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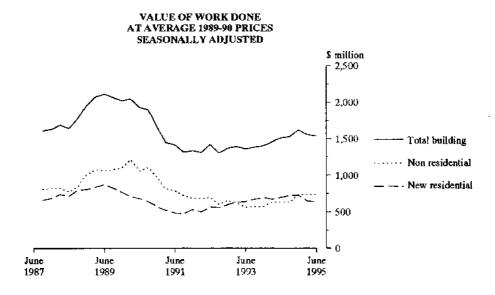
# BUILDING ACTIVITY, VICTORIA JUNE QUARTER 1995

#### SUMMARY OF FINDINGS

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

	Percentage	e change on
	Mar. quarter 1995	June quarter 1994
New residential building Alterations and additions	-2.7	-9.4
to residential buildings	-13,7	-16.3
Non-residential building	-0.1	17.2
Total building	-1.5	1.6

- In seasonally adjusted average 1989–90 prices, the total value of building work done during the quarter declined marginally to \$1,534.1 million and has now remained above \$1,500 million for the last five quarters.
- Work done on new residential building also declined marginally by 2.7%. This is made up of a 5.9% decline in work done for houses and an 18.7% increase to \$90.6 million for other residential buildings.
- For non-residential buildings, the level of work done has remained stable at around \$740 million for the last three quarters.



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- for more information about statistics in this publication and the availability of related unpublished statistics, contact Rex Porter on Adelaide (08) 237 7496 or any ABS State Office.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

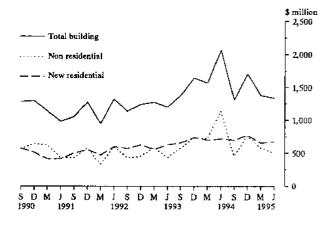
#### SUMMARY OF FINDINGS - continued

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

	Percentage	e change on
	Mar. quarter 1995	June quarter 1994
New residential building Alterations and additions	3.4	-6.0
to residential buildings	8.3	<b>-23.4</b>
Non-residential building	-12.8	-56.0
Total building	-2.9	-35.3

- In average 1989–90 prices, the total value of all building work commenced during the quarter declined 2.9% to \$1,337.8 million.
- This was entirely due to a decline of 12.8% in non-residential building commencements. The sharp drop of 56.0% from the previous June quarter should be viewed in the context of that quarter having been the highest since the record established in the June quarter 1989.
- Commencements of new residential buildings rose 3.4% to \$678.2 million, entirely because of an 8.5% increase in the value of houses commenced.

#### VALUE OF WORK COMMENCED AT AVERAGE 1989-1990 PRICES

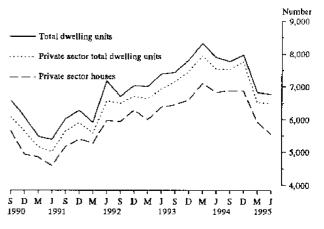


#### Number of dwelling units commenced, seasonally adjusted

	Percentage	e change on
	Mar. quarter 1995	June quarter 1994
Private sector houses	-6.4	-18.8
Private sector dwelling units	-0.7	-13.9
Total dwelling units	<b>-0,8</b>	-14.2

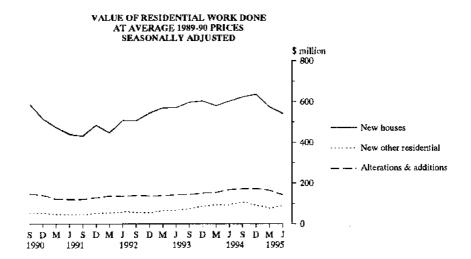
- In seasonally adjusted terms, the estimate of the number of private sector houses commenced during the quarter was down a further 6.4% to 5,549.
- However, the total number of private sector dwelling units commenced was 6,487, not significantly different from the previous quarter but down 13.9% on a year earlier.

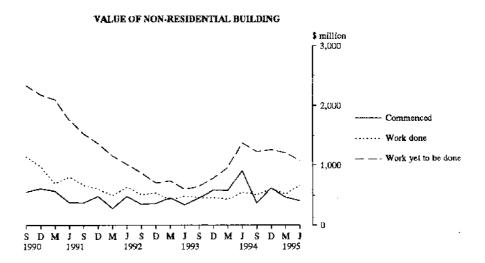
### NEW DWELLING UNITS COMMENCED SEASONALLY ADJUSTED



#### Original data

- The total value of work commenced during the quarter was \$1,279.8 million, not significantly different from the previous quarter. Of this, \$698.8 million was for new residential building resulting in 6,773 dwelling units or 350 more than the previous quarter.
- However, the total value of work done increased 13.1% or \$174.1 million to \$1,501.8 million. Of the increase, \$143.7 million was in the non-residential sector. Work yet to be done on jobs under construction at the end of the quarter was down 7.7% or \$157.7 million to \$1,900.0 million.
- For the year 1994–95, the total value of work commenced was down 10.8% to \$5,447.7 million. The entire decrease occurred in the non-residential sector, which fell 26.1% to \$1,869.3 million. Work commenced on residential buildings amounted to \$3,578.3 million, virtually the same as for 1993–94.





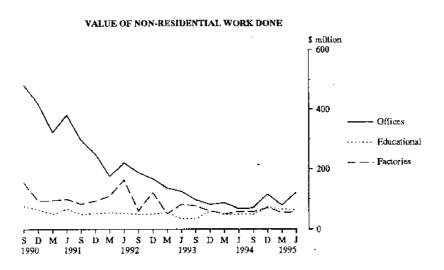


TABLE 1. SUMMARY OF BUILDING ACTIVITY, VICTORIA

		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	New residential building	l building								Valu	Value (\$m)						
	Houses		Other residential buildings	entíal çs	Total		'	-				Non-residential building	ntial baild	88					
Period	Number of dwelling units	Value (Sm)	Number of dwelling units	Value (3m)	Number of dwelling units	Value (\$m)	Afterations and additions to residential buildings	Hotels etc.	Shops	Shops Factories	Offices	Other business premises	Educa- tional	Reit	ta Health	Enter- tainment and recrea- tional	Miscel- laneous	Total	Total building
							٥	COMMENCED										į	
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	25,830	2,480.8	3,600	424.9	29,430	2,905.7	672.6	58.0	311.9	208.7	375.4	193.1	271.5	16.0	138.1	239.8	56.8	1,869.3	5,447.7
1994 Mar. qtr	6,688	597.4	1,144	112.8	7,832	710.2	157.3	4	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	6,999	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	5.3	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	606	91.6	8,430	808.1	181.9	10.6	96.4	67.5	79.7	<b>₹</b>	102.3	7.7	37.4	149.1	21.5	620.0	1,010.1
1995 Mar. qtr r	5,494	\$22.9	929	143.8	6,423	666.7	156.8	22.1	111.3	36.9	118.6	64.4	49.3	9.6	30.4	25.4	7.5	469,4	1,292.9
June qtr	5,718	569.8	1,055	128.9	6,773	698.8	169.9	18.8	52.1	48.1	101.7	33.1	72.7	2.5	29.1	35.3	17.7	411.1	1,279.8
						UNI	UNDER CONSTRUCTION AT END OF PERIOD	ECTION A	T END O	F PERIOD	i								
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	11,228	1,178.7	2,834	330.9	14,062	1,509.6	364.8	188.5	471.2	142.8	235.4	305.5	197.1	18.0	250.4	507.3	56.8	2,373.2	4,247.5
1994 Mar. atr	12,331	1,191.7	2,249	213.7	14,580	1,405.4	286.3	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	12,362	1,247.9	2,355	226.9	14,717	1,474.8		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		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 r	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	<b>444</b> 3	54.0	2,309.9	4,128.3
June qir	11,228	1,178.7		330.9	14,062	1,509.6	364.8	188.5	471.2	142.8	235.4	305.5	197.1	18.0	250.4	507.3	56.8	2,373.2	4,247.5
						:		COMPLETED	្គ										
1992-93	25,099	2,233.4	2,566	179.1	27,665	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	5.821.7
1994-95	26,838	2,571.4	2,811	261.4	29,649	2,832.8	694.2	30.1	311.6	250.6	288.3	212.4	227.2	12.1	385.7	124.2	139.7	1,981.9	5,508.8
1994 Mar. qtr	5,988	546.8	533	38.0	6,521	584.8	145.2	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		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		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	100'6	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 r	6,311	626.7	580	51.5	6,891		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	5,537	540.3	534	46.1	6,071	586.3	163.6	5.1	114.9	62.2	88.7	52.7	51.9	2.0	46.6	30.6	15.6	470.4	1,220.3

