

**BUILDING ACTIVITY, VICTORIA  
MARCH QUARTER 1995**

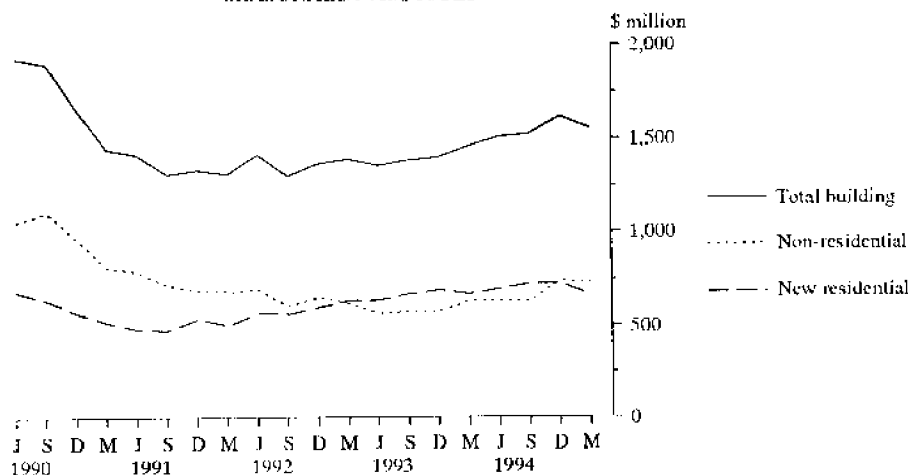
**SUMMARY OF FINDINGS**

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

	Percentage change on	
	Dec. quarter 1994	Mar. quarter 1994
New residential building	-9.5	-1.8
Alterations and additions to residential buildings	-6.7	5.0
Non-residential building	-1.2	16.0
<b>Total building</b>	<b>-3.9</b>	<b>6.4</b>

- In seasonally adjusted average 1989-90 prices, the value of work done on new residential building for the March quarter 1995 suffered a 9.5% fall to \$659.0 million from last quarter's 5-year high. Similarly, work done on residential alterations and additions was down 6.7% to \$160.5 million from last quarter's record high.
- However, work done for the March quarter on non-residential building, at \$730.7 million, changed little from the 3½ year high established last quarter and was still 16.0% above that of a year earlier. (*Revisions to December quarter 1994 data include a significant downward revision in the value of non-residential building work done for the private sector, covering several building categories.*)
- The total value of all building work done for the March quarter was \$1,554.5 million, down 3.9% on the previous quarter's 4-year high but still up 6.4% on 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- for more information about statistics in this publication and the availability of related unpublished statistics, contact Rex Porter on Adelaide (08) 237 7496 or any ABS State Office.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.

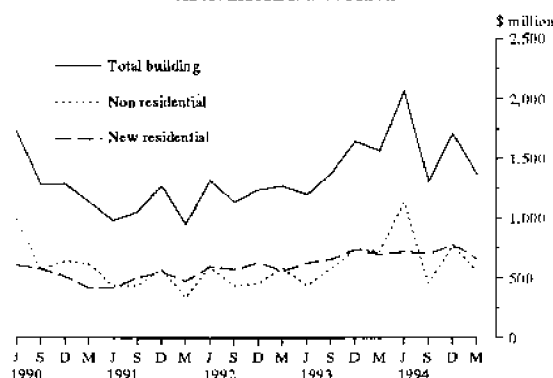
## SUMMARY OF FINDINGS – continued

## Value of building work commenced at average 1989–90 prices

	Percentage change on	
	Dec. quarter 1994	Mar. quarter 1994
New residential building	-14.1	-4.9
Alterations and additions to residential buildings	-16.8	-5.0
Non-residential building	-26.6	-22.1
<b>Total building</b>	<b>-20.0</b>	<b>-12.8</b>

- Expressed in average 1989–90 prices (but not seasonally adjusted), the value of new residential building commencements for the March quarter 1995 was \$665.3 million, down 14.1% from the 5½ year high of the previous quarter and 4.9% on a year earlier. Commencements of residential alterations and additions slumped 16.8% during the quarter to \$141.4 million.
- The value of non-residential building commencements fell 26.6% to \$562.4 million for the March quarter. The main decreases occurred in the public sector in the educational and the entertainment and recreational building categories, due to some large projects having commenced in the previous quarter.
- The total value of all building work commenced during the March quarter 1995 was \$1,369.1 million, down 20.0% from the previous quarter and 12.8% on a year earlier.

VALUE OF WORK COMMENCED AT AVERAGE 1989-90 PRICES

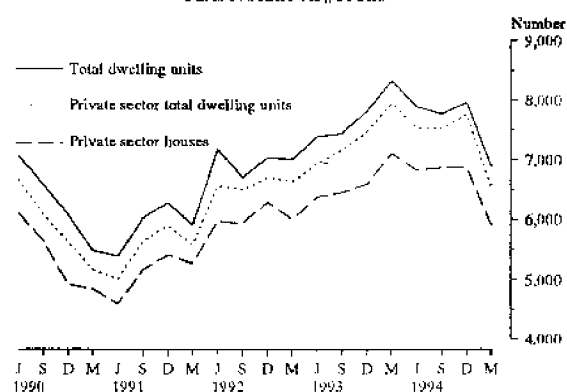


## Number of dwelling units commenced, seasonally adjusted

	Percentage change on	
	Dec. quarter 1994	Mar. quarter 1994
Private sector houses	-14.1	-16.8
Private sector dwelling units	-15.7	-17.6
<b>Total dwelling units</b>	<b>-13.5</b>	<b>-17.1</b>

- In seasonally adjusted terms, the estimate of the number of private sector houses commenced during the March quarter 1995 fell by 14.1% to 5,914. This is 16.8% below the recent high established a year earlier and the lowest number for 3 years.
- Similarly, the total number of dwelling units commenced was down 13.5% during the March quarter to 6,901, a 2½ year low.

