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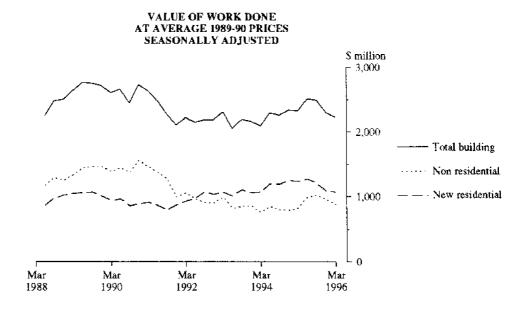
# BUILDING ACTIVITY, NEW SOUTH WALES MARCH QUARTER 1996

#### SUMMARY OF FINDINGS

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

	% chang	e on
	Dec. quarter 1995	Mar. quarter 1995
New residential building Alterations and additions	-1.6	-13.4
to residential buildings	4.9	4.5
Non-residential building	-8.2	6.3
Total building	-3.2	-4.4

- In seasonally adjusted average 1989-90 prices, the value of work done on new residential building during the March quarter declined by 1.6% to \$1,072.0 million. Work done on alterations and additions to residential buildings rose to \$259.6 million or 4.5% more than a year earlier.
- Non-residential building fell 8.2% from the previous quarter to \$880.5 million but this was still 6.3% above that of a year earlier.
- The total value of work done during the quarter was down 3.2% to \$2,228.7 million.



#### **INQUIRIES**

- for more information about statistics contained in this publication, the availability of related unpublished statistics and other ABS statistics and services, please contact Information Inquiries on Sydney (02) 268 4611 (fax (02) 268 4668), call at St Andrews House, Sydney Square, Sydney 2000 or write to Information Inquiries, ABS, GPO Box 796, Sydney NSW 2001 or any ABS State office.
- for more detailed information about these statistics, contact Rex Porter on Adelaide (08) 237 7316 or any ABS State office.

#### **SUMMARY OF FINDINGS** – continued

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

	% chang	ze on
	Dec. quarter 1995	Mar. quarter 1995
New residential building Alterations and additions	15.8	-13.1
to residential buildings	-10.3	1.3
Non-residential building	8.4	-31.6
Total building	9.6	-21.0

- In average 1989–90 prices, commencements of new residential buildings rose by 15.8% for the quarter to \$1,051.6 million. The increase was attributable to a 43.0% jump to \$485.4 million in commencements of other residential buildings.
- For non-residential building, the value of work commenced was up 8.4% for the quarter to \$906.6 million. Other than for the March quarter 1995, this was the highest level since the March quarter 1993.
- The total value of all building work commenced rose by 9.6% for the March quarter to \$2,164.1 million.

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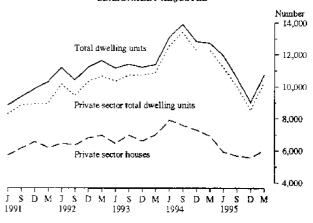
#### Number of dwelling units commenced, seasonally adjusted

	% chang	ge on
	Dec. quarter 1995	Mar. quarter 1995
Private sector houses	8.5	-12.8
Private sector dwelling units	20.5	-16.5
Total dwelling units	19.4	-15.6

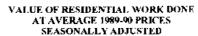
- In seasonally adjusted terms, the total number of dwelling units commenced during the March quarter rose 19.4% to 10.752. The increase follows five successive quarterly declines since the September quarter 1994 which had been the highest since 1980–81.
- Within the private sector, the number of houses commenced rose by 8.5% to 6,042 while the total number of dwelling units commenced rose 20.5% to 10,264.

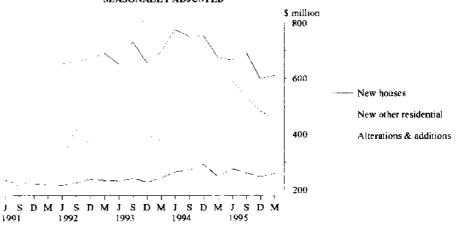
#### Original data



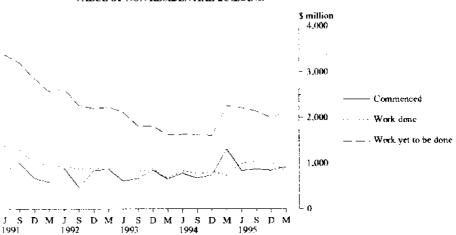


- The total value of building work done during the March quarter 1996 was down 15.9% to \$2,138.1 million. This was the result of decreases in the residential and non-residential sectors of 14.0% and 18.8% respectively.
- Total building work commenced was up 9.3% to \$2,263.2 million, with the value of residential commencements up 9.7% and non-residential up 8.8%.
- The total number of dwelling units commenced rose 2.9% to 9,564. Commencements of new houses were down 6.7% while other residential dwelling units were up 18.9%.
- Work yet to be done on jobs under construction at the end of the quarter increased by 5.1% to \$4,177.2 million or 1.95 times the work done during the quarter.





