

**BUILDING ACTIVITY, NEW SOUTH WALES
JUNE QUARTER 1994**

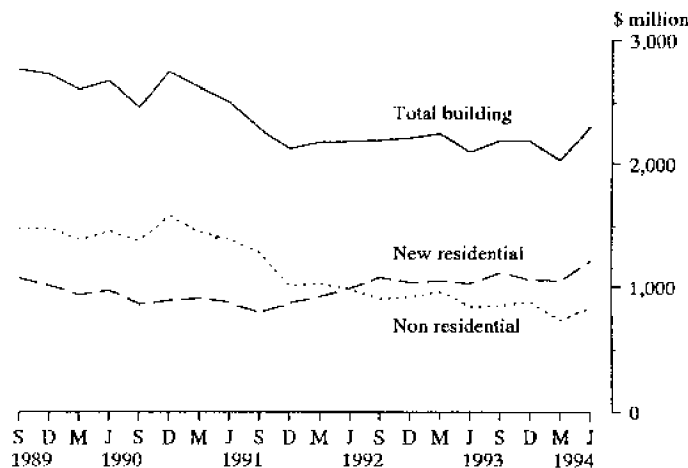
SUMMARY OF FINDINGS

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

	Percentage change on	
	Mar. quarter 1994	June quarter 1993
New residential building	15.4	17.8
Alterations and additions to residential buildings	7.8	11.6
Non-residential building	13.9	-0.8
Total building	13.4	9.5

- Expressed in seasonally adjusted average 1989-90 prices, the total value of building work done for the June quarter 1994 was \$2,298.7 million, a 3 year high. This was an increase of 13.4% on the previous quarter and 9.5% on the June quarter 1993.
- The value of work done on new residential building rose by \$162.0 million to \$1,211.4 million, an increase of 15.4% on the March quarter and a record since the series began with the September quarter 1974.
- Work done on residential alterations and additions increased by 7.8% on the March quarter to \$259.6 million, a 3½ year high.
- Having set a 9 year low during the March quarter 1994, work done on non-residential building recovered in the June quarter by 13.9% to \$835.8 million.

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



INQUIRIES

- for more information about statistics in this publication and the availability of related unpublished statistics, contact Colin Speechley on Adelaide (08) 237 7495 or any ABS State Office.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

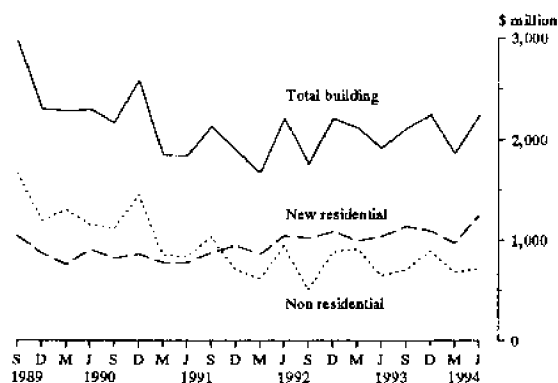
SUMMARY OF FINDINGS - continued

Value of building work commenced at average 1989-90 prices

	Percentage change on	
	Mar. quarter 1994	June quarter 1993
New residential building	28.3	20.0
Alterations and additions to residential buildings	28.4	16.5
Non-residential building	5.0	11.1
Total building	19.8	16.5

- Expressed in average 1989-90 prices (but not seasonally adjusted) the total value of building work commenced during the June quarter 1994 was \$2,235.2 million. This was up \$368.7 million or 19.8% on the previous quarter.
- The value of new residential building commenced was up \$276.1 million or 28.3% to \$1,250.1 million for the June quarter 1994, the highest since the December quarter 1980. An increase in new house commencements of 34.9% or \$215.3 million on the March quarter to \$831.7 million accounted for most of the increase and the level attained was the highest since the December quarter 1988.
- Commencements of residential alterations and additions also rose 28.4% to \$263.9 million, a record since the series began with the September quarter 1973.
- Although non-residential building rose only \$34.2 million or 5.0% to \$721.2 million in total, the private sector component was up \$83.6 million.

VALUE OF WORK COMMENCED AT AVERAGE 1989-90 PRICES



- For the year 1993-94, the total value of work commenced was \$8,453.9 million, up \$444.7 million or 5.6% on 1992-93. Of this increase, \$310.9 million was in new residential building (up 7.5% to a high since 1980-81) and \$79.2 million was for residential alterations and additions (up 8.8%).

Number of dwelling units commenced, seasonally adjusted

	Percentage change on	
	Mar. quarter 1994	June quarter 1993
Private sector houses	24.2	21.9
Private sector dwelling units	22.5	22.9
Total dwelling units	23.5	18.7

- In seasonally adjusted terms, the estimate of the total number of dwelling units commenced during the June quarter 1994 was 13,730 which was 23.5% more than the March quarter and the most since the March quarter 1981.
- The total number of dwelling units commenced for the private sector rose by 22.5% during the June quarter 1994 to 13,017, again the most since the March quarter 1981.

