

**BUILDING ACTIVITY, VICTORIA
SEPTEMBER QUARTER 1995**

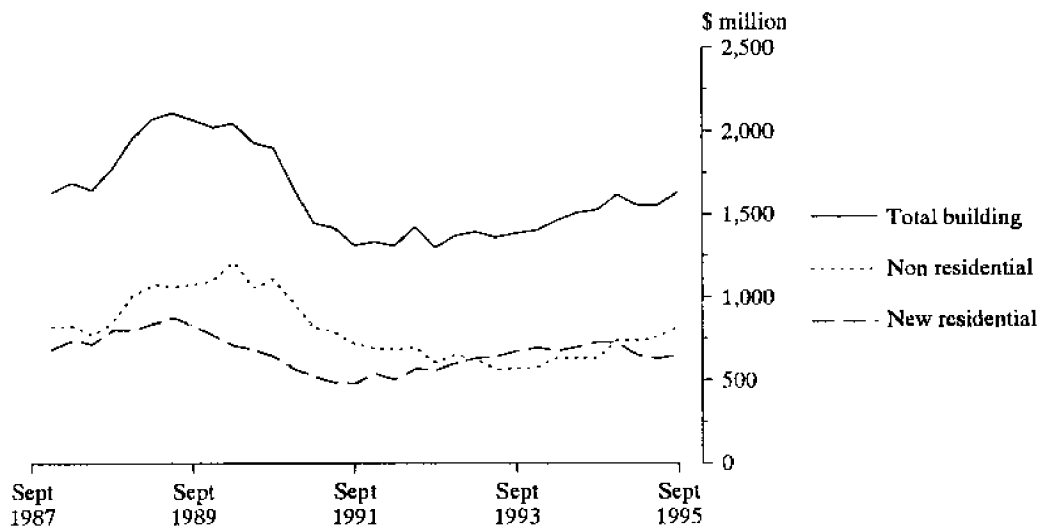
SUMMARY OF FINDINGS

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

	% change on	
	June quarter 1995	Sept quarter 1994
New residential building	3.8	-10.5
Alterations and additions to residential buildings	10.3	-6.5
Non-residential building	8.2	30.8
Total building	5.0	7.1

- In seasonally adjusted average 1989-90 prices, the total value of building work done during the September quarter 1995 rose 5.0% to \$1,633.5 million. This level is the highest since the December quarter 1990.
- Work done on new residential building rose 3.8% but was still 10.5% below that of a year earlier. Most of the increase during the quarter was attributable to other residential buildings, for which the value of work done rose to the highest since the June quarter 1985.
- Work done on non-residential building rose 8.2% during the quarter to \$822.5 million, the highest since the December quarter 1990 and 30.8% above that of a year earlier.

**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- for more information about statistics in this publication and the availability of related unpublished statistics, contact Rex Porter on Adelaide (08) 237 7496 or any ABS State Office.
- for information about other ABS statistics and services please refer to the back of this publication.

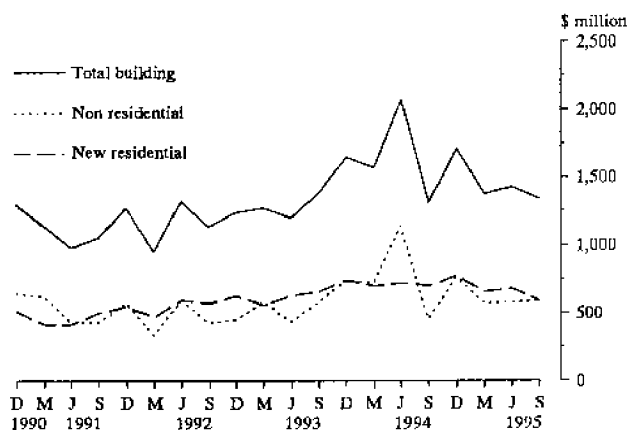
SUMMARY OF FINDINGS – continued

Value of building work commenced at average 1989–90 prices

	% change on	
	June quarter 1995	Sept quarter 1994
New residential building	-13.1	-15.8
Alterations and additions to residential buildings	-6.6	-0.7
Non-residential building	2.2	30.1
Total building	-6.1	2.0

- In average 1989–90 prices, the total value of all building work commenced during the quarter declined 6.1% to \$1,338.0 million.
- This decline was attributable to a large fall of 59.8% in commencements of other residential buildings which dropped from a relatively high \$156.3 million in the June quarter 1995 to \$62.9 million. Overall, commencements of new residential buildings were down 13.1% to \$590.7 million.
- There was a small increase of 2.2% to \$595.0 million in the value of non-residential buildings commenced during the quarter and this level was 30.1% above that of the relatively low figure of a year earlier.

VALUE OF WORK COMMENCED AT AVERAGE 1989-90 PRICES

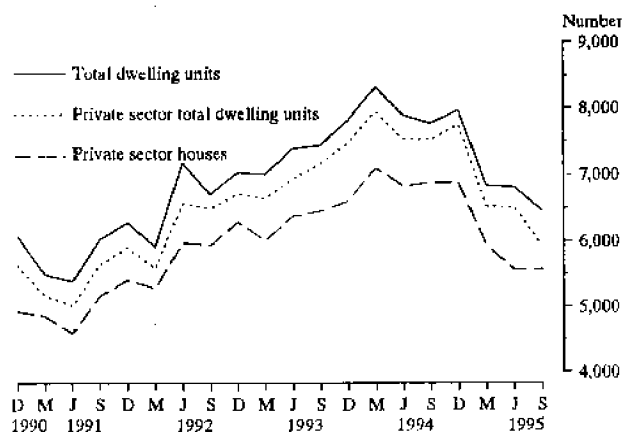


Number of dwelling units commenced, seasonally adjusted

	% change on	
	June quarter 1995	Sept quarter 1994
Private sector houses	0.0	-19.1
Private sector dwelling units	-9.0	-21.2
Total dwelling units	-5.0	-16.9

- In seasonally adjusted terms, the estimate of the total number of dwelling units commenced during the quarter dropped by 5.0% to 6,464.
- Although the number of private sector house commencements remained stable during the quarter, they were down 19.1% on a year earlier. However, commencements of private sector dwelling units in total were down 9.0% due to a large fall in commencements of private sector other residential dwelling units.

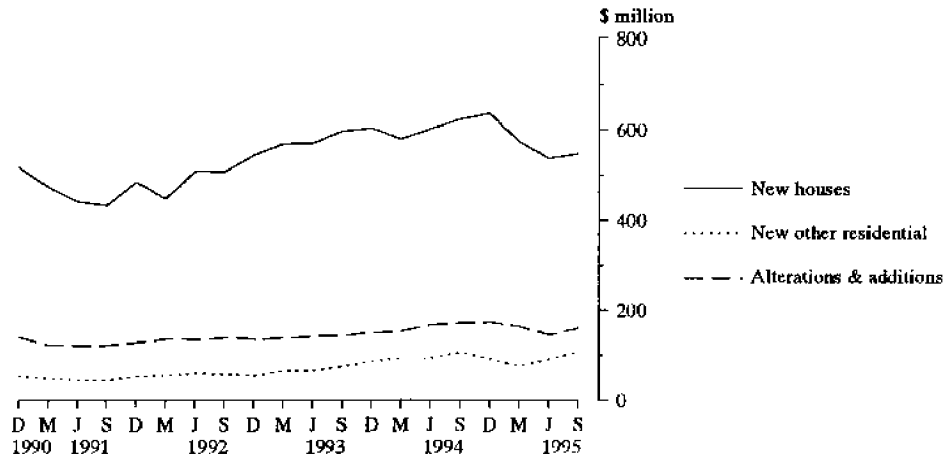
NEW DWELLING UNITS COMMENCED SEASONALLY ADJUSTED



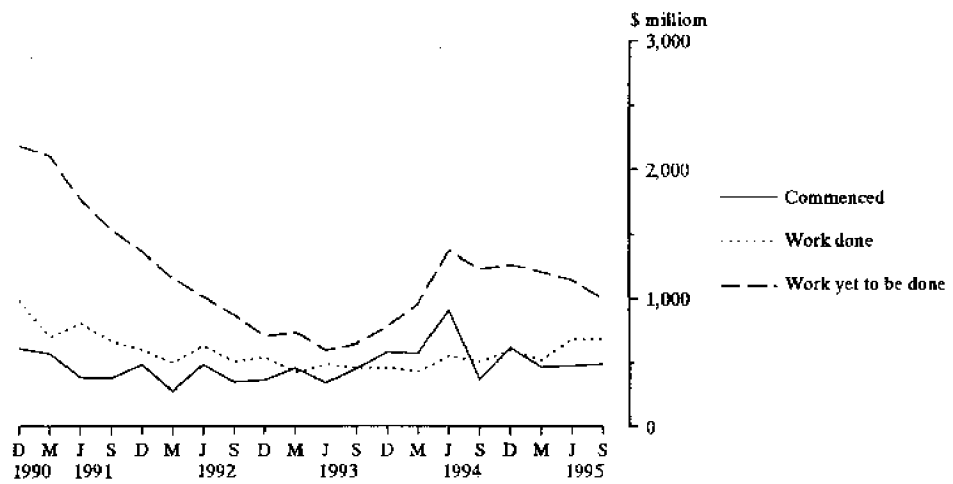
Original data

- The total value of all building work done increased 2.1% during the quarter to \$1,551.3 million.
- The total value of all building work commenced during the quarter was down 5.1% to \$1,286.7 million. A large drop in commencements of other residential buildings was responsible for the value of total new residential buildings falling 10.1% to \$629.6 million. Non-residential buildings commenced rose 2.8% to \$492.0 million.
- The total number of dwelling units commenced fell 320 to 6,481. A fall of 588 private sector dwelling units was partially offset by an increase of 268 in the number of government sector dwelling units commenced.
- Work yet to be done on jobs under construction at the end of the quarter was down 9.9% to \$1,771.1 million or 1.14 times the work done for the September quarter 1995.