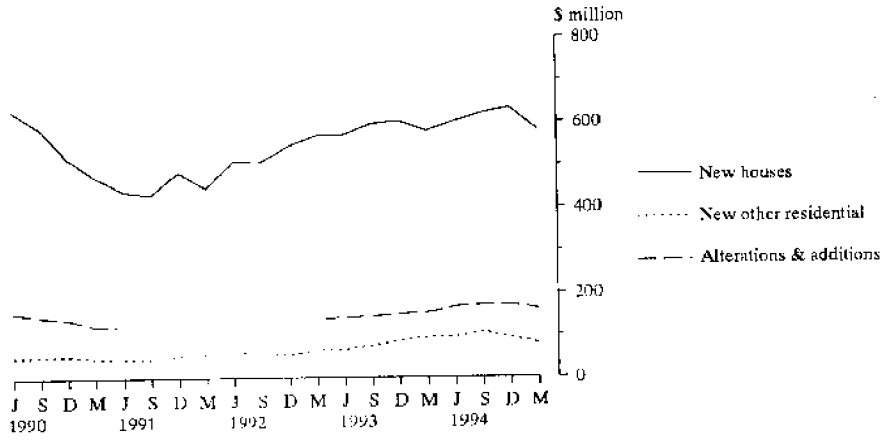
NEW DWELLING UNITS COMMENCED SEASONALLY ADJUSTED



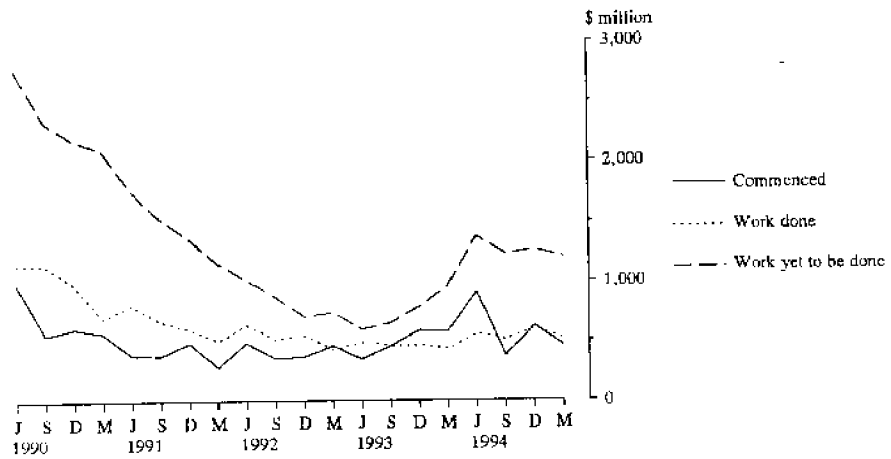
## Original unadjusted data

- The total value of building work commenced (unadjusted, at current prices) fell by \$326.6 million or 20.3% during the March quarter 1995 to \$1,283.5 million. Both the residential and non-residential sectors fell by \$163.3 million, representing decreases of 16.5% and 26.3% respectively.
- The total number of dwelling units commenced fell by 1,943 or 23.0% to 6,487.
- The total value of work done during the March quarter 1995 fell 17.6% to \$1,326.2 million while the value of work yet to be done on jobs under construction at the end of the quarter fell only marginally to \$2,051.0 million.