TABLE 1. SUMMARY OF BUILDING ACTIVITY, VICTORIA—continued

		N	New residential building	building		ĺ						Valu	Value (\$m)						
	House		Other residential	ential	Total		'					Non-residential building	ntial builds	8 mi					
Period	Number of dwelling units	Value (5m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings	Hotels etc.	Shops F	Factories	Offices	Other business premises	Educa- tional	Reli- gious	ti Health	Enter- lainment and recrea- tional	Miscel- laneous	Total	Total building
						VA	VALUE OF WORK DONE DURING PERIOD	*K DONE	DURING P	ERIOD									
1992-93		2,286.7		1963	:	2,483.0	5.675	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	5,352.3
1994-95	:	2,579.4	:	299.6	:	2,879.0	702.7	51.1	470.7	243.4	389.0	353.6	253.1	16.3	210.1	215.1	102.1	2,304.5	5,886.2
1994 Mar. qtr	:	577.2	:	5.69	:	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	6.6	126.9	59.1	9.89	62.4	49.8	3.4	69.7	60.3	42.8	552.7	1,466.0
Sept. 9tr	:	672.8	:	84.5	:	757.3	180.1	14.5	109.2	58.3	71.5	63.6	49.3	3.4	60.1	49.0	31.9	510.9	1,4483
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 r	;	583.4	:	58.9	:	642.3	163,2	13,4	94.8	55.9	79.4	95.1	6.99	5.1	46.6	47.2	17.9	522.2	1,327.7
June qtt	:	601.9	;	7.97	:	678.7	157.3	15.9	160.1	57.2	121.5	104.2	63.6	4.2	47.6	7.0.7	20.6	6.599	1,501.8
				!			VALUE OF WORK YET TO BE DONE	VORK YEI	TO BEDO	)NE									
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
1994-95	;	484.9	:	185.8	:	670.7	149.6	154.0	124.5	60.8	84.2	109.0	94.5	7,4	58.9	366.5	19.9	1,079.7	1.900.0
1994 Mar. qtr	;	527.9	:	112.6	:	640.5	109.4	10.5	233.6	50.3	106.4	171.4	6.69.3	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. qir	:	556.3	:	95,0	:	651.3	142.4	157.2	174.9	9,98	94.3	233.2	9.59	8.9	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	501	101.9	362.8	31.6	1,263.7	2,075.5
1995 Mar. qtr r	:	513.5	:	203.0	:	716.5	130.9	8'691	171.1	8.99	102.5	167.1	81.0	0.6	77.7	343.5	21.8	1,210.3	2,057.7
June qtr	:	484.9	:	185.8	;	670.7	149.6	154.0	124.5	8.09	84.2	0.601	94.5	7.4	58.9	366.5	19.9	1,079.7	1,900.0

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 convensions to dwelling units) are excluded from this table. There were 316 such dwelling units commenced in the June quarter 1995.

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		۲	New residential building	l building								Volue	Value (\$m)						
	Houses	ba	Other residential buildings	ential çs	Total	~	,					Non-residential building	rtial buildi	<u></u>					
Period	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (Sm)	Alterations and additions to residential buildings	Hotels efc.	Shops Factories	actories	Offices	Other business premises	Educa- tional	Reli-	tai Health	Enter- fairment and recrea- A tional li	Miscel- laneous	Total	Total building
					!		ō	COMMENCED	8										
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
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	25,322	2,444.6	3,065	388.2	28,387	2,832.7	2699	57.5	304.2	198.0	252.8	147.5	84.8	16.0	63.7	87.4	38.2	1,250.2	4,752.6
1994 Mar. otr	6.442	582.1	971	97.R	7.413	6.629	157.2	4	113.7	40.9	35.0	54.1	16.8	2.5	8.99	39.7	7.1	380.8	1,218.0
June atr	6.899	659.7	677	623	7.576	721.9	212.5	165.3	94.9	46.5	. <del>2</del> ,	126.5	13.7	2.7	8.7	245.2	21.1	759.4	1,693.8
Sept. qtr	6929	661.1	611	55.3	7.570	716.4	163.8	4,0	85 6	47.1	39.2	43.6	19.5	3.0	32.4	12.2	6.4	258.6	1,138.9
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	1,348.7
1995 Mar. ofr 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
June qtr	5,611	561.3	914	118.2	6,525		168.2	18.7	51.4	47.8	78.3	28.6	29.0	2.5	<b>88</b>	23.I	11.2	298.9	1,146.5
						Z.	UNDER CONSTRUCTION AT END OF PERIOD	UCTTON A	TENDOF	PERIOD									
1992-93	11,048	1,102.2	1,501	109.2	12,549		243.2	21.1	5.77	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	10,940	1,158.8	2,323	291.8	13,263	1,450.6	360.3	188.0	467.5	91.7	180.9	160.2	49.3	18.0	107.4	358.5	24,9	1,646.2	3,457.1
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 qu	11,893	1,220.8	1,898	187.0	13,791		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
Sept. qtr	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
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 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
June gtr	10,940	1,158.8	2,323	291.8	13,263		360.3	188.0	467.5	91.7	180.9	160.2	49.3	18.0	107.4	358.5	24.9	1,646.2	3,457.1
								COMPLETED	<b>.</b>										
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		9.009	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	26,152	2,527.1	2,338	224.7	28,490	2,751.8	692.3	23.5	306.5	234.6	199.9	183.7	85.7	12.1	87.0	40.7	71.5	1,245.1	4,689.2
1994 Mar. qtr	2,697	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 att	6,615	596.1	714	65.5	7,329	661.6		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		151.8	8,4	2.79	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	<b>4</b> .1	73.1	45.3	52.2	40.5	3.8	40.9	11.9	4.4	381.9	1,433.7
1995 Mar. qtr r	6,178	616.7	512	47.6	6,690			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
June qtr	5,416	532.6	292	30.2	5,708	\$62.8	162.6	5.0	114.7	53.2	62.7	42,4	13.8	0.2	18.2	**	<u>~</u>	338.4	1,003.8