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



VALUE OF NON-RESIDENTIAL BUILDING



VALUE OF NON-RESIDENTIAL WORK DONE

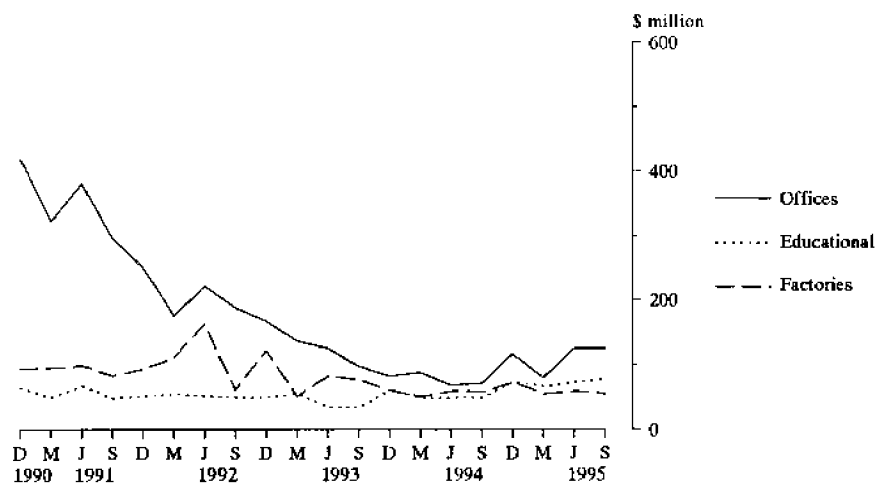


TABLE I. SUMMARY OF BUILDING ACTIVITY, VICTORIA

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)	Alterations and additions to residential buildings	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Recreational		Miscellaneous	Total
COMMENCED																			
1992-93	25,717	2,255.6	2,438	172.6	28,155	2,428.2	561.5	36.0	189.4	186.9	243.4	152.3	178.5	14.1	273.4	107.3	137.0	1,518.3	4,508.1
1993-94	27,904	2,568.0	3,562	308.4	31,466	2,876.5	700.0	192.4	456.6	227.1	273.6	393.3	211.2	16.3	240.0	380.5	138.2	2,529.3	6,105.7
1994-95 r	25,846	2,481.4	3,612	426.3	29,458	2,907.7	678.6	59.4	323.4	211.4	384.2	199.6	293.3	16.0	140.8	249.2	59.6	1,936.9	5,523.2
1994 June qtr	7,009	666.5	882	76.9	7,891	743.4	216.0	165.3	95.3	82.5	45.8	130.8	45.5	2.7	32.6	261.6	51.3	913.5	1,872.9
Sept. qtr	7,098	671.6	707	60.5	7,805	732.2	164.0	6.5	52.2	56.1	75.4	47.2	47.1	3.0	41.2	30.0	10.1	368.8	1,265.0
Dec. qtr	7,521	716.5	909	91.6	8,430	808.1	181.9	10.6	96.4	67.5	79.7	48.5	102.3	7.1	37.4	149.1	21.5	630.0	1,610.1
1995 Mar. qtr	5,494	522.9	929	143.8	6,423	666.7	156.8	22.1	111.3	36.9	118.6	64.4	49.3	3.6	30.4	25.4	7.5	469.4	1,292.9
June qtr r	5,734	570.4	1,067	130.3	6,801	700.7	175.9	20.2	63.6	50.8	110.5	39.6	94.6	2.5	31.7	44.7	20.6	478.7	1,353.3
Sept. qtr	5,808	576.9	673	52.7	6,481	629.6	165.2	7.1	73.5	54.4	91.5	42.4	54.7	1.6	19.2	116.3	31.2	492.0	1,286.7
UNDER CONSTRUCTION AT END OF PERIOD																			
1992-93	11,772	1,144.6	2,022	150.1	13,794	1,294.7	243.2	30.6	79.1	347.7	877.9	117.9	132.1	17.2	412.6	72.2	107.8	2,195.1	3,733.0
1993-94	12,362	1,247.9	2,355	226.9	14,717	1,474.8	360.6	178.3	415.7	165.1	140.7	298.8	144.4	14.1	539.9	319.9	139.8	2,356.7	4,192.0
1994-95 r	10,668	1,129.2	2,765	321.6	13,433	1,450.8	354.3	189.6	480.6	142.9	241.9	310.4	217.3	18.0	251.0	516.4	58.2	2,426.3	4,231.4
1994 June qtr	12,362	1,247.9	2,355	226.9	14,717	1,474.8	360.6	178.3	415.7	165.1	140.7	298.8	144.4	14.1	539.9	319.9	139.8	2,356.7	4,192.0
Sept. qtr	12,477	1,276.2	2,351	226.8	14,828	1,503.0	378.4	180.3	403.2	177.8	171.0	312.3	147.4	13.8	374.8	314.2	110.9	2,205.6	4,087.1
Dec. qtr	11,931	1,249.3	2,259	221.9	14,190	1,471.3	346.4	179.5	401.9	173.3	160.4	307.4	183.4	17.4	296.7	443.2	109.2	2,272.2	4,089.8
1995 Mar. qtr	11,080	1,147.8	2,606	318.2	13,686	1,466.0	352.4	193.5	472.8	153.7	221.8	312.2	171.9	17.4	268.2	444.3	54.0	2,309.9	4,128.3
June qtr r	10,668	1,129.2	2,765	321.6	13,433	1,450.8	354.3	189.6	480.6	142.9	241.9	310.4	217.3	18.0	251.0	516.4	58.2	2,426.3	4,231.4
Sept. qtr	10,390	1,133.3	2,787	326.7	13,177	1,460.1	352.8	202.4	248.9	151.5	242.6	312.0	248.5	15.5	159.9	603.8	72.1	2,257.0	4,070.0
COMPLETED																			
1992-93	25,089	2,233.4	2,566	179.1	27,655	2,412.5	583.5	42.0	289.7	380.5	1,395.5	169.6	222.2	19.3	107.4	91.0	85.3	2,802.4	5,798.5
1993-94	27,118	2,475.3	3,209	249.9	30,327	2,725.1	601.3	35.2	182.5	424.0	1,056.7	222.3	201.0	19.8	113.3	140.4	100.1	2,495.2	5,621.7
1994-95 r	27,380	2,610.6	2,892	271.9	30,272	2,882.5	709.8	30.3	313.6	253.1	290.7	213.9	228.8	12.1	387.3	124.4	140.9	1,995.0	5,587.3
1994 June qtr	6,925	615.6	750	67.8	7,675	683.5	151.6	7.0	45.2	39.6	218.4	44.0	37.7	2.7	23.2	61.9	19.2	499.1	1,334.1
Sept. qtr	6,984	652.0	702	63.1	7,686	715.1	152.0	4.9	69.2	56.6	46.3	40.0	45.0	3.3	177.7	37.2	38.5	518.7	1,385.8
Dec. qtr	8,006	752.3	995	100.7	9,001	853.1	223.6	11.9	94.9	73.2	91.1	55.7	70.1	3.8	112.6	30.7	22.3	566.4	1,643.0
1995 Mar. qtr	6,311	626.7	580	51.5	6,891	678.2	155.0	8.3	32.5	58.6	62.2	64.0	60.2	3.0	48.8	25.7	63.3	426.5	1,259.7
June qtr r	6,079	579.5	615	56.6	6,694	636.1	179.2	5.3	116.9	64.7	91.2	54.2	53.6	2.0	48.1	30.7	16.8	483.5	1,298.7
Sept. qtr	6,055	580.8	616	53.3	6,671	634.1	168.3	7.3	320.9	45.4	94.6	58.3	25.6	3.8	113.5	28.1	17.5	714.9	1,517.3