#### VALUE OF NON RESIDENTIAL BUILDING



#### VALUE OF NON RESIDENTIAL WORK DONE

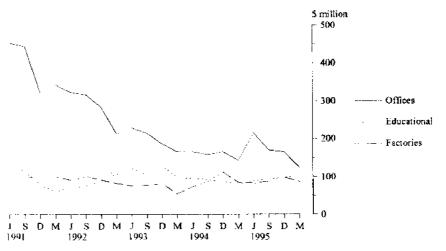


TABLE 1. SUMMARY OF BUILDING ACTIVITY, NSW

					74	7	TABLE L'SUMMENT OF DOLLDING ACTU				140 77								
	:	V	New residential building	d building								Value (Sm)	(Sm)						
-	Houses		Other residential buildings	lential gs	Total	,	,				7	Non-residential building	pial buildin	60					
Period	Number of dwelling units	Vaiue (3m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings	Hotels efc.	Shops Fa	Factories	h Offices pu	Other business f premises	Educa- 1 rional 8	Reli- gious H	E tain rec Health t	Enter- tainment and recrea- M tional la	Miscel- laneous	Total	Total building
							β	COMMENCED	e e										
1992-93 1993-94	27,397	3,062.9	17,064	1,366.8	44,461	4,182.6	944.6	109.9	415.8	294.4	518.3 603.2	243.9				175.2 247.0		2,798.7	8,561.9
1994-93 1994 Dec. qtr	7,486	3,090.1	23,271 5,762	2,349,3	51,493	3,439,4 1,439,9	363.3	69.4 29.7	610.7	395.1 74.2	526.8 126.5	4525 83.3	101.0	51.12 8.9	. 6.66 76.6	52.7	216.9 118.5	3,378.2	2,549.1
1995 Mar. atr	6.137	691.3	\$ 204	\$62.2	11,341	1,253.5	223.8	14.0	287.9	685	146.9	161.3	89.1	7.1	115.3	403.3	26.2	1.310.1	2,787.4
June qtr	6,343	718.8	5,823	539.0	12,166	1,257.8	258.1	15.0	94.1	160.8	160.8	153.8				92.6		838.5	2,354.4
Sept. qtr Dec. qtr r	6,111 5,791	714.8 637.3	3,500	599.6 333.6	11,168 9,291	1,314.4 971.0	269.4 256.8	22.0 13.5	190.8 122.6	76.5 88.5	115.5 170.2	200.7 133.4	6.77 69.7	24.8 4.0	17.9 128.7	119.9 87.1	21.8 24.6	857.8 642.5	2,451.6
1996 Man. qtr	5,401	638.1	4,163	479.1	9,564	1,117.1	229.4	161.5	115.8	102.2	113.8	148.4	119.8	6.2	49.5	75.3	24.0	916.6	2,263.2
						IONU	UNDER CONSTRUCTION AT END OF PERIOD	CTION A	I END OF I	ERIOD									
1992-93 1993-94	15,716 15,925	1,767.0	12,198	1,147.3	27,914	3,090.2	595.9	348.6 165.1	701.4		1,676.9 834.2	185.0 174.9	1			363.7 375.2		4,704.6	8,214,7
1994-95	14,334	1,778.7	17,079	1,990.5	31,413	3,769.2	803.9	120.4	775.2	369.4	678.0	404.1	314.3	34.8	817.7	586.1	211.6	4,311.6	8,884.7
1994 Dec. qtr	15,279	1,791.5	16,061	1,791.3	31,340	3,582.8	807.0	126.0	447.1	271.6	630.6	169.1	7.662	27.3	155.7	172.2	257.3	3,156.7	7,546.5
1995 Mar. qtr	14,952	1,792.7	17,299	2,016.7	32,251	3,809.4	805.4	122.8	678.8	277.0	682.1	291.2				528.0		3,936.5	8,551.3
June qtr Sept. qtr	13,192	1,680.2	16,776	2,092.6	31.41.3 29,968	3,772.8	893.9 685.8	120.4	7.5.7 906.8	369.4 281.5	6.629.9	404.1 535.0				590.2		4,311.6 4,445.0	8,884.7
Dec. qtr r	12,113	1,470.5	14,873	1,865.3	26.986	3,355.8	628.6	122.0	571.1	287.6	567,4	556.7	298.7	8. 8.	847.2	598,4	184.9	4.078.6	8,062.9
1996 Mar. qtr	11,913	1,471.5	14,638	1,936.7	26,551	3.408.2	623.4	269.4	586.7	335.4	556.8	623.0	313.5	45.3 8	875.8	590.2	175.4	4,371.5	8,403.2
							Ŏ	COMPLETED	D										
1992-93 1993-94	27,182	2,826.4	15,840	1,332.8	43,022	4,159.1	964.9	471.1	414.8	400.8	1,204.3	595.8 306.1	362.0 401.6	45.0 2 27.0 1	205.8	189.6 233.7	123.4 175.0	4,012.5	9,136.6
1994-95	29,295	3,168.8	18,054	1,608.8	47,349	4,777.6	1,081.7	113.7	411.6		720.2	237.3				452.3		3,117.1	8,976.4
1994 Dec. qtr	8,561	922.3	4,347	348.3	12,908	1,270.6	304.3	61.7	137.6	86.1	143.9	80.0	129.6	13.3	137.2	100.1	24.6	914.1	2,489.0
1995 Mar. qtr	6,241	692.6	3,719	327.6	096'6	1,020,1	245.7	18.7	92.1	53.4	100.9	34.2	110.9	4.6	38.4	53.5	75.3	582.0	1,847.7
June gtr Sept of r	6,826	732.7	5,632	568.9	12,458	1,301.6	278,7	18.6	63.5	78.2 165.5	169.9	59.6 75.0	56.2 100 5	6.2 5.2		65.9	26.3	588.3	2,168.6
Dec. qtr r	6,790	849.9	5,360	260.0	12,150	1,409.9	329.3	20.1	463.1	80.8	212.2	119.1	59.2		112.9	34.5		1,224.4	2,963.6
1996 Mar. qtr	5,546	645.0	4,273	424.3	9.819	1,069.3	252.6	14.4	102.7	55.3	133.2	93.6	113.9	6.1	30.3	83,4	35.0	0.899	1,989.8

TABLE I. SUMMARY OF BUILDING ACTIVITY, NSW—continued

		<	New residential building	d building								Valu	Value (Sm)						
-			Other residential	tential	F							Non-reside	Non-residential building	86			ļ		
Period	Houses Number of dwelling units	Value (3m)	Outlangs  Number of dwelling units	Value (Sm)	ioiai Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings	Hotels etc.	Shops	Shaps Factories	Offices	Other business premises	Educa- tional	Reli- gious	to Health	Futer- tainment and recrea-	Miscel- laneous	Total	Total building
						, X	VALUE OF WORK DONE DURING PERIOD	W DONE	DURING	PERIOD									
1992-93	;	2,850,2	;	1,403.9	:	4,254.1	60066	133.0	450.9	350.1	1,041.8	295.8	393.3	4.5	322.7	269.3	148.6	3,450.0	8,695.0
1993-94		3,092.2	:	1,466.3	:	4.558.6	1.055.5	95.2	450.1	286.7	732.9	314.2	425.7	35.2	377.8	347.7	137.8	3,203.2	8,817.2
1994-95	:	3,151.5	:	1,989.3	:	5,140.7	1,207.3	95.1	579.0	367.4	682.9	318.1	346,6	32.1	392.8	352.2	176.9	3,343,3	9,691.3
1994 Dec. qtr	;	876.3	:	489.3	:	1,365.6	355.9	23.3	148.3	112.7	166.3	58.9	8.6.8	8.1	8.88	70.0	49.2	812.5	2,534.0
1995 Mar. qtr	:	684.3	:	501.9	:	1,186.2	243.0	15.6	133.5	84.3	142.7	70.2	78.8	7,0	102.3	75.0	39.7	749.1	2.178.3
June qtr	:	743.4	:	565.8	:	1,309.2	298.6	21.8	166.7	83.2	215.4	127.1	9'68	7.6	125.6	119.9	44.5	1,001.4	2,609.3
Sept. qtr	:	794.1	:	532.8	:	1,326.9	301.1	16.8	209.5	89.2	170.3	188.8	4.46	4,	79.0	144.7	43.5	1,045.6	2,673.6
Dec. qtr r	:	712.0	:	508.0	;	1,220.0	307.7	23.6	224.2	99.1	165.6	145.9	6.66	10.0	91.3	107.8	47.9	1,015.2	2,543.0
1996 Mar. qtr	:	628.1	:	427.2	: -	1,055.3	258.4	25.9	129.3	86.4	124.1	139.2	102.7	10.8	7.07	7.66	35.5	824.4	2.138.1
							VALUE OF WORK YET TO BE DONE	VORK YEI	TO BE I	ONE									
1992-93	:	780.7	:	6,909	:	1,390.0	246.9	308.8	305.2	134.0	593.9	95.7	188.2	10.8	254.4	190.7	34.4	2,116.0	3,753.0
1993-94	:	814.8	;	667.5	:	1,482.3	285.4	110.6	302.9	114.2	378.I	6116	153.1	16.6	297.3	93.3	72.4	1,630.3	3.398.0
1994-95	:	8008	:	1,093.5	;	1,900.3	321.2	85.5	448.9	181.9	298.9	241.6	158.3	16.6	263.7	404.9	115.5	2,216.0	4,437.5
1994 Dec. qtr	:	796.9	:	1,031.7	:	1,828.6	327,4	91.1	264.4	116.4	318.0	109.3	144.8	13.9	346.1	66.3	142.4	1,612.6	3,768.6
1995 Mar. qtr	:	823.6	:	1,100.9	:	1,924.5	330.9	91.1	454.9	94.3	346.3	196.3	164.2	14.3	357.8	400.7	130.2	2,250.2	4,505.6
June atr	:	8008	:	1,093.5	:	1,900.3	321.2	85.5	448.9	181.9	298.9	241.8	158.3	16.6	263.7	6.404	115.5	2,216.0	4,437.5
Sept. qtr	:	741.8	:	1,189.1	;	1,930.9	293.7	92.1	449.6	170.6	301.9	261.7	144.5	32.5	210.4	382.4	92.8	2,141,5	4,366.1
Dec. qtr r	:	679.3	:	1,041.9	:	1,721.2	258.6	81.3	353.0	159.0	294.2	256.7	117.5	56.6	255.8	377.9	74.0	1,995.9	3,975.7
1996 Mar. qtr	:	701.6	:	1,094.9	;	1.796.5	247.9	217.2	342.0	175.8	292.8	277.4	143.4	22.8	244.1	353.4	63.9	2,132.8	4,177.2
	The second secon	Ties and	13	and of the	money on most of the assessment of		independent healther and observations and obtained an entiting building concessions to duraffice units) are recluided from this table. There	a and alter	ben more	and alternation	ed estima ha	Stainer (incl	Judino colon	or shorts to	Aurelling	mile Lare	· voluded for	om this tab	There