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

	House		Other residential	ntial	Total		,					Non-residential building	ntial build	gui					
2.	Number of dwelling	Value	Number of dwelling	_	Number of dwelling	Volue	Alterations and additions to residential	Hotels	:			Other business	Educa-		-2		Miscel-		Total
Period	units	(Sm)	units	(\$m)	units	(\$m)	buildings	ek;	Shops	Shops Factories	Offices	premises	tional	gious	Health	tionat	ianeous	Total	building
						۸۸	VALUE OF WORK DONE DURING PERIOD	KK 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	63.9	20.3	20.1	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	:	2,540.7	;	257.7	:	2,798.4	697.7	48.2	464.0	203.9	288.2	261.8	84.5	16.3	0.86	83.8	50.0	1,598.8	5,094.9
1994 Mar. qtr	:	561.0	:	62.3	:	623.4	149.8	6.3	70.6	46.3	68.7	38.8	21.3	3.0	24.0	24.1	11.1	314.2	1,087.3
June qtr	;	638.1	:	70.8	:	708.9	182.1	4.0	126.0	50.1	52.5	52.5	20.3	3.4	29.0	37.0	16.7	395.9	1,286.8
Sept. qtr	:	0.099	:	4.5.	;	735.4	178.8	13.5	107.5	52.7	51.8	56.5	23.2	4.6	21.4	22.6	14.6	367.2	1,281.4
Dec. qir	:	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. qtr r	:	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
June qtr	:	592.3	:	63.5	:	655.8	155.5	15.8	159.3	47.6	80.9	73.6	17.6	4.2	26.6	30.7	9.3	465.4	1,276.7
				ļ			VALUE OF WORK YET TO BE DONE	7ORK YET	дая од	ONE									
1992-93	:	461.0	:	49.4	:	510.5	84.1	12.4	36.4	76.2	0.77	30.9	9.6	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	:	476.4	:	169.0	;	645.4	148.9	153,9	123.0	45.3	55.6	40.9	25.7	7.4	32.7	301.6	11.8	798.0	1,592.3
1994 Mar. qtr	;	510.0	:	97.6	:	607.6	109.4	8.9	232.7	48.5	94.0	57.7	27.0	7.8	84.9	26.5	19.4	605.3	1.322.2
June qtr	:	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
Sept. qtr	:	548.5	:	77.6	:	626.1	140.6	155.8	172.7	40.2	8	125.5	17.7	8.6	74.9	232.8	14.3	910.1	1,676.8
Dec. atr	:	559.8	:	9.66	:	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. qtr c	:	504.0	:	183.7	:	587.7	130.2	169.7	169.6	42.0	8.53	72.9	13.0	0.6	48.7	255.8	9.4	845.9	1,663.8
June qtr	:	476.4	:	169.0	:	645.4	148.9	153.9	123.0	45.3	55.6	40.9	25.7	7.4	32.7	301.6	11.8	798.0	1,592.3

TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, VICTORIA

		~	New residential building	I building								Valu	Value (\$m)						
	Houses		Other residential buildings	ential	Total		'					Non-reside	Non-residential building	50					
		İ		3.			Alterations								4	Enter- tainment			
Period	Number of dwelling units	Value (Sm)	Number of dwelling units	Value (Sm)	Number of dwelling units	Value (Sm)	additions to residential buildings	Hotels etc.	Shops Factories	actories	Offices	Other business premises	Educa- tional	Reti- gious	Health	and recrea- tional	Miscel- laneous	Total	Total building
							Ď	COMMENCED	<u> </u>										
1992-93	1,084	6.99	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	6116	4.1	7.1	3.6	45.1	9.68	131.2	112.8	I	112.1	75.2	85.3	632.0	728.1
1994-95	208	36.3	535	36.7	1,043	73.0	2.9	0.5	7.7	10.7	122.6	45.6	186.6	i	74.4	152.4	18.6	619.2	695.1
1994 Mar. qtr	246	15.3	173	15.0	419	30.3	0.1	1	1.5	2.0	14.4	119.7	34.1	Į	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	4.0	36.0	11.0	4.3	31.8	ŧ	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	I	6,9	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	99.4	5.5	81.9	I	23.4	116.7	7.1	247.4	261.4
1995 Mar. qtr r	134	5.	207	15.6	341	24.7	0.2	0.3	0.5	0.1	54.7	32.0	33.4	1	21.4	5.7	1.4	149.4	174.3
June qtr	107	8.6	141	10.7	248	19.3	1.8	0,1	0.7	0.3	23,4	4.5	43.8	I	20.7	12.2	6.5	112.2	133,3
							UNDER CONSTRUCTION AT END OF PERIOD	CTION A	T END OF	PERIOD							:		
1992-93	724	42.4	521	40.9	1,245	83.2	1	9.5	1.8	20.2	6.33	54.0	102.4	ı	336.5	6.44	15.4	6.059	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	I	406.1	62.0	81.2	841.8	912.3
1994-95	288	20,0	511	39.0	799	69,0	4.5	0.5	3.8	51.2	54.5	145.4	147.9	I	143.0	148.8	31.9	726.9	790.4
1994 Mar. qtr	672	39.8	288	27.7	096	67.5	0.1	7.0	1.0	8.1	46.7	121.4	86.9	I	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	586	I	406.1	62.D	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	I	232.1	52.1	77.8	699.1	764.8
Dec. qtr	301	19.5	473	32.2	477	51.7	3.7	9.0	4.2	8.09	10.8	128.1	146.3	1	180.8	160.6	75.7	769.2	824.5
1995 Mar. qtr r	302	19.0	612	<b>4</b>	914	63.1	3.7	0.5	3.2	59.8	58.9	151.2	139.0	1	153.1	147.8	28.6	742.1	809.0
Jime qtr	288	20.0	511	39.0	799	59.0	4.5	0.5	3.8	51.2	54.5	145,4	147.9	1	143.0	148.8	31.9	726.9	790.4
								COMPLETED	8									:	
1992-93	618	39.9	899	42.6	1,286	82.5	D.7	3.5	10.4	135.5	1,095.8	21.7	157.1	l	46.2	34.0	44.1	1,548.4	1,631.5
1993-94	1,163	72.9	496	34.7	1,659	97.01	0.7	2.7	4.2	22.4	107.8	64.0	119.5	ı	33.3	55.8	23.9	433.6	541.8
1994-95	989	44.2	473	36.7	1,159	803	1.9	6.7	5.2	16.0	88.3	28,8	141.5	I	298.7	83.5	68.1	736.7	819.6
1994 Mar. qtr	291	19.4	105	6,8	396	26.2	0.2	l	9.0	1.0	10.8	47.0	34.0	ţ	2.3	16.2	2,4	114.2	140,6
June qtr	310	19.5	36	2.4	346	21.9	0.1	9.0	0.3	0.5	35.8	3.3	21.4	۱	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	1	160.3	28.9	7.9	250.2	269.4
Dec. gtr	178	12.3	132	12.1	310	24.4	5.0	6.1	6.0	0.1	45.8	3.5	29.6	I	71.7	18.8	7.9	184.4	209.4
1995 Mar. qtr r	133	10.0	89	3.9	20j	13.9	0.2	0.4	2.6	1.3	7.0	11.5	40.9	I	38.3	19.5	48.6	170.2	184.3
June qtr	121	7.7	242	15.8	363	23.5	1.0	0.1	0.2	6.0	26.0	10.3	38.1	1	28.3	16.2	8 8 1	132.0	156.5