TABLE 1. SUMMARY OF BUILDING ACTIVITY, VICTORIA—continued

Period	New residential building			Non-residential building										Total building						
	Houses			Other residential buildings			Total			Alterations and additions to residential buildings			Other business premises				Entertainment and recreational		Total	
	Number of dwelling units	Value (\$m)	Value (\$m)	Number of dwelling units	Value (\$m)	Value (\$m)	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Recreational		Health	Miscellaneous	Health	Recreational		
VALUE OF WORK DONE DURING PERIOD																				
1992-93	..	2,286.7	196.3	..	2,483.0	579.5	33.6	317.3	617.3	196.5	192.4	20.3	178.1	92.4	115.4	1,970.7	5,033.2			
1993-94	..	2,520.8	278.4	..	2,799.2	651.0	38.7	330.7	247.4	198.4	193.4	16.5	272.1	157.6	111.7	1,902.2	5,352.3			
1994-95 r	..	2,573.9	300.0	..	2,874.0	707.5	51.8	464.0	245.4	354.9	263.2	16.3	209.5	219.7	104.2	2,322.0	5,903.5			
1994 June qtr	..	652.8	77.6	..	730.4	182.8	9.9	136.9	59.1	62.4	49.8	3.4	69.7	60.3	42.8	552.7	1,466.0			
Sept. qtr	..	672.8	84.5	..	757.3	180.1	14.5	109.2	58.3	63.6	49.3	3.4	60.1	49.0	31.9	510.9	1,448.3			
Dec. qtr	..	721.2	79.5	..	800.7	202.2	7.3	106.7	71.9	90.7	73.2	3.6	55.7	48.2	31.7	605.6	1,608.5			
1995 Mar. qtr	..	583.4	58.9	..	642.3	163.2	13.4	94.8	55.9	95.1	66.9	5.1	46.6	47.2	17.9	522.2	1,327.7			
June qtr r	..	596.5	77.1	..	673.6	162.1	16.6	153.4	59.3	105.6	73.8	4.2	47.0	75.3	22.7	683.4	1,519.1			
Sept. qtr	..	604.1	87.7	..	691.8	172.5	22.2	136.2	55.8	81.0	78.7	2.5	39.0	123.5	22.8	687.0	1,551.3			
VALUE OF WORK YET TO BE DONE																				
1992-93	..	482.8	67.3	..	550.1	84.1	20.0	37.3	78.1	38.3	45.2	6.9	199.6	37.8	43.6	600.4	1,234.6			
1993-94	..	547.1	116.2	..	663.4	152.5	164.8	226.4	75.3	243.2	66.2	7.2	168.8	238.7	65.1	1,373.1	2,189.0			
1994-95 r	..	482.0	186.8	..	668.8	150.0	154.6	142.6	61.7	113.9	122.5	7.5	62.1	371.2	20.4	1,145.9	1,964.7			
1994 June qtr	..	547.1	116.2	..	663.4	152.5	164.8	226.4	75.3	243.2	66.2	7.2	168.8	268.7	65.1	1,373.1	2,189.0			
Sept. qtr	..	556.3	95.0	..	651.3	142.4	157.2	174.9	86.6	233.2	65.6	6.8	122.8	251.1	42.8	1,235.3	2,028.9			
Dec. qtr	..	567.1	111.8	..	678.9	133.0	160.9	162.6	83.5	193.3	98.4	10.5	101.9	362.8	31.6	1,263.7	2,075.5			
1995 Mar. qtr	..	513.5	203.0	..	716.5	130.9	169.8	171.1	66.8	167.1	81.0	9.0	77.7	343.5	21.8	1,210.3	2,057.7			
June qtr r	..	482.0	186.8	..	668.8	150.0	154.6	142.6	61.7	113.9	122.5	7.5	62.1	371.2	20.4	1,145.9	1,964.7			
Sept. qtr	..	464.0	158.5	..	622.6	144.8	152.5	95.6	58.4	92.9	100.6	6.2	45.5	363.6	29.0	1,003.7	1,771.1			

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 53 such dwelling units commenced in the September quarter 1995.

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, VICTORIA

Period	New residential building						Non-residential building										Total building		
	Houses			Other residential buildings			Value (\$m)												
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous				
COMMENCED																			
1992-93	24,653	2,188.7	2,155	154.2	26,788	2,342.9	561.1	33.8	178.5	182.6	193.4	136.6	61.0	14.1	98.0	42.6	105.2	1,045.8	3,949.8
1993-94	26,970	2,509.3	3,130	275.2	30,100	2,784.5	695.9	185.3	453.0	182.0	213.9	262.2	98.5	16.3	128.0	305.4	52.9	1,897.3	5,377.7
1994-95 r	25,338	2,445.1	3,077	389.5	28,415	2,834.6	675.6	58.9	315.7	200.5	256.7	148.8	88.6	16.0	66.2	87.6	40.7	1,279.7	4,790.0
1994 June-qt r	6,899	659.7	677	62.2	7,576	721.9	212.5	165.3	94.9	46.5	34.8	136.5	13.7	2.7	8.7	245.2	21.1	759.4	1,693.8
1994 Sept. qt r	6,959	661.1	611	55.3	7,570	716.4	163.8	6.4	48.9	47.1	39.2	43.6	19.5	3.0	32.4	12.2	6.4	258.6	1,138.9
1994 Dec. qt r	7,393	708.4	818	86.5	8,211	794.8	181.2	10.6	93.2	66.3	71.4	42.9	20.5	7.1	14.0	32.3	14.4	372.7	1,348.7
1995 Mar. qt r	5,360	513.8	722	128.3	6,082	642.0	156.6	21.8	110.8	36.8	63.9	32.4	15.9	3.6	9.0	19.7	6.1	320.0	1,118.6
1995 June qt r	5,627	561.8	926	119.5	6,553	681.4	174.1	20.1	62.9	50.3	82.2	29.9	32.7	2.5	10.8	23.4	13.7	328.4	1,183.9
1995 Sept. qt r	5,625	562.5	340	30.4	5,965	592.9	155.7	6.6	71.3	52.7	59.6	38.2	21.1	1.6	13.1	93.3	9.1	366.5	1,115.1
UNDER CONSTRUCTION AT END OF PERIOD																			
1992-93	11,048	1,102.2	1,501	109.2	12,549	1,211.5	243.2	21.1	77.3	327.6	811.5	63.9	29.6	17.2	76.1	27.5	92.4	1,544.2	2,998.8
1993-94	11,893	1,220.8	1,898	187.0	13,791	1,407.8	357.1	171.8	414.6	124.0	118.0	176.3	45.9	14.1	133.8	257.8	58.6	1,514.8	3,279.7
1994-95 r	10,381	1,109.3	2,261	282.9	12,642	1,392.2	349.7	189.1	476.8	91.6	182.8	160.7	52.0	18.0	108.6	358.6	26.0	1,664.1	3,406.1
1994 June qt r	11,893	1,220.8	1,898	187.0	13,791	1,407.8	357.1	171.8	414.6	124.0	118.0	176.3	45.9	14.1	133.8	257.8	58.6	1,514.8	3,279.7
1994 Sept. qt r	12,124	1,252.6	1,833	188.2	13,957	1,440.8	375.0	173.7	400.2	119.1	121.6	186.7	53.6	13.8	142.7	262.1	33.1	1,506.5	3,322.3
1994 Dec. qt r	11,630	1,229.9	1,786	189.8	13,416	1,419.6	342.6	178.9	396.5	112.4	149.6	179.2	37.1	17.4	115.9	282.6	33.4	1,503.0	3,285.3
1995 Mar. qt r	10,778	1,128.8	1,994	274.1	12,772	1,402.9	348.7	193.0	469.5	94.0	162.9	161.1	32.8	17.4	115.1	296.6	25.4	1,567.7	3,319.3
1995 June qt r	10,381	1,109.3	2,261	282.9	12,642	1,392.2	349.7	189.1	476.8	91.6	182.8	160.7	52.0	18.0	108.6	358.6	26.0	1,664.1	3,406.1
1995 Sept. qt r	10,054	1,107.7	2,121	278.8	12,175	1,386.4	345.0	201.8	246.4	99.1	158.1	161.9	59.0	15.5	104.0	433.2	24.1	1,503.0	3,234.4
COMPLETED																			
1992-93	24,481	2,193.5	1,898	136.5	26,379	2,330.0	582.9	38.5	279.3	245.0	299.7	147.9	65.1	19.3	61.2	56.9	41.3	1,254.1	4,167.0
1993-94	25,955	2,402.3	2,713	215.2	28,668	2,617.5	600.6	32.5	178.2	401.6	948.9	158.2	81.5	19.8	80.0	84.6	76.2	2,061.7	5,279.8
1994-95 r	26,693	2,566.3	2,412	234.9	29,105	2,801.2	707.8	23.7	308.4	237.1	202.1	184.2	86.7	12.1	87.7	40.9	72.7	1,255.7	4,764.7
1994 June qt r	6,615	596.1	714	65.5	7,329	661.6	151.5	6.3	44.9	39.1	182.7	40.7	16.3	2.7	10.3	49.5	14.5	407.1	1,220.2
1994 Sept. qt r	6,730	637.8	671	58.2	7,401	696.1	151.8	4.8	67.7	51.0	36.7	36.3	12.2	3.3	17.4	8.2	30.6	268.5	1,116.4
1994 Dec. qt r	7,828	740.0	863	88.7	8,691	828.6	223.1	5.8	94.1	73.1	45.3	52.2	40.5	3.8	40.9	11.9	14.4	381.9	1,433.7
1995 Mar. qt r	6,178	616.7	512	47.6	6,690	664.3	154.7	7.9	29.9	57.3	55.2	52.5	19.3	3.0	10.4	6.2	14.7	256.3	1,075.4
1995 June qt r	5,957	571.8	366	40.4	6,323	612.2	178.2	5.2	116.7	55.7	64.9	43.0	14.8	2.0	19.0	14.5	13.1	348.9	1,139.3
1995 Sept. qt r	5,921	571.9	445	40.0	6,366	611.9	162.1	6.9	317.3	44.7	83.7	54.9	14.3	3.8	18.7	17.6	10.3	572.1	1,346.2