NOTE: The number of self-contained dwelling units commenced as part of the construction of non-residential building and attentions and additions to existing buildings (including conversions to dwelling units) are excluded from this table. There were 157 such dwelling units cummenced in the March quarter 1996.

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, NSW

				•	TODATE TOO	7.77.77													
		<	New residential building	t building								Value (Sm)	(Sm)						
-	Houses		Other residential buildings	fential gs	Total		'					Non-residential building	tial buildin	20					
Period	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (3m)	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings	Hotels etc.	Shops Factories		b Offices pi	Other business E premises	Educa- I tional g	Reti- gious H	tair tair re Health	Enter- tainment and recrea- M tional la	Miscel- laneous	Total	Total building
							)   	COMMENCED	l a										
1992-93	26,554	2,734.1	14,225	1,163.3	40,779	3,897.4	939.1	107.9	378.7	290.8	349.3	189.7				134.5		1,734.8	6,571.2
1993-94 1994-95	28,547	3,003.6 3,042.6	16,385 21,513	1,374.8 2,229.1	44,932 49,260	4.378.4 5,271.6	1,050.4	89.2 66.9	433.2 595.3	250.6 370.5	379.7 379.8	328.5 320.7	85.0 126.0	31.1	943	205.5 565.5	84.3	2,020.3 2,637.1	9,052.2
1994 Dec. qu	7,382	794.2	5,523	618.9	12,905	1,413.1	361.0	27.5	66.8	68.4	114.4	49.3	45.5	6,3	16.8	44.5	26.4	468.6	2,242.7
1995 Mar. qtr	060'9	686.7	4,922	543.4	11,012	1,230.1	221.8	14.7	286.4	57.3	105.7	137.9	26.7	7.1		394.6		1,098.4	2.550.4
June qu	6,203	704.4	5,120	489.3	11.323	1,193.6	256.8	14.8	4.06	159.2	4.88.4 4.05	86.9 176.4	29.7	9.4 8.45	11.5	87.1 97.8	17,8	595.0 716.5	2,045.4
ospr. 44 Dec. qtr r	5,630	619.6	3,310	320.7	8,940	940.3	255.7	13.5	117.4	67.80 87.80	146.5	114.9		6. 4. 0.	14.7	813	16.3	630.7	1,826.7
1996 Mar. qtr	5,315	629.0	3,868	456.4	9,183	1,085.3	228.3	160.8	109.8	102.1	68.9	125.3	64.1	6.2	7.3	9.19	15.9	722.1	2,035.7
	!					CND	UNDER CONSTRUCTION AT END OF PERIOD	CITON A1	LEND OF	PERIOD									
1992-93	15.326	1,729.9	10,377	1,017.8	25,703	2,747.7	592.7	347.3	672.8	346.8	973.1	150.2	67.3			136.2	58.3	2,825.2	6.165.6
1993-94 1994-95	15,727	1,765.7	11,762 16,019	1,181.0 1,913.3	27,489 30,233	3,679.0	662.0 800.2	162.9 120.2	768.4	346.7	419.6	162.7 287.4	575 893	34.8	196.i 169.4	556.9		2,907.3	7,386.6
1994 Dec. qtr	15,158	1,778.3	15,171	1,730.6	30,329	3,508.9	804.7	122.4	433.8	248.8	459.0	138.3	81.9	27.3	158.0	146.0	82.2	1,897.9	6,211.4
1995 Mar. qtr	14.853	1,781.8	16,426	1,956.3	31,279	3,738.0	801.9	122.7	671.9	253.9	489.5	248.3	85.5	30.1	176.6	494.7		2,659.4	7,199.3
June qtr	14,214	1,765.7	16,019	1.913.3	30,233	3,679.0	800.2	120.2	768.4	346.7	438.1	287.4	89.3	34.8	169.4	556.9	96.2	2,907.3	7,386.6
Sept. qrr Dec. qrr r	13,087	1,449.2	15,418	1,800.6	28,505 25,707	3,249.8	626.6	123.0	558.9	284.7	336.5	396.1 434.8	114.5			569.6		2,653.9	6,530.3
1996 Mar. qtr	11,761	1,454.6	13,677	1,859.6	25,438	3,314.2	622.5	268.7	574.6	332.5	317.9	503.3	136.1	45.3	8.26	551.2	67.0	2,892.4	6,829.2
							Ü	COMPLETED	D										ļ
1992-93 1993-94	26,519	2,764.2	12,548	1,059.9	39,067	3,824.1	959.9	469.9 57.5	402.9	390.1	775.7 834.7	237.6	106.2 106.9	44.8 27.0	77.3 89.0	161.9 181.7	75.4	2,741.8 2,607.2	7,525.8
1994-95	28,746	3,117.1	16,455	1,501.4	45,201	4,618.5	1,076.1	109.0	387.3	282.9	387.3	198.8		•		228.0		1,892.3	7,587.0
1994 Dec. qtr	8,326	900.6	3,862	313.1	12,188	1,213.7	302.4	61.7	127.8	84.3	88.4	5.99	15.9	13.3	19.7	87.6	17.4	582.6	2,098.7
1995 Mar. qr	6,177	686.2	3,420	307.5	765,6	993.7	244.8	15.0	85.0	52.4	79.1	28.9	24.3	<b>4</b> .6	24.5	51.5	22.0	387.3	1,625.9
June qtr	6,707	720.1	5,116	535.8	11,823	1.255.9	277.6	18.5	59.5	72.0	143.8	49.7	20.9	5.2	24.2	53.7	9.2	457.6	1,991.1
Sept. qu Dec. qtr r	6,715	842.3	4,900	531.8	11,615	1,374.1	327.7	20.1	69.1 457.5	80.7	173,4	81.6	19.3	11.1	80.9	76.8		1,030.0	2,731.7
1996 Mar. qtr	5,421	631.3	3,851	393.7	9,272	1,025.0	250.3	14.4	7.96.7	55.2	94.7	65.2	50.9	6.1	19.3	6.67	31.9	514.2	1,789.6
													!						