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

		*	New residential building	building								Valu	Value (\$m)			:			
			Other residential	nsial	Total	İ				:		Non-residential building	ntial build	âu					
	Houses		oundings	,    -	T OFFICE		•									Fater			
							Afferations								•	tainmen!			
Period	Number of dwelling units	Value (5m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (5m)	additions to residential buildings	Hotels etc.	Shops 4	Shops Factories	Offices	Other business premises	Educa- tional	Reti- gious	Health	and recrea- tional	Miscel- laneous	Total	Totai building
						\$	VALUE OF WORK DONE DURING PERIOD	K DONE	DURING P	ERIOD									
1992-93	:	52.4	;	42.8	:	95.2	0.4	4.3	11.1	51.7	76.1	47.0	128,6	I	0,88	44.7	40.6	492.2	587.7
1993-94	:	70.1	:	28.8	;	6'86	1.4	5.6	4.1	19.0	72.8	31.7	105.2	1	169.2	73.9	54.5	536.0	636.3
1994-95	:	38.6	;	41.9	:	80.6	5.0	2.9	6.7	39.5	100.9	91.8	168.6	ţ	112.1	131.3	52.1	705.8	791.4
1934 <b>Mar. qt</b> r	:	16,2	:	7.2	;	23.4	0.1	1.2	0.7	4.7	18.7	7.9	27.9	I	38.2	13.0	6.1	118.5	141.9
June atr	:	14.8	;	8.9	;	21.6	0.7	1.5	9.0	0.6	16.1	6.6	29.5	1	40.7	23.2	26.0	156.9	179.2
Sept. qtr	:	12.7	:	9.3	:	21.9	1.2	1.0	1.6	5.7	19.7	7.1	26.1	I	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	í	29.9	31.4	15.8	190,8	211.5
1995 Mar. qtr r	;	7.3	:	7,00	:	16.1	1.1	0.3	1.6	8.8	12.2	37.6	46.9	I	22.5	33.4	7,5	170.8	188.0
June qtr	:	9.6	:	13.2	:	22.8	1.8	0.1	9.0	9.6	40.6	30.6	46.1	I	21.1	40.1	11.4	200.5	225.1
							VALUE OF WORK YET TO BE DONE	VORK YEI	TO BED	NE					!				
1992-93	:	21.8	:	17.9	   	39.6	I	7.6	6.0	1.9	16.5	7.4	35.4	1	166.0	26.1	5.2	267.0	306.7
1993-94	:	6.6	:	22.8	:	32.7	1.8	2.2	0.4	28.9	8.1	108.2	45.8	l	100.4	25.7	41.4	361.1	396.6
1994-95	:	8.5		16.8	:	25.3	0.7	0.1	1.5	15.5	28.6	68.1	68.8	ļ	26.2	64.9	8.1	281.7	307.7
1994 Mar. qtr	:	18.0	:	15.0	:	32.9	1	3.7	8.0	1.8	12.4	113.7	42.3	l	116.0	31.6	31.9	354.2	387.1
June qtr	:	6.6	:	22.8	:	32.7	2.8	2.2	0.4	28.9	8.1	108.2	45.8	1	100.4	25.7	41.4	361.1	396.6
Sept. qtr	:	7.9	:	17.4	:	25.2	1.7	4.1	2.1	46.5	24.9	107.7	47.9	1	67.9	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	ì	38.6	114.4	18.5	389.2	410.2
1995 Mar. qtr r	:	5.6	:	19.3	:	28.8	0.7	0.1	1.6	24.7	46.7	94.2	68.0	ŀ	0.02	87.7	12.5	364.4	393,9
June qtr	;	8.5	:	16.8	:	25.3	0.7	0.1	1.5	15.5	28.6	68.1	68.8	I	26.2	64.9	8.1	281.7	307.7
														-					