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

Period	New residential building										Non-residential building																																																																																																																																																																																																																																																																																																																																																																																																																						
	Houses					Other residential buildings					Total					Alterations and additions to residential buildings etc.					Other business premises					Education					Health					Recreation					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																																																																																																																																																																																																																																																																																																																																																																																																																																	
1992-93	..	2,234.3	..	153.5	..	2,387.9	..	579.1	29.3	196.2	265.6	541.2	149.4	65.9	20.3	90.1	47.7	74.8	1,478.5	4,445.5	1993-94	..	2,450.7	..	249.6	..	2,700.3	..	649.6	33.1	326.7	228.4	263.0	166.6	88.2	16.5	102.8	83.7	57.2	1,366.2	4,716.1	1994-95 r	..	2,535.3	..	258.1	..	2,793.4	..	702.4	48.9	457.0	205.8	291.2	262.6	85.8	16.3	97.4	84.2	52.2	1,601.4	5,097.3	1994 June-qr	..	638.1	..	70.8	..	708.9	..	182.1	8.4	126.0	50.1	52.5	52.5	20.3	3.4	29.0	37.0	16.7	395.9	1,286.8	1994 Sept-qr	..	680.0	..	75.4	..	735.4	..	178.8	13.5	107.5	52.7	51.8	56.5	23.2	3.4	21.4	22.6	14.6	367.2	1,281.4	1994 Dec-qr	..	712.3	..	68.7	..	781.0	..	201.2	5.9	104.0	56.5	88.3	74.3	23.8	3.6	25.8	16.7	15.9	414.9	1,397.0	1995 Mar-qr	..	576.1	..	50.2	..	626.3	..	162.1	13.0	93.2	47.1	67.2	57.5	20.0	5.1	24.1	13.8	10.4	351.3	1,139.7	1995 June-qr	..	586.9	..	63.9	..	650.8	..	160.2	16.5	152.3	49.5	84.0	74.4	18.9	4.2	26.0	31.0	11.4	468.1	1,279.1	1995 Sept-qr	..	591.0	..	72.5	..	663.5	..	165.7	21.6	134.2	49.4	88.3	58.7	24.3	2.5	24.9	74.7	11.9	490.7	1,319.9	VALUE OF WORK YET TO BE DONE																																								1992-93	..	461.0	..	49.4	..	510.5	..	84.1	12.4	36.4	76.2	77.0	30.9	9.8	6.9	33.6	11.7	38.5	333.3	927.9	1993-94	..	537.2	..	93.4	..	630.7	..	149.8	162.6	226.0	46.3	79.4	135.1	20.4	7.2	68.5	243.0	23.6	1,012.0	1,792.4	1994-95 r	..	473.5	..	170.0	..	643.5	..	149.3	154.5	141.4	46.1	56.8	41.3	28.2	7.5	35.6	301.5	11.9	824.8	1,617.6	1994 June-qr	..	537.2	..	93.4	..	630.7	..	149.8	162.6	226.0	46.3	79.4	135.1	20.4	7.2	68.5	243.0	23.6	1,012.0	1,792.4	1994 Sept-qr	..	548.5	..	77.6	..	626.1	..	140.6	155.8	172.7	40.2	69.4	125.5	17.7	6.8	74.9	232.8	14.3	910.1	1,676.8	1994 Dec-qr	..	559.8	..	99.6	..	659.4	..	131.4	160.8	159.9	50.2	54.5	96.0	17.9	10.5	63.2	248.4	13.1	874.5	1,665.4	1995 Mar-qr	..	504.0	..	183.7	..	687.7	..	130.2	169.7	169.6	42.0	55.8	72.9	13.0	9.0	48.7	255.8	9.4	845.9	1,663.8	1995 June-qr	..	473.5	..	170.0	..	643.5	..	149.3	154.5	141.4	46.1	56.8	41.3	28.2	7.5	35.6	301.5	11.9	824.8	1,617.6	1995 Sept-qr	..	454.0	..	134.3	..	588.3	..	141.4	152.5	94.0	47.5	27.5	38.6	25.1	6.2	24.9	319.4	8.5	744.3	1,473.9
1994 June-qr	..	638.1	..	70.8	..	708.9	..	182.1	8.4	126.0	50.1	52.5	52.5	20.3	3.4	29.0	37.0	16.7	395.9	1,286.8	1994 Sept-qr	..	680.0	..	75.4	..	735.4	..	178.8	13.5	107.5	52.7	51.8	56.5	23.2	3.4	21.4	22.6	14.6	367.2	1,281.4	1994 Dec-qr	..	712.3	..	68.7	..	781.0	..	201.2	5.9	104.0	56.5	88.3	74.3	23.8	3.6	25.8	16.7	15.9	414.9	1,397.0	1995 Mar-qr	..	576.1	..	50.2	..	626.3	..	162.1	13.0	93.2	47.1	67.2	57.5	20.0	5.1	24.1	13.8	10.4	351.3	1,139.7	1995 June-qr	..	586.9	..	63.9	..	650.8	..	160.2	16.5	152.3	49.5	84.0	74.4	18.9	4.2	26.0	31.0	11.4	468.1	1,279.1	1995 Sept-qr	..	591.0	..	72.5	..	663.5	..	165.7	21.6	134.2	49.4	88.3	58.7	24.3	2.5	24.9	74.7	11.9	490.7	1,319.9	VALUE OF WORK YET TO BE DONE																																								1992-93	..	461.0	..	49.4	..	510.5	..	84.1	12.4	36.4	76.2	77.0	30.9	9.8	6.9	33.6	11.7	38.5	333.3	927.9	1993-94	..	537.2	..	93.4	..	630.7	..	149.8	162.6	226.0	46.3	79.4	135.1	20.4	7.2	68.5	243.0	23.6	1,012.0	1,792.4	1994-95 r	..	473.5	..	170.0	..	643.5	..	149.3	154.5	141.4	46.1	56.8	41.3	28.2	7.5	35.6	301.5	11.9	824.8	1,617.6	1994 June-qr	..	537.2	..	93.4	..	630.7	..	149.8	162.6	226.0	46.3	79.4	135.1	20.4	7.2	68.5	243.0	23.6	1,012.0	1,792.4	1994 Sept-qr	..	548.5	..	77.6	..	626.1	..	140.6	155.8	172.7	40.2	69.4	125.5	17.7	6.8	74.9	232.8	14.3	910.1	1,676.8	1994 Dec-qr	..	559.8	..	99.6	..	659.4	..	131.4	160.8	159.9	50.2	54.5	96.0	17.9	10.5	63.2	248.4	13.1	874.5	1,665.4	1995 Mar-qr	..	504.0	..	183.7	..	687.7	..	130.2	169.7	169.6	42.0	55.8	72.9	13.0	9.0	48.7	255.8	9.4	845.9	1,663.8	1995 June-qr	..	473.5	..	170.0	..	643.5	..	149.3	154.5	141.4	46.1	56.8	41.3	28.2	7.5	35.6	301.5	11.9	824.8	1,617.6	1995 Sept-qr	..	454.0	..	134.3	..	588.3	..	141.4	152.5	94.0	47.5	27.5	38.6	25.1	6.2	24.9	319.4	8.5	744.3	1,473.9																																																															
1995 Mar-qr	..	576.1	..	50.2	..	626.3	..	162.1	13.0	93.2	47.1	67.2	57.5	20.0	5.1	24.1	13.8	10.4	351.3	1,139.7	1995 June-qr	..	586.9	..	63.9	..	650.8	..	160.2	16.5	152.3	49.5	84.0	74.4	18.9	4.2	26.0	31.0	11.4	468.1	1,279.1	1995 Sept-qr	..	591.0	..	72.5	..	663.5	..	165.7	21.6	134.2	49.4	88.3	58.7	24.3	2.5	24.9	74.7	11.9	490.7	1,319.9	VALUE OF WORK YET TO BE DONE																																								1992-93	..	461.0	..	49.4	..	510.5	..	84.1	12.4	36.4	76.2	77.0	30.9	9.8	6.9	33.6	11.7	38.5	333.3	927.9	1993-94	..	537.2	..	93.4	..	630.7	..	149.8	162.6	226.0	46.3	79.4	135.1	20.4	7.2	68.5	243.0	23.6	1,012.0	1,792.4	1994-95 r	..	473.5	..	170.0	..	643.5	..	149.3	154.5	141.4	46.1	56.8	41.3	28.2	7.5	35.6	301.5	11.9	824.8	1,617.6	1994 June-qr	..	537.2	..	93.4	..	630.7	..	149.8	162.6	226.0	46.3	79.4	135.1	20.4	7.2	68.5	243.0	23.6	1,012.0	1,792.4	1994 Sept-qr	..	548.5	..	77.6	..	626.1	..	140.6	155.8	172.7	40.2	69.4	125.5	17.7	6.8	74.9	232.8	14.3	910.1	1,676.8	1994 Dec-qr	..	559.8	..	99.6	..	659.4	..	131.4	160.8	159.9	50.2	54.5	96.0	17.9	10.5	63.2	248.4	13.1	874.5	1,665.4	1995 Mar-qr	..	504.0	..	183.7	..	687.7	..	130.2	169.7	169.6	42.0	55.8	72.9	13.0	9.0	48.7	255.8	9.4	845.9	1,663.8	1995 June-qr	..	473.5	..	170.0	..	643.5	..	149.3	154.5	141.4	46.1	56.8	41.3	28.2	7.5	35.6	301.5	11.9	824.8	1,617.6	1995 Sept-qr	..	454.0	..	134.3	..	588.3	..	141.4	152.5	94.0	47.5	27.5	38.6	25.1	6.2	24.9	319.4	8.5	744.3	1,473.9																																																																																																																														
VALUE OF WORK YET TO BE DONE																																																																																																																																																																																																																																																																																																																																																																																																																																	
1992-93	..	461.0	..	49.4	..	510.5	..	84.1	12.4	36.4	76.2	77.0	30.9	9.8	6.9	33.6	11.7	38.5	333.3	927.9	1993-94	..	537.2	..	93.4	..	630.7	..	149.8	162.6	226.0	46.3	79.4	135.1	20.4	7.2	68.5	243.0	23.6	1,012.0	1,792.4	1994-95 r	..	473.5	..	170.0	..	643.5	..	149.3	154.5	141.4	46.1	56.8	41.3	28.2	7.5	35.6	301.5	11.9	824.8	1,617.6	1994 June-qr	..	537.2	..	93.4	..	630.7	..	149.8	162.6	226.0	46.3	79.4	135.1	20.4	7.2	68.5	243.0	23.6	1,012.0	1,792.4	1994 Sept-qr	..	548.5	..	77.6	..	626.1	..	140.6	155.8	172.7	40.2	69.4	125.5	17.7	6.8	74.9	232.8	14.3	910.1	1,676.8	1994 Dec-qr	..	559.8	..	99.6	..	659.4	..	131.4	160.8	159.9	50.2	54.5	96.0	17.9	10.5	63.2	248.4	13.1	874.5	1,665.4	1995 Mar-qr	..	504.0	..	183.7	..	687.7	..	130.2	169.7	169.6	42.0	55.8	72.9	13.0	9.0	48.7	255.8	9.4	845.9	1,663.8	1995 June-qr	..	473.5	..	170.0	..	643.5	..	149.3	154.5	141.4	46.1	56.8	41.3	28.2	7.5	35.6	301.5	11.9	824.8	1,617.6	1995 Sept-qr	..	454.0	..	134.3	..	588.3	..	141.4	152.5	94.0	47.5	27.5	38.6	25.1	6.2	24.9	319.4	8.5	744.3	1,473.9																																																																																																																																																																																																																																					
1994 June-qr	..	537.2	..	93.4	..	630.7	..	149.8	162.6	226.0	46.3	79.4	135.1	20.4	7.2	68.5	243.0	23.6	1,012.0	1,792.4	1994 Sept-qr	..	548.5	..	77.6	..	626.1	..	140.6	155.8	172.7	40.2	69.4	125.5	17.7	6.8	74.9	232.8	14.3	910.1	1,676.8	1994 Dec-qr	..	559.8	..	99.6	..	659.4	..	131.4	160.8	159.9	50.2	54.5	96.0	17.9	10.5	63.2	248.4	13.1	874.5	1,665.4	1995 Mar-qr	..	504.0	..	183.7	..	687.7	..	130.2	169.7	169.6	42.0	55.8	72.9	13.0	9.0	48.7	255.8	9.4	845.9	1,663.8	1995 June-qr	..	473.5	..	170.0	..	643.5	..	149.3	154.5	141.4	46.1	56.8	41.3	28.2	7.5	35.6	301.5	11.9	824.8	1,617.6	1995 Sept-qr	..	454.0	..	134.3	..	588.3	..	141.4	152.5	94.0	47.5	27.5	38.6	25.1	6.2	24.9	319.4	8.5	744.3	1,473.9																																																																																																																																																																																																																																																																																																				
1995 Mar-qr	..	504.0	..	183.7	..	687.7	..	130.2	169.7	169.6	42.0	55.8	72.9	13.0	9.0	48.7	255.8	9.4	845.9	1,663.8	1995 June-qr	..	473.5	..	170.0	..	643.5	..	149.3	154.5	141.4	46.1	56.8	41.3	28.2	7.5	35.6	301.5	11.9	824.8	1,617.6	1995 Sept-qr	..	454.0	..	134.3	..	588.3	..	141.4	152.5	94.0	47.5	27.5	38.6	25.1	6.2	24.9	319.4	8.5	744.3	1,473.9																																																																																																																																																																																																																																																																																																																																																																			

TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, VICTORIA

Period	New residential building										Non-residential building														
	Houses					Other residential buildings					Total					Other residential building					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)	Alterations and additions to residential buildings	Hotels etc.	Shops	Factories	Offices	Business premises	Educational	Religious	Health	Recreational	Miscellaneous	Total					
COMMENCED																									
1992-93	1,084	66.9	283	18.4	1,367	85.3	0.4	2.2	10.9	4.3	50.0	15.7	117.5	—	—	175.4	64.7	31.8	472.5	558.3					
1993-94	934	58.8	432	33.2	1,366	91.9	4.1	7.1	3.6	45.1	59.6	131.2	112.8	—	—	112.1	75.2	85.3	632.0	728.1					
1994-95 r	508	36.3	535	36.7	1,043	73.0	3.0	0.5	7.7	10.9	127.5	50.8	204.7	—	—	74.6	161.6	19.0	657.2	733.2					
1994 June qtr	110	6.8	205	14.7	315	21.6	3.5	0.1	0.4	36.0	11.0	4.3	31.8	—	—	23.9	16.4	30.2	154.1	179.1					
Sept. qtr	139	10.5	96	5.3	235	15.8	0.2	0.1	3.3	9.0	36.2	3.6	27.6	—	—	8.9	17.8	3.6	110.2	126.2					
Dec. qtr	128	8.1	91	5.2	219	13.3	0.7	—	3.2	1.2	8.4	5.5	81.9	—	—	23.4	116.7	7.1	247.4	261.4					
1995 Mar. qtr	134	9.1	207	15.6	341	24.7	0.2	0.3	0.5	0.1	54.7	32.0	33.4	—	—	21.4	5.7	1.4	149.4	174.3					
June qtr r	107	8.6	141	10.7	248	19.3	1.8	0.1	0.7	0.5	28.3	9.6	61.9	—	—	20.9	21.3	6.9	150.2	171.4					
Sept. qtr	183	14.4	333	22.3	516	36.8	9.4	0.5	2.3	1.7	31.9	4.1	33.6	—	—	6.1	23.1	22.2	125.5	171.7					
UNDER CONSTRUCTION AT END OF PERIOD																									
1992-93	724	42.4	521	40.9	1,245	83.2	—	9.5	1.8	20.2	66.3	54.0	102.4	—	—	336.5	44.7	15.4	650.9	734.1					
1993-94	469	27.0	457	40.0	926	67.0	3.5	6.5	1.1	41.1	23.8	122.5	98.5	—	—	406.1	62.0	81.2	841.8	912.3					
1994-95 r	287	19.9	504	38.7	791	58.6	4.6	0.5	3.8	51.4	59.1	149.6	165.3	—	—	142.4	157.8	32.2	762.1	825.3					
1994 June qtr	469	27.0	457	40.0	926	67.0	3.5	6.5	1.1	41.1	22.8	122.5	98.5	—	—	406.1	62.0	81.2	841.8	912.3					
Sept. qtr	353	23.5	518	38.7	871	62.2	3.5	6.6	3.0	58.7	49.4	125.6	93.8	—	—	232.1	52.1	77.8	699.1	764.8					
Dec. qtr	301	19.5	473	32.2	774	51.7	3.7	0.6	5.4	60.8	10.8	128.1	146.3	—	—	180.8	160.6	75.7	769.2	824.5					
1995 Mar. qtr	302	19.0	612	44.1	914	63.1	3.7	0.5	3.2	59.8	58.9	151.2	139.0	—	—	153.1	147.8	28.6	742.1	809.0					
June qtr r	287	19.9	504	38.7	791	58.6	4.6	0.5	3.8	51.4	59.1	149.6	165.3	—	—	142.4	157.8	32.2	762.1	825.3					
Sept. qtr	336	25.7	666	48.0	1,002	73.6	7.9	0.6	2.5	52.3	84.5	150.1	189.5	—	—	55.8	170.6	48.0	754.1	835.6					
COMPLETED																									
1992-93	618	39.9	668	42.6	1,286	82.5	0.7	3.5	10.4	135.5	1,095.8	21.7	157.1	—	—	46.2	34.0	44.1	1,548.4	1,631.5					
1993-94	1,163	72.9	496	34.7	1,659	107.6	0.7	2.7	4.2	22.4	107.8	64.0	119.5	—	—	33.3	55.8	23.9	433.6	541.8					
1994-95 r	687	44.3	480	37.0	1,167	81.3	1.9	6.7	5.2	16.0	88.6	29.6	142.2	—	—	299.5	83.5	68.1	739.4	822.6					
1994 June qtr	310	19.5	36	2.4	346	21.9	0.1	0.6	0.3	0.5	35.8	3.3	21.4	—	—	12.9	12.4	4.8	92.0	113.9					
Sept. qtr	254	14.2	31	4.9	285	19.1	0.2	0.1	1.5	5.6	9.6	3.4	32.9	—	—	160.3	28.9	7.9	250.2	269.4					
Dec. qtr	178	12.3	132	12.1	310	24.4	0.5	6.1	0.9	0.1	45.8	3.5	29.6	—	—	71.7	18.8	7.9	184.4	209.4					
1995 Mar. qtr	133	10.0	68	3.9	201	13.9	0.2	0.4	2.6	1.3	7.0	11.5	40.9	—	—	38.3	19.5	48.6	170.2	184.3					
June qtr r	122	7.7	249	16.1	371	23.9	1.0	0.1	0.2	9.0	26.2	11.2	38.8	—	—	29.1	16.2	3.8	134.6	159.5					
Sept. qtr	134	8.8	171	13.4	305	22.2	6.2	0.4	3.6	0.7	10.9	3.4	11.3	—	—	94.8	10.5	7.2	142.7	171.2					

