

**BUILDING ACTIVITY, WESTERN AUSTRALIA
MARCH QUARTER 1994**

SUMMARY OF FINDINGS

**Value of building work done at average 1989-90 prices,
seasonally adjusted**

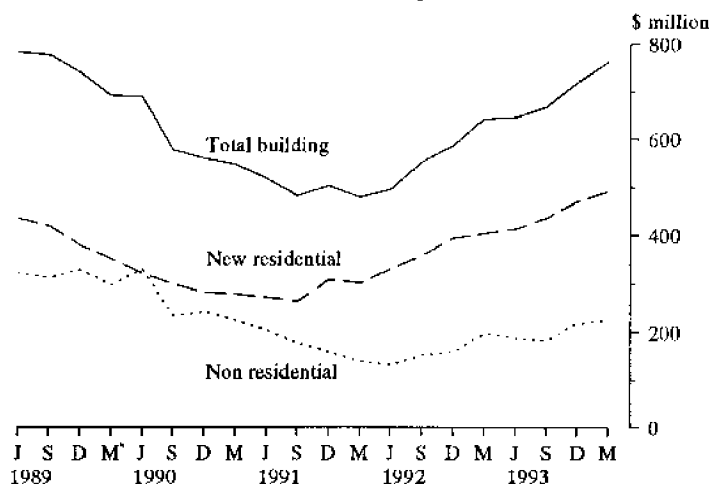
	Percentage change on	
	Dec. quarter 1993	March quarter 1993
New residential building	4.8	21.9
Alterations and additions to residential buildings	8.7	4.0
Non-residential building	3.9	15.2
Total building	6.2	18.7

- Expressed in seasonally adjusted, average 1989-90 prices the total value of building work done for the March quarter 1994 was \$762.7 million, 6.2% higher than the previous

quarter's figure of \$718.4 million and the eighth successive increase in this series. The March figure was also the highest value recorded since the September quarter 1989.

- Non-residential building work done increased by 3.9% to \$227.7 million for the March quarter 1994 which was the highest level since the December quarter of 1990.
- The value of new residential building work done continued the upward movement which began with the June quarter 1992, reaching \$492.7 million for the March quarter 1994. This was the second successive record level attained since the statistical series began with the September quarter 1980, exceeding the December quarter 1993 figure by 4.8%.

**VALUE OF WORK DONE
AT AVERAGE 1989-90 PRICES
SEASONALLY ADJUSTED**



INQUIRIES

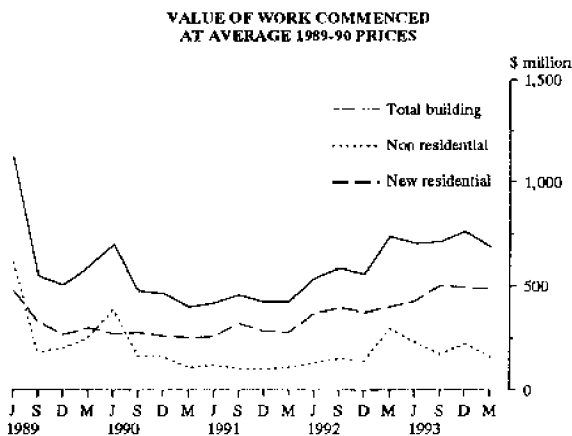
- for more information about statistics in this publication and the availability of related unpublished statistics, contact Colin Speechley on Adelaide (08) 237 7495 or any ABS State Office.
- for information about other ABS statistics and services please refer to the back of this publication.

SUMMARY OF FINDINGS – continued

Value of building work commenced at average 1989–90 prices

	Percentage change on	
	Dec. quarter 1993	March quarter 1993
New residential building	-1.9	20.7
Alterations and additions to residential buildings	-1.0	7.2
Non-residential building	-27.7	-45.5
Total building	-9.5	-6.7

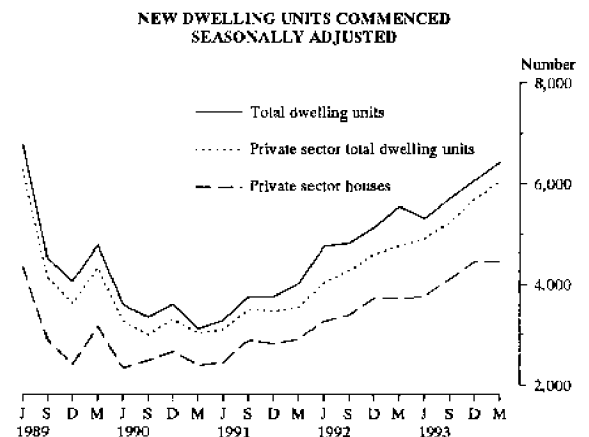
- Expressed in 1989–90 prices (but not seasonally adjusted) the total value of building work commenced during the March quarter 1994 was \$688.8 million, 9.5% less than the \$760.8 million for the previous quarter and 6.7% under the value recorded for the March quarter 1993.
- Non-residential building commencements fell by 27.7% from \$224.5 million to \$162.3 million for the March quarter 1994, accounting for 86.4% of the decrease in total building work commenced. The private sector accounted for 82.0% of the decrease in non-residential commencements.
- At \$484.9 million, the value of new residential commencements for the March quarter 1994 was not significantly lower than the previous quarter's figure and only 3.5% less than the \$502.5 million attained for the September quarter 1993. The September figure was the highest level reached since this statistical series began with the September quarter 1969. Residential alterations and additions were \$41.6 million for the March quarter 1994.



Number of dwelling units commenced, seasonally adjusted

	Percentage change on	
	Dec. quarter 1993	March quarter 1993
Private sector houses	0.1	19.3
Private sector dwelling units	6.3	26.8
Total dwelling units	5.7	15.6

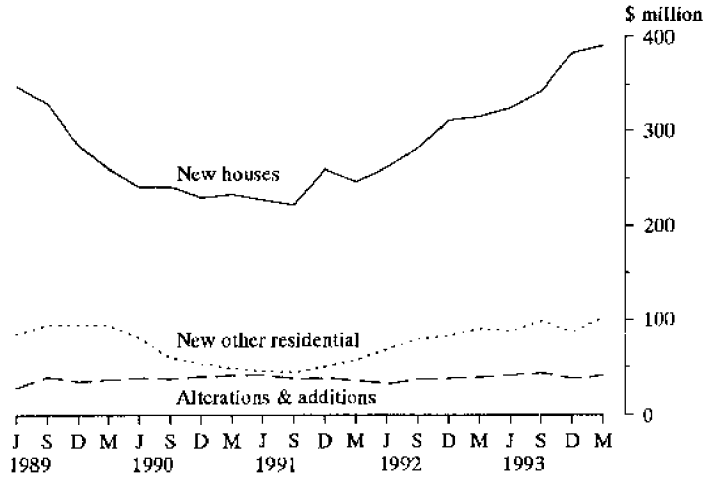
- In seasonally adjusted terms the estimate of the total number of dwelling units commenced during the March quarter 1994 was 6,433 which was 5.7% more than the 6,086 for the previous quarter.
- Private sector dwelling commencements rose 6.3% from 5,704 for the December quarter 1993 to 6,064 for the March quarter 1994.
- Commencements of total dwellings and private sector dwellings for the March quarter 1994 were the highest since the June quarter 1989. Private sector house commencements, though remaining virtually static, were at the highest level since the March quarter 1989.



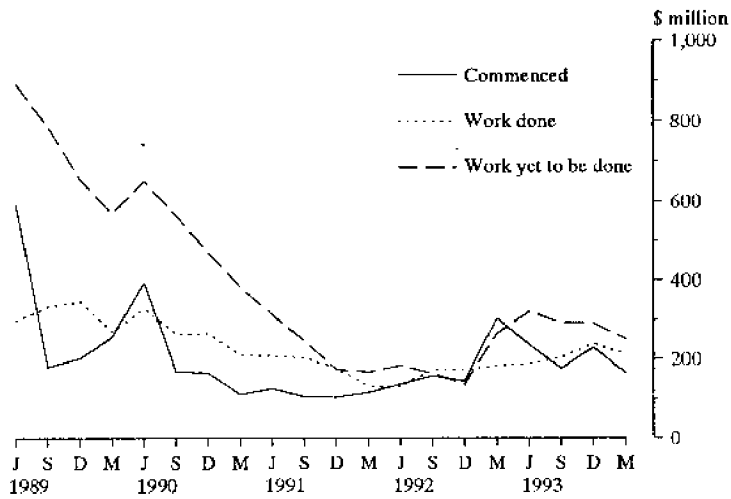
Original unadjusted data

- The total value of building work commenced (unadjusted, at current prices) during the March quarter 1994 was \$662.8 million. Of this, \$458.1 million was for new residential building resulting in 5,894 dwelling units.
- The total value of work done during the March quarter was \$682.7 million while the value of work yet to be done on jobs under construction at the end of the quarter was \$723.3 million.