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

Now atter residential   Hotels, etc.   Sheps   Factories   C     1992-93						(Alle)	,						
New other residential   Patels, etc.   Shops   Face					:		Non-	Non-residential building	30				
143.9 25.4 162.8 290.0 179.3 413.5 404.7 291. 269.0 179.3 413.5 413.5 404.7 291. 269.0 106.2 2.8 104.7 27.7 165.1 82.2 35.4 86.1 12.4 1.2 84.8 86.1 124.1 6.2 44.4 124.1 16.5 70.3 210.2 173.3 400.8 311.8 164.6 458.6 174.2 380.5 205.8 167.3 380.5 205.8 167.3 380.5 205.8 167.3 380.5 205.8 167.3 380.5 205.8 167.3 380.5 205.7 219.7 21.4 146.2 229.0 9.4 29.0 62.3 3.4 104.3 84.7 74.1 84.2 27 60.2 94.4 84.7 74.1 84.2 27 60.2 94.4 84.7 74.1 84.2 27 60.2 94.4 84.7 74.1	Period	New other residential buildings (b)	Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Enterwin- ment and recreational	Miscellaneous	Total
143.9 25.4 162.8 290.0 179.3 413.5 404.7 29.1 269.0 106.2 2.8 104.7 72.7 163.1 82.2 54.2 3.4 35.4 86.1 1.2 84.8 140.3 124.1 6.2 44.4 124.1 16.5 70.3 110.2 173.3 400.8 110.2 173.3 400.8 110.2 209.8 174.2 380.5 205.8 167.3 387.9 164.6 458.6 110.7 457.2 110.7 457.2 110.7 141.6 33.0 265.7 219.7 219.7 214 146.2 243.2 29.0 9.4 29.0 62.3 3.4 104.3 110.3 140.3						COMMENCED	NCED						
290.0 179.3 413.5 404.7 29.1 269.0 106.2 2.8 104.7 72.7 163.1 82.2 269.0 106.2 2.8 104.7 72.7 163.1 82.2 3.4 35.4 86.1 1.2 84.8 86.1 1.2 84.8 104.4 124.1 16.5 70.3 210.2 173.3 400.8 210.2 173.3 400.8 205.8 174.2 380.5 205.8 174.2 380.5 205.8 174.2 380.5 205.8 174.2 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 174.5 380.5 205.8 205.	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
## 1947 29.1 269.0  106.2 2.8 104.7  72.7 163.1 82.2  54.2 3.4 3.5.4  86.1 1.2 84.8  140.3 18.3 104.4  124.1 6.2 44.4  124.1 16.5 70.3  125.1 16.5 70.3  126.2 173.3 400.8  311.8 164.6 458.6  120.2 173.3 400.8  209.8 174.2 380.5  209.8 174.2 380.5  209.8 167.3 387.9  1 300.7 180.7 457.2  311.8 164.6 458.6  458.6  219.7 21.4 146.2  2243.2 19.5 264.8  29.0 62.3 3.4 31.6  57.4 8.4 74.1  42.2 3.4 104.3	1993-84	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
106.2 2.8 104.7 72.7 163.1 82.2 54.2 3.4 35.4 86.1 1.2 84.8 14.4 140.3 18.3 104.4 124.1 6.2 44.4 124.1 6.2 44.4 124.1 16.5 70.3 311.8 164.6 458.6 196.5 167.3 380.5 205.8 167.3 380.5 205.8 167.3 380.5 205.8 167.3 380.5 205.8 164.6 458.6 205.8 164.6 458.6 205.8 164.6 458.6 205.8 164.6 458.6 205.8 164.6 458.6 205.8 164.6 458.6 205.8 164.6 458.6 205.8 164.6 458.6 205.8 164.6 458.6 205.8 164.6 205.7 205.8 164.6 205.7 205.8 263.8 263.8 205.8 263.8 205.	1994–95	404.7	29.1	269.0	168.1	330.1	160.5	205.8	11.3	90.I	212.2	43.8	1,520.0
72.7 163.1 82.2 54.2 3.4 35.4 86.1 1.2 84.8 140.3 18.3 104.4 124.1 6.2 44.4 124.1 16.5 70.3 210.2 173.3 400.8 311.8 164.6 458.6 173.3 400.8 209.8 174.2 380.5 209.8 264.8 219.7 214 146.2 243.2 19.5 264.8 57.4 8.4 74.1 84.9 26.3 34.1 104.3	1994 Mar. qtr	106.2	2.8	104.7	36.1	43.6	165.8	43.1	2.2	8.89	40.9	9.6	517.5
54.2 3.4 35.4 86.1 1.2 84.8 140.3 18.3 104.4 124.1 6.2 44.4 124.1 6.2 44.4 125.1 16.5 70.3 210.2 173.3 400.8 311.8 164.6 458.6 120.2 173.3 380.5 205.8 167.3 387.9 141.6 33.0 265.7 243.2 19.7 21.4 146.2 243.2 29.0 9.4 29.0 62.3 3.4 31.6 57.4 8.4 74.1 34.2 26.3 34.3 36.3	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
86.1 1.2 84.8 86.1 140.3 14.8 140.3 18.3 104.4 124.1 6.2 44.4 124.1 6.2 44.4 125.1 16.5 70.3 210.2 173.3 400.8 311.8 164.6 458.6 205.8 167.3 387.9 1 300.7 180.7 457.2 311.8 164.6 458.6 243.2 243.2 19.5 264.8 57.4 22.0 62.3 3.4 31.6 57.4 8.4 74.1 8.4 74.1 8.4 74.1	Sept. qtr	54.2	चे से स	35.4	42.2	64.6	35.8	36.2	2.2	39.8	24.3	4.8	292.2
140.3 18.3 104.4  124.1 6.2 44.4  123.1 16.5 70.3  210.2 173.3 400.8  311.8 164.6 458.6  209.8 174.2 380.5  205.8 167.3 387.9  1 300.7 180.7 457.2  311.8 164.6 458.6  243.2 29.0 9.4 29.0  62.3 3.4 31.6  57.4 22.7 60.2  94.4 8.4 74.1  104.5 104.3	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
124.1 6.2 44.4  123.1 16.5 70.3  210.2 173.3 400.8  311.8 164.6 458.6  196.5 13.6 326.0  210.2 173.3 400.8  209.8 174.2 380.5  205.8 167.3 387.9  141.6 33.0 265.7  243.2 19.7 21.4 146.2  243.2 29.0 9.4 29.0 62.3 3.4 31.6 57.4 8.4 74.1  42.2 43.2 49.3 4.9 26.3  44.2 74.1 104.3	1995 Mar. qtr c	140.3	18.3	104.4	30.8	<b>\$</b>	59.3	42.3	2.2	16.0	20.3	. X	398.1
UND  123.1 16.5 70.3 210.2 173.3 400.8 311.8 164.6 458.6 196.5 13.6 326.0 210.2 173.3 400.8 209.8 174.2 380.5 205.8 167.3 387.9 141.6 33.0 265.7 219.7 21.4 146.2 243.2 19.5 264.8 29.0 9.4 29.0 62.3 3.4 31.6 57.4 8.4 74.1 42.2 43.2 49.3	June qtr	124.1	6.2	4.4	32.7	91.8	28.1	65.3	1.8	18.3	24.2	15.3	328.1
123.1 16.5 70.3 251.9 210.2 173.3 400.8 94.3 311.8 164.6 458.6 71.7 196.5 13.6 326.0 82.7 210.2 173.3 400.8 94.3 209.8 174.2 380.5 92.5 205.8 167.3 387.9 111.8 300.7 180.7 457.2 92.1 311.8 164.6 458.6 71.7 219.7 21.4 146.2 297.4 243.2 19.7 21.4 146.2 297.4 243.2 29.0 9.4 29.0 26.5 57.4 2.7 60.2 42.9 94.4 84 74.1 43.6 242.2 34.9 26.3 53.0 242.2 34 104.3 56.2					UNDER CON	STRUCTION	ER CONSTRUCTION AT END OF PERIOD	SRIOD					
196.5 173.3 400.8 94.3 11.8 164.6 458.6 71.7 196.5 13.6 326.0 82.7 209.8 174.2 380.5 92.5 205.8 167.3 387.9 111.8 300.7 180.7 457.2 92.1 311.8 164.6 458.6 71.7 219.7 21.4 146.2 297.4 243.2 29.0 9.4 29.0 26.3 57.4 2.7 60.2 42.9 94.4 8.4 74.1 43.6 24.2 3.4 104.3 56.2	1992–93	123.1	16.5	70.3	251.9	861,5	6,401	108.3	13.7	388,8	53.9	83.9	1,953.9
196.5 164.6 458.6 71.7 196.5 13.6 326.0 82.7 210.2 173.3 400.8 94.3 209.8 174.2 380.5 92.5 205.8 167.3 387.9 111.8 300.7 180.7 457.2 92.1 311.8 164.6 458.6 71.7 219.7 21.4 146.2 297.4 243.2 29.0 9.4 29.0 26.5 57.4 2.7 60.2 42.9 94.4 8.4 74.1 43.6 24.2 34.6 33.6 24.2 3.4 104.3 56.2	1993-94	210.2	173.3	400.8	24.3	127.0	286.0	123.7	12.6	499.5	306.9	117.3	2,141.2
196.5 13.6 326.0 82.7 210.2 173.3 400.8 94.3 209.8 174.2 380.5 92.5 205.8 167.3 387.9 111.8 164.6 458.6 71.7 111.8 164.6 458.6 71.7 219.7 21.4 146.2 297.4 243.2 29.0 9.4 29.0 26.3 57.4 8.4 74.1 43.6 25.7 44.2 27.7 60.2 42.9 94.4 8.4 74.1 43.6 25.7 44.2 27.7 60.2 42.9 94.4 8.4 74.1 43.6 25.7 44.3 56.2 3.4 104.3 56.2	1994-95	311.8	164.6	458.6	71.7	215.0	298.0	155.9	13.8	212.5	488.9	52.0	2,131.0
10.2     173.3     400.8     94.3       209.8     174.2     380.5     92.5       205.8     167.3     387.9     111.8       300.7     180.7     457.2     92.1       311.8     164.6     458.6     71.7       141.6     33.0     265.7     346.2       219.7     21.4     146.2     297.4       240.2     9.4     29.0     26.9       62.3     3.4     31.6     26.9       94.4     8.4     74.1     43.6       42.2     3.4     104.3     56.2       34.0     3.4     104.3     56.2	1994 Mar. qtr	196.5	13.6	326.0	82.7	296.8	196.2	112.8	13.1	488.9	0.7.0	6.56	1,722.9
F 300.7 174.2 380.5 92.5 205.8 167.3 387.9 111.8 111.8 164.6 458.6 71.7 11.1 11.8 164.6 458.6 71.7 11.1 11.1 141.6 33.0 265.7 346.2 297.4 249.2 27.4 146.2 297.4 27.6 62.3 34.4 31.6 26.3 53.0 26.3 54.0 27.4 60.2 42.9 94.4 8.4 74.1 43.6 27.4 60.2 42.9 94.4 8.4 74.1 43.6 27.7 60.2 42.9 94.4 8.4 74.1 43.6 27.7 60.3 53.0 42.2 34.1 104.3 56.2	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
r 300.7 180.7 457.2 92.1 311.8 164.6 458.6 71.7 11.8 164.6 458.6 71.7 11.7 11.7 11.7 11.4 146.2 297.4 249.2 27.4 27.4 27.6 27.9 27.4 27.4 27.6 27.4 27.6 27.4 27.6 27.4 27.6 27.4 27.6 27.4 27.6 27.4 27.7 60.2 42.9 94.4 8.4 74.1 43.6 27.7 49.2 49.2 26.3 53.0 56.2	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
r     300.7     180.7     457.2     92.1       311.8     164.6     458.6     71.7       141.6     35.0     265.7     346.2       219.7     21.4     146.2     297.4       249.2     9.4     29.0     26.9       62.3     3.4     31.6     26.9       94.4     8.4     74.1     43.6       42.2     3.4     104.3     56.2	Dec. qtr	205.8	167.3	387.9	111.8	148.2	294.0	139.1	14.6	267.1	429.8	95.8	2,045.6
11.8 164,6 458,6 71.7  141.6 33.0 265.7 346.2  219.7 21.4 146.2 297.4  243.2 19.5 264.8 195.8  29.0 9.4 29.0 26.9  62.3 3.4 31.6 26.5  57.4 2.7 60.2 42.9  94.4 8.4 74.1 43.6  42.2 3.4 104.3 56.2	1995 Mar. qtr r	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
141.6 33.0 265.7 346.2 219.7 21.4 146.2 297.4 243.2 19.5 264.8 195.8 29.0 9.4 29.0 26.9 62.3 3.4 31.6 26.5 57.4 2.7 60.2 42.9 94.4 8.4 74.1 43.6 42.2 3.4 104.3 56.2	June գtr	311.8	164.6	458.6	71.7	215.0	298.0	155.9	13.8	212.5	488.9	52.0	2,131.0
141.6 33.0 265.7 346.2 219.7 21.4 146.2 297.4 243.2 29.0 9.4 29.0 26.9 62.3 3.4 31.6 26.5 57.4 2.7 60.2 42.9 94.4 8.4 74.1 43.6 42.2 3.4 104.3 56.2						COMPLETED	ETED						
219.7 21.4 146.2 297.4 243.2 19.5 264.8 195.8 29.0 9.4 29.0 26.9 62.3 3.4 31.6 26.5 57.4 2.7 60.2 42.9 94.4 8.4 74.1 43.6 42.2 3.4 104.3 56.2	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
243.2 19.5 264.8 1 29.0 9.4 29.0 62.3 3.4 31.6 57.4 2.7 60.2 94.4 8.4 74.1 r 49.2 4.9 26.3 42.2 3.4 104.3	1993-94	219.7	21.4	146.2	297.4	1,021.5	183.8	159.3	15.3	82.9	113.3	9.69	2,110.8
29.0 9.4 29.0 62.3 3.4 31.6 57.4 2.7 60.2 94.1 8.4 74.1 8.4 74.1 8.2 26.3 42.2 3.4 104.3	1994–95	243.2	19.5	264.8	195.8	252.8	174.1	179.6	6.6	345.7	101.8	108.7	1,652.5
62.3 3.4 31.6 57.4 2.7 60.2 94.4 8.4 74.1 r 49.2 4.9 26.3 42.2 3.4 104.3	1994 Mar. qtr	29.0	4,6	29.0	26.9	485.7	73.1	4.44	5.4	15.2	16.0	12.0	718.9
57.4 2.7 60.2 94.4 8.4 74.1 49.2 4.9 26.3 42.2 3.4 104.3	June qtr	62.3	4.5	31.6	26.5	212.3	37.2	27.3	2.4	19.5	59.5	16.9	436.6
94.4 8.4 74.1 49.2 4.9 26.3 42.2 3.4 104.3	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
r 49.2 4.9 26.3 42.2 3.4 104.3	Dec. qtr	4.46	8.4	74.1	43.6	82.5	43.9	57.9	2.8	£.7	23.2	11.6	44.7
42.2		49.3	4.9	26.3	53.0	54.2	53.0	46.9	2.3	46.2	21.8	54.2	362.8
	June qtr	42.2	3.4	104.3	56.2	77.8	47.6	38.0	1,9	43.1	23.1	10.7	406.1