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

Period	New residential building										Non-residential building														
	Houses					Other residential buildings					Total					Alterations to and additions to residential buildings					Other non-residential 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)	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Recreational	Miscellaneous	Total	Total building					
VALUE OF WORK DONE DURING PERIOD																									
1992-93	..	52.4	..	42.8	..	95.2	..	0.4	4.3	11.1	51.7	76.1	47.0	128.6	—	88.0	44.7	40.6	492.2	587.7					
1993-94	..	70.1	..	28.8	..	98.9	..	1.4	5.6	4.1	19.0	72.8	31.7	105.2	—	169.2	73.9	54.5	536.0	636.3					
1994-95 r	..	38.6	..	41.9	..	80.6	..	5.1	2.9	7.0	39.6	101.8	92.4	177.4	—	112.1	135.5	52.0	720.6	806.3					
1994 June qtr	..	14.8	..	6.8	..	21.6	..	0.7	1.5	0.8	9.0	16.1	9.9	29.5	—	40.7	23.2	26.0	156.9	179.2					
Sept. qtr	..	12.7	..	9.2	..	21.9	..	1.2	1.0	1.6	5.7	19.7	7.1	26.1	—	38.7	26.4	17.3	143.7	166.9					
Dec. qtr	..	8.9	..	10.8	..	19.7	..	1.0	1.4	2.7	15.4	28.3	16.4	49.5	—	29.9	31.4	15.8	190.8	211.5					
1995 Mar. qtr	..	7.3	..	8.7	..	16.1	..	1.1	0.3	1.6	8.8	12.2	37.6	46.9	—	22.5	33.4	7.5	170.8	188.0					
June qtr r	..	9.6	..	13.2	..	22.8	..	1.9	0.1	1.1	9.8	41.6	31.2	54.9	—	21.0	44.3	11.3	215.3	240.0					
Sept. qtr	..	13.1	..	15.2	..	28.3	..	6.8	0.6	2.0	6.3	37.0	22.2	54.4	—	14.1	48.9	11.0	196.3	231.4					
VALUE OF WORK YET TO BE DONE																									
1992-93	..	21.8	..	17.9	..	39.6	..	—	7.6	0.9	1.9	16.5	7.4	35.4	—	166.0	26.1	5.2	267.0	306.7					
1993-94	..	9.9	..	22.8	..	32.7	..	2.8	2.2	0.4	28.9	8.1	108.2	45.8	—	100.4	25.7	41.4	361.1	396.6					
1994-95 r	..	8.5	..	16.8	..	25.3	..	0.7	0.1	1.3	15.6	32.5	72.6	94.4	—	26.5	69.7	8.5	321.1	347.1					
1994 June qtr	..	9.9	..	22.8	..	32.7	..	2.8	2.2	0.4	28.9	8.1	108.2	45.8	—	100.4	25.7	41.4	361.1	396.6					
Sept. qtr	..	7.9	..	17.4	..	25.2	..	1.7	1.4	2.1	46.5	24.9	107.7	47.9	—	47.9	18.3	28.5	325.2	352.1					
Dec. qtr	..	7.3	..	12.2	..	19.5	..	1.5	0.1	2.7	33.3	3.7	97.3	80.5	—	38.6	114.4	18.5	389.2	410.2					
1995 Mar. qtr	..	9.5	..	19.3	..	28.8	..	0.7	0.1	1.6	24.7	46.7	94.2	68.0	—	29.0	87.7	12.5	364.4	393.9					
June qtr r	..	8.5	..	16.8	..	25.3	..	0.7	0.1	1.3	15.6	32.5	72.6	94.4	—	26.5	69.7	8.5	321.1	347.1					
Sept. qtr	..	10.0	..	24.3	..	34.3	..	3.4	—	1.6	10.9	31.7	54.3	75.5	—	20.6	44.2	20.5	259.4	297.1					

TABLE 4. VALUE OF BUILDING ACTIVITY (a) BY CLASS OF BUILDING AND STAGE OF CONSTRUCTION, MELBOURNE STATISTICAL DIVISION, VICTORIA (\$m)

Period	Non-residential building										Total	
	New other residential buildings (b)	Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational		Miscellaneous
COMMENCED												
1992-93	143.9	25.4	162.8	93.0	217.4	125.3	148.1	10.1	247.8	75.9	104.9	1,210.6
1993-94	290.0	179.3	413.5	139.0	242.0	355.8	171.8	13.8	193.2	359.4	107.1	2,174.7
1994-95 r	405.8	30.4	278.9	170.6	338.2	161.7	221.7	11.3	90.4	221.2	46.3	1,570.8
1994 June qtr	72.7	163.1	82.2	37.1	38.8	124.5	37.1	1.8	25.4	260.1	33.6	803.6
Sept. qtr	54.2	3.4	35.4	42.2	64.6	35.8	36.2	2.2	39.8	24.3	8.4	292.2
Dec. qtr	86.1	1.2	84.8	62.4	74.3	37.3	62.0	5.2	16.0	143.3	14.9	501.5
1995 Mar. qtr	140.3	18.3	104.4	30.8	99.4	59.3	42.3	2.2	16.0	20.3	5.2	398.1
June qtr r	125.2	7.5	54.4	35.3	99.9	29.4	81.1	1.8	18.6	33.2	17.8	379.0
Sept. qtr	43.9	2.7	46.6	40.0	83.3	32.7	43.6	1.1	13.0	107.1	28.8	398.8
UNDER CONSTRUCTION AT END OF PERIOD												
1992-93	123.1	16.5	70.3	251.9	861.5	104.9	108.3	13.7	388.8	53.9	83.9	1,955.9
1993-94	210.2	173.3	400.8	94.3	127.0	286.0	123.7	12.6	499.5	306.9	117.3	2,141.2
1994-95 r	302.7	165.9	467.1	72.0	221.0	297.9	170.5	13.8	211.6	497.7	53.0	2,170.5
1994 June qtr	210.2	173.3	400.8	94.3	126.9	286.0	123.7	12.6	499.5	306.9	117.3	2,141.2
Sept. qtr	209.8	174.2	380.5	92.5	155.7	298.5	124.2	11.9	351.6	299.0	93.4	1,981.4
Dec. qtr	205.8	167.3	387.9	111.8	148.2	294.0	129.1	14.6	267.1	429.8	95.8	2,045.6
1995 Mar. qtr	300.7	180.7	457.2	92.1	198.5	304.6	124.8	13.8	237.7	429.7	47.7	2,086.9
June qtr r	302.7	165.9	467.1	72.0	221.0	297.9	170.5	13.8	211.6	497.7	53.0	2,170.5
Sept. qtr	307.3	174.9	219.7	77.5	220.9	295.0	197.9	12.1	121.4	584.4	68.8	1,972.6
COMPLETED												
1992-93	141.6	33.0	265.7	346.2	1,381.4	140.7	173.6	15.2	68.4	67.9	62.4	2,554.5
1993-94	219.7	21.4	146.2	297.4	1,021.5	183.8	159.3	15.3	82.9	113.3	69.6	2,110.8
1994-95 r	253.3	19.5	266.0	198.1	255.1	175.4	180.8	9.9	346.5	101.8	109.9	1,663.0
1994 June qtr	62.3	3.4	31.6	26.5	212.3	37.2	27.3	2.4	19.5	59.5	16.9	436.6
Sept. qtr	57.4	2.7	60.2	42.9	38.3	29.5	36.8	2.9	159.8	33.7	32.1	438.9
Dec. qtr	94.4	8.4	74.1	43.6	82.5	43.9	57.9	2.8	96.7	23.2	11.6	444.7
1995 Mar. qtr	49.2	4.9	26.3	53.0	54.2	53.0	46.9	2.3	46.2	21.8	54.2	362.8
June qtr r	52.4	3.4	105.5	58.5	80.2	48.9	39.2	1.9	43.8	23.2	11.9	416.6
Sept. qtr	49.6	5.9	310.0	33.3	85.6	53.3	18.0	2.5	106.5	22.0	13.2	650.1

TABLE 4. VALUE OF BUILDING ACTIVITY (a) BY CLASS OF BUILDING AND STAGE OF CONSTRUCTION, MELBOURNE STATISTICAL DIVISION, VICTORIA - continued
(\$m)