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

		2.	New residential building	d building								Value	Value (\$m)						
-			Other residential	tential								Non-residential building	stial buildi	50 50					
	Houses Number of dwelling	Value	buildings Number of dwelling	gs. Value	Number of dwelling	Value	Alterations and additions to residential	Hotels				Other business	Educa-				Miscel-	-	Total
Period	units	(Sm2)	units	(5m)	units	(\$m)	buildings	efc.	Shops	Shops Factories	Offices I	premises	tional	Sions	Health	Lional	laneous	Totat	halding
						VA	VALUE OF WORK DONE DURING PERIOD	KDONEL	CURING	PERIOD	!								
1997-93	:	2.775.8	:	1,142.7	;	3,919.4	986.5	131.8	418.3	343.7	623.9	206.2	105.2	6.44	79.9	169.2	74.2	2,196.6	7,102.6
1993-94	:	3,027.0	;	1,348.5	:	4,375.6	1,047.5	92.1	431.1	280.5	385.8	226.2	101.3	35.2	157.5	196.5		1,978.6	7.401.7
1994-95	:	3,099.8	:	1,872.0	:	4,971.8	1,200.4	91.2	559.0	339.0	483.4	236.2	89.2	32.1	151.9	303.0	86.0	2,370.9	8,543.1
1994 Dec. qir	;	862.9	:	459.2	:	1,322.2	354.1	20.7	142.9	106.4	129.6	42.3	25.7	8.1	34.2	63.1	24.0	597.0	2,273.2
1995 Mar. atr	:	677.4	:	479.8	:	1,157.2	241.2	15.0	128.6	75.2	1.08.3	51.3	23.5	Ē.	£.04	65.3	18.5	533.5	1,931.9
The off		730.7	. :	535.4	:	1,266.1	297.0	21.5	162.4	71.3	145.9	0.68	24.7	7.6	42.9	1.08.0	21.8	695.1	2,258.2
Sent of	•	784.8	: ;	1667	:	1.283.9	299.4	16.7	204.8	87.0	111.9	141.0	33.9	4.6	25.2	133.7	28.1	791.8	2,375.1
Dec. qu r	: :	700.8	:	474.9	:	1,175.8	306.5	23.6	216.4	98.6	111.2	104.7	45.5 5.5	10.0	26.7	0.7.0	20.8	754.4	2,236,7
1996 Mar. qtr	:	616.0	:	402.8	Ξ	1,018.7	256.8	25,3	123.0	86.2	86.6	111.2	42.4	10.8	24.6	85.6	22.2	617.9	1,893.5
							VALUE OF WORK YET TO BE DONE	ORK YET	TO BE D	ONE				•			ļ		
1992-93	:	764.5	:	562.1	:	1,326.6	245.0	307.9	298.7	133.2	380.0	80.7	42.7	8.01	30.1	89.9	16.6	1,360.7	2,932.3
1993-94	;	804.4	:	630.6	:	1,435.0	284.6	109.4	295.4	113.2	282.4	87.4	20.0	16.6	0.701	72.6	31.6	1,135.6	2,855.2
1994-95	:	800.6	;	1,053.0	:	1,853.7	320.1	85.4	446.5	180.2	242.6	175.8	4.4	16.6	55.3	395.9	39.2	1,692.0	3,865.8
1994 Dec. qtr	:	790.2	:	1,008.3	;	1,798.5	326.1	90.7	257.3	0.101	276.D	87.8	49.7	13.9	78.7	53.1	33.0	1.041.2	3,165.9
1995 Mar. atr	:	819.4	:	1,079.9	:	1,899.3	329.5	6.09	452.1	86.7	294.0	176.0	54.2	14,3	81.2	388.0	41.7	1,679.1	3,908.0
Jun almi	:	800.6	:	1.053.0	:	1,853.7	320.1	85.4	446.5	180.2	242.6	175.8	54.4	16.6	55.3	395.9	39.7	1,092,0	3,605,6
Sept. 4tr	:	737.0	:	1,136.9	:	1,874.0	292.8	92.1	440.3	169.4	222.1	209.4	55.0	32.5	<b>4</b>	362.1	29.0	1,656.3	3,823.1
Dec. qtr r	:	667.9	:	1,009.9	:	1,677.8	258.0	81.3	346.1	157.5	235.9	223.0	42.8	26.6	32.8	361.1	25.4	1,532.4	3,468.2
1996 Mar. qtr	:	693.1	:	1,064.2	:	1,757.3	247.6	217.2	335.4	174.4	225.6	245.5	72.8	22.8	16.4	337.0	20.5	1,667.6	3,672.5