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



VALUE OF NON-RESIDENTIAL BUILDING



VALUE OF NON-RESIDENTIAL WORK DONE

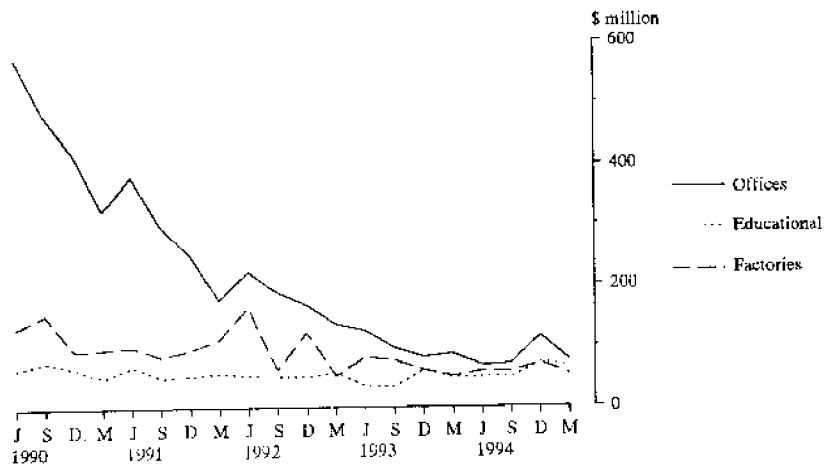


TABLE 1. SUMMARY OF BUILDING ACTIVITY, VICTORIA

Period	New residential building										Non-residential building																																												
	Houses					Other residential buildings					Total					Alterations and additions to residential buildings etc.					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)	Hotels etc.	Shops	Factories	Offices	Business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	Total building																																
COMMENCED																																																							
1991-92	22,392	1,988.6	3,029	207.4	25,421	2,196.0	5,427	76.6	161.9	353.5	417.4	172.7	194.0	17.2	112.1	56.1	68.1	1,629.6	4,568.4																																				
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	486.6	227.1	273.6	393.3	211.2	16.3	240.0	380.5	138.2	2,529.3	6,105.7																																				
1993 Dec. qtr	7,428	690.1	828	66.2	8,256	756.3	180.1	13.3	134.3	53.4	111.6	52.9	59.8	5.6	52.6	43.9	57.1	564.7	1,521.0																																				
1994 Mar. qtr	6,688	597.4	1,144	112.8	7,832	710.2	157.3	4.3	115.1	42.9	49.4	173.8	50.9	2.5	79.1	43.8	13.0	574.8	1,442.4																																				
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	620.0	1,610.1																																				
1995 Mar. qtr	5,488	525.4	999	148.9	6,487	674.3	152.4	20.4	109.3	33.8	115.1	64.1	48.6	3.5	29.8	25.1	7.0	456.7	1,283.5																																				
UNDER CONSTRUCTION AT END OF PERIOD																																																							
1991-92	11,210	1,107.3	2,154	155.1	13,364	1,262.4	2,587	35.5	177.5	554.2	2,021.3	126.3	173.4	18.1	243.3	50.6	63.4	3,463.6	4,984.7																																				
1992-93	11,772	1,144.6	2,022	150.1	13,794	1,294.7	2,432	30.6	79.1	347.7	877.9	117.9	132.1	17.2	412.6	74.2	107.8	2,195.1	3,733.0																																				
1993-94	12,562	1,247.9	2,355	226.9	14,917	1,474.8	3,606	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																																				
1993 Dec. qtr	11,696	1,140.9	1,643	139.4	13,339	1,270.4	2,702	26.8	225.3	158.7	762.7	115.8	140.7	17.5	465.0	92.4	104.2	2,109.0	3,649.6																																				
1994 Mar. qtr	12,331	1,191.7	2,249	213.7	14,580	1,405.4	2,863	21.0	341.6	123.3	309.5	208.6	135.4	14.1	525.5	110.9	102.6	1,892.5	3,584.1																																				
June qtr	12,562	1,247.9	2,355	226.9	14,917	1,474.8	3,606	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	3,784	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	3,464.4	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	11,355	1,176.9	2,712	327.0	14,067	1,503.9	3,529	191.7	472.7	156.2	222.4	316.9	171.7	18.1	269.1	446.6	53.6	2,319.0	4,175.8																																				
COMPLETED																																																							
1991-92	22,401	2,026.8	2,865	215.7	25,266	2,242.5	5,431	165.8	195.5	390.1	1,383.3	140.0	210.8	21.7	166.3	211.4	120.0	3,004.9	5,790.5																																				
1992-93	25,099	2,233.4	2,566	179.1	27,665	2,412.5	5,835	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	6,013	35.2	182.5	424.0	1,056.7	222.3	201.0	19.8	113.3	140.4	100.1	2,495.2	5,821.7																																				
1993 Dec. qtr	6,897	634.9	1,073	84.9	7,970	719.8	1,467	9.7	59.8	74.6	68.6	54.7	37.1	6.7	15.9	32.7	21.9	381.6	1,248.1																																				
1994 Mar. qtr	5,988	546.8	533	38.0	6,521	584.8	1,452	10.4	34.6	77.8	491.0	83.8	57.8	6.2	21.6	22.4	13.8	819.3	1,549.3																																				
June qtr	6,925	615.6	750	67.8	7,675	683.5	1,516	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	1,520	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	2,236	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	6,046	603.3	546	49.2	6,592	652.5	1,506	8.3	31.4	54.9	58.6	59.2	59.7	3.0	47.2	24.4	63.3	409.9	1,213.0																																				

TABLE 1. SUMMARY OF BUILDING ACTIVITY, VICTORIA—continued

Period	New residential building				Non-residential building																						
	Houses		Other residential buildings		Alterations and additions to residential buildings		Hotels etc.			Shops Factories		Offices		Other 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)	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	Total										
1991-92	..	1,993.4	..	181.0	..	2,174.4	550.3	102.1	177.2	450.4	942.9	133.7	210.6	18.6	113.3	151.7	103.7	2,404.2	5,128.9								
1992-93	..	2,386.7	..	196.3	..	2,483.0	579.5	33.6	207.3	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	335.7	198.4	193.4	16.5	272.1	157.6	111.7	1,902.2	5,352.5								
1993 Dec. qtr	..	666.2	..	73.1	..	739.3	172.3	9.9	67.7	60.7	82.3	44.2	60.7	4.2	64.6	33.2	31.4	458.9	1,370.4								
1994 Mar. qtr	..	577.2	..	69.5	..	646.7	149.9	7.6	71.2	51.0	87.3	46.7	49.2	3.0	62.2	37.1	17.2	432.6	1,229.2								
June qtr	..	652.8	..	77.6	..	730.4	182.8	9.9	126.9	59.1	68.6	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	108.2	58.3	71.5	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	116.6	90.7	73.2	3.6	55.7	48.2	31.7	605.6	1,608.5								
1995 Mar. qtr	..	590.6	..	60.7	..	651.3	160.4	13.1	93.5	53.7	76.7	94.6	66.4	5.4	46.4	47.1	17.7	514.5	1,326.2								
VALUE OF WORK DONE DURING PERIOD																											
1991-92	..	492.1	..	82.6	..	574.7	94.1	16.6	53.1	220.9	437.9	72.7	59.2	8.8	101.0	17.7	29.0	1,016.8	1,685.7								
1992-93	..	482.8	..	67.3	..	550.1	84.1	20.0	37.3	78.1	93.5	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	87.5	243.2	66.2	7.2	168.8	268.7	65.1	1,373.1	2,189.0								
1993 Dec. qtr	..	504.4	..	59.6	..	564.1	97.5	13.3	153.7	58.7	153.0	41.6	66.0	8.1	180.3	54.2	56.5	785.4	1,447.0								
1994 Mar. qtr	..	527.9	..	112.6	..	640.5	109.4	10.5	235.6	50.3	106.4	171.4	69.3	7.8	200.9	58.1	51.3	959.4	1,709.4								
June qtr	..	547.1	..	116.2	..	663.4	152.5	164.8	226.4	75.3	87.5	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	94.3	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	58.2	193.3	98.4	10.5	101.9	362.8	31.6	1,263.7	2,075.5								
1995 Mar. qtr	..	508.4	..	205.3	..	713.6	129.7	168.3	171.3	67.7	102.1	167.5	80.8	8.8	76.1	343.6	21.6	1,207.7	2,051.0								

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 355 such dwelling units commenced in the March quarter 1995.