**VALUE OF RESIDENTIAL WORK DONE
AT AVERAGE 1989-90 PRICES
SEASONALLY ADJUSTED**



VALUE OF NON-RESIDENTIAL BUILDING



VALUE OF NON-RESIDENTIAL WORK DONE

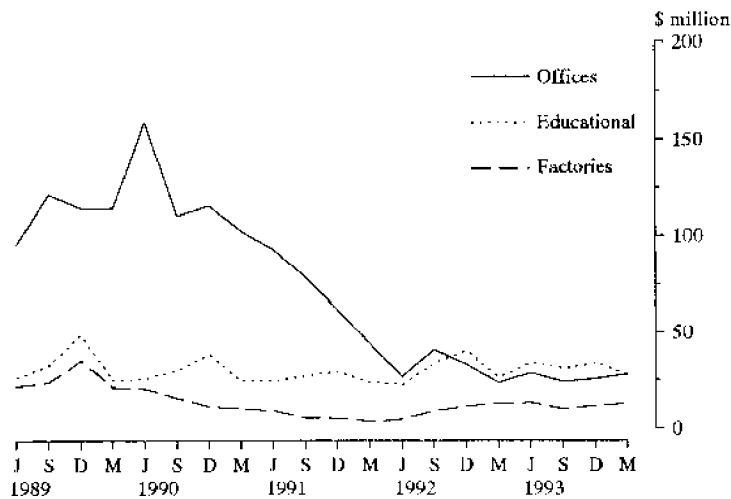


TABLE 1. SUMMARY OF BUILDING ACTIVITY, WESTERN AUSTRALIA

Period	New residential building				Non-residential building										Total building			
	Value (\$m)				Value (\$m)													
	Houses	Other residential buildings	Total	Alterations and additions to residential buildings	Houses	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	Total				
Number of dwelling units	Number of dwelling units	Number of dwelling units	Value (\$m)	Floors etc.	Shops	Shops	Shops	Shops	Shops	Shops	Shops	Shops	Shops	Shops				
COMMENCED																		
1990-91	10,319	3,059	206.3	13,378	990.5	131.8	23.9	77.4	36.5	159.7	58.9	88.3	7.0	22.7	34.6	65.9	574.9	1,697.2
1991-92	12,279	4,044	233.3	16,323	1,147.4	118.6	11.3	69.3	19.4	68.4	62.3	107.6	7.7	39.2	33.0	44.2	462.3	1,728.3
1992-93	15,011	5,778	341.6	20,789	1,475.9	142.9	12.8	212.8	43.7	117.8	69.0	134.7	10.0	83.1	70.3	87.9	842.1	2,460.9
1992 Dec. qtr	3,704	266.9	76.6	5,028	343.5	36.5	3.8	13.7	11.2	42.1	15.1	18.9	0.5	1.0	15.8	22.2	144.3	524.3
1993 Mar. qtr	3,651	279.1	92.3	5,109	371.4	35.1	2.0	101.4	14.0	18.2	18.9	52.3	0.8	45.4	20.5	30.1	303.5	710.0
June qtr	3,978	312.1	1,441	5,419	398.4	38.8	2.7	69.7	10.9	26.2	23.3	32.3	1.9	28.9	24.8	15.8	236.6	673.8
Sept. qtr	4,531	361.7	1,683	6,214	468.2	32.4	6.9	33.6	9.3	14.7	22.6	22.8	1.6	29.7	13.2	22.6	177.0	677.6
Dec. qtr	4,449	363.9	1,512	5,961	462.5	38.9	5.8	64.1	13.2	51.9	31.6	14.1	2.4	25.1	9.9	11.3	229.4	730.9
1994 Mar. qtr	4,234	348.3	1,660	5,894	458.1	38.8	4.3	36.8	13.8	29.1	24.7	30.2	1.4	11.4	8.8	5.6	166.0	662.8
UNDER CONSTRUCTION AT END OF PERIOD																		
1990-91	4,115	372.1	1,881	5,996	516.2	66.5	26.3	82.7	13.3	733.0	69.6	79.9	3.7	42.4	24.9	98.5	1,174.3	1,757.0
1991-92	4,795	405.1	2,539	7,334	590.5	50.5	13.2	44.2	13.3	231.2	39.7	98.4	4.2	34.7	23.7	97.1	599.6	1,240.6
1992-93	5,395	484.7	2,831	8,226	668.4	59.4	6.4	178.3	16.9	39.7	32.9	107.8	3.3	81.3	57.1	51.0	574.6	1,302.4
1992 Dec. qtr	5,197	437.6	2,922	8,119	652.8	54.6	6.1	31.8	21.2	250.5	33.3	81.1	7.6	26.3	35.6	47.6	541.0	1,248.3
1993 Mar. qtr	5,630	489.2	3,166	8,796	729.1	58.3	4.7	124.9	23.4	49.2	23.6	88.1	6.6	67.1	47.3	61.6	496.6	1,284.0
June qtr	5,395	484.7	2,831	8,226	668.4	59.4	6.4	178.3	16.9	39.7	32.9	107.8	3.3	81.3	57.1	51.0	574.6	1,302.4
Sept. qtr	6,292	569.8	2,885	9,177	766.3	53.5	10.8	187.6	13.2	30.7	41.6	117.1	3.7	108.2	55.5	48.2	616.6	1,436.4
Dec. qtr	6,500	587.7	2,912	9,412	792.9	53.5	14.2	218.7	16.5	60.7	53.4	83.2	4.0	129.6	38.5	36.1	654.9	1,501.4
1994 Mar. qtr	7,215	671.9	3,341	10,556	909.6	62.9	13.8	232.8	20.1	66.5	48.1	75.9	4.2	92.4	37.4	21.5	612.6	1,585.1
COMPLETED																		
1990-91	11,385	904.3	3,959	15,344	1,144.9	143.5	13.8	98.9	59.3	203.1	112.5	117.5	5.6	24.7	48.5	77.5	761.4	2,049.8
1991-92	11,539	892.7	3,377	14,916	1,088.2	139.6	21.6	91.5	19.1	611.6	97.7	91.6	7.1	49.1	35.4	56.4	1,081.0	2,308.9
1992-93	14,368	1,064.0	5,436	19,804	1,407.5	137.0	18.0	77.7	42.3	313.2	76.0	130.5	12.3	37.9	40.1	134.0	882.0	2,426.5
1992 Dec. qtr	4,011	311.9	1,467	5,478	395.6	34.9	10.6	37.0	7.1	34.6	18.5	41.3	3.0	12.1	6.2	66.0	236.4	667.0
1993 Mar. qtr	3,208	228.2	1,205	4,413	295.9	30.9	3.6	8.6	12.3	223.9	28.8	48.4	2.0	5.0	9.0	16.2	357.8	684.6
June qtr	4,206	321.2	1,749	5,955	459.6	39.4	1.1	16.3	17.6	36.0	13.9	14.6	6.4	15.7	17.4	27.2	166.1	665.1
Sept. qtr	3,609	282.0	1,627	5,236	378.3	38.6	2.5	25.9	13.1	23.5	14.1	14.5	1.3	3.1	15.0	22.6	135.5	552.5
Dec. qtr	4,240	350.7	1,485	5,725	443.2	40.2	2.9	33.5	10.0	21.7	19.8	49.9	1.9	9.8	26.4	23.2	199.1	682.5
1994 Mar. qtr	3,494	269.6	1,177	4,671	347.2	30.8	4.9	25.6	10.2	24.7	30.4	36.3	1.2	51.1	10.3	21.4	216.1	594.1

TABLE 1. SUMMARY OF BUILDING ACTIVITY, WESTERN AUSTRALIA - continued

Period	New residential building				Non-residential building											Total building														
	Houses		Other residential buildings		Total		Alterations and additions to residential buildings				Shops			Offices			Other business premises		Educational		Religious		Health		Recreational		Miscellaneous		Total	
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Hotels etc.	Houses	Residential buildings	Alterations and additions to residential buildings	Shops	Factories	Offices	Other business premises	Educational		Religious	Health	Recreational	Miscellaneous	Total									
VALUE OF WORK DONE DURING PERIOD																														
1990-91	..	857.4	..	212.3	..	1,069.7	147.5	19.1	93.8	45.5	420.6	92.4	116.9	6.2	40.7	38.8	72.9	946.7	2,163.9											
1991-92	..	871.8	..	227.5	..	1,099.4	127.1	15.3	65.0	17.6	210.9	63.6	101.7	7.3	30.6	30.8	100.2	642.9	1,869.4											
1992-93	..	1,102.1	..	346.1	..	1,448.2	140.8	15.3	103.0	46.7	125.7	69.2	133.9	12.2	72.4	59.3	84.2	721.8	2,310.8											
1992 Dec. qtr	..	281.3	..	91.1	..	372.4	36.8	4.4	22.9	11.6	32.9	18.9	40.4	3.3	8.1	9.6	22.2	174.2	583.4											
1993 Mar. qtr	..	265.0	..	83.9	..	348.9	32.9	2.9	17.4	13.1	23.3	17.3	26.1	3.7	33.8	17.6	29.3	184.4	566.3											
June qtr	..	292.3	..	85.2	..	377.6	40.0	2.2	34.1	13.2	28.6	16.0	31.8	2.2	19.5	21.2	18.1	189.0	606.6											
Sept. qtr	..	327.5	..	105.4	..	432.9	37.0	2.9	54.1	9.7	23.9	22.5	30.6	1.1	21.1	18.6	21.3	205.9	675.9											
Dec. qtr	..	355.9	..	94.2	..	450.1	37.6	6.5	61.7	11.7	25.5	32.8	33.8	2.2	29.9	16.4	18.2	238.9	726.5											
1994 Mar. qtr	..	338.4	..	95.6	..	434.0	35.2	4.8	66.2	13.0	28.0	28.2	27.7	2.1	21.8	11.8	10.0	213.5	682.7											
VALUE OF WORK YET TO BE DONE																														
1990-91	..	160.0	..	84.2	..	244.2	22.6	10.5	36.9	6.3	126.0	14.7	39.2	2.3	9.9	8.9	58.6	313.2	580.0											
1991-92	..	214.7	..	94.0	..	308.7	19.1	6.7	25.2	7.8	24.8	19.0	47.6	2.6	20.6	12.2	16.7	183.3	511.2											
1992-93	..	256.9	..	90.7	..	347.7	25.0	2.7	134.2	7.0	21.6	19.0	53.6	1.9	32.7	26.4	20.7	319.9	692.6											
1992 Dec. qtr	..	217.4	..	84.4	..	301.8	21.9	2.8	14.2	7.9	24.5	10.0	23.7	3.7	10.2	17.3	21.4	135.7	459.4											
1993 Mar. qtr	..	232.3	..	93.1	..	325.4	24.5	2.2	98.6	9.3	23.8	11.8	53.1	1.1	22.3	20.4	22.2	264.6	614.5											
June qtr	..	256.9	..	90.7	..	347.7	25.0	2.7	134.2	7.0	21.6	19.0	53.6	1.9	32.7	26.4	20.7	319.9	692.6											
Sept. qtr	..	296.8	..	95.2	..	391.9	20.9	6.7	116.1	6.6	12.3	19.3	46.8	2.5	41.5	21.2	19.2	292.2	705.1											
Dec. qtr	..	309.7	..	102.3	..	412.0	23.5	6.5	119.0	8.3	38.5	18.0	29.0	2.5	42.8	14.1	12.1	290.8	726.4											
1994 Mar. qtr	..	325.4	..	118.0	..	443.4	28.5	6.2	92.5	9.1	40.9	14.9	30.7	1.7	34.9	11.6	8.9	251.4	723.3											

NOTE: The number of self-contained dwelling units commenced as part of the construction of non-residential building and alterations and additions to existing buildings (including conversions to dwelling units) are excluded from this table. There were 51 such dwelling units commenced in the March quarter 1994.