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-		۷	New residential building	i building								Valle	vatue (5m)		i				
	Houses		Other residential buildings	ential 35	Total		1					Non-residential building	ıtıal buildir	<u>s</u>					
Period	Number of dwelling units	Value (Sm)	Number of dwelling units	Value (3m)	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings	Hotels etc.	Shops Factories		l Offices p	Other business premises	Educa- tional	Reli- gious F	iai iai ra Healih	cater- talument and recrea- i	Miscel- lancous	Total	Total building
							ٽ ا	COMMENCED	e e				•	i		ļ	!		
1992-93	843	81.6	2,839	203.6	3 682	285.1	6	1.9	37.1	3.6	169.0	54.1	308.4		407.1	40.8	41.9	1,064.0	1,354.6
1993-94	615	59.3	1.634	104.5	2.249	163.8	900	4 M	19.9	6.2	223.5	85.2	292.9	I	185.5	41.4	84.6	942.4	1,112.8
1994-95	475	47.6	1,758	120.2	2,233	167.8	7.4	2.6	15.4	24.6	146.9	131.8	216.8	i	239.2	33.9	129.8	941.1	1.116.3
1994 Dec. qtr	104	10.3	239	16.4	343	15.7	ei ei	2.2	6.7	5.7	12.1	33.9	55.5	!	8'65	85 55	92.1	277.4	306,4
1995 Mar. atr	47	4.6	282	18.8	329	23.4	2.0	0.2	1,5	0.7	41.2	23.5	62.4	1	70.5	8	3.0	211.7	237.1
June att	140	14.5	703	49.7	843	64.2	1.3	0.2	3.7	1.6	72.4	6.99	62.7	ļ	15.4	8.5	12.0	243.5	309.0
Sept. qtr	27.	7.9	627	45.3	702	53.2	1,5	۱ ا	11.6	0.7	36.2	24.3	43.7	I	9.9	22.1	5.9	151.2	205.9
Dec. qtr r	161	17.7	190	13.0	351	30.7	1.0	1	5.2	£'0	23.7	18.6	35,4	1	114.1	5.8	8.3	211.7	243,5
199 <b>6 Mar. q</b> tr	98	9.1	295	12.7	381	31.8	r)	0.7	6.0	0.1	44.9	23.1	55.7	1	42.2	13.7	8.1	194.5	227.5
						CAN C	UNDER CONSTRUCTION AT END OF PERIOD	CITONA	I END OF F	ERIOD									
1992-93	390	37.1	1,821	129.4	2,211	166.5	3.2	1.3	28.7	2.3	703.8	34.7	303.1		490.2	227.5	87.4	1,879.4	2,049.1
1993-94	198	17.6	930	64.1	1,128	81.7	2.1	2.2	16.0	5,4	414.6	12.1	319.7	ı	575.7	216,4	73.8	1,635.8	1,719,6
1994-95	120	12.9	1.060	77.3	1,180	90.2	7.5	0.2	6.8	22.7	239.9	116.7	225.0	ı	648.3	29.2	115.3	1,404.3	1.498.2
1994 Dec. qtr	121	13.2	890	60.7	1,011	73.9	2.3	3.6	13.4	22.8	171.6	30.9	217.7	I	5.7.7	26.2	175.1	1,258.9	1,335.1
1995 Mar. qtr	66	11.0	873	60,4	972	71.4	ψ.	0.2	6.9	23.1	192.6	42.9	201.7	1	654.6	33.3	121.9	1,277.1	1,352.0
June qtr	120	12.9	1.060	77.3	1,180	90.2	3.7	0.2	8.9	22.7	239.9	116.7	225.0	1	648.3	29.2	115.3	1,404.3	1,498.2
Sept. qtr	105	11.2	1,358	100.0	1,463	111.1	2.6	1	12.3	2.2	236.8	136.9	184.4	1	650.7	39.8	117.3	1,380.4	1,494.1
Dec. qir r	191	21.3	T'ngg	64.7	1,279	100.0	67.7		7.71	K'7	6:067	121.9	7.401			Ç.	t	1,144,0	0.14
1996 Mar. qtr	152	16.9	196	77.1	1,113	94.0	6.0	0.7	12.1	3.0	238.8	119.7	177.4	i	780.0	39.1	108.4	i,479.1	1,574.0
							Ü	COMPLETED	Q;										
1992-93	663	62.2	3,292	272.9	3,955	335.1	5.0	1.2	11.9	10.7	428.6	358.2	255.8	0.2	128.5	27.7	47.9	1,270.7	1,610.8
1993-94	807	78.8	2,521	172.7	3,328	251.5	7.9	2.5	32.5	3.8	490.3	92.0	294.7	ŀ	100,8	52.0	101.7	1.170.3	1,429.7
1994-95	549	51.7	1,599	107.4	2,148	159.1	5.6	4.7	24.2	11.7	333.0	38.5	318.7	l	185.3	224.3	84.5	1,224.8	1,389.5
1994 Dec. qtr	235	21.7	485	35.2	720	56.9	0.1	I	2.6	1.8	55.6	13.5	113.7	I	117.6	12.5	7.1	331.5	390.3
1995 Mar. qtr	3	6.3	299	20.0	363	26.4	8.0	3.7	7.1	1.0	21.8	5.3	86.6	I	13.9	2.0	53.3	194.7	221.9
June qtr	119	12.6	516	33.1	635	45.7	1.1	0.2	4.0	6.2	26.1	6.6	35.3	I	8.61	12.2	17.1	130.7	177.5
Sept. qtr	8	6.3	329	22.6	419	32.3	2.6	0.2	2.1	22.2	6.6.0	14.0	87.3	I	8.4	11.7	4.1	236.1	271.0
Dec. qtr r	75	7.6	460	28.3	535	35.8	1.6	1	5.6	1	38.8	37.5	39.9	I	32.0	17.7	27.8	194.4	231.9
1996 Mar. qtr	125	13.6	422	30.6	547	44.3	5,2	i	6.0	0.1	38.5	28.5	63.0	1	0.11	3.5	3.1	153.8	200.3

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

		λ,	New residential building	l building								Valu	Value (Sm)						
-			Other residential	ential	F							Non-residential building	ntial build	ing					
	nouses Number of		Number of	7. 20.	Number of		Alterations and additions to					Other			ų	Enter- tainment and			
Period	dwelling	Value (Sm)	dwelling	Value (\$m)	dwelling	Value (\$m)	residential buildings	Hotels etc.	saoys	Shops Fautories	Offices	business premises	Educa- tional	Reli- gious	Health	recrea- tional	Miscel- laneous	Total	Total building
				1		VA	VALUE OF WORK DONE DURING PERIOD	RKDONE	DURING P	ERTOD									
1992-93	:	73.5	:	261.2	:	334.7	4.4	1.2	32.6	4.0	6.714	89.6	288.1	0.2	242.8	1.00.1	744	1,253.3	1.592.4
1993-94	:	65.2	:	117.8	:	183.0	7.9	3.1	19.0	6.2	347.1	88.0	324.4	I	220.3	151.2	65.5	1.224.6	1,415.5
1994-95	:	51.6	:	117.3	:	166.9	6.9	3.8	20.1	4.00	199.6	82.0	257.4		240.9	49.2	6.0%	972.4	1,148.2
1994 Dec. qu	:	13.4	:	30.1	:	43.4	1.8	2,6	5.5	6.3	36.7	16.6	1.19	I	54.6	6.9	25.2	215.5	260.8
1995 Mar. otr	:	6.9	:	22.1	:	29.0	8.1	0.6	6.4	0.6	4.4	18.8	55.3	;	6,1,6	7.6	51.5	215.6	246.4
June atr		12.7	:	30.4	:	43.1	1.7	6.0	4.3	11.9	4,69	38.1	64.9		r Çi	11.8	22.8	306.3	351.0
Sept. etr	:	9.3	:	33.7	;	43.0	1.7	I	4.7	5.5	58.4	47.8	60.5	į	8.56	11.1	154	253.9	298.5
Dec. qtr r	:	11.1	:	33.1	:	44.2	1.3	1	7.8	0.4	54,4	41.2	54.5	ŀ	6,47	19.8	27.1	260.9	306.3
1996 Mar. qtr	:	12.1	:	24.5	:	36.5	1.5	9'0	6.2	0.3	37.5	28.0	603	1	46.1	14.1	13.3	206.5	244.6
						·	VALUE OF WORK YET TO BE DONE	VORK YEI	TO BE DO	)NE									
1992-93	:	16.3	:	47.2	:	63.4	1.9	6.0	6.5	9.0	213.8	14.9	145.4	ı	224.3	130.8	17.9	755.3	820.6
1993.94		10.4	:	36.9	:	47.3	9.0	1.3	7.5	1.0	95.7	4.5	133.1	I	190.3	20.6	40.8	494.7	542.8
1994-95	·	6.1	:	40.5	:	46.6	1.1	I	2.4	1.7	56.4	66.0	6.501	I	208.3	0.6	76.2	524.0	571.7
1994 Dec. qtr	;	6.7	;	23.4	:	30.1	1.2	0.5	7.0	15.4	42.1	21.5	95.0	1	267.4	13.3	109.4	571.4	602.7
1995 Mår. qtr	:	4.2	:	21.0	Ξ	25.2	1.4	0.0	2.8	7.7	52.3	20.3	110.0	l	276.6	12.7	88.5	571.0	597.7
June qtr	:	6.1	:	40.5	:	979+	1.1	1	4.5	1.7	56.4	66.0	103.9	I	208.3	9.0	76.2	524.0	571.7
Sept. qtr	:	4.8	:	52.2	;	86.9	6.0	!	6.3	1.1	7.67	52.3	89.5	I	166.1	203	8.99	485.2	543.0
Dec. qtr r	:	11.4	÷	12.1	:	43.4	9.0	1	6.9	1.5	58.3	33.7	7.4.7	ì	223.0	16.8	48.6	463.5	5075
1996 Mat. qtī	:	8.5	;	30.6	;	39.1	0.3	1	6.7	<u></u>	67.2	31.9	70.6	I	227.6	4.63	43.5	465.2	5046
										-					ĺ				