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, VICTORIA

Period	New residential building										Non-residential building																												
	Houses					Other residential buildings					Total					Houses					Other residential buildings					Total													
	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	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																																							
1991-92	21,827	1,953.0	1,887	130.5	23,714	2,083.6	542.0	71.9	158.3	322.9	337.6	116.1	54.8	17.2	44.7	32.0	31.7	1,187.2	3,812.8	1991-92	10,935	1,091.0	1,246	90.9	12,201	1,182.0	288.5	24.8	176.3	402.6	911.7	72.7	34.1	18.1	36.4	36.8	36.0	1,749.5	3,190.0
1992-93	24,633	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	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	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	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	48.9	14.1	133.8	257.8	58.6	1,514.8	3,279.7
1993 Dec. qtr	7,076	666.6	820	65.5	7,896	732.1	179.5	6.3	133.3	49.1	92.1	51.2	44.8	5.6	32.1	12.5	11.8	438.8	1,350.4	1993 Dec. qtr	10,967	1,066.7	1,423	110.3	12,390	1,207.0	270.1	19.7	225.1	151.5	719.7	67.5	56.1	17.5	80.6	19.8	57.3	1,414.8	2,891.9
1994 Mar. qtr	6,442	582.1	971	97.8	7,413	679.9	157.2	4.3	113.7	40.9	35.0	54.1	16.8	2.5	66.8	39.7	7.1	380.8	1,218.0	1994 Mar. qtr	11,659	1,151.9	1,961	186.0	13,620	1,337.9	286.2	14.0	340.6	115.2	262.8	87.2	48.5	14.1	131.5	53.9	52.0	1,119.8	2,743.8
June qtr	6,890	659.7	677	62.2	7,567	721.9	212.5	165.3	94.9	46.5	34.8	126.5	13.7	2.7	8.7	245.2	21.1	759.4	1,693.8	June qtr	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	48.9	14.1	133.8	257.8	58.6	1,514.8	3,279.7
Sept. qtr	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	Sept. qtr	12,134	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
Dec. qtr	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	1,548.7	Dec. qtr	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	3,265.3
1995 Mar. qtr	5,344	515.8	756	129.6	6,100	645.4	152.3	20.1	108.9	33.7	60.9	32.1	15.2	3.5	8.4	19.9	5.6	308.4	1,106.1	1995 Mar. qtr	11,042	1,157.4	2,064	279.1	13,106	1,436.4	349.3	191.2	469.6	96.4	163.8	161.9	35.6	18.1	114.7	298.8	25.0	1,572.1	3,357.8
UNDER CONSTRUCTION AT END OF PERIOD																																							
1991-92	10,935	1,091.0	1,246	90.9	12,201	1,182.0	288.5	24.8	176.3	402.6	911.7	72.7	34.1	18.1	36.4	36.8	36.0	1,749.5	3,190.0	1991-92	21,710	1,983.7	1,998	155.0	23,708	2,138.7	542.5	155.8	179.0	385.0	1,325.1	109.5	71.7	21.7	56.8	181.7	47.4	2,533.8	5,215.0
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	1992-93	24,481	2,193.5	1,898	136.5	26,379	2,330.0	582.9	38.5	279.3	245.0	399.7	147.9	65.1	19.3	61.2	56.9	41.3	1,254.1	4,167.0
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	48.9	14.1	133.8	257.8	58.6	1,514.8	3,279.7	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
1993 Dec. qtr	10,967	1,066.7	1,423	110.3	12,390	1,207.0	270.1	19.7	225.1	151.5	719.7	67.5	56.1	17.5	80.6	19.8	57.3	1,414.8	2,891.9	1993 Dec. qtr	6,550	615.1	868	69.5	7,418	684.6	146.3	7.6	58.7	74.0	33.1	42.9	23.0	6.7	11.4	14.3	15.8	287.5	1,118.4
1994 Mar. qtr	11,659	1,151.9	1,961	186.0	13,620	1,337.9	286.2	14.0	340.6	115.2	262.8	87.2	48.5	14.1	131.5	53.9	52.0	1,119.8	2,743.8	1994 Mar. qtr	5,697	527.4	428	31.2	6,125	558.6	145.0	10.4	34.0	76.7	480.2	36.8	23.9	6.2	19.3	6.2	11.4	705.1	1,408.8
June qtr	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	48.9	14.1	133.8	257.8	58.6	1,514.8	3,279.7	June qtr	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
Sept. qtr	12,134	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	Sept. qtr	6,730	637.8	671	58.2	7,401	696.1	151.8	4.8	67.7	51.0	36.7	36.5	12.2	3.3	17.4	8.2	30.6	268.5	1,116.4
Dec. qtr	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	3,265.3	Dec. qtr	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. qtr	11,042	1,157.4	2,064	279.1	13,106	1,436.4	349.3	191.2	469.6	96.4	163.8	161.9	35.6	18.1	114.7	298.8	25.0	1,572.1	3,357.8	1995 Mar. qtr	5,914	593.3	478	45.3	6,392	638.6	150.4	7.9	28.7	53.6	51.8	51.6	18.8	3.0	10.2	5.4	14.7	245.7	1,034.6
COMPLETED																																							
1991-92	21,710	1,983.7	1,998	155.0	23,708	2,138.7	542.5	155.8	179.0	385.0	1,325.1	109.5	71.7	21.7	56.8	181.7	47.4	2,533.8	5,215.0	1991-92	21,710	1,983.7	1,998	155.0	23,708	2,138.7	542.5	155.8	179.0	385.0	1,325.1	109.5	71.7	21.7	56.8	181.7	47.4	2,533.8	5,215.0
1992-93	24,481	2,193.5	1,898	136.5	26,379	2,330.0	582.9	38.5	279.3	245.0	399.7	147.9	65.1	19.3	61.2	56.9	41.3	1,254.1	4,167.0	1992-93	24,481	2,193.5	1,898	136.5	26,379	2,330.0	582.9	38.5	279.3	245.0	399.7	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	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
1993 Dec. qtr	6,550	615.1	868	69.5	7,418	684.6	146.3	7.6	58.7	74.0	33.1	42.9	23.0	6.7	11.4	14.3	15.8	287.5	1,118.4	1993 Dec. qtr	6,550	615.1	868	69.5	7,418	684.6	146.3	7.6	58.7	74.0	33.1	42.9	23.0	6.7	11.4	14.3	15.8	287.5	1,118.4
1994 Mar. qtr	5,697	527.4	428	31.2	6,125	558.6	145.0	10.4	34.0	76.7	480.2	36.8	23.9	6.2	19.3	6.2	11.4	705.1	1,408.8	1994 Mar. qtr	5,697	527.4	428	31.2	6,125	558.6	145.0	10.4	34.0	76.7	480.2	36.8	23.9	6.2	19.3	6.2	11.4	705.1	1,408.8
June qtr	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	June qtr	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
Sept. qtr	6,730	637.8	671	58.2	7,401	696.1	151.8	4.8	67.7	51.0	36.7	36.5	12.2	3.3	17.4	8.2	30.6	268.5	1,116.4	Sept. qtr	6,730	637.8	671	58.2	7,401	696.1	151.8	4.8	67.7	51.0	36.7	36.5	12.2	3.3	17.4	8.2	30.6	268.5	1,116.4
Dec. qtr	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	Dec. qtr	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. qtr	5,914	593.3	478	45.3	6,392	638.6	150.4	7.9	28.7	53.6	51.8	51.6	18.8	3.0	10.2	5.4	14.7	245.7	1,0																				



TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, VICTORIA

Period	New residential building				Non-residential building										Total building				
	Houses		Other residential buildings		Alterations and additions to residential buildings		Value (\$m)												
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Value (\$m)	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Recreational		Miscellaneous			
COMMENCED																			
1991-92	565	35.6	1,142	76.9	1,707	112.4	0.7	4.7	3.6	30.6	79.8	56.6	139.2	—	67.4	24.2	36.4	442.4	555.5
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	556.3
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
1993 Dec. qtr	352	23.5	8	0.7	360	24.2	0.5	7.0	1.0	4.3	19.5	1.7	15.1	—	20.6	31.5	45.3	145.9	170.6
1994 Mar. qtr	246	15.3	173	15.0	419	30.3	0.1	—	1.5	2.0	14.4	119.7	34.1	—	12.3	4.1	6.0	194.0	224.4
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	36.2	3.6	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	144	9.6	243	19.4	387	28.9	0.1	0.3	0.3	0.1	54.2	32.0	33.4	—	21.4	5.2	1.4	148.3	177.4
UNDER CONSTRUCTION AT END OF PERIOD																			
1991-92	255	16.2	908	64.2	1,163	80.4	0.3	10.7	1.2	151.6	1,109.6	53.6	139.3	—	206.9	13.8	27.4	1,714.0	1,794.7
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	22.8	122.5	98.5	—	406.1	62.0	81.2	841.8	912.3
1993 Dec. qtr	729	44.2	220	19.2	949	63.4	0.2	7.0	0.2	7.2	43.0	48.3	84.6	—	384.4	72.6	46.9	694.2	757.8
1994 Mar. qtr	672	39.8	288	27.7	960	67.5	0.1	7.0	1.0	8.1	46.7	121.4	86.9	—	394.0	57.0	50.5	772.7	840.3
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	313	19.5	648	47.9	961	67.4	3.6	0.5	3.1	59.8	58.6	154.9	139.1	—	154.4	147.8	28.6	746.9	818.0
COMPLETED																			
1991-92	691	43.1	867	60.7	1,558	103.8	0.6	10.0	16.5	5.0	58.2	30.6	139.0	—	109.5	29.7	72.6	471.1	575.5
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
1993 Dec. qtr	347	19.7	205	15.4	552	35.1	0.4	2.1	1.1	0.6	35.4	11.8	14.0	—	4.5	18.5	6.2	94.1	129.6
1994 Mar. qtr	291	19.4	105	6.8	396	26.2	0.2	—	0.6	1.0	10.8	47.0	34.0	—	2.3	16.2	2.4	114.2	140.6
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	132	10.0	68	3.9	200	13.9	0.2	0.4	2.6	1.3	6.8	7.5	40.9	—	37.0	19.1	48.6	164.2	178.3