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, WESTERN AUSTRALIA

Period	New residential building				Non-residential building											Total building			
	Houses				Other residential buildings			Total			Value (\$m)								
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Total	Alterations and additions to residential buildings	Hôtels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious		Health	Recreational	Miscellaneous
COMMENCED																			
1990-91	9,971	761.7	2,453	172.7	12,424	934.5	130.9	23.8	75.9	36.5	123.2	41.6	29.5	7.0	14.4	15.7	22.7	390.3	1,455.7
1991-92	11,921	889.9	2,657	153.7	14,578	1,043.6	117.9	11.1	66.9	19.3	43.6	50.0	30.3	7.7	21.1	9.3	25.9	285.2	1,446.6
1992-93	14,615	1,103.2	3,955	231.1	18,570	1,334.3	139.1	12.6	211.3	39.0	49.6	56.1	30.0	10.0	63.0	25.5	43.9	540.9	2,014.4
1992 Dec. qtr	3,628	258.7	973	56.3	4,601	315.0	35.7	3.8	13.7	11.2	15.6	14.1	9.8	0.5	1.0	10.6	13.3	93.5	444.2
1993 Mar. qtr	3,479	268.2	910	53.4	4,389	321.6	33.3	2.0	101.4	10.1	8.9	12.6	6.7	0.8	44.9	7.3	5.3	200.0	554.9
June qtr	3,879	304.2	1,084	66.5	4,963	370.7	37.9	2.6	68.9	10.1	12.1	17.8	6.3	1.9	9.6	3.0	8.9	141.2	549.7
Sept. qtr	4,420	352.0	1,234	79.0	5,654	431.0	32.2	6.9	32.5	8.7	13.4	20.3	6.7	1.6	18.9	3.3	19.6	131.8	595.0
Dec. qtr	4,344	356.4	1,359	89.0	5,703	445.3	38.5	5.8	63.5	13.0	17.0	26.3	8.4	2.4	10.5	7.1	10.2	164.2	648.1
1994 Mar. qtr	4,143	341.9	1,413	92.3	5,556	434.2	38.6	4.3	36.8	13.7	10.2	17.9	9.8	1.4	11.4	3.0	3.6	112.2	585.1
UNDER CONSTRUCTION AT END OF PERIOD																			
1990-91	4,017	365.6	1,721	133.8	5,738	499.4	66.5	26.3	81.6	13.3	502.4	16.3	11.8	3.7	22.2	12.3	8.9	698.8	1,264.7
1991-92	4,706	397.8	1,554	126.4	6,260	524.2	50.4	13.2	42.3	13.3	19.2	35.1	14.8	4.2	16.3	4.9	14.2	177.5	752.1
1992-93	5,298	476.9	1,929	125.1	7,227	601.9	56.9	6.3	177.5	12.2	17.3	21.0	13.0	3.3	62.1	16.7	23.9	353.2	1,012.1
1992 Dec. qtr	5,144	431.5	1,910	150.2	7,054	581.7	54.0	6.0	31.4	21.2	15.1	32.2	15.8	7.6	18.9	12.2	27.9	188.3	823.9
1993 Mar. qtr	5,455	475.9	2,020	160.1	7,475	636.1	56.7	4.7	124.9	19.5	17.0	16.3	12.8	6.6	59.3	16.3	23.2	300.5	993.2
June qtr	5,298	476.9	1,929	125.1	7,227	601.9	56.9	6.3	177.5	12.2	17.3	21.0	13.0	3.3	62.1	16.7	23.9	353.2	1,012.1
Sept. qtr	6,182	539.9	2,032	137.6	8,214	697.5	53.4	10.8	185.6	12.6	21.1	29.0	17.8	3.7	78.1	9.8	30.4	398.9	1,149.8
Dec. qtr	6,362	576.5	2,279	158.4	8,641	735.0	53.1	14.2	216.7	16.5	19.1	36.3	20.0	4.0	85.7	14.2	23.4	450.2	1,238.2
1994 Mar. qtr	7,096	662.7	2,755	192.4	9,831	855.1	62.8	13.8	231.1	20.1	21.7	33.9	14.4	4.2	50.3	9.7	18.0	417.3	1,335.2
COMPLETED																			
1990-91	10,979	872.5	2,949	185.1	13,878	1,057.7	142.3	13.5	97.1	59.3	175.7	101.4	31.3	5.6	17.1	24.4	16.7	542.1	1,742.1
1991-92	11,172	869.2	2,815	164.4	13,987	1,033.6	139.0	21.4	89.8	19.0	567.9	31.5	27.5	7.1	27.5	17.7	20.1	829.7	2,002.3
1992-93	13,980	1,033.4	3,539	232.3	17,519	1,265.7	135.7	18.0	75.1	42.3	54.9	70.7	34.0	12.3	17.5	16.1	34.2	375.1	1,776.5
1992 Dec. qtr	3,930	304.6	889	53.7	4,819	358.3	34.7	10.6	36.7	7.1	15.0	18.0	10.1	3.0	3.6	5.0	4.1	113.3	506.3
1993 Mar. qtr	3,158	224.4	791	43.7	3,949	268.1	30.1	3.6	8.2	12.3	11.3	28.7	9.7	2.0	4.6	3.6	9.9	94.0	392.2
June qtr	4,029	307.9	1,157	97.6	5,186	405.5	39.3	1.1	16.3	17.6	12.0	13.1	8.0	6.4	7.1	4.0	8.6	94.0	538.8
Sept. qtr	3,511	274.4	1,131	68.3	4,642	342.7	36.0	2.3	25.9	8.4	9.6	12.4	2.0	1.3	3.1	10.2	13.1	88.4	467.0
Dec. qtr	4,163	344.5	1,112	70.7	5,275	415.2	40.1	2.9	32.9	9.2	18.3	18.8	6.4	1.9	8.8	2.3	17.1	118.5	573.8
1994 Mar. qtr	3,384	261.1	903	58.7	4,287	319.9	30.3	4.9	25.4	10.2	8.1	20.5	14.7	1.2	49.1	7.9	10.4	152.4	502.6

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, WESTERN AUSTRALIA—continued