Period	Non-residential building										Total	
	New other residential buildings (b)	Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational		Miscellaneous
VALUE OF WORK DONE DURING PERIOD												
1992-93	161.8	23.0	182.0	235.7	592.8	166.8	147.3	16.2	141.1	63.3	84.5	1,652.7
1993-94	254.0	26.3	292.2	145.3	303.0	158.3	158.4	12.8	234.0	132.9	89.5	1,552.7
1994-95 r	279.2	32.8	418.3	175.6	353.0	319.9	204.2	12.0	171.8	196.9	79.8	1,964.4
1994 June qtr	72.3	7.1	116.1	35.9	59.7	53.0	41.0	2.6	54.7	56.0	35.7	461.8
Sept. qtr	78.8	12.1	93.3	39.4	62.1	55.2	38.9	2.8	49.3	44.4	24.0	421.5
Dec. qtr	75.0	4.2	89.3	53.0	108.6	76.8	55.4	2.6	49.4	43.5	22.3	505.1
1995 Mar. qtr	55.2	5.6	88.3	44.4	70.5	88.6	54.0	3.7	37.3	41.6	13.9	448.0
June qtr r	70.2	10.9	147.3	38.8	111.8	99.4	55.8	3.0	35.9	67.4	19.5	589.8
Sept. qtr	81.4	13.7	108.8	37.6	111.0	72.5	63.8	1.8	28.6	114.8	19.7	572.4
VALUE OF WORK YET TO BE DONE												
1992-93	53.0	6.6	75.1	29.9	113.2	22.7	59.0	5.7	177.5	37.2	28.9	555.9
1993-94	107.3	162.7	218.0	37.0	83.0	239.0	56.8	6.6	154.1	263.2	51.9	1,272.3
1994-95 r	177.8	142.0	133.9	37.3	79.6	106.6	97.9	6.3	44.3	360.1	18.1	1,026.1
1994 June qtr	107.3	162.7	218.0	37.0	82.9	239.0	56.8	6.6	154.1	263.2	51.9	1,272.3
Sept. qtr	85.6	154.3	165.5	38.7	88.3	225.8	55.9	6.0	118.2	244.5	36.2	1,133.4
Dec. qtr	101.5	151.5	158.5	48.8	54.6	188.5	63.4	9.0	81.3	355.1	27.7	1,138.4
1995 Mar. qtr	192.7	164.2	165.7	37.7	88.6	163.6	52.6	7.3	62.0	336.2	20.0	1,098.0
June qtr r	177.8	142.0	133.9	37.3	79.6	106.6	97.9	6.3	44.3	360.1	18.1	1,026.1
Sept. qtr	150.6	143.1	87.7	37.1	54.2	84.4	79.5	5.2	32.0	354.0	27.3	904.6

(a) Data relating to new houses and alterations and additions to houses are available at the State level only (see Explanatory notes, paragraph 4).

(b) Excludes houses but includes flats, home units, semi-detached houses, villa units, townhouses, etc. For definitions see Explanatory notes, paragraph 9.

TABLE 5. VALUE OF BUILDING ACTIVITY (a) BY CLASS OF BUILDING AND STAGE OF CONSTRUCTION, REMAINDER OF STATE, VICTORIA

(\$m)

Period	Non-residential building										Total	
	New other residential buildings (b)	Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertain-ment and recreational		Miscellaneous
COMMENCED												
1992-93	28.8	10.6	26.6	93.9	26.0	27.0	30.3	4.0	25.7	31.4	32.1	307.7
1993-94	18.4	13.1	43.1	88.1	31.6	37.6	39.5	2.5	46.8	21.2	31.1	354.6
1994-95 r	20.5	29.0	44.5	40.8	45.9	37.9	71.6	4.7	50.4	28.0	13.4	366.1
1994 June qtr	4.3	2.2	13.2	45.4	7.1	6.4	8.4	0.9	7.2	1.5	17.7	109.9
Sept. qtr	6.3	3.1	16.8	14.0	10.8	11.4	10.8	0.8	1.4	5.7	1.7	76.6
Dec. qtr	5.5	9.3	11.6	5.1	5.4	11.2	40.3	1.9	21.4	5.7	6.6	118.5
1995 Mar. qtr	3.5	3.9	6.8	6.1	19.2	5.1	7.0	1.4	14.4	5.1	2.3	71.3
June qtr r	5.1	12.7	9.2	15.6	10.5	10.2	13.5	0.6	13.2	11.5	2.8	99.7
Sept. qtr	8.8	4.4	26.9	14.4	8.3	9.7	11.1	0.5	6.2	9.3	2.5	93.2
UNDER CONSTRUCTION AT END OF PERIOD												
1992-93	27.0	14.1	8.7	95.9	16.3	13.0	23.7	3.5	23.8	18.3	23.9	241.2
1993-94	16.7	5.0	14.9	70.8	13.8	12.8	20.7	1.5	40.4	12.9	22.6	215.5
1994-95 r	18.9	23.7	13.4	70.9	20.9	12.5	46.8	4.2	39.4	18.7	5.2	255.8
1994 June qtr	16.7	5.0	14.9	70.8	13.8	12.8	20.7	1.5	40.4	12.9	22.6	215.5
Sept. qtr	17.1	6.1	22.7	85.4	15.3	13.8	23.2	1.9	23.2	15.2	17.5	224.2
Dec. qtr	16.1	12.2	14.0	61.4	12.2	13.4	54.2	2.7	29.6	13.4	13.4	226.6
1995 Mar. qtr	17.5	12.8	15.5	61.6	23.3	7.7	47.1	3.5	30.5	14.6	6.3	222.9
June qtr r	18.9	23.7	15.4	70.9	20.9	12.5	46.8	4.2	39.4	18.7	5.2	255.8
Sept. qtr	19.5	27.5	29.1	74.0	21.7	17.0	50.6	3.4	38.5	19.4	3.3	284.4
COMPLETED												
1992-93	37.5	9.1	24.1	34.2	14.1	28.9	48.6	4.1	38.9	23.0	22.9	247.9
1993-94	30.2	13.7	36.2	126.5	35.2	38.5	41.7	4.5	30.4	27.1	30.5	384.5
1994-95 r	18.6	10.9	47.5	55.0	35.6	38.5	48.1	2.2	40.8	22.5	31.0	332.0
1994 June qtr	5.6	3.5	13.6	13.2	6.1	6.9	10.4	0.3	3.7	2.5	2.3	62.5
Sept. qtr	5.8	2.2	9.1	13.6	8.0	10.5	8.3	0.4	17.9	3.5	6.4	79.8
Dec. qtr	6.4	3.5	20.8	29.6	8.6	11.8	12.2	1.0	16.0	7.5	10.7	121.6
1995 Mar. qtr	2.3	3.3	6.2	5.6	8.0	10.9	13.2	0.7	2.6	4.0	9.1	63.7
June qtr r	4.2	1.9	11.4	6.2	11.0	5.3	14.4	0.1	4.3	7.6	4.9	66.9
Sept. qtr	3.8	1.3	10.9	12.1	8.9	5.0	7.6	1.3	7.1	6.1	4.3	64.7

TABLE 5. VALUE OF BUILDING ACTIVITY (a) BY CLASS OF BUILDING AND STAGE OF CONSTRUCTION, REMAINDER OF STATE, VICTORIA - continued
(\$m)

Period	Non-residential building										Total	
	New other residential buildings (b)	Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational		Miscellaneous
VALUE OF WORK DONE DURING PERIOD												
1992-93	34.5	10.6	25.3	81.6	24.5	29.7	45.1	4.1	37.0	29.1	30.9	318.0
1993-94	24.4	12.4	38.6	102.0	32.7	40.1	35.0	3.7	38.1	24.7	22.2	349.5
1994-95 r	20.9	19.0	45.7	69.8	40.1	35.0	59.0	4.3	37.6	22.8	24.4	357.6
1994 June qtr	5.3	2.8	10.8	23.2	8.9	9.4	8.8	0.8	15.0	4.3	7.1	90.9
Sept. qtr	5.8	2.5	15.8	18.9	9.4	8.4	10.4	0.7	10.8	4.6	7.9	89.4
Dec. qtr	4.5	3.1	17.4	18.9	8.0	13.9	17.8	1.1	6.3	4.7	9.4	100.6
1995 Mar. qtr	3.7	7.7	6.5	11.4	8.9	6.5	12.8	1.3	9.3	5.6	4.0	74.1
June qtr r	7.0	5.7	6.0	20.5	13.8	6.2	17.9	1.2	11.1	8.0	3.2	93.6
Sept. qtr	6.2	8.5	27.4	18.1	14.3	8.4	14.9	0.7	10.5	8.7	3.1	114.6
VALUE OF WORK YET TO BE DONE												
1992-93	10.0	9.7	8.3	32.8	5.7	6.7	8.7	1.2	11.1	7.2	3.8	95.1
1993-94	8.9	2.1	8.4	38.3	4.5	4.2	9.4	0.6	14.7	5.5	13.2	100.9
1994-95 r	9.0	12.7	8.7	24.3	9.7	7.4	24.6	1.2	17.8	11.1	2.4	119.9
1994 June qtr	8.9	2.1	8.4	38.3	4.5	4.2	9.4	0.6	14.7	5.5	13.2	100.9
Sept. qtr	9.4	2.9	9.3	47.9	6.1	7.4	9.7	0.8	4.6	6.7	6.6	101.9
Dec. qtr	10.3	9.4	4.1	34.7	3.6	4.8	35.1	1.5	20.6	7.7	3.8	125.3
1995 Mar. qtr	10.3	5.6	5.5	29.0	13.8	3.5	28.4	1.6	15.7	7.3	1.8	112.3
June qtr r	9.0	12.7	8.7	24.3	9.7	7.4	24.6	1.2	17.8	11.1	2.4	119.9
Sept. qtr	7.9	9.4	8.0	21.3	5.0	8.5	21.1	1.0	13.5	9.6	1.7	99.1

(a) Data relating to new houses and alterations and additions to houses are available at the State level only (see Explanatory notes, paragraph 4).

(b) Excludes houses but includes flats, home units, semi-detached houses, villa units, townhouses, etc. For definitions see Explanatory notes, paragraph 9.