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

-	÷:	; ;				Non-	Non-residential building					
Period	Orher residential buildings (a)	Hotels, etc.	sdoyS	Fuctories	Offices	Other business premises	Educational	Religious	Health	Entertain- ment and recreational	Miscellaneous	Total
					COMMENCED	CED						
1992–93	†·266	86.7	326.6	210.8	434.3	149.9	265.3	12.6	400.4	109.4	\$0.4	2.046.4
1993 94	1,208.5	53.5	363.6	194.2	524.2	241.7	221.2	30.7	294.1	183.2	112.9	2,219.3
1994–95	2.114.5	43.3	463.0	264.9	470.0	340.5	2013	18.0	264.4	502.9	5.751	2,725,7
1994 Dec. qtr	9.099	24.8	51.8	33.8	115.0	52.0	9:69	7.2	62.6	23.0	8.66	533.6
1995 Mar. qtr	492.0	7.1	221.6	42.7	135.5	141.6	43.9	9.4	5.76	381.7	7.81	0.560.1
June qtr	455.1	9.6	65.7	138.7	144.8	122.0	60.5	2.4	10.1	63.9	r . c	989
Sept. qtr	533,4	12.8	36.50 12.50	54.7	98.1	174.8	47.1 52.9	10.7	70.7 83.6	88.5 79.7	17.2	647.0
1996 Mar. qu	442.5	156.4	48.7	8.09	8.96	133.4	94,4	4.7	37.4	48.4	14.5	695.3
And the state of t				UNDER CONS	STRUCTION	DER CONSTRUCTION AT END OF PERIOD	RIOD					
1907 93	0187	3.17.5	0.000	7.89.3	16417	137.8	237.6	12.8	481.9	293.2	110.0	4,185 3
1903-94	1.076.5	141.0	427.0	187.4	7916	प्राप्त स्था	220.3	27.5	632.7	343 1	109 5	3.023.4
1994-95	1,934.8	0.86	675.1	287.0	6.87.7	349.0	208.3	21.5	745.9	498.8	1640	3,705.5
1994 Dec. qtr	1,724.2	100.4	411.5	1.971	609.09	131.5	162.5	21.0	679.1	117.7	201.7	2.610.3
1995 Mar. qtr	1,975.0	9.66	603.2	194.7	Kil P	247.7	188.0	22.2	751.9	462.6	157.5	3,383.7
June qtr	1,934.8	0'86	675.1	287.0	657.7	349.0	208.3	21.5	745.9	4988	164.0	3,705.5
Sept. qtr	1.942.0	9.901	758.0	217.4	604.3	474.7	183.5	27.4	752.7	502.5	165.4	3,792.5
Dec. qtr. r	1.790.4	5.00	459.4	227.7	5:10:2	487.0	201 8	22.ñ	748,4	83  F	153.6	3,472
1996 Mar. qtr	1.868.5	252.1	462.2	248.7	524.5	268,0	219.6	22.5	777.8	5.35.6	1.94.1	3.760.1
					COMPLETED	TED						
199293	974.8	429.7	347.9	268.9	1,111.3	508.5	210.4	21.5	114.0	124,4	54.8	3 191.5
1993 94	1.076.3	26.3	585.7	293.2	1.250.9	213.4	238.7	17.2	147.9	1289	120.5	3.022.7
56-+661	1.284.8	82.9	320.2	198.2	638.9	147.3	220.5	25.1	176.5	406.1	8 101	2,317.5
1994 Dec. qtr	263.2	53.4	105.9	59.3	112.2	41.0	1.06	10.9	123.0	83 4	911	690,8
1995 Mar. qtr	239.1	च >o	0'99	30.1	91.7	20.1	27.1	9.6	22.7	42 1	617	373.5
the end.	516.1	11.5	8. 30.	51.3	146.9	38.5	36.7	4.6	22.4	53.0	Ş	425.1
Sept. qu	532.2	0'5	53.2	122.8	207.0	56.5	74.5	en e	10.7	8.58 8.58 1	12.2	630.9
Dec. qtr r	488.0	6.8	408.6	45.3	194.5	94.7	34.6	9.X	92.7	1.30	C 7.7	7.176
1996 Mar. qfr	365.1	50 ch	15.7	<del>1</del> 0.4	121.6	63.4	%.⊥% %.⊥%	5,3	17.5	6°£†	20.5	<b>‡</b>
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TABLE 4. VALUE OF BUILDING ACTIVITY BY CLASS OF BUILDING AND STAGE OF CONSTRUCTION, SYDNEY STATISTICAL DIVISION - continued (\$m)

						.^on-,	Non-residential building			:		
Penod	Other residential buildings (a)	Horels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertam- ment and recreational	Miscellaneous	Torui
				VALUE OF V	VORK DON	VALUE OF WORK DONE DURING PERIOD	IOD	!	ļ			
				7.55	0.17.3	E XOL	233.0	19.6	271.4	185.9	82.5	2.672.6
1992–93	1,031.3	+ + + 01	311.3	0.252	7 17 17	7327	265.1	24.4	256.0	278.2	89.3	2,420,7
1993. 94	1,141.7	. 66 € 66 € 76 €	.560.6 173.3	0.807 3.43 A	614.1	200.8	9.661	24.2	311.8	266.2	114.8	2,534.0
1994–95	8.777.1	6'00°	117.4	t o	15051	20.3	8.08	6.1	73.4	50.4	30.5	592.7
1994 Dec. qtr	427.3	1.5.	0.011	0.07		- 13	43.3	ر. در	86.1	54.3	36.1	£67.4
1995 Mar. qtr	0.124	s, s	110.9	50.6	† 67 T	21.7			101.6	6.88	28.8	789.3
June off	510.7	12.9	1.42.8	52.5	198.4	103.6	† :	. ·	23.3	105.5	997	90 Y
Sand off	181.6	36 36	161.2	58.0	156.8	161.7	xc.	¶.	0.00	7.501	5 9 P	4007
osja, go December	472.1	10.6	177.1	80.0	149.3	114.0	64.1	6.5	6.17	80.ts	9.07	× 1
1996 Nor off	406.2	19.5	73.7	56.4	105.2	115.1	76.2	6.0	56.4	78.0	25.2	611.7
		Ì		VALLE	JF WORK Y	VALLE OF WORK YET TO BE DONE	<u> </u>					!
						İ					•	7 7/0
10 0001	5 767	7997	273.2	108.7	575.6	74.6	132.7	5.6	208.7	165.1	7.77	1.800 0
1992.93	8 76 <b>5</b>		277.7	7.76	364.2	7.5.7	200	13.7	251.4	70.6	0.50	0.166.1
1993: 94	1 066 1	75.3	373.7	152.8	288.9	209.1	103.6	8.7	230.4	366.8	D 66	1.404.1
1994-69	1.001	77 UX	248.5	66.3	306.6	87.4	91.4	10.9	305.1	33.5	1142	7.4
1994 Dec. qtr	4.120.1	- r	205	616	93.6	X CZ 1	100,7	10.5	314.5	366.3	8 501	1.943.0
1995 Mar. qtr	1,086.8	5 °C 'C	0,700 0,000 0,000	15.3 \$	0.880	1 602	103.6	2,30	230.4	366.8	95.0	1.904.0
Anne qtr	1.006.1	5.03	263.0	1.02.0	7.007	230.1	95.5	13.2	184.7	349.8	82.1	1.823.7
Sept. qtr	1.128.0	D'08	5.200 C.400 C.400	1746.1	277.8	223.1	88.3	10,6	201.3	352.6	62.9	1.693 8
Dec. qtr r	1.666	4	i :	0.00	) - - 0 - 1 1 (	- 630	1.001	101	8,191	322.5	5.45	1.815.3
1996 Mar. 4tr	E.140.1	208.1	260.0	128.9	1.18.3	+7507	102:1					!