Period	New residential building										Non-residential building																																																																																																																																																																																																																																																																																																																																																																																																				
	Houses					Other residential buildings					Total					Alterations and additions to residential buildings					Hotels etc.					Shops Factories Offices					Other business premises					Educational					Religious					Health					Entertainment and recreational					Miscellaneous					Total building																																																																																																																																																																																																																																																																																																																																																		
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)																																																																																																																																																																																																																																																																																																																																																																							
VALUE OF WORK DONE DURING PERIOD																																																																																																																																																																																																																																																																																																																																																																																																															
1990-91	..	829.9	..	169.0	..	998.9	146.5	18.9	93.1	45.5	295.8	55.1	30.5	6.2	19.7	18.5	17.9	601.1	1,746.6	1991-92	..	849.7	..	178.1	..	1,027.9	126.4	15.1	63.1	17.6	130.1	40.2	30.4	7.3	18.0	10.2	27.5	359.6	1,513.9	1992-93	..	1,070.4	..	232.4	..	1,302.8	137.9	15.1	100.7	42.6	56.7	62.3	33.2	12.2	60.3	23.6	40.3	447.0	1,887.8	1992 Dec. qtr	..	274.7	..	61.7	..	336.4	36.3	4.4	22.4	11.6	14.8	18.6	10.0	3.3	5.3	5.5	13.6	109.6	482.3	1993 Mar. qtr	..	256.4	..	55.5	..	311.8	31.7	2.9	17.3	11.1	11.7	15.1	7.1	3.7	32.7	7.5	12.5	121.7	465.2	June qtr	..	282.6	..	63.0	..	345.7	38.9	2.1	33.9	11.2	12.0	12.3	8.5	2.2	16.9	5.2	7.2	111.6	496.1	Sept. qtr	..	318.9	..	74.3	..	393.2	35.9	2.9	53.9	8.9	14.3	18.9	6.2	1.1	12.7	5.2	15.0	139.1	568.2	Dec. qtr	..	349.2	..	74.8	..	424.0	37.3	6.5	60.5	11.1	13.3	25.4	9.0	2.2	20.8	6.2	12.8	167.8	629.0	1994 Mar. qtr	..	329.5	..	81.6	..	411.1	34.9	4.8	65.8	12.9	11.1	21.2	8.4	2.1	15.1	4.7	6.7	152.9	598.9	VALUE OF WORK YET TO BE DONE																																								1990-91	..	157.2	..	80.3	..	237.5	22.6	10.5	36.1	6.3	57.4	8.0	7.1	2.3	8.6	2.4	5.7	144.4	404.5	1991-92	..	209.9	..	59.6	..	269.5	19.1	6.7	23.8	7.8	12.0	18.0	7.2	2.6	12.2	2.4	3.7	96.4	385.0	1992-93	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5
1992 Dec. qtr	..	274.7	..	61.7	..	336.4	36.3	4.4	22.4	11.6	14.8	18.6	10.0	3.3	5.3	5.5	13.6	109.6	482.3	1993 Mar. qtr	..	256.4	..	55.5	..	311.8	31.7	2.9	17.3	11.1	11.7	15.1	7.1	3.7	32.7	7.5	12.5	121.7	465.2	June qtr	..	282.6	..	63.0	..	345.7	38.9	2.1	33.9	11.2	12.0	12.3	8.5	2.2	16.9	5.2	7.2	111.6	496.1	Sept. qtr	..	318.9	..	74.3	..	393.2	35.9	2.9	53.9	8.9	14.3	18.9	6.2	1.1	12.7	5.2	15.0	139.1	568.2	Dec. qtr	..	349.2	..	74.8	..	424.0	37.3	6.5	60.5	11.1	13.3	25.4	9.0	2.2	20.8	6.2	12.8	167.8	629.0	1994 Mar. qtr	..	329.5	..	81.6	..	411.1	34.9	4.8	65.8	12.9	11.1	21.2	8.4	2.1	15.1	4.7	6.7	152.9	598.9	VALUE OF WORK YET TO BE DONE																																								1990-91	..	157.2	..	80.3	..	237.5	22.6	10.5	36.1	6.3	57.4	8.0	7.1	2.3	8.6	2.4	5.7	144.4	404.5	1991-92	..	209.9	..	59.6	..	269.5	19.1	6.7	23.8	7.8	12.0	18.0	7.2	2.6	12.2	2.4	3.7	96.4	385.0	1992-93	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																												
1993 Mar. qtr	..	256.4	..	55.5	..	311.8	31.7	2.9	17.3	11.1	11.7	15.1	7.1	3.7	32.7	7.5	12.5	121.7	465.2	June qtr	..	282.6	..	63.0	..	345.7	38.9	2.1	33.9	11.2	12.0	12.3	8.5	2.2	16.9	5.2	7.2	111.6	496.1	Sept. qtr	..	318.9	..	74.3	..	393.2	35.9	2.9	53.9	8.9	14.3	18.9	6.2	1.1	12.7	5.2	15.0	139.1	568.2	Dec. qtr	..	349.2	..	74.8	..	424.0	37.3	6.5	60.5	11.1	13.3	25.4	9.0	2.2	20.8	6.2	12.8	167.8	629.0	1994 Mar. qtr	..	329.5	..	81.6	..	411.1	34.9	4.8	65.8	12.9	11.1	21.2	8.4	2.1	15.1	4.7	6.7	152.9	598.9	VALUE OF WORK YET TO BE DONE																																								1990-91	..	157.2	..	80.3	..	237.5	22.6	10.5	36.1	6.3	57.4	8.0	7.1	2.3	8.6	2.4	5.7	144.4	404.5	1991-92	..	209.9	..	59.6	..	269.5	19.1	6.7	23.8	7.8	12.0	18.0	7.2	2.6	12.2	2.4	3.7	96.4	385.0	1992-93	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																
June qtr	..	282.6	..	63.0	..	345.7	38.9	2.1	33.9	11.2	12.0	12.3	8.5	2.2	16.9	5.2	7.2	111.6	496.1	Sept. qtr	..	318.9	..	74.3	..	393.2	35.9	2.9	53.9	8.9	14.3	18.9	6.2	1.1	12.7	5.2	15.0	139.1	568.2	Dec. qtr	..	349.2	..	74.8	..	424.0	37.3	6.5	60.5	11.1	13.3	25.4	9.0	2.2	20.8	6.2	12.8	167.8	629.0	1994 Mar. qtr	..	329.5	..	81.6	..	411.1	34.9	4.8	65.8	12.9	11.1	21.2	8.4	2.1	15.1	4.7	6.7	152.9	598.9	VALUE OF WORK YET TO BE DONE																																								1990-91	..	157.2	..	80.3	..	237.5	22.6	10.5	36.1	6.3	57.4	8.0	7.1	2.3	8.6	2.4	5.7	144.4	404.5	1991-92	..	209.9	..	59.6	..	269.5	19.1	6.7	23.8	7.8	12.0	18.0	7.2	2.6	12.2	2.4	3.7	96.4	385.0	1992-93	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																				
Sept. qtr	..	318.9	..	74.3	..	393.2	35.9	2.9	53.9	8.9	14.3	18.9	6.2	1.1	12.7	5.2	15.0	139.1	568.2	Dec. qtr	..	349.2	..	74.8	..	424.0	37.3	6.5	60.5	11.1	13.3	25.4	9.0	2.2	20.8	6.2	12.8	167.8	629.0	1994 Mar. qtr	..	329.5	..	81.6	..	411.1	34.9	4.8	65.8	12.9	11.1	21.2	8.4	2.1	15.1	4.7	6.7	152.9	598.9	VALUE OF WORK YET TO BE DONE																																								1990-91	..	157.2	..	80.3	..	237.5	22.6	10.5	36.1	6.3	57.4	8.0	7.1	2.3	8.6	2.4	5.7	144.4	404.5	1991-92	..	209.9	..	59.6	..	269.5	19.1	6.7	23.8	7.8	12.0	18.0	7.2	2.6	12.2	2.4	3.7	96.4	385.0	1992-93	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																								
Dec. qtr	..	349.2	..	74.8	..	424.0	37.3	6.5	60.5	11.1	13.3	25.4	9.0	2.2	20.8	6.2	12.8	167.8	629.0	1994 Mar. qtr	..	329.5	..	81.6	..	411.1	34.9	4.8	65.8	12.9	11.1	21.2	8.4	2.1	15.1	4.7	6.7	152.9	598.9	VALUE OF WORK YET TO BE DONE																																								1990-91	..	157.2	..	80.3	..	237.5	22.6	10.5	36.1	6.3	57.4	8.0	7.1	2.3	8.6	2.4	5.7	144.4	404.5	1991-92	..	209.9	..	59.6	..	269.5	19.1	6.7	23.8	7.8	12.0	18.0	7.2	2.6	12.2	2.4	3.7	96.4	385.0	1992-93	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																												
1994 Mar. qtr	..	329.5	..	81.6	..	411.1	34.9	4.8	65.8	12.9	11.1	21.2	8.4	2.1	15.1	4.7	6.7	152.9	598.9	VALUE OF WORK YET TO BE DONE																																								1990-91	..	157.2	..	80.3	..	237.5	22.6	10.5	36.1	6.3	57.4	8.0	7.1	2.3	8.6	2.4	5.7	144.4	404.5	1991-92	..	209.9	..	59.6	..	269.5	19.1	6.7	23.8	7.8	12.0	18.0	7.2	2.6	12.2	2.4	3.7	96.4	385.0	1992-93	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																																																
VALUE OF WORK YET TO BE DONE																																																																																																																																																																																																																																																																																																																																																																																																															
1990-91	..	157.2	..	80.3	..	237.5	22.6	10.5	36.1	6.3	57.4	8.0	7.1	2.3	8.6	2.4	5.7	144.4	404.5	1991-92	..	209.9	..	59.6	..	269.5	19.1	6.7	23.8	7.8	12.0	18.0	7.2	2.6	12.2	2.4	3.7	96.4	385.0	1992-93	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																																																																																																												
1991-92	..	209.9	..	59.6	..	269.5	19.1	6.7	23.8	7.8	12.0	18.0	7.2	2.6	12.2	2.4	3.7	96.4	385.0	1992-93	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																																																																																																																																
1992-93	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																																																																																																																																																				
1992 Dec. qtr	..	213.7	..	60.6	..	274.2	21.6	2.8	14.2	7.9	7.1	9.1	6.9	3.7	10.0	7.3	12.4	81.4	377.2	1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																																																																																																																																																																								
1993 Mar. qtr	..	226.2	..	59.0	..	285.2	23.5	2.2	98.6	7.4	8.7	6.8	6.5	1.1	22.3	7.5	5.1	166.0	474.7	June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																																																																																																																																																																																												
June qtr	..	252.6	..	59.1	..	311.7	24.2	2.7	133.6	6.4	9.0	12.3	6.2	1.9	15.3	6.6	7.2	201.2	537.2	Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																																																																																																																																																																																																																
Sept. qtr	..	291.4	..	66.2	..	357.6	20.9	6.7	114.6	6.3	8.1	13.8	6.8	2.5	21.7	4.8	11.8	197.0	575.5	Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																																																																																																																																																																																																																																				
Dec. qtr	..	303.5	..	83.1	..	386.6	23.4	6.5	118.0	8.3	11.2	14.6	6.4	2.5	17.2	5.3	9.1	199.1	609.1	1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																																																																																																																																																																																																																																																								
1994 Mar. qtr	..	321.7	..	95.2	..	417.0	28.5	6.2	92.0	9.1	10.8	11.5	7.3	1.7	15.9	4.0	7.5	166.0	611.5																																																																																																																																																																																																																																																																																																																																																																																												

TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, WESTERN AUSTRALIA

Period	New residential building										Non-residential building										Total building																																																																																																																																																														
	Houses					Other residential buildings					Total					Alterations and additions to residential buildings						Shops, Factories, Hotels etc.					Offices, business premises, Educational, Religious, Health					Entertainment and recreational					Miscellaneous					Total																																																																																																																																									
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)		Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)																																																																																																																																														
COMMENCED																																																																																																																																																																																			
1990-91	348	22.5	606	33.6	954	56.1	0.9	0.1	1.5	—	36.5	17.2	58.8	—	8.3	18.8	43.2	184.6	241.5	1991-92	358	24.3	1,387	79.6	1,745	103.9	0.7	0.2	2.4	—	24.9	12.3	77.3	—	18.1	23.8	18.3	177.1	281.6	1992-93	396	31.1	1,823	110.5	2,219	141.6	3.7	0.2	1.5	4.6	68.2	12.8	104.7	—	20.1	44.8	44.1	301.2	446.5	1992 Dec. qtr	76	8.2	351	20.2	427	28.5	0.8	0.1	—	—	26.4	1.0	9.2	—	—	5.2	9.0	50.9	80.1	1993 Mar. qtr	172	10.9	548	38.8	720	49.8	1.9	—	—	3.9	9.4	6.3	45.6	—	0.5	13.1	24.8	103.5	155.2	June qtr	99	7.9	357	19.8	456	27.7	1.0	0.2	0.8	0.7	14.1	5.4	26.0	—	19.3	21.9	7.0	95.4	124.0	Sept. qtr	111	9.6	449	27.6	560	37.2	0.2	—	1.2	0.6	1.3	2.3	16.1	—	10.8	9.9	3.0	45.2	82.5	Dec. qtr r	105	7.5	153	9.7	258	17.2	0.4	—	0.6	0.2	34.9	5.4	5.7	—	14.6	2.7	1.1	65.2	82.8	1994 Mar. qtr	91	6.3	247	17.5	338	23.8	0.2	—	—	—	18.8	6.8	20.3	—	—	5.8	1.9	53.8	77.8
UNDER CONSTRUCTION AT END OF PERIOD																																																																																																																																																																																			
1990-91	98	6.6	160	10.2	258	16.8	—	—	1.1	—	230.6	53.2	68.1	—	20.2	12.7	89.6	475.5	492.3	1991-92	89	7.3	985	59.1	1,074	66.4	0.1	—	1.8	—	212.0	4.6	83.5	—	18.4	18.8	82.9	422.1	488.5	1992-93	97	7.8	902	58.6	999	66.5	2.4	0.2	0.8	4.6	22.4	11.9	94.8	—	19.2	40.4	27.1	221.4	290.3	1992 Dec. qtr	53	6.1	1,012	64.9	1,065	71.1	0.6	0.1	0.4	—	235.4	1.1	65.3	—	7.3	23.4	19.7	352.8	424.4	1993 Mar. qtr	175	13.3	1,146	79.8	1,321	93.1	1.6	—	—	3.9	32.2	7.4	75.3	—	7.9	31.0	38.4	196.1	290.7	June qtr	97	7.8	902	58.6	999	66.5	2.4	0.2	0.8	4.6	22.4	11.9	94.8	—	19.2	40.4	27.1	221.4	290.3	Sept. qtr	110	9.9	853	58.9	963	68.8	0.1	—	1.9	0.6	9.7	12.6	99.3	—	30.0	45.7	17.9	217.7	286.6	Dec. qtr r	138	11.2	633	46.8	771	58.0	0.4	—	1.9	—	41.7	17.0	63.2	—	44.0	24.2	12.7	204.8	263.2	1994 Mar. qtr	119	9.2	606	45.3	725	54.6	0.1	—	1.6	—	44.8	14.2	61.5	—	42.1	27.6	3.5	195.3	249.9
COMPLETED																																																																																																																																																																																			
1990-91	456	31.7	1,010	55.5	1,466	87.2	1.2	0.2	1.7	—	27.5	11.0	86.3	—	7.7	24.1	60.8	219.3	307.7	1991-92	367	23.5	562	31.1	929	54.6	0.6	0.2	1.6	—	43.8	66.2	64.1	—	21.5	17.8	36.2	251.4	306.6	1992-93	388	30.6	1,897	111.2	2,285	141.8	1.3	0.1	2.6	—	258.2	5.4	96.5	—	20.3	24.0	99.8	506.9	650.0	1992 Dec. qtr	81	7.4	578	30.0	659	37.4	0.2	—	0.3	—	19.5	0.5	31.2	—	8.5	1.2	61.9	123.0	160.6	1993 Mar. qtr	50	3.8	41.4	24.0	464	27.8	0.9	0.1	0.4	—	212.5	0.1	38.7	—	0.4	5.4	6.3	263.8	292.4	June qtr	177	13.4	592	40.7	769	54.1	0.1	—	—	—	24.0	0.9	6.7	—	8.6	13.4	18.6	72.2	126.3	Sept. qtr	98	7.6	496	28.0	594	35.7	2.7	0.2	—	4.6	13.9	1.6	12.5	—	4.8	9.4	47.1	85.5	Dec. qtr r	77	6.2	373	21.8	450	28.0	0.1	—	0.6	0.9	3.4	0.9	43.5	—	1.0	24.1	6.1	80.6	108.7	1994 Mar. qtr	110	8.4	274	18.9	384	27.3	0.5	—	0.3	—	16.5	9.9	21.7	—	1.9	2.5	11.0	63.7	91.6	

TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, WESTERN AUSTRALIA—continued

Period	New residential building										Non-residential building									
	Houses					Other residential buildings					Total					Value (\$m)				
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Total	Alterations and additions to residential buildings	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	Total building			
VALUE OF WORK DONE DURING PERIOD																				
1990-91	..	27.4	..	43.3	..	70.8	1.0	0.2	0.7	—	124.7	37.3	86.4	—	20.9	20.2	55.1	345.5		
1991-92	..	22.1	..	49.4	..	71.5	0.7	0.2	1.8	—	80.8	23.3	71.2	—	12.5	20.6	72.7	283.3		
1992-93	..	31.6	..	113.7	..	145.4	2.9	0.2	2.4	4.0	68.9	6.9	100.7	—	12.2	35.6	43.9	274.8		
1992 Dec. qtr	..	6.6	..	29.4	..	36.0	0.5	—	0.5	—	18.1	0.3	30.4	—	2.7	4.1	8.6	64.6		
1993 Mar. qtr	..	8.6	..	28.5	..	37.1	1.2	—	—	2.0	11.6	2.2	18.9	—	1.1	10.1	16.8	62.8		
June qtr	..	9.7	..	22.2	..	31.9	1.1	0.1	0.3	2.0	16.6	3.7	25.2	—	2.6	16.0	10.9	77.5		
Sept. qtr	..	8.6	..	31.1	..	39.7	1.1	—	0.2	0.8	9.7	3.6	24.5	—	8.4	13.4	6.3	66.9		
Dec. qtr	..	6.7	..	19.4	..	26.1	0.3	—	1.2	0.6	12.2	7.4	24.8	—	9.1	10.3	5.5	71.1		
1994 Mar. qtr	..	8.9	..	14.0	..	22.9	0.3	—	0.3	—	16.9	7.0	19.3	—	6.7	7.1	3.3	60.7		
VALUE OF WORK YET TO BE DONE																				
1990-91	..	2.7	..	3.9	..	6.6	—	—	0.8	—	68.6	6.7	32.0	—	1.3	6.5	52.9	168.8		
1991-92	..	4.8	..	34.4	..	39.3	—	—	1.3	—	12.9	1.0	40.3	—	8.5	9.8	13.0	86.9		
1992-93	..	4.3	..	31.7	..	36.0	0.8	—	0.5	0.6	12.6	6.7	47.4	—	17.4	19.8	13.5	118.7		
1992 Dec. qtr	..	3.8	..	23.8	..	27.5	0.3	—	—	—	17.3	0.9	16.8	—	0.2	10.0	8.9	54.3		
1993 Mar. qtr	..	6.1	..	34.1	..	40.2	1.0	—	—	1.9	15.1	5.0	46.5	—	—	12.9	17.1	98.6		
June qtr	..	4.3	..	31.7	..	36.0	0.8	—	0.5	0.6	12.6	6.7	47.4	—	17.4	19.8	13.5	118.7		
Sept. qtr	..	5.4	..	29.0	..	34.4	—	—	1.5	0.3	4.2	5.5	40.0	—	19.9	16.4	7.5	95.2		
Dec. qtr	..	6.2	..	19.2	..	25.4	0.2	—	0.9	—	27.3	3.4	22.7	—	25.7	8.8	2.9	91.8		
1994 Mar. qtr	..	3.7	..	22.7	..	26.4	—	—	0.6	—	30.1	3.4	23.3	—	19.0	7.6	1.4	85.4		

**TABLE 4. NUMBER OF DWELLING UNITS BY STAGE OF CONSTRUCTION, WESTERN AUSTRALIA
SEASONALLY ADJUSTED SERIES**

Period	Houses				Total			
	Private sector		Total		Private sector		Total	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
1992 Dec. qtr	3,737	3,447	3,840	n.a.	4,611	4,231	5,138	4,815
1993 Mar. qtr	3,751	3,294	3,912	n.a.	4,781	4,154	5,566	4,551
June qtr	3,767	4,114	3,833	n.a.	4,929	5,252	5,320	6,066
Sept. qtr	4,110	3,822	4,244	n.a.	5,242	5,041	5,714	5,758
Dec. qtr	4,469	3,647	4,607	n.a.	5,704	4,630	6,086	5,030
1994 Mar. qtr	4,474	3,530	4,544	n.a.	6,064	4,509	6,433	4,815

**TABLE 5. VALUE OF BUILDING WORK DONE, WESTERN AUSTRALIA
SEASONALLY ADJUSTED SERIES
(\$ million)**

Period	New residential building			Alterations and additions to residential buildings	Non-residential building		Total building
	Houses	Other residential buildings	Total		Private sector	Total	
1992 Dec. qtr	277.9	85.2	364.9	34.2	99.5	166.0	558.5
1993 Mar. qtr	282.9	91.3	374.0	35.7	135.6	204.7	614.7
June qtr	293.2	88.8	383.5	37.6	119.8	196.0	618.0
Sept. qtr	311.0	100.3	407.7	39.5	129.9	189.8	642.2
Dec. qtr	351.5	88.1	441.2	34.9	151.9	227.7	695.4
1994 Mar. qtr	361.1	103.9	464.9	38.1	170.3	236.7	740.2

**TABLE 6. VALUE OF BUILDING WORK COMMENCED, AT AVERAGE 1989-90 PRICES (a), WESTERN AUSTRALIA
(\$ million)**

Period	New residential building			Alterations and additions to residential buildings	Non-residential building		Total building
	Houses	Other residential buildings	Total		Private sector	Total	
1990-91	855.2	202.4	1,057.6	144.7	381.7	561.9	1,764.2
1991-92	1,036.7	227.6	1,264.3	133.9	277.6	450.0	1,848.2
1992-93	1,266.4	336.9	1,603.3	158.5	530.3	825.6	2,587.4
1992 Dec. qtr	299.5	75.5	375.0	40.7	91.7	141.6	557.3
1993 Mar. qtr	310.4	91.2	401.6	38.8	196.3	297.9	738.3
June qtr	344.8	85.3	430.1	42.7	138.4	231.9	704.7
Sept. qtr	397.3	105.2	502.5	35.3	129.1	173.4	711.2
Dec. qtr r	396.9	97.4	494.3	42.0	160.7	224.5	760.8
1994 Mar. qtr	376.8	108.1	484.9	41.6	109.7	162.3	688.8

