300	10,084
Ord (SSD)	24	42	7,481	19	8	1,790	850	3,665	9,117	19,238
Broome (S)	82	19	12,157	4	12	1,305	541	18,104	26,634	40,637
Derby-West Kimberley (S)	4	2	571	—	—	—	84	271	2,392	3,047
Fitzroy (SSD)	86	21	12,728	4	12	1,305	625	18,375	29,027	43,684
Total	110	63	20,209	23	20	3,095	1,474	22,040	38,143	62,922
WESTERN AUSTRALIA										
Western Australia	13,068	565	1,349,083	1,682	331	175,662	172,689	774,263	1,204,353	2,901,787

(a) City councils are marked (C). Town councils (T), Shire councils (S), and Statistical Subdivisions (SSD).

TABLE 9. NUMBER OF NEW HOUSES (a) APPROVED BY MATERIAL OF OUTER WALLS, FLOOR AREA AND VALUE PER SQUARE METRE BY STATISTICAL DIVISION
JUNE 1997

Statistical division	Material of outer walls					Total	Floor area (sq m)	Average floor area (sq m)	Average value per square metre (\$)
	Double brick(b)	Brick veneer	Fibre cement	Timber	Other and not stated				
Perth	766	1	1	3	36	807	158,828	238	441
South-West	116	9	7	5	29	166	28,091	218	460
Lower Great Southern	11	8	5	5	3	32	4,733	225	489
Upper Great Southern	—	—	2	—	—	2	319	160	458
Midlands	10	2	9	3	10	34	3,309	174	452
South-Eastern	6	28	4	2	3	43	9,517	227	539
Central	22	2	1	1	3	29	2,236	186	611
Pilbara	—	14	1	—	5	20	1,025	256	728
Kimberley	1	—	1	—	16	18	1,498	214	602
Western Australia	932	64	31	19	105	1,151	209,556	232	454

(a) Excludes Conversions, etc. (b) Includes houses constructed with outer walls of stone and concrete.

TABLE 10. NEW DWELLING UNITS (a) APPROVED, BY TYPE AND STATISTICAL DIVISION
JUNE 1997

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										
Perth	807	37	7	44	19	3	—	22	66	873
South West	166	11	—	11	—	—	—	—	11	177
Lower Great Southern	32	—	—	—	—	—	—	—	—	32
Upper Great Southern	2	—	—	—	—	—	—	—	—	2
Midlands	34	4	—	4	—	—	—	—	4	38
South Eastern	43	12	—	12	—	—	—	—	12	55
Central	29	6	—	6	—	—	—	—	6	35
Pilbara	20	—	—	—	—	—	—	—	—	20
Kimberley	18	4	—	4	—	—	—	—	4	22
Western Australia	1,151	74	7	81	19	3	—	22	103	1,254
VALUE (\$'000)										
Perth	84,355	3,526	897	4,423	1,570	240	—	1,810	6,233	90,588
South West	16,609	1,082	—	1,082	—	—	—	—	1,082	17,690
Lower Great Southern	3,309	—	—	—	—	—	—	—	—	3,309
Upper Great Southern	146	—	—	—	—	—	—	—	—	146
Midlands	2,733	251	—	251	—	—	—	—	251	2,984
South Eastern	5,242	1,250	—	1,250	—	—	—	—	1,250	6,492
Central	2,971	544	—	544	—	—	—	—	544	3,515
Pilbara	3,171	—	—	—	—	—	—	—	—	3,171
Kimberley	2,064	254	—	254	—	—	—	—	254	2,319
Western Australia	120,600	6,907	897	7,804	1,570	240	—	1,810	9,614	130,214

(a) Excludes Conversions, etc.

EXPLANATORY NOTES

Introduction

This publication contains monthly details of building work approved.

Factors affecting comparability

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 government authorities in areas subject to building control by those authorities;
- (b) approvals issued by the Rural Housing Authority in areas not subject to building control by local government authorities;
- (c) contracts let or day labour work authorised by Commonwealth, State, semi-government and local government authorities;
- (d) 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 these tables. 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 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. Further information about seasonal adjustment can be obtained from the Assistant Director of Time Series Analysis, Canberra, on (06) 252 6345.

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 dwellings 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, 1996 Edition (1216.0), effective from 1 July 1996, and ASGC terminology has been adopted in the presentation of building statistics:

(a) The Central Metropolitan SSD (Perth SD) now excludes the SLA of Victoria Park (T) and the South East Metropolitan SSD (Perth SD) now includes Victoria Park (T);

(b) The Central Statistical Division (Carnegie SSD) now excludes the SLA of Ngaanyatjarraku (S) and the South Eastern Statistical Division (Lefroy SSD) now includes Ngaanyatjarraku (S);

(c) The existing SLA of Wanneroo (C) has been split into five smaller SLAs. These new SLAs are: Wanneroo (C) - Central Coastal, Wanneroo (C) - North-East, Wanneroo (C) - North-West, Wanneroo (C) - South-East and Wanneroo (C) - South-West;

(d) There have been minor changes to the boundaries of the SLAs within the LGA of Stirling (C). This resulted in Stirling (C) - West being renamed Stirling (C) - Coastal.

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:

WESTERN AUSTRALIA	Catalogue No.
Building Activity (quarterly)	8752.5
Dwelling Unit Commencements (monthly)	8741.5
AUSTRALIA	
Price Index of Materials Used in House Building (monthly)	6408.0
Building Approvals (monthly)	8731.0
Building Activity, Australia: Dwelling Unit Commencements, Preliminary (quarterly)	8750.0
Building Activity (quarterly)	8752.0
Engineering Construction Survey (quarterly)	8762.0
Housing Finance for Owner Occupation: Australia	5609.0

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 Release Advice are available from any ABS office.

Symbols and Other Usages

31. The following symbols, where shown in columns of figures or elsewhere in tables, mean:

- nil or rounded to zero (including null cells)
- r figure or series revised since previous issue.
- n.a. not available

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

M.A.KONRATH
Acting Regional Director, Western Australia



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