(a) Includes alterations and additions to other residential buildings but excludes all work on bouses. For definitions, see Explanatory Note 9.

## TABLE 5. NUMBER OF DWELLING UNITS BY STAGE OF CONSTRUCTION, NSW SEASONALLY ADJUSTED SERIES

		House	#.S		Total			
	Private sector		Iotal		Private sector		Total	1
Period	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
1994 Dec. qtr	7,298	7,433	7,408	7,637	12,290	10,869	12,831	11,408
1995 Mar. qtr	6,929	6,605	7,022	6,716	12,293	10.507	12,735	10,983
June qtr	5.926	6.936	6.042	7.105	11,225	11,995	11,938	13,150
Sept. qtr	5,678	7.264	5,730	7,263	10,010	12,267	10,554	12,245
Dec. qtr r	5,570	5,987	5,737	6,053	8,517	10,340	9.003	10,738
1996 Mar. qtr	6,042	5,785	6,174	5,959	10,264	10,158	10,752	10,828

## TABLE 6. VALUE OF BUILDING WORK DONE, NSW SEASONALLY ADJUSTED SERIES (\$ million)

New residential building Alterations and Non-residential building additions to Other residential residentialPrivate Total buildings PeriodHouses Total buildings sector Totalbuilding 1994 Dec. qtr 829.7 459.4 1,296.0 321.6 547.6 775.1 2.404.9 1995 Mar. qtr 750.6 530.9 275.5 1,286.3 598.4 810.5 2.389.1 575.4 June qtr 740.4 1,324.7 306.3 706.3 985.0 2,590.2 Sept. qtr 771.9 529.2 1,279.4 290.3 765.2 1,035.4 2,603.8 Dec. qtr r 674.0 477.4 1,158.8 278.1 691.1 968.9 2,413.1 690.2 451.3 1996 Mar. qtr 1,145.6 293.1 694,3 892.8 2,348.1

TABLE 7. VALUE OF BUILDING WORK COMMENCED, AT AVERAGE 1989-90 PRICES (a), NSW (\$ million)

	New re	New residential building Alterations an			Non-residential b		
Period	O Houses	ther rasidential buildings	Total	additions to residential buildings	Private sector	Total	Total building
1992-93	2.664.1	1,482.9	4.147.0	901.5	1,834.9	2,959.9	8.008.4
1993-94	2,851.2	1,593.6	4.444.8	989.8	2.114.7	3,102.3	8,536.9
1994-95	2.817.4	2,454.2	5,271.6	1,057.5	2.676.9	3.633.9	9,963.0
1994 Dec. qtr	735.4	667.3	1.402.7	334.1	478.7	762.1	2,498.9
1995 Mar. qtr	626.2	583,8	1,210.0	203,3	1.111.7	1,326.0	2,739.3
June qtr	651.1	554.0	1.205.1	237.4	596.8	841.0	2,283.5
Sept. qtr	646.8	612.5	1,259.3	244.4	713.6	864.2	2,367.9
Dec. qtr r	-558.5	339.4	907.9	229.6	626.3	836.5	1,974.0
1996 Mar. qtr	566.2	485.4	1,051.6	205.9	714.2	906,6	2,164.

<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 8. VALUE OF BUILDING WORK DONE, AT AVERAGE 1989-90 PRICES (a), NSW ORIGINAL AND SEASONALLY ADJUSTED SERIES

			(\$ million)				
·	New re	sidential building		Alterations and	Non-residential be	illding	
Period .	O) Houses	Other residential Houses buildings		additions to — residential buildings	Private sector <b>Total</b>		Total building
			ORIGINA	L			
1992-93	2,681,5	1,509.1	4,190.6	932.5	2,307.8	3,624.1	8,747.2
1993-94	2,867.4	1.572.9	4,440.3	978.8	2,066.9	3,346.3	8,765.4
1994-95	2,862.8	2.077.0	4,939.8	1,096.6	2,421.8	3,414.8	9,451.2
1994 Dec. qtr	798.1	512.9	1,311.0	324.1	612.3	833.3	2,468,4
1995 Mar. qtr	617.0	524.5	1,141.5	219.1	545,5	765.9	2,126.5
June qtr	671.6	582.7	1,254.3	269.8	700.7	1,009.5	2,533.6
Sept. qtr	715.4	540.4	1,255.8	271.2	785,5	1,037.4	2,564.4
Dec. qtr r	633.4	514.2	1,147.6	273.9	746.9	1,005.2	2,426.7
1996 Mar. qtr	\$56.3	431.2	987.5	228.8	609.4	813.0	2,029.3
		SFA	SONALLY AI	DJUSTED			
1994 Dec. qtr	755.7	481.5	1,244.2	292.8	561.6	794.9	2,342.6
1995 Mar. qtr	676.8	554.7	1,237.8	248.4	611.9	828.7	2,332.3
June qtr	668.9	592.6	1,269.2	276,7	712.0	992.9	2,515.2
Sept. qtr	695.4	536.8	1,210.8	261.5	759.2	1,027.2	2,497.4
Dec. qtr r	599.7	483.2	1,090.0	247.5	684.2	959.4	2,302.1
1996 Mar. qtr	611.4	455.5	1,072.0	259.6	684.8	880.5	2,228.

<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. NUMBER OF DWELLING UNITS BY OWNERSHIP, CLASS OF BUILDER AND STAGE OF CONSTRUCTION, NSW