(a) See paragraphs 24 and 25 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 7. VALUE OF BUILDING WORK DONE, AT AVERAGE 1989-90 PRICES (a), WESTERN AUSTRALIA
ORIGINAL AND SEASONALLY ADJUSTED SERIES
(\$ million)**

Period	New residential building			Alterations and additions to residential buildings	Non-residential building		Total building
	Houses	Other residential buildings	Total		Private sector	Total	
ORIGINAL							
1990-91	929.8	207.4	1,137.2	160.4	579.9	913.0	2,210.6
1991-92	986.1	219.6	1,205.7	143.8	344.0	614.9	1,964.4
1992-93	1,230.5	337.5	1,568.0	157.1	429.6	693.6	2,418.7
1992 Dec. qtr	315.0	88.6	403.6	41.2	105.1	167.0	611.8
1993 Mar. qtr	294.8	82.3	377.1	36.6	117.5	178.1	591.8
June qtr	323.3	83.6	406.9	44.2	107.7	182.5	633.6
Sept. qtr	360.3	103.3	463.6	40.7	134.0	198.5	702.8
Dec. qtr r	387.7	92.1	479.8	40.9	161.5	229.9	750.6
1994 Mar. qtr	366.6	93.4	460.0	38.1	147.0	205.4	703.5
SEASONALLY ADJUSTED							
1992 Dec. qtr	311.2	82.8	395.4	38.3	95.4	159.1	585.7
1993 Mar. qtr	314.8	89.5	404.2	39.7	131.0	197.7	642.5
June qtr	324.3	87.0	413.3	41.5	115.7	189.2	645.6
Sept. qtr	342.1	98.3	436.6	43.5	125.2	182.9	667.8
Dec. qtr r	382.9	86.2	470.3	38.0	146.2	219.1	718.4
1994 Mar. qtr	391.3	101.5	492.7	41.3	163.8	227.7	762.7

(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 8. NUMBER OF DWELLING UNITS BY OWNERSHIP,
CLASS OF BUILDER AND STAGE OF CONSTRUCTION,
WESTERN AUSTRALIA**

Period	Private sector					Public sector			Total		
	Houses			Other residential buildings	Total	Houses	Other residential buildings	Total	Houses	Other residential buildings	Total
	Contractor-built	Other	Total								
COMMENCED											
1990-91	8,287	1,684	9,971	2,453	12,424	348	606	954	10,319	3,059	13,378
1991-92	9,811	2,110	11,921	2,657	14,578	358	1,387	1,745	12,279	4,044	16,323
1992-93	12,704	1,911	14,615	3,955	18,570	396	1,823	2,219	15,011	5,778	20,789
1992 Dec. qtr	3,133	495	3,628	973	4,601	76	351	427	3,704	1,324	5,028
1993 Mar. qtr	2,990	489	3,479	910	4,389	172	548	720	3,651	1,458	5,109
June qtr	3,388	491	3,879	1,084	4,963	99	357	456	3,978	1,441	5,419
Sept. qtr	3,878	542	4,420	1,234	5,654	111	449	560	4,531	1,683	6,214
Dec. qtr	3,722	622	4,344	1,359	5,703	105	153	258	4,449	1,512	5,961
1994 Mar. qtr	3,722	420	4,143	1,413	5,556	91	247	338	4,234	1,660	5,894
UNDER CONSTRUCTION AT END OF PERIOD											
1990-91	2,410	1,607	4,017	1,721	5,738	98	160	258	4,115	1,881	5,996
1991-92	2,800	1,906	4,706	1,554	6,260	89	985	1,074	4,795	2,539	7,334
1992-93	3,470	1,828	5,298	1,929	7,227	97	902	999	5,395	2,831	8,226
1992 Dec. qtr	3,337	1,807	5,144	1,910	7,054	53	1,012	1,065	5,197	2,922	8,119
1993 Mar. qtr	3,558	1,897	5,455	2,020	7,475	175	1,146	1,321	5,630	3,166	8,796
June qtr	3,470	1,828	5,298	1,929	7,227	97	902	999	5,395	2,831	8,226
Sept. qtr	4,231	1,952	6,182	2,032	8,214	110	853	963	6,292	2,885	9,177
Dec. qtr	4,352	2,010	6,362	2,279	8,641	138	633	771	6,500	2,912	9,412
1994 Mar. qtr	5,054	2,042	7,096	2,735	9,831	119	606	725	7,215	3,341	10,556
COMPLETED											
1990-91	8,730	2,200	10,929	2,949	13,878	456	1,010	1,466	11,385	3,959	15,344
1991-92	9,398	1,774	11,172	2,815	13,987	367	562	929	11,539	3,377	14,916
1992-93	12,053	1,927	13,980	3,539	17,519	388	1,897	2,285	14,368	5,436	19,804
1992 Dec. qtr	3,406	524	3,930	889	4,819	81	578	659	4,011	1,467	5,478
1993 Mar. qtr	2,769	389	3,158	791	3,949	50	414	464	3,208	1,205	4,413
June qtr	3,470	560	4,029	1,157	5,186	177	592	769	4,206	1,749	5,955
Sept. qtr	3,116	394	3,511	1,131	4,642	98	496	594	3,609	1,627	5,236
Dec. qtr	3,633	531	4,163	1,112	5,275	77	373	450	4,240	1,485	5,725
1994 Mar. qtr	3,019	366	3,384	903	4,287	110	274	384	3,494	1,177	4,671

TABLE 9. NUMBER AND VALUE OF NEW HOUSES BUILT BY CONTRACT BUILDERS FOR PRIVATE OWNERSHIP, BY COMPLETION VALUE RANGE AND STAGE OF CONSTRUCTION WESTERN AUSTRALIA

Period	Commenced				Under construction at end of period				Completed			
	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Total	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Total	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Total
	NUMBER											
1990-91	395	3,727	4,165	8,287	83	808	1,519	2,410	407	3,743	4,579	8,730
1991-92	327	4,362	5,122	9,811	84	961	1,755	2,800	300	4,211	4,887	9,398
1992-93	732	4,604	7,367	12,704	165	831	2,474	3,470	651	4,728	6,673	12,053
1992 Dec. qtr	187	1,299	1,647	3,133	177	1,047	2,113	3,337	59	1,435	1,913	3,406
1993 Mar. qtr	239	884	1,868	2,990	240	878	2,439	3,558	176	1,065	1,529	2,769
June qtr	201	1,158	2,028	3,388	165	831	2,474	3,470	288	1,173	2,009	3,470
Sept. qtr	25	1,348	2,505	3,878	40	1,084	3,108	4,231	50	1,158	1,908	3,116
Dec. qtr	49	921	2,752	3,722	36	845	3,471	4,352	87	1,159	2,386	3,633
1994 Mar. qtr	51	1,048	2,623	3,722	65	1,061	3,928	5,054	47	832	2,140	3,019
VALUE (\$m)												
1990-91	13.7	187.5	426.4	627.6	3.0	40.3	194.7	237.9	13.8	188.3	509.3	711.4
1991-92	11.8	221.1	491.6	724.5	3.1	48.8	192.3	244.2	11.0	212.6	505.0	728.5
1992-93	25.3	234.6	702.7	962.5	5.9	43.3	285.2	334.4	22.4	239.3	622.0	883.7
1992 Dec. qtr	6.5	66.4	150.5	223.4	6.0	53.9	230.2	290.1	2.1	72.9	181.6	256.5
1993 Mar. qtr	8.3	44.1	179.2	231.6	8.4	44.2	275.3	328.0	5.9	54.2	134.6	194.8
June qtr	6.8	59.4	203.9	270.1	5.9	43.3	285.2	334.4	9.8	58.6	199.2	267.6
Sept. qtr	0.9	70.7	236.8	308.4	1.3	57.2	343.8	402.3	1.8	60.0	182.1	243.9
Dec. qtr	1.4	48.5	259.3	309.3	1.1	44.9	373.3	419.4	2.8	60.6	232.9	296.2
1994 Mar. qtr	1.6	56.0	245.6	303.2	2.0	56.7	434.9	493.6	1.7	44.2	187.7	233.6

**TABLE 10. SUMMARY OF BUILDING ACTIVITY, WESTERN AUSTRALIA
RELATIVE STANDARD ERRORS (PER CENT)
MARCH QUARTER 1994**

Ownership and stage of construction	New residential building			Value		
	Houses		Total	Alterations and additions to residential buildings	Total building	
	Number	Value	Number of dwelling units			Value
PRIVATE SECTOR						
Commenced	3.3	3.2	2.5	2.5	4.9	1.9
Under construction at end of period	2.8	2.8	2.0	2.2	5.9	1.4
Completed	5.0	5.3	3.9	4.3	9.6	2.8
Value of work done	..	2.8	..	2.3	6.1	1.6
Value of work yet to be done	..	3.3	..	2.6	6.7	1.8
TOTAL PRIVATE AND PUBLIC SECTORS						
Commenced	3.2	3.2	2.3	2.4	4.9	1.7
Under construction at end of period	2.8	2.7	1.9	2.0	5.9	1.2
Completed	4.8	5.1	3.6	4.0	9.4	2.4
Value of work done	..	2.8	..	2.1	6.1	1.4
Value of work yet to be done	..	3.3	..	2.4	6.7	1.5

**TABLE 11 – VALUE OF NON-RESIDENTIAL BUILDING COMPLETED AND UNDER CONSTRUCTION
BY STATISTICAL LOCAL AREAS AND STATISTICAL DIVISIONS
(\$'000)**