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

						Non-	Non-residential building					
Period	New other residential buildings (b)	Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Emertain- ment and recreational	Miscellaneous	Total
				VALUE OF	WORK DON	LUE OF WORK DONE DURING PERIOD	GOD					
1007_03	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
1903–94	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	278.8	32.2	425.4	173.8	349.4	319.2	194.6	12.0	172.3	192.6	77.9	1,949.6
1964 Mar oft	8.78	5.2	919	30,2	81.2	38.2	39.5	2.7	53.0	33.7	13.7	359.1
June off	72.3	7.1	116.1	35.9	59.7	53.0	41.0	2.6	54.7	26.0	35.7	461.8
Sent of	78.8	12.1	93.3	39.4	62.1	55.2	38,9	2.8	49.3	4.44	24.0	421.5
Dec. of	75.0	4.2	89.3	53.0	108.6	76.8	55.4	2.6	49.4	43.5	22.3	505.1
1005 Mer atr r	635	5.6	88.3	4	70.5	88.6	54.0	3.7	37.3	41.6	13.9	448.0
June qtr	8.69	10.3	154.5	37.0	108.2	7.86	46.2	3.0	36.3	63.0	17.7	574.9
				VALUE	OF WORK Y	VALUE OF WORK YET TO BE DONE	TE TE					
1902 03	53.0	6.6	75.1	29.9	113,2	22.7	0.65	5.7	177.5	37.2	28.9	555.9
1003_04	107.3	162.7	218.0	37.0	83.0	239.0	8.95	9.9	154.1	263.2	51.9	1,272.3
1994–95	176.9	141.3	116.9	36.6	74.7	106.0	75.4	6.3	43.6	355.5	17.6	973.8
1004 Mar oft	103.5	1.9	227.7	34.8	100.2	165.0	59.7	7.3	178.7	49.8	49.3	879.1
June atr	107.3	162.7	218.0	37.0	82.9	239.0	8.98	9.9	154.1	263.2	51.9	1,272.3
Sent. off	85.6	154.3	165.5	38.7	88,3	225.8	55.9	0.9	118.2	244.5	36.2	1,133.4
Dec. atr	101.5	151.5	158.5	48.8	54.6	188.5	63,4	0.6	81.3	355.1	27.7	1,138.4
1005 Mar oft r	192.7	2,451	165.7	37.7	88.6	163.6	52.6	7.3	62.0	336.2	20.0	1,098.0
June qtr	176.9	141.3	116.9	36.6	74.7	106.0	75.4	6.3	43.6	355.5	17.6	973.8