		Private sector					Public sector			Total		
Period	Contractor- built	Houses Other	Total	Other residential buildings	Total	Houses	Other residential buildings	Total	Houses	Other residential buildings	Tota	
				COM	MENCED							
1992-93	19,193	7,361	26.554	14.225	40,779	843	2,839	3,682	27,397	17.064	44,46)	
1993-94	22,289	6,257	28,547	16,385	44,932	615	1,634	2,249	29,162	18,019	47,181	
1994-95	21,818	5,928	27,747	21,513	49,260	475	1,758	2,233	28,222	23,271	51,493	
1994 Dec. qtr	5,749	1,633	7,382	5.523	12.905	104	239	343	7,486	5,762	13,248	
1995 Mar. qtr	4,619	1,471	6,090	4,922	11,012	47	282	329	6,137	5.204	11,341	
June gtr	4,960	1,243	6,203	5,120	11,323	140	703	843	6,343	5,823	12,166	
Sept. qtr	4,763	1,273	6,036	4,430	10,466	75	627	702	6,111	5,057	11,168	
Dec. qtr 1	4,421	1.208	5,639	3,310	8,940	161	190	351	5,791	3,500	9,291	
1996 Mar. qtr	4,015	1.300	5.315	3,868	9,183	86	295	381	5,401	4.163	9,564	
•		ī.	INDER C	ONSTRUCT	ION AΤ E	ND OF P	ERIOD					
1992-93	6,194	9,133	15,326	10.377	25,703	390	1,821	2,21 I	15,716	12,198	27,914	
1993-94	7,507	8,220	15.727	11.762	27,489	198	930	1.128	15,925	12,692	28,617	
1994-95	7,200	7,014	14,214	16.019	30,233	120	1.060	1,180	14,334	17,079	31,413	
1994 Dec. qtr	7,567	7,591	15,158	15,171	30,329	121	890	1,011	15,279	16,061	31,346	
1995 Mar. qtr	7.233	7,620	14,853	16,426	31,279	99	873	972	14.952	17,299	32,251	
June qtr	7,200	7,014	14,214	16,019	30,233	120	1,060	1,180	14,334	17,079	31,413	
Sept. qtr	6,426	6,660	13,087	15,418	28,505	105	1,358	1,463	13.192	16,776	29,968	
Dec. qtr r	5,693	6,228	11,922	13,785	25,707	191	1,088	1,279	12,113	14,873	26,980	
1996 Mat. q <sup>t</sup> r	5,766	5,995	11,761	13,677	25,438	152	961	1,113	11,913	14,638	26,551	
				COM	PLETED							
1992-93	18,906	7,612	26,519	12,548	39,067	663	3,292	3,955	27,182	15,840	43,022	
1993-94	21,129	6,694	27.823	14,709	42,532	807	2,521	3,328	28,630	17,230	45,860	
1994-95	22,110	6,636	28,746	16,455	45,201	549	1,599	2.148	29,295	18,054	47,349	
1994 Dec. qtr	6,567	1,759	8,326	3,862	12,188	235	485	720	8,561	4,347	12,908	
1995 <b>M</b> ar. qur	4,737	1,441	6,177	3,420	9,597	64	299	363	6,241	3,719	9,960	
June qtr	5,015	1,692	6,707	5,116	11,823	119	51 <del>6</del>	635	6,826	5,632	12,458	
Sept, qtr	5,537	1,553	7,091	4,919	12,010	90	329	419	7,181	5,248	12,429	
Dec. qtr r	4,934	1,780	6,715	4,900	11,615	75	460	535	6,790	5,360	12,150	
1996 Mar. qtr	3,921	1,500	5,421	3,851	9,272	125	422	547	5,546	4,273	9,819	

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## TABLE 10. NUMBER AND VALUE OF NEW HOUSES BUILT BY CONTRACT BUILDERS FOR PRIVALE OWNERSHIP, BY COMPLETION VALUE RANGE AND STAGE OF CONSTRUCTION, NSW

	Commenced			Under	constructio.	n at end of per	riod	Completed				
Períod	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Total	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Total	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Tota
					NUMBI	ER						
1992-93	301	2,541	16.351	19,193	66	593	5,535	6,194	379	2,342	16,185	18,900
1993-94	377	2,168	19,745	22,289	110	479	6,918	7,507	370	2,248	18,511	21,129
1994-95	238	1,409	20,172	21,818	97	213	6,890	7,200	251	1,598	20,261	22,110
1994 Dec. qtr	20	496	5,233	5,749	77	389	7,101	7,567	40	634	5,893	6,567
1995 Mar. qtr	99	158	4,363	4,619	136	189	6,907	7.233	39	338	4,359	4,733
June qtr	79	199	4,681	4,960	97	213	6.890	7,200	119	159	4,738	5,015
Sept. qtr	39	277	4,447	4,763	57	254	6,115	6,426	59	196	5,282	5,53
Dec. qtr r	20	338	4,064	4,421	57	275	5,362	5,693	40	277	4,617	4,93
1996 Mar. qtr	20	159	3,836	4,015	37	235	5,494	5.766	60	179	3,683	3,92
					VALUE (	(Sm)						
1992-93	8.5	132.8	1,788.2	1,929.6	2.0	30.8	726.5	759.2	11.1	122.1	1,820.3	1,953.
1993-94	11.7	113.5	2,199.7	2,324.9	3.3	25.2	906.4	934.8	11.9	116.8	2,068.3	2,197
1994-95	7.4	74.5	2,274.8	2,356.7	3.0	11.4	942.4	956.8	7.9	84.1	2.301.3	2,393.
1994 Dec. qtr	0.8	25.8	582.5	609.1	2.3	20.6	918.2	941.1	1.6	32.5	688.2	722.
1995 Mar. qtr	3.0	8.7	496.0	507.6	4.3	9.9	913.1	927.3	0.9	18.5	498.7	518.
June qtr	2.5	10.8	541.8	555.1	3.0	11.4	942.4	956.8	3.8	8.5	530.5	542.
Sept. qtr	1.3	13.9	542.5	557.6	1.7	12.4	876.8	890.9	1.9	10.8	627.6	640.
Dec. qt1 t	0.7	17.9	466.0	484.5	8.1	14.2	732.7	748.8	1.2	14.3	589.2	604.
1996 Mar. qtr	0.7	8.3	463.1	472.1	1.2	12.6	756 <i>5</i>	770,3	1.9	8.7	442.3	453.0

#### TABLE 11. SUMMARY OF BUILDING ACTIVITY, NSW RELATIVE STANDARD ERRORS, MARCH QUARTER 1996

(per cent)

		New residential	building		Value	
Ownership and stage of construction	Houses Number		Total Number of dwelling units Value		Alterations and additions to residential buildings	Total building
	PI	UVATE SECTO	)R			
Commenced	4.4	4.9	2,6	2.9	4,8	1.6
Under construction at end of period	3.4	3.6	1.6	1.6	3.3	0.8
Completed	5.5	6.1	3,2	3.7	5.2	2.3
Value of work done		3.9		2.4	3,6	1.4
Value of work yet to be done		4.6	1,8		3.6	0,9
	TOTAL PRIVA	ATE AND PUB	LIC SECTORS			
Commenced	4.3	4.9	2.5	2.8	4.8	1.5
Under construction at end of period	3.4	3.6	1.5	1.5	3.3	0.7
Completed	5.3	6.0	3.0	3.6	5.1	2.0
Value of work done		3.8		2.3	3.6	1.2
Value of work yet to be done		4.5		1.7	3.6	0.8

#### 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 *huilding* 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, tavers, 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.
- 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.
- (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 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 5, 6 and 8. 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 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 7 and 8. Constant price estimates measure changes in value after the direct effects of price changes have been climinated. 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 Information Inquiries on Sydney (02) 268 4611 or any ABS State office.
- 28. Users may also wish to refer to the following building and construction publications which are available on request:

Building Approvals, Australia (8731.0) – issued monthly Building Approvals. New South Wales (8731.1) – issued monthly

Dwelling Unit Commencements Reported by Approving Authorities, New South Wales (8741.1)—issued monthly Building Activity. Australia: Dwelling Unit Commencements, Preliminary (8750.0)—issued quarterly Building and Construction Activity, Australia (8754.0)—

Bullaing and Construction Activity, Australia (8734) issued quarterly

Housing Finance for Owner Occupation, Australia (5609.0) – issued monthly

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
- figure or series revised since previous issue
- 30. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

GREGORY W. BRAY
Deputy Commonwealth Statistician

#### For more information ...

The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the ABS Catalogue of Publications and Products available at all ABS Offices.

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