**TABLE 6. NUMBER OF DWELLING UNITS BY STAGE OF CONSTRUCTION, VICTORIA
SEASONALLY ADJUSTED SERIES**

Period	Houses				Total			
	Private sector		Total		Private sector		Total	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
1994 June qtr	6,835	6,426	6,917	6,727	7,535	6,953	7,896	7,339
Sept. qtr	6,879	6,671	7,060	6,896	7,523	7,507	7,777	7,647
Dec. qtr	6,885	7,334	7,029	7,454	7,769	8,024	7,974	8,309
1995 Mar. qtr	5,931	6,896	6,038	7,128	6,531	7,627	6,833	7,959
June qtr r	5,564	5,797	5,651	5,916	6,515	6,001	6,804	6,404
Sept. qtr	5,566	5,856	5,783	5,963	5,929	6,452	6,464	6,630

**TABLE 7. VALUE OF BUILDING WORK DONE, VICTORIA
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	
1994 June qtr	641.8	76.1	718.3	179.2	357.1	502.2	1,405.2
Sept. qtr	669.0	86.6	754.8	183.9	362.6	503.5	1,437.7
Dec. qtr	689.7	74.6	765.5	186.7	414.8	596.9	1,532.5
1995 Mar. qtr	625.9	62.7	687.1	177.8	400.5	600.7	1,475.8
June qtr r	587.0	75.6	663.1	158.9	421.8	620.3	1,455.5
Sept. qtr	600.7	89.9	689.5	176.2	485.0	677.8	1,540.9

**TABLE 8. VALUE OF BUILDING WORK COMMENCED, AT AVERAGE 1989-90 PRICES (a), VICTORIA
(\$ million)**

Period	New residential building			Alterations and additions to residential buildings	Non-residential building		Total building
	Houses	Other residential buildings	Total		Private sector	Total	
1992-93	2,176.3	215.6	2,391.9	548.2	1,322.1	1,919.0	4,859.1
1993-94	2,435.7	385.3	2,821.0	668.1	2,386.2	3,182.4	6,671.5
1994-95 r	2,295.1	516.3	2,811.4	631.9	1,571.0	2,378.0	5,821.3
1994 June qtr	626.4	95.1	721.5	205.7	948.1	1,140.5	2,067.7
Sept. qtr	627.1	74.3	701.4	153.3	320.8	457.5	1,312.2
Dec. qtr	662.8	111.7	774.5	170.0	459.0	763.7	1,708.2
1995 Mar. qtr	481.9	174.0	655.9	145.5	391.7	574.6	1,376.0
June qtr r	523.3	156.3	679.6	163.1	399.5	582.2	1,424.9
Sept. qtr	527.8	62.9	590.7	152.3	443.2	595.0	1,338.0

(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 9. VALUE OF BUILDING WORK DONE, AT AVERAGE 1989-90 PRICES (a), VICTORIA
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							
1992-93	2,187.5	241.0	2,428.5	554.3	1,831.1	2,437.6	5,420.4
1993-94	2,382.7	349.1	2,731.8	615.0	1,731.6	2,411.1	5,757.9
1994-95 r	2,373.2	365.5	2,738.7	652.2	1,979.9	2,870.4	6,261.3
1994 June qtr	611.9	96.6	708.5	171.4	498.0	695.4	1,575.3
Sept. qtr	626.9	104.0	730.9	167.7	458.4	637.8	1,536.4
Dec. qtr	665.3	97.0	762.3	186.5	514.1	750.5	1,699.3
1995 Mar. qtr	535.7	71.6	607.3	149.9	433.7	644.6	1,401.8
June qtr r	545.3	92.9	638.2	148.1	573.7	837.5	1,623.8
Sept. qtr	549.2	104.8	654.0	156.8	595.5	833.7	1,644.5
SEASONALLY ADJUSTED							
1994 June qtr	601.6	94.7	696.8	168.0	449.2	631.9	1,510.0
Sept. qtr	623.3	106.5	728.5	171.2	452.7	628.6	1,525.2
Dec. qtr	636.2	91.0	728.8	172.2	514.0	739.7	1,619.0
1995 Mar. qtr	574.7	76.3	649.7	163.3	494.4	741.6	1,558.2
June qtr r	536.6	91.1	628.2	145.2	517.0	760.3	1,555.8
Sept. qtr	546.0	107.5	651.9	160.1	588.6	822.5	1,633.5

(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 10. NUMBER OF DWELLING UNITS BY OWNERSHIP,
CLASS OF BUILDER AND STAGE OF CONSTRUCTION,
VICTORIA

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											
1992-93	17,525	7,107	24,633	2,155	26,788	1,084	283	1,367	25,717	2,438	28,155
1993-94	21,678	5,292	26,970	3,130	30,100	934	432	1,366	27,904	3,562	31,466
1994-95 r	20,731	4,608	25,338	3,077	28,415	508	535	1,043	25,846	3,612	29,458
1994 June qtr	5,655	1,243	6,899	677	7,576	110	205	315	7,009	882	7,891
Sept. qtr	5,884	1,075	6,959	611	7,570	139	96	235	7,098	707	7,805
Dec. qtr	6,049	1,344	7,393	818	8,211	128	91	219	7,521	909	8,430
1995 Mar. qtr	4,356	1,004	5,360	722	6,082	134	207	341	5,494	929	6,423
June qtr r	4,442	1,185	5,627	926	6,553	107	141	248	5,734	1,067	6,801
Sept. qtr	4,189	1,436	5,625	340	5,965	183	333	516	5,808	673	6,481
UNDER CONSTRUCTION AT END OF PERIOD											
1992-93	5,042	6,006	11,048	1,501	12,549	724	521	1,245	11,772	2,022	13,794
1993-94	6,920	4,973	11,893	1,898	13,791	469	457	926	12,362	2,355	14,717
1994-95 r	6,236	4,145	10,381	2,261	12,642	287	504	791	10,668	2,765	13,433
1994 June qtr	6,920	4,973	11,893	1,898	13,791	469	457	926	12,362	2,355	14,717
Sept. qtr	7,204	4,920	12,124	1,833	13,957	353	518	871	12,477	2,351	14,828
Dec. qtr	7,091	4,539	11,630	1,786	13,416	301	473	774	11,931	2,259	14,190
1995 Mar. qtr	6,476	4,302	10,778	1,994	12,772	302	612	914	11,080	2,606	13,686
June qtr r	6,236	4,145	10,381	2,261	12,642	287	504	791	10,668	2,765	13,433
Sept. qtr	5,958	4,095	10,054	2,121	12,175	336	666	1,002	10,390	2,787	13,177
COMPLETED											
1992-93	17,185	7,297	24,481	1,898	26,379	618	668	1,286	25,099	2,566	27,665
1993-94	19,928	6,028	25,955	2,713	28,668	1,163	496	1,659	27,118	3,209	30,327
1994-95 r	21,575	5,118	26,693	2,412	29,105	687	480	1,167	27,380	2,892	30,272
1994 June qtr	5,335	1,280	6,615	714	7,329	310	36	346	6,925	750	7,675
Sept. qtr	5,601	1,129	6,730	671	7,401	254	31	285	6,984	702	7,686
Dec. qtr	6,161	1,667	7,828	863	8,691	178	132	310	8,006	995	9,001
1995 Mar. qtr	5,053	1,125	6,178	512	6,690	133	68	201	6,311	580	6,891
June qtr r	4,760	1,197	5,957	366	6,323	122	249	371	6,079	615	6,694
Sept. qtr	4,450	1,470	5,921	445	6,366	134	171	305	6,055	616	6,671

TABLE 11. SUMMARY OF BUILDING ACTIVITY, VICTORIA
RELATIVE STANDARD ERRORS (PER CENT)
SEPTEMBER QUARTER 1995

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	2.6	3.0	2.4	2.9	3.6	1.6
Under construction at end of period	3.0	3.0	2.5	2.5	2.9	1.1
Completed	4.3	4.7	4.0	4.4	4.7	2.1
Value of work done	..	2.8	..	2.5	2.9	1.3
Value of work yet to be done	..	4.1	..	3.1	3.4	1.3
TOTAL PRIVATE AND PUBLIC SECTORS						
Commenced	2.5	3.0	2.2	2.7	3.4	1.4
Under construction at end of period	2.9	3.0	2.3	2.3	2.8	0.9
Completed	4.2	4.6	3.8	4.2	4.5	1.8
Value of work done	..	2.8	..	2.4	2.8	1.1
Value of work yet to be done	..	4.1	..	3.1	3.4	1.3

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. Prior to the September quarter 1990, the cut-off for inclusion of non-residential building jobs (both new and alterations and additions) was \$30,000 or more and prior to the September quarter 1985 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 town-houses, 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 up to the end of the period on building jobs commenced but not completed.

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, guesthouses, 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 11.

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 11). 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 6, 7 and 9. 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 the movement in the date of Easter which may, in successive years, affect figures for different quarters. Further information about seasonal adjustment can be obtained from the Assistant Director of Time Series Analysis, Canberra, on (06) 252 6345.

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 8 and 9. 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.

Unpublished data and related publications

27. 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.

28. 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, Victoria (8731.2) – monthly (\$13.00)
Dwelling Unit Commencements Reported by Approving Authorities, Victoria (8741.2) – monthly (\$12.00)
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Engineering Construction Activity, Australia (8762.0) – quarterly (\$11.00)

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

STUART JACKSON
 Deputy Commonwealth Statistician



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