(a) Data relating to new houses and afterations and additions to houses are available at the State level only (see Explanatory noics, 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 

Total 307.7 354.6 349.4 57.3 109.9 76.6 118.5 71.3 241.2 215.5 242.2 169.6 215.5 224.2 226.6 222.9 242.2 247.9 384.5 329.3 100.5 62.5 79.8 121.6 63.7 64.2 32.1 31.1 13.0 3.4 17.7 1.7 1.7 6.6 6.6 2.3 23.9 6.22 6.3 6.7 6.7 7 6.3 8.4 8.8 30.5 30.5 31.0 1.8 2.3 6.4 6.4 9.1 Miscellaneous 23.0 27.1 22.4 6.4 6.4 2.5 3.5 7.5 7.5 7.5 ment and recreational 31.4 27.5 27.6 2.9 1.5 5.7 5.7 5.7 5.1 1.1 18.3 13.9 13.9 14.6 15.2 14.6 Enterian 38.9 30.4 40.0 6.4 5.7 3.7 11.9 16.0 16.0 23.8 40.4 40.4 36.5 37.9 40.4 20.2 30.5 30.5 30.5 Health 46.8 48.0 48.0 10.3 7.2 7.2 1.4 14.4 10.8 35. 2.14 2.15 2.16 2.17 2.17 2.18 2.18 2.4.5 2.2.2 0.8 0.3 0.1 0.1 0.1 Religious Non-residential building 48.6 47.6 47.6 11.5 10.4 8.3 8.3 12.2 13.2 13.2 30.3 39.5 65.6 7.8 8.4 8.4 10.8 7.0 7.0 Educational UNDER CONSTRUCTION AT END OF PERIOD business premises 27.0 37.6 32.7 8.0 6.4 11.4 11.2 5.1 13.0 7.6 7.7 7.7 7.7 7.7 7.7 28.9 38.5 38.3 38.3 10.7 6.9 6.9 10.5 11.8 COMMENCED COMPLETED 35.2 35.5 5.3 6.1 8.0 8.0 8.0 8.0 Offices 26.0 31.6 45.3 5.8 7.1 7.1 10.8 5.4 5.4 9.9 16.3 13.8 20.4 12.7 12.3 15.3 23.3 20.4 34.2 126.5 54.8 50.9 13.2 13.6 29.6 6.0 93.9 88.1 40.6 6.8 6.8 45.4 14.0 5.1 6.1 95.9 70.8 71.1 40.7 70.8 85.4 61.4 61.6 Factories 26.6 43.1 42.9 10.4 13.2 16.8 11.6 6.8 Shops 8.7 14.9 12.6 15.6 14.9 14.0 15.5 12.7 24.1 36.2 46.8 5.7 5.7 13.6 9.1 6.2 10.7 9.1 13.7 10.7 11.1 3.5 3.5 3.5 3.5 3.5 10.6 13.1 28.9 1.5 1.5 2.2 2.2 3.1 9.3 3.0 12.6 14.1 5.0 5.0 5.0 5.0 5.0 6.1 6.1 8.2 2.9 9.5 9.5 Hotels, etc. 28.8 13.4 20.2 6.6 6.3 6.3 5.5 4.8 New other residential buildings (b) 27.0 19.0 19.0 17.2 16.1 16.1 19.0 Mar. qtr r June qtr 1994 Mar. qtr June gtr Sept. qtr Dec. qtr 1995 Mar. qtr 1 June qtr 1994 Mar. qtr June qtr Sept. qtr Dec. qtr Mar. qtr 1994 Mar. qtr June qtr Sept. qtr Dec. qtr 1993-94 1994-95 1992–93 1993–94 1994–95 1993-94 1994-95 1992-93 1992-93 Period 1995 1995

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

						Non-	Non-residential building					
Period	New other residential buildings (b)	Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertain— ment and recreational	Miscellaneous	Total
				VALUE OF	WORK DON	UE OF WORK DONE DURING PERIOD	qop					
1992–93	¥.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	7.47	22.2	349.5
1994-95	20.8	18.9	45.2	69.5	39.6	¥ 4	58.5	4.3	37.8	22.5	24.2	355.0
1994 Mar. qtr	8,9	2.3	9'6	20.7	6.1	8.5	9.7	0.3	9.3	3.3	3.6	73.5
June atr	5,3	c;	10.8	23.2	8.9	9.4	90 90	8.0	15.0	4.3	7.1	6.06
Sept. 9fr	5.8	2.5	15.8	18.9	9,4	8.4	10.4	0.7	10.8	4.6	7.9	4.68
Dec. qtr	4.5	3.1	17.4	18.9	8.0	13.9	17.8	1.1	6.3	4.7	<b>6</b> '6	100.6
1995 Mar. 9tr r	3.7	7.7	6.5	4.1	6.8	6.5	12.8	1.3	9.3	5.6	4.0	74.1
June qt	6.9	5.6	5.6	20.3	13.3	5.5	17.4	1.3	11.3	7.7	3.0	6.06
				VALUE	OF WORK Y	ALUE OF WORK YET TO BE DONE	<u> </u>					
1992–93	0.01	6.6	. 80 £.30	32.8	5.7	6.7	8.7	1.2	11.1	7.2	 60	95.1
1993_94	6.8	2.1	<b>∞</b>	38.3	4,5	C) #	9,4	9.0	14.7	5.5	13.2	100.9
1994-95	8.8	12.7	7.7	24.2	9.5	3.0	1.61	1.2	15.3	11.0	2.3	105.9
1994 Mar. qtr	9.1	3,8	5.9	15.4	6.2	6.4	9.6	0.5	22.7	8.3	2.0	80.3
June qtr	6.8	2.1	8,4	38.3	4.5	4.2	9.4	9.0	14.7	5.5	13.2	100.9
Sept. qtr	4.6	2.9	9.3	47.9	6.1	7.4	7.6	8.0	4.6	6.7	9.9	101.9
Dec. 9tr	10.3	<b>4</b> .6	4.1	34.7	3.6	4 <del>.</del> 8.	35.1	1.5	20.6	7.7	3,8	125.3
1995 Mar. qtr r	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	8.8	12.7	7.7	24.2	9.5	3.0	19.1	1.2	15.3	11.0	2.3	105.9