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

Period	New residential building										Non-residential building																							
	Houses					Other residential buildings					Total					Houses					Other residential buildings					Total								
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings (\$m)	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Recreational	Miscellaneous	Total	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings (\$m)	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Recreational	Miscellaneous	Total		
	VALUE OF WORK DONE DURING PERIOD																																	
1991-92	..	38.6	..	52.7	..	91.3	0.7	3.1	11.8	70.1	319.1	33.8	145.2	—	61.3	25.8	50.4	720.5	..	812.5	..	0.7	3.1	11.8	70.1	319.1	33.8	145.2	—	61.3	25.8	50.4	720.5	812.5
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	..	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	636.3	..	636.3	..	1.4	5.6	4.1	19.0	72.8	31.7	105.2	—	169.2	73.9	54.5	636.3	636.3
1993 Dec. qtr	..	20.8	..	5.5	..	26.3	0.5	2.2	1.1	2.7	25.5	3.9	26.6	—	39.7	21.9	17.4	141.1	..	168.0	..	0.5	2.2	1.1	2.7	25.5	3.9	26.6	—	39.7	21.9	17.4	141.1	168.0
1994 Mar. qtr	..	16.2	..	7.2	..	23.4	0.1	1.2	0.7	4.7	18.7	7.9	27.9	—	38.2	13.0	6.1	118.5	..	141.9	..	0.1	1.2	0.7	4.7	18.7	7.9	27.9	—	38.2	13.0	6.1	118.5	141.9
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	..	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	..	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	..	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	..	9.8	..	17.1	1.0	0.3	1.5	8.8	11.8	37.4	46.9	—	22.7	33.5	7.5	170.5	..	188.6	..	1.0	0.3	1.5	8.8	11.8	37.4	46.9	—	22.7	33.5	7.5	170.5	188.6
	VALUE OF WORK YET TO BE DONE																																	
1991-92	..	8.1	..	34.6	..	42.8	—	9.7	0.9	49.5	40.0	32.3	46.2	—	78.1	5.9	13.6	276.2	..	319.0	..	—	9.7	0.9	49.5	40.0	32.3	46.2	—	78.1	5.9	13.6	276.2	319.0
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	..	—	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	..	2.8	2.2	0.4	28.9	8.1	108.2	45.8	—	100.4	25.7	41.4	361.1	396.6
1993 Dec. qtr	..	18.7	..	6.9	..	25.6	—	4.9	—	4.5	16.5	1.6	34.0	—	141.6	43.9	32.1	279.2	..	304.8	..	—	4.9	—	4.5	16.5	1.6	34.0	—	141.6	43.9	32.1	279.2	304.8
1994 Mar. qtr	..	18.0	..	15.0	..	32.9	—	3.7	0.8	1.8	12.4	113.7	42.3	—	116.0	31.6	31.9	354.2	..	387.1	..	—	3.7	0.8	1.8	12.4	113.7	42.3	—	116.0	31.6	31.9	354.2	387.1
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	..	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	..	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	..	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	..	10.0	..	22.0	..	32.0	0.7	0.1	1.5	24.7	46.6	94.2	68.0	—	27.6	87.1	12.5	362.3	..	395.0	..	0.7	0.1	1.5	24.7	46.6	94.2	68.0	—	27.6	87.1	12.5	362.3	395.0

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.	Stops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational		Miscellaneous
<b>COMMENCED</b>												
1991-92	157.0	65.8	142.8	312.0	530.8	145.8	137.7	13.0	76.4	37.8	48.6	1,510.7
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
1993	Dec. qtr	8.1	126.4	33.2	103.1	40.2	48.0	5.3	33.4	33.9	51.6	483.2
1994	Mar. qtr	106.2	2.8	104.7	36.1	43.6	165.8	2.2	68.8	40.9	9.6	517.5
	June qtr	72.7	163.1	82.2	37.1	38.8	124.5	1.8	25.4	260.1	33.6	803.6
	Sept. qtr	54.2	3.4	35.4	42.2	64.6	35.8	2.2	39.8	24.3	8.4	292.2
	Dec. qtr	86.1	1.2	84.8	62.4	74.3	37.3	5.2	16.0	143.3	14.9	501.5
1995	Mar. qtr	145.4	16.5	102.4	27.8	96.2	59.0	2.1	15.5	20.1	4.7	386.1
<b>UNDER CONSTRUCTION AT END OF PERIOD</b>												
1991-92	119.1	23.3	171.1	517.8	2,017.5	112.1	132.3	14.9	207.9	44.5	48.6	3,289.7
1992-93	123.1	16.5	70.5	251.9	861.5	104.9	108.3	13.7	388.8	53.9	83.9	1,953.9
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
1993	Dec. qtr	110.0	19.9	214.5	75.0	750.2	100.8	113.6	432.3	75.1	99.2	1,896.9
1994	Mar. qtr	196.5	13.6	326.0	82.7	296.8	196.2	112.8	488.9	97.0	95.9	1,722.9
	June qtr	210.2	173.3	400.8	94.3	126.9	286.0	123.7	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	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	267.1	429.8	95.8	2,045.6
1995	Mar. qtr	309.4	179.0	457.2	93.9	199.1	309.0	14.5	237.5	432.1	47.3	2,094.2
<b>COMPLETED</b>												
1991-92	205.1	147.2	166.5	354.5	1,359.8	114.4	183.9	15.6	135.9	188.4	73.1	2,744.3
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
1993	Dec. qtr	78.6	3.3	50.4	43.6	60.8	45.1	4.3	7.0	24.3	12.2	279.7
1994	Mar. qtr	29.0	9.4	29.0	26.9	485.7	73.1	5.4	15.2	16.0	12.0	718.9
	June qtr	62.3	3.4	51.6	26.5	212.3	37.2	2.4	19.5	59.5	16.9	436.6
	Sept. qtr	57.4	2.7	60.2	42.9	38.3	29.5	2.9	159.8	33.7	32.1	438.9
	Dec. qtr	94.4	8.4	74.1	43.6	82.5	43.9	2.8	96.7	23.2	11.6	444.7
1995	Mar. qtr	47.0	4.9	25.1	49.6	50.9	48.4	2.3	45.9	20.5	54.2	348.3