<i>Statistical division Statistical local area (a)</i>	<i>Completed during period</i>			<i>Under construction at end of period</i>
	<i>Year ended June 1993</i>	<i>Quarter ended December 1993 (r)</i>	<i>Quarter ended March 1994p</i>	<i>Quarter ended March 1994p</i>
PERTH STATISTICAL DIVISION				
Armadale (C)	6,294	2,078	6,834	2,959
Bassendean (T)	2,004	936	836	1,077
Bayswater (C)	7,267	4,040	952	86,572
Belmont (C)	10,160	4,584	2,165	2,240
Canning (C)	36,721	7,630	3,205	16,649
Claremont (T)	6,715	612	360	2,649
Cockburn (C)	28,910	7,387	3,278	7,214
Cottesloe (T)	670	53	485	315
East Fremantle (T)	395	120	—	7,888
Fremantle (C) – Inner	2,977	2,933	—	1,443
Fremantle (C) – Remainder	13,450	2,092	3,165	13,041
Fremantle (C) – Total	16,427	5,025	3,165	14,484
Gosnells (C)	8,821	5,917	1,628	5,705
Kalamunda (S)	6,125	1,285	63	2,242
Kwinana (T)	7,399	561	418	3,969
Melville (C)	27,054	2,867	62,821	12,097
Mosman Park (T)	789	600	3,079	3,780
Mundaring (S)	6,214	1,180	489	2,101
Nedlands (C)	11,946	10,271	4,701	3,540
Peppermint Grove (S)	—	—	—	—
Perth (C) – Inner	305,938	11,679	14,190	46,208
Perth (C) – North	2,704	327	218	5,205
Perth (C) – Outer	26,195	9,237	6,485	8,227
Perth (C) – South	24,299	10,588	8,025	21,034
Perth (C) – Wembley-Coastal	11,738	168	170	880
Perth (C) – Total	370,874	31,999	29,088	81,554
Rockingham (C)	15,270	5,031	13,903	47,765
Serpentine-Jarrahdale (S)	3,950	—	289	800
South Perth (C)	4,928	3,988	2,489	11,191
Stirling (C) – Central	29,295	3,147	5,760	7,567
Stirling (C) – West	26,832	7,681	10,594	3,985
Stirling (C) – South Eastern	2,169	735	70	9,023
Stirling (C) – Total	58,296	11,563	16,424	20,575
Subiaco (C)	6,018	7,667	6,193	21,886
Swan (S)	52,332	6,253	6,416	61,615
Wanneroo (C)	70,617	24,816	8,630	105,623
Total	766,196	146,464	177,910	526,491
SOUTH-WEST STATISTICAL DIVISION (b)				
Augusta-Margaret River (S)	1,993	1,430	615	1,211
Boddington (S) (b)	—	—	—	—
Boyup Brook (S)	—	—	—	30
Bridgetown-Greenbushes (S)	917	93	892	100
Bunbury (C)	6,363	2,091	2,095	7,245
Busselton (S)	7,592	4,583	1,629	10,650
Capel (S)	502	—	100	—
Collie (S)	98	220	882	1,500
Dardanup (S)	432	641	—	410
Donnybrook-Balingup (S)	517	—	1,197	358
Harvey (S)	3,729	665	491	1,081
Mandurah (C)	6,526	1,539	3,561	2,845
Manjimup (S)	1,081	1,018	78	2,032
Murray (S)	595	407	459	341
Nannup (S)	545	—	20	181
Waroona (S)	4,510	—	—	1,147
Total (b)	35,400	12,688	12,020	29,131

**TABLE 11 – VALUE OF NON-RESIDENTIAL BUILDING COMPLETED AND UNDER CONSTRUCTION
BY STATISTICAL LOCAL AREAS AND STATISTICAL DIVISIONS – *continued***
(*\$'000*)

<i>Statistical division Statistical local area (a)</i>	<i>Completed during period</i>			<i>Under construction at end of period</i>
	<i>Year ended June 1993</i>	<i>Quarter ended December 1993 (r)</i>	<i>Quarter ended March 1994p</i>	<i>Quarter ended March 1994p</i>
LOWER GREAT SOUTHERN STATISTICAL DIVISION				
Albany (T)	8,235	549	1,919	1,366
Albany (S)	1,725	294	2,075	417
Broomehill (S)	—	—	—	—
Cranbrook (S)	—	—	—	—
Denmark (S)	1,180	964	195	883
Gnowangerup (S)	—	—	—	100
Jerramungup (S)	225	770	—	94
Katanning (S)	162	—	—	—
Kent (S)	—	—	—	—
Kojonup (S)	—	140	67	—
Plantagenet (S)	889	215	—	198
Tarnbellup (S)	—	410	—	—
Woodanilling (S)	—	—	—	—
Total	12,416	3,342	4,256	3,059
UPPER GREAT SOUTHERN STATISTICAL DIVISION (b)				
Brookton (S)	—	—	362	—
Corrigin (S)	—	—	—	—
Cuballing (S)	—	—	—	—
Dumbleyung (S)	—	—	—	—
Kondinin (S)	848	—	140	—
Kulin (S)	—	—	—	—
Lake Grace (S)	—	—	—	—
Narrogin (T)	950	—	680	1,125
Narrogin (S)	—	—	—	—
Pingelly (S)	—	—	—	—
Wagin (S)	84	—	—	—
Wandering (S)	—	—	—	90
West Arthur (S)	—	—	—	—
Wickepin (S)	—	—	472	—
Williams (S)	155	89	—	—
Total (b)	2,037	89	1,654	1,215
MIDLANDS STATISTICAL DIVISION				
Beverley (S)	—	135	—	—
Bruce Rock (S)	—	—	—	—
Chittering (S)	334	1,150	—	—
Cunderdin (S)	60	—	—	60
Dalwallinu (S)	—	298	80	—
Dandaragan (S)	113	217	—	722
Dowerin (S)	—	—	—	—
Gingin (S)	55	230	278	3,500
Goomalling (S)	—	128	—	—
Kellerberrin (S)	—	—	29	—
Koorda (S)	—	—	—	—
Merredin (S)	204	55	—	745
Moora (S)	420	—	—	—
Mount Marshall (S)	—	—	—	—
Mukinbudin (S)	390	—	—	—
Narembeen (S)	—	—	—	—
Northam (T)	732	655	250	17,635
Northam (S)	641	—	2,016	—
Nungarin (S)	—	—	—	—
Quairading (S)	—	—	412	185
Tammin (S)	—	—	—	—
Toodyay (S)	212	—	177	2,479
Trayning (S)	—	—	—	—
Victoria Plains (S)	—	100	55	—
Westonia (S)	—	—	—	—
Wongan-Ballidu (S)	915	—	—	—
Wyalkatchem (S)	—	—	—	—
Yilgarn (S)	220	—	—	—
York (S)	50	60	—	—
Total	4,346	3,028	3,297	25,326

TABLE 11 – VALUE OF NON-RESIDENTIAL BUILDING COMPLETED AND UNDER CONSTRUCTION
BY STATISTICAL LOCAL AREAS AND STATISTICAL DIVISIONS – *continued*
(\$'000)

Statistical division Statistical local area (a)	Completed during period			Under construction at end of period
	Year ended June 1993	Quarter ended December 1993 (r)	Quarter ended March 1994p	Quarter ended March 1994p
SOUTH-EASTERN STATISTICAL DIVISION				
Coolgardie (S)	189	225	—	—
Dundas (S)	—	—	—	—
Esperance (S)	1,834	300	330	710
Kalgoorlie-Boulder (C)	9,912	10,942	2,371	5,984
Laverton (S)	—	—	—	—
Leonora (S)	1,797	1,473	—	—
Menzies (S)	—	—	—	—
Ravenshorpe (S)	1,432	—	—	86
Total	15,164	12,940	2,701	6,780
CENTRAL STATISTICAL DIVISION				
Carnamah (S)	228	—	—	—
Carnarvon (S)	1,111	404	1,346	1,278
Chapman Valley (S)	113	—	—	—
Coorow (S)	130	140	—	—
Cue (S)	—	99	—	72
Exmouth (S)	240	101	—	195
Geraldton (C)	4,914	3,350	1,548	4,433
Greenough (S)	1,887	—	250	140
Irwin (S)	535	—	—	—
Meekatharra (S)	1,591	—	267	—
Mingenew (S)	—	—	70	—
Morawa (S)	1,815	—	—	—
Mount Magnet (S)	—	—	—	—
Mullewa (S)	186	—	406	—
Murchison (S)	—	170	—	—
Ngaanyatjarraku (S) (c)	—	—	—	—
Northampton (S)	151	250	90	—
Perenjori (S)	—	—	—	—
Sandstone (S)	—	—	—	—
Shark Bay (S)	200	47	—	90
Three Springs (S)	—	—	—	—
Upper Gascoyne (S)	—	—	—	—
Wiluna (S) (c)	171	5,290	—	—
Yalgoo (S)	—	—	—	—
Total	13,271	9,850	3,977	6,209
PILBARA STATISTICAL DIVISION				
Ashburton (S)	2,283	1,059	5,660	8,301
East Pilbara (S)	1,703	3,236	1,182	1,451
Port Hedland (T)	6,993	1,691	1,751	875
Roebourne (S)	12,279	1,190	220	398
Total	23,258	7,175	8,812	11,024
KIMBERLEY STATISTICAL DIVISION				
Broome (S)	2,339	538	822	2,631
Derby-West Kimberley (S)	1,920	1,124	—	—
Halls Creek (S)	707	1,321	—	663
Wyndham-East Kimberley (S)	4,917	538	651	71
Total	9,883	3,521	1,473	3,365
STATE SUMMARY				
STATISTICAL DIVISION				
Perth	766,196	146,464	177,910	526,491
South-West	35,399	12,688	12,020	29,131
Lower Great Southern	12,416	3,342	4,256	3,059
Upper Great Southern	2,037	89	1,654	1,215
Midlands	4,346	3,028	3,297	25,326
South-Eastern	15,164	12,940	2,701	6,780
Central	13,271	9,850	3,977	6,209
Pilbara	23,258	7,175	8,812	11,024
Kimberley	9,883	3,521	1,473	3,365
WESTERN AUSTRALIA	881,970	199,097	216,101	612,599

(a) City councils are marked (C), Town councils (T) and Shire councils (S). (b) From 1 July 1993, Boddington (S) is part of the South-West Statistical Division. Formerly part of the Upper Great Southern Statistical Division. (c) From 1 July 1993, Ngaanyatjarraku is a new Shire council. Formerly part of Wiluna (S).