(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, senti-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

		House	es .			Tota	I	
	Privat sector		Total		Privat sector		Total	
Period	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
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 r	5,931	6,896	6,038	7,128	6,531	7,627	6,833	7,959
June qtr	5,549	5,270	5,635	5,389	6,487	5,417	6,776	5,807

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

	New re	esidential building		Alterations and	Non-residential bu	ilding	
Period	O Houses	ther residential buildings	Total	additions to residential buildings	Private sector	Total	Total building
1994 Mar. qtr	619.4	74.1	692.2	163.3	358.1	497.6	1,365.3
June qir	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 r	625.9	62.7	687.1	177.8	400.5	600.7	1,475.B
June qtr	592.4	<b>75.</b> 2	668.1	154.2	419.4	604.5	1,438.9

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

(\$ million)

			(# ZILIZIIOIA)	·		<del></del>	
	New re	sidential building	_	Alterations and	Non-residential bi	uilding	
Period	O Houses	ther residential buildings	Total	additions to — residential buildings	Private sector	Total	Total building
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	2,294.7	515.5	2,810.2	626.4	1,538.0	2,300.1	5,736.7
1994 <b>M</b> ar. gtr	559.3	140.6	699.9	148.B	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	320.8	457.5	1,312.2
Dec. qtr	662.8	111.7	774.5	170.0	459.6	764.7	1,709.2
1995 Mar. qtr r	481.9	174.2	656.1	145.5	392.6	575.9	1,377.5
June qtr	522.9	155.3	678.2	157.6	365.0	502.0	1,337.8

<sup>(</sup>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)

			(\$ million)				
	New re	sidential building		Alterations and additions to	Non-residential bi	ilding	
Period	O Houses	ther residential buildings	Total	residential buildings	Private sector	Total	Total building
			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	2,376.6	365.0	2,741.6	647.4	1,976.5	2,848.9	6,237.9
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	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. qtc r	535.2	71.6	8.606	149.7	433.7	644.6	1,401.1
June qtr	549.2	92.4	641.6	143.5	570.3	816.0	1,601.1
		SEA	SONALLY ADJ	USTED		-	
40043 for the	579.5	92,9	671.2	152.8	453.3	629.9	1,460.7
1994 Mar. qtr	601.6	94.7	696.8	168.0	449.2	631.9	1,510.0
June qtr	623.3	106.5	728.5	171.2	452.7	628.6	1,525.3
Sept. qtr Dec. qtr	636.2	91.0	728.8	172.2	514.0	<b>73</b> 9.7	1,619.6
1995 Mar. qtr r	574.2	76.3	649.1	163.1	494,4	741.6	1,557.
June qtr	540.5	90.6	631.6	140.7	513.9	740.7	1,534.1

<sup>(</sup>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

		Pn	ivate sector			i	Public sector			Total	
Period .	Contractor- built	Houses Other	Total	Other residential buildings	Total	House <b>s</b>	Other residential buildings	Total	Houses	Other residential buildings	Tota
•	,			COM	MENCED						
1992-93	17,525	7,107	24,633	2,155	26,788	1,084	283	1,367	25,717	2,438	28,15:
1993-94	21,678	5,292	26,970	3,130	30,100	934	432	1,366	27,904	3,562	31,46
1994-95	19,936	5,386	25,322	3,065	28,387	508	535	1,043	25,830	3,600	29,43
1994 Mar, qtr	5,393	1,049	6,442	971	7,413	246	173	419	6,688	1,144	7,83
June qtr	5,655	1,243	6,899	677	7,576	110	205	315	7,009	882	7,89
Sept. qtr	5,884	1,075	6,959	611	7,570	139	96	235	7,098	707	7,80:
Dec. qtr	6,049	1,344	7,393	818	8,211	128	91	219	7,521	909	8,43
1995 <b>Maz,</b> qtr r	4,356	1,004	5,360	722	6,082	134	207	341	5,494	929	6,42
June qtr	3,648	1,963	5,611	914	6,525	107	141	248	5,718	1,055	6,77
		ι	INDER C	ONSTRUCI	ION AT E	ND OF PE	ERIOD				
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	14,71
1994-95	5,667	5,273	10,940	2,323	13,263	288	511	799	11,228	2,834	14,06
1994 Mar. qtr	6,628	5,031	11,659	1,961	13,620	672	288	960	12,331	2,249	14,58
June qtr	6,920	4,973	11,893	1,898	13,791	469	457	926	12,362	2,355	14,71
Sept. qtr	7,204	4,920	12,124	1,833	13,957	353	518	871	12,477	2,351	14,82
Dec. qtr	7,091	4,539	11,630	1,786	13,416	301	473	774	11,931	2,259	14,190
1995 Mar. qtr r	6,476	4,302	10,778	1,994	12,772	302	612	914	11,080	2,606	13,68
June qtr	5,667	5,273	10,940	2,323	13,263	288	511	799	11,228	2,834	14,062
				COM	PLETED					· · · · · · · · · · · · · · · · · · ·	
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	30,32
1994-95	21,256	4,896	26,152	2,338	28,490	686	473	1,159	26,838	2,811	29,649
1994 Mar. qtr	4,609	1,088	5,697	428	6,125	291	105	396	5,988	533	6,52
June qtı	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	7.68
Dec. qtr	6,161	1,667	7,828	863	8,691	178	132	310	8,006	995	9,00
1995 Mar. qtr r	5,053	1,125	6,178	512	6,690	133	66	201	6,311	580	6,89
June qtr	4,441	975	5,416	292	5,708	121	242	363	5,537	534	6,07

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

	47474	New residential	building		Value	
Ownership and stage of construction	Houses Number	Value	Total Number of dwelling units	Value	Alterations and additions to residential buildings	Total building
	Pl	NVATE SECTO				оиниль
Commenced	2.8	3.0	2.4	2.5	2.9	1.5
Under construction at end of period	2.9	2.9	2.4	2.3	2.8	1.0
Completed	4.5	5.0	- 4.3	4.7	4,5	2.6
Value of work done		2,8	1.5	2.5	3.0	1.3
Value of work yet to be done	• •	3.8	••	2,8	2.9	1.1
	TOTAL PRIVA	ATE AND PUB	LIC SECTORS			
Commenced	2.8	3.0	2.3	2.4	2.9	1.4
Under construction at end of period	2.8	2.9	2.2	2.2	2.7	0.8
Completed	4.4	4.9	4.1	4.5	4.5	2.2
Value of work done		2.7		2.4	3.0	1.1
Value of work yet to be done		3.7		2.7	2.8	1,0

#### **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.
- 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.
- Religious. Includes churches, chapels, temples.
- (j) Health. Includes hospitals, mirring homes, surgeries, clinics, medical centres.
- (k) Entertainment and recreational. Includes clubs, theatres, cinemas, public halls, gymnasiums, grandstands, squash courts, sports and recreation centres.
- (1) 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

- 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 arc 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.
- Since seasonally adjusted statistics reflect both irregu-23. lar 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 conunencements 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)

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

CHRIS LIBRERI
Acting Deputy Commonwealth Statistician



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