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												
1991-92	135.6	89.1	150.9	419.5	922.4	110.2	168.3	13.8	76.0	132.2	66.6	2,149.0
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
1993												
Dec. qtr	67.7	6.3	56.8	33.9	74.7	31.8	51.9	3.1	55.5	24.3	24.1	362.4
1994												
Mar. qtr	62.8	5.2	61.6	30.2	81.2	38.2	39.5	2.7	53.0	33.7	13.7	359.1
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 r	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	56.9	5.4	87.1	42.3	68.1	88.1	53.7	3.8	37.1	41.6	13.7	440.8
VALUE OF WORK YET TO BE DONE												
1991-92	63.2	7.7	50.0	196.8	435.7	65.0	40.9	7.3	85.6	15.0	24.4	928.4
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
1993												
Dec. qtr	50.4	8.9	148.7	30.4	146.5	34.8	53.7	7.8	159.2	45.6	54.3	689.8
1994												
Mar. qtr	103.5	6.7	227.7	34.8	100.2	165.0	59.7	7.3	178.7	49.8	49.3	879.1
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 r	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	195.1	162.8	165.8	38.2	88.3	163.9	52.2	7.4	60.5	336.3	19.7	1,095.1

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

Period	New other residential buildings (b)	Non-residential building										Total
		Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	
<b>COMMENCED</b>												
1991-92	62.8	10.8	19.1	41.5	18.9	26.8	56.4	4.2	35.8	18.3	19.5	251.3
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
1993												
Dec. qtr	4.2	5.2	7.9	20.2	8.4	12.7	11.9	0.3	19.2	10.0	5.5	101.4
1994												
Mar. qtr	6.6	1.5	10.4	6.8	5.8	8.0	7.8	0.4	10.3	2.9	3.4	57.3
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 r	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	6.0	18.9	5.1	7.0	1.4	14.3	5.0	2.3	70.6
<b>UNDER CONSTRUCTION AT END OF PERIOD</b>												
1991-92	35.9	12.2	6.4	36.4	3.8	14.1	41.0	3.3	35.4	6.4	14.8	173.8
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
1993												
Dec. qtr	19.5	6.8	10.8	83.7	12.5	15.0	27.1	1.3	32.6	17.3	5.0	212.1
1994												
Mar. qtr	17.2	7.5	15.6	40.7	12.7	12.4	22.6	0.9	36.6	13.9	6.7	169.6
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 r	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	17.6	12.8	15.5	62.3	23.3	7.8	47.1	3.5	31.6	14.5	6.3	224.8
<b>COMPLETED</b>												
1991-92	42.6	18.6	29.0	30.6	23.5	25.6	26.9	6.0	30.5	22.1	46.9	259.7
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
1993												
Dec. qtr	6.3	6.4	9.4	31.0	7.7	9.6	8.2	2.5	8.9	8.4	9.8	101.9
1994												
Mar. qtr	8.9	1.1	5.7	50.9	5.3	10.7	11.5	0.8	6.4	6.4	1.8	100.5
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 r	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	2.1	3.3	6.2	5.3	7.7	10.8	13.3	0.7	1.3	4.0	9.1	61.7

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

Period	New other residential buildings (b)	Non-residential building										Total
		Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	
VALUE OF WORK DONE DURING PERIOD												
1991-92	45.4	13.1	26.4	30.9	20.4	23.5	42.2	4.8	37.3	19.0	37.1	254.7
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
1993	5.4	3.5	10.9	26.7	7.6	12.4	8.7	1.2	9.2	8.9	7.3	96.5
1994	6.8	2.3	9.6	20.7	6.1	8.5	9.7	0.3	9.3	3.3	3.6	73.5
Mar. 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
June 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
Sept. 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
Dec. qtr	3.8	7.7	6.5	11.3	8.6	6.5	12.7	1.6	9.3	5.5	4.0	73.7
VALUE OF WORK YET TO BE DONE												
1991-92	19.4	8.9	3.1	24.0	2.2	7.7	18.3	1.5	15.4	2.7	4.6	88.4
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
1993	9.3	4.4	5.1	28.3	6.6	6.8	12.3	0.4	21.1	8.6	2.1	95.6
1994	9.1	3.8	5.9	15.4	6.2	6.4	9.6	0.5	22.2	8.3	2.0	80.3
Mar. 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
June 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
Sept. 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
Dec. qtr	10.2	5.6	5.5	29.5	13.8	3.6	28.6	1.4	15.6	7.3	1.8	112.6

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

Period	<i>Houses</i>				<i>Total</i>			
	<i>Private sector</i>		<i>Total</i>		<i>Private sector</i>		<i>Total</i>	
	<i>Commenced</i>	<i>Completed</i>	<i>Commenced</i>	<i>Completed</i>	<i>Commenced</i>	<i>Completed</i>	<i>Commenced</i>	<i>Completed</i>
1993 Dec. qtr	6,604	6,114	6,957	6,394	7,482	6,835	7,825	7,334
1994 Mar. qtr	7,105	6,379	7,329	6,786	7,947	6,991	8,324	7,546
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	5,914	6,601	6,031	6,829	6,550	7,287	6,901	7,613