EXPLANATORY NOTES

Introduction

This publication contains detailed results from the quarterly Building Activity Survey. Users should note that data for the latest quarter is subject to revision.

2. The statistics are compiled on the basis of returns collected from builders and other individuals and organisations engaged in building activity. The quarterly survey consists of two components.

- (a) A sample survey of private sector house building activity involving new house construction or alterations and additions valued at \$10,000 or more to houses.
- (b) A complete enumeration of jobs involving construction of new residential buildings other than private sector houses, all alterations and additions to residential buildings (other than private sector houses) with an approval value of \$10,000 or more, and all non-residential building jobs with an approval value of \$50,000 or more.

3. From the September quarter 1990, only non-residential building jobs (both new and alterations and additions) with an approval value of \$50,000 or more are included in the survey. For the September quarter 1985 to June quarter 1990, the cut-off for inclusion was \$30,000 or more and prior to that it was \$10,000 or more. Care should be taken in interpreting data for specific classes of non-residential building.

4. The use of sample survey techniques in the Building Activity Survey means that reliable estimates of private sector house building activity, including alterations and additions to houses, are available only at the State/Territory and Australia levels with the exception of the Northern Territory. However, dwelling unit commencement data for regions below State level are shown in the monthly series of dwelling unit commencements compiled by State offices of the ABS. Data from this series, unlike those compiled from the Building Activity Survey, are based on information reported by local and other government authorities.

Scope and coverage

5. 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.

6. Building jobs included in each quarter in the Building Activity Survey comprise those building jobs selected in previous quarters which have not been completed (or commenced) by the end of the previous quarter and those building jobs newly selected in the current quarter. The population list from which building jobs are selected for inclusion comprises all approved building jobs which were notified to the ABS up to but not including the last month of the reference quarter (e.g. up to the end of August in respect of the September quarter survey). This introduces a lag to the statistics in respect of those building jobs notified and commenced in the last month of the reference quarter (e.g. for the month of September in respect of the September quarter survey). For example, building jobs which were notified as approved in the month of June and which actually commenced in that month are shown as commencements in the September quarter. Similarly, building jobs which were notified in the month of September and which actually commenced in that month are shown as commencements in the December quarter.

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 building.

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 caretakers' 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. The number of dwelling units created by alterations and additions to existing buildings, and through the construction of new non-residential buildings, is not included in the tables but is shown as a footnote to Table 1.

11. *Commenced*. A building job is regarded as commenced when the first physical building activity has been performed on site in the form of materials fixed in place and/or labour expended (this includes site preparation but excludes delivery of building materials, the drawing of plans and specifications and the construction of non-building infrastructures such as roads).

12. *Under construction*. A building job is regarded as being under construction at the end of a period if it has been commenced but has not been completed, and work on it has not been abandoned.

13. *Completed*. A building job is regarded as completed when building activity has progressed to the stage when the building can fulfil its intended function. In practice, the ABS regards buildings as completed when notified as such by respondents to the survey.

Valuation of building jobs

14. The value series in this publication are derived from estimates reported on survey returns as follows.

- (a) *Value of building commenced or under construction* represents the anticipated completion value based, where practicable, on estimated market or contract price of building jobs excluding the value of land and landscaping. Site preparation costs are included. Where building jobs proceed over several quarters,

the anticipated completion value reported on the return for the first (commencement) quarter may be amended on returns for subsequent (under construction) quarters as the job nears completion.

- (b) *Value of building completed* represents the actual completion value based, where practicable, on the market or contract price of building jobs including site preparation costs but excluding the value of land and landscaping.
- (c) *Value of building work done during the period* represents the estimated value of building work actually carried out during the quarter on building jobs which have commenced.
- (d) *Value of building work yet to be done* represents the difference between the anticipated completion value and the estimated value of work done on building jobs up to the end of the period.

Building classification

15. *Ownership.* The ownership of a building is classified as either *public sector* or *private sector* according to the sector of the intended owner of the completed building as evident at the time of approval. Residential buildings being constructed by private sector builders under government housing authority schemes whereby the authority has contracted, or intends to contract, to purchase the buildings on or before completion, are classified as public sector.

16. *Builder type.* Houses are classified according to the type of builder as follows.

- (a) *Contractor-built houses* are those constructed by a private recognised building contractor, either under contract, or in anticipation of sale or rental.
- (b) *Houses built by other than contract builders* are those constructed by an owner (other than a recognised building contractor) or under the owner's direction, without the services of a single contractor responsible for the whole job. Houses built by businesses (other than recognised building contractors) and public sector organisations are also included in this category.

17. *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 where, for example, a student accommodation building on a university campus would be classified to Educational.

18. Examples of the types of buildings included under each main functional heading are shown in the following list.

- (a) *Houses.* Includes cottages, bungalows, detached caretakers'/managers' cottages, rectories.
- (b) *Other residential buildings.* Includes blocks of flats, home units, attached townhouses, villa units, terrace houses, semi-detached houses, maisonettes.
- (c) *Hotels, etc.* Includes motels, hostels, boarding houses, guest houses, holiday apartment buildings.

- (d) *Shops.* Includes retail shops, restaurants, cafes, taverns, dry cleaners, laundromats, hair salons, shopping arcades.
- (e) *Factories.* Includes paper mills, oil refinery buildings, brickworks, foundries, powerhouses, manufacturing laboratories, workshops as part of a manufacturing process.
- (f) *Offices.* Includes banks, post offices, council chambers, head and regional offices.
- (g) *Other business premises.* Includes warehouses, storage depots, service stations, transport depots and terminals, electricity sub-station buildings, pumping station buildings, telephone exchanges, mail sorting centres, broadcasting stations, film studios.
- (h) *Educational.* Includes schools, colleges, kindergartens, libraries, museums, art galleries, research and teaching laboratories, theological colleges.
- (i) *Religious.* Includes churches, chapels, temples.
- (j) *Health.* Includes hospitals, nursing homes, surgeries, clinics, medical centres.
- (k) *Entertainment and recreational.* Includes clubs, theatres, cinemas, public halls, gymnasiums, grandstands, squash courts, sports and recreation centres.
- (l) *Miscellaneous.* Includes law courts, homes for the aged (where medical care is not provided as a normal service), orphanages, gaols, barracks, mine buildings, glasshouses, livestock sheds, shearing sheds, fruit and skin drying sheds, public toilets, and ambulance, fire and police stations.

Reliability of the estimates

19. Since the figures for private sector house building activity (including alterations and additions) are derived from information obtained from a sample of approved building jobs, they are subject to sampling error; that is, they may differ from the figures that would have been obtained if information for all approved jobs for the relevant period had been included in the survey. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of approved jobs was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all approved jobs had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the *relative standard error*, which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard errors of estimates provide an indication of the percentage errors likely to have occurred due to sampling, and are shown in Table 10.

20. An example of the use of relative standard errors is as follows. Assume that the estimate of the number of new private sector houses commenced during the latest quarter is 2,000 (for actual estimate see Table 2) and that the associated relative standard error is 2.5 per cent (for actual percentage see Table 10). There would then be about two chances in three that the number which would have been obtained if information had been collected about all approved private sector house jobs would have been within the range 1,950 to 2,050 (2.5 per cent of 2,000 is 50) and about nineteen chances in twenty that the number would have been within the range 1,900 to 2,100.

21. The imprecision due to sampling variability, which is measured by the relative standard error, should not be confused with inaccuracies that may occur because of inadequacies in the source of building approval information, imperfections in reporting by respondents, and errors made in the coding and processing of data. Inaccuracies of this kind are referred to as non-sampling error, and may occur in any enumeration whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by the careful design of questionnaires, efforts to obtain responses for all selected building jobs, and efficient operating procedures.

Seasonal adjustment

22. Seasonally adjusted building statistics are shown in Tables 4, 5 and 7. In the seasonally adjusted series, account has been taken of normal seasonal factors and trading day effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the quarter) and the effect of movement in the date of Easter which may, in successive years, affect figures for different quarters. Details of the methods used in seasonally adjusting the series are given in *Seasonally Adjusted Indicators, Australia* (1308.0).

23. Since seasonally adjusted statistics reflect both irregular and trend movements, an upward or downward movement in a seasonally adjusted series does not necessarily indicate a change of trend. Particular care should therefore be taken in interpreting individual quarter to quarter movements. Each of the component series shown has been seasonally adjusted independently. As a consequence, while the unadjusted components in the original series shown add to the totals, 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 optimal 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.

Estimates at constant prices

24. Estimates of the value of commencements and work done at average 1989-90 prices are shown in Tables 6 and 7. Constant price estimates measure changes in value after the direct effects of price changes have been eliminated. The deflators used to revalue the current price estimates in this publication are derived from the same price data underlying the deflators compiled for the dwellings and non-dwelling construction components of the national accounts aggregate 'Gross fixed capital expenditure'.

25. 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).

26. The factors used to seasonally adjust the constant price series are identical to those used to adjust the corresponding current price series.

Australian Standard Geographical Classification

27. Area statistics are classified according to the Australian Standard Geographical Classification. Figures previously published for local government areas and statistical divisions are directly comparable with this classification except for the cities of Perth, Fremantle and Stirling which are obtained by aggregating the component statistical local areas.

Unpublished data and related publications

28. The ABS can also make available certain building approvals and activity 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, floppy disk and clerically extracted tabulation. Inquiries should be made to the contact shown at the front of this publication.

29. Users may also wish to refer to the following building and construction publications which are available on request:

Building Approvals, Australia (8731.0) – monthly (\$13.50)
Building Approvals, Western Australia (8731.5) – monthly (\$11.00)

Dwelling Unit Commencements Reported by Approving Authorities, Western Australia (8741.5) – monthly (\$11.00)

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

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

Engineering Construction Activity, Australia (8762.0) – quarterly (\$11.00)

Construction Activity at Constant Prices, Australia (8782.0) – quarterly (\$11.00)

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 *Publications 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

... not applicable
— nil or rounded to zero
r figure or series revised since previous issue
p preliminary – series subject to revision

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

P.C. KELLY
Deputy Commonwealth Statistician
and Government Statist



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