**TABLE 7. VALUE OF BUILDING WORK DONE, VICTORIA  
SEASONALLY ADJUSTED SERIES  
(\$ million)**

Period	<i>New residential building</i>			<i>Alterations and additions to residential buildings</i>	<i>Non-residential building</i>		<i>Total building</i>
	<i>Houses</i>	<i>Other residential buildings</i>	<i>Total</i>		<i>Private sector</i>	<i>Total</i>	
1993 Dec. qtr	637.7	68.7	707.5	159.1	317.5	452.4	1,307.3
1994 Mar. qtr	619.4	74.1	692.2	163.3	358.1	497.6	1,365.3
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	633.6	64.6	696.7	174.8	392.1	591.9	1,474.2

**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	
1991-92	1,888.0	245.7	2,133.7	521.8	1,422.3	1,950.5	4,606.0
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
1993 Dec. qtr	656.7	83.3	740.0	170.2	554.7	739.2	1,649.4
1994 Mar. qtr	559.3	140.6	699.9	148.8	478.4	722.1	1,570.8
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	321.2	458.1	1,312.8
Dec. qtr r	662.8	111.8	774.6	170.0	460.7	766.5	1,711.1
1995 Mar. qtr	484.2	181.1	665.3	141.4	379.8	562.4	1,369.1

(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	
<b>ORIGINAL</b>							
1991-92	1,871.0	210.1	2,081.1	516.6	1,956.8	2,790.1	5,387.8
1992-93	2,186.4	241.0	2,427.4	554.0	1,831.1	2,437.6	5,419.0
1993-94	2,382.7	349.1	2,731.8	615.0	1,731.6	2,411.1	5,757.9
1993 Dec. qtr	630.9	91.9	722.8	163.1	404.3	583.8	1,469.7
1994 Mar. qtr	540.0	87.2	627.2	140.2	397.7	547.7	1,315.1
June qtr	611.9	96.6	708.5	171.4	498.0	695.4	1,575.3
Sept. qtr	625.8	104.0	729.8	167.4	458.4	637.8	1,535.0
Dec. qtr r	664.7	97.0	761.7	186.3	514.1	750.5	1,698.5
1995 Mar. qtr	542.3	73.7	616.0	147.3	424.7	635.2	1,398.5
<b>SEASONALLY ADJUSTED</b>							
1993 Dec. qtr	603.9	86.4	691.8	150.6	403.9	575.5	1,401.9
1994 Mar. qtr	579.5	92.9	671.2	152.8	453.3	629.9	1,460.7
June qtr	601.6	94.7	696.8	168.0	449.2	631.9	1,510.0
Sept. qtr	622.2	106.5	727.4	170.9	452.7	628.6	1,523.8
Dec. qtr r	635.6	91.0	728.2	172.0	514.0	739.7	1,618.3
1995 Mar. qtr	581.8	78.5	659.0	160.5	484.1	730.7	1,554.5

(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								
<b>COMMENCED</b>											
1991-92	14,785	7,041	21,827	1,887	23,714	565	1,142	1,707	22,392	3,029	25,421
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
1993 Dec. qtr	5,665	1,411	7,076	820	7,896	352	8	360	7,428	828	8,256
1994 Mar. qtr	5,393	1,049	6,442	971	7,413	246	173	419	6,688	1,144	7,832
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	3,724	1,620	5,344	756	6,100	144	243	387	5,488	999	6,487
<b>UNDER CONSTRUCTION AT END OF PERIOD</b>											
1991-92	4,671	6,285	10,955	1,246	12,201	255	908	1,163	11,210	2,154	13,364
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
1993 Dec. qtr	5,817	5,150	10,967	1,423	12,390	729	220	949	11,696	1,643	13,339
1994 Mar. qtr	6,628	5,031	11,659	1,961	13,620	672	288	960	12,331	2,249	14,580
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	6,021	5,021	11,042	2,064	13,106	313	648	961	11,355	2,712	14,067
<b>COMPLETED</b>											
1991-92	13,765	7,945	21,710	1,998	23,708	691	867	1,558	22,401	2,865	25,266
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
1993 Dec. qtr	5,227	1,324	6,550	868	7,418	347	205	552	6,897	1,073	7,970
1994 Mar. qtr	4,609	1,088	5,697	428	6,125	291	105	396	5,988	533	6,521
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	4,793	1,121	5,914	478	6,392	132	68	200	6,046	546	6,592

**TABLE 11. SUMMARY OF BUILDING ACTIVITY, VICTORIA  
RELATIVE STANDARD ERRORS (PER CENT)  
MARCH 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		
<b>PRIVATE SECTOR</b>						
Commenced	3.0	3.7	2.7	3.0	3.5	1.8
Under construction at end of period	2.9	3.1	2.5	2.5	2.9	1.1
Completed	4.4	4.8	4.0	4.5	5.8	2.9
Value of work done	..	2.7	..	2.5	3.6	1.5
Value of work yet to be done	..	3.9	..	2.8	3.5	1.2
<b>TOTAL PRIVATE AND PUBLIC SECTORS</b>						
Commenced	3.0	3.6	2.5	2.8	3.5	1.5
Under construction at end of period	2.8	3.0	2.3	2.3	2.9	0.9
Completed	4.3	4.7	3.9	4.4	5.8	2.5
Value of work done	..	2.7	..	2.4	3.6	1.3
Value of work yet to be done	..	3.9	..	2.8	3.5	1.2



## 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* 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 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. 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 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)
- Building Activity, Australia: Dwelling Unit Commencements, Preliminary* (8750.0) – quarterly (\$11.00)
- Engineering Construction Activity, Australia* (8762.0) – quarterly (\$11.00)

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

### Symbols and other usages

- .. not applicable
- nil or rounded to zero
- r figure or series revised since previous issue

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

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Deputy Commonwealth Statistician



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