NEW DWELLING UNITS COMMENCED SEASONALLY ADJUSTED



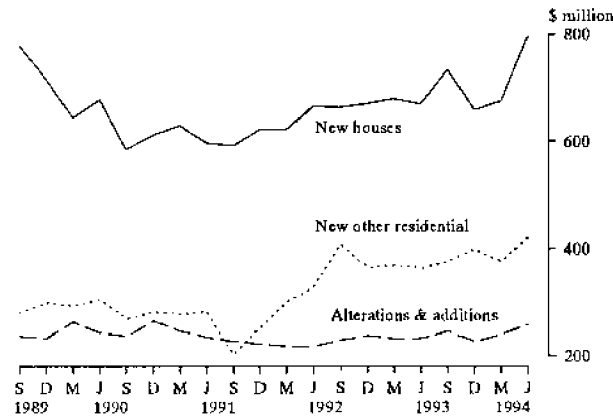
Original unadjusted data

- The total value of building work commenced (unadjusted, at current prices) during the June quarter 1994 was \$2,260.0 million. Of this, \$1,287.8 million was for new residential building resulting in 13,391 units.
- The total value of work done during the June quarter 1994 rose \$353.4 million to \$2,287.7 million while the value of work yet to be done on jobs under construction at the end of June 1994 increased by only \$61.3 million to \$3,336.2 million.
- For the year 1993-94, the total value of work commenced was \$8,466.0 million which was \$540.2 million or 6.8% higher than for 1992-93. The increase was due mainly to a rise of \$366.7 million in the value of commencements of new residential buildings (with both houses and other residential buildings showing proportional increases) and a rise in residential alterations and additions of \$102.6 million.

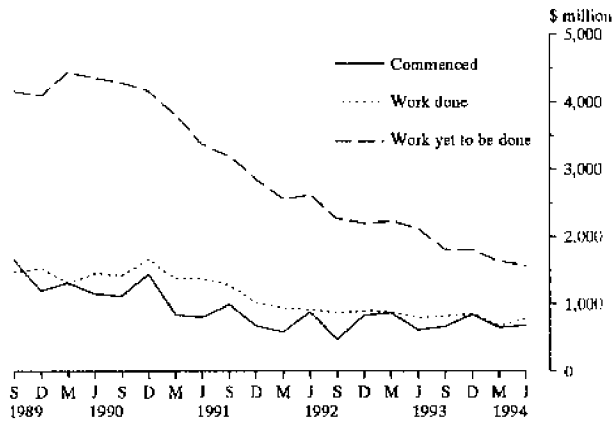
Revisions to March quarter 1994

These include large downward revisions in the category of private sector offices for work commenced, under construction and yet to be done due to a large building job having been prematurely included as a commencement.

VALUE OF RESIDENTIAL WORK DONE
AT AVERAGE 1989-90 PRICES



VALUE OF NON RESIDENTIAL BUILDING



VALUE OF NON-RESIDENTIAL WORK DONE

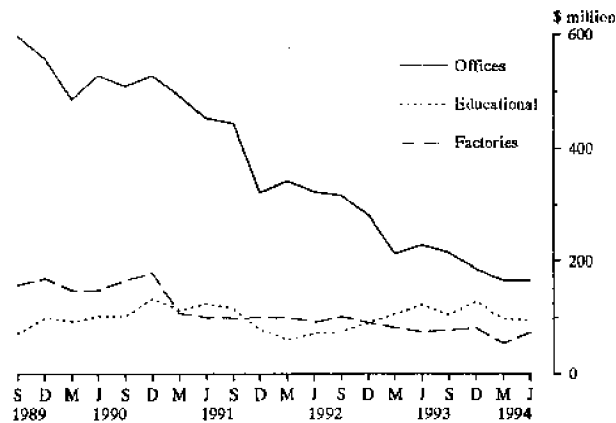


TABLE I. SUMMARY OF BUILDING ACTIVITY, NSW

Period	New residential building										Non-residential building																													
	Houses					Other residential buildings					Total					Other business premises					Educational					Recreational					Miscellaneous					Total				
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Recreational	Miscellaneous	Total	Health	Educational	Recreational	Miscellaneous	Total	Total building														
COMMENCED																																								
1991-92	26,387	2,664.2	14,351	1,142.4	40,738	3,806.7	898.8	146.5	276.3	317.0	1,141.4	226.7	306.1	33.0	140.1	426.7	132.8	3,146.6	7,852.1	1992-93	17,397	2,315.7	17,364	1,366.8	44,461	4,182.6	944.6	109.9	415.8	294.4	518.3	243.9	432.7	38.0	474.5	175.2	96.1	2,798.7	7,925.8	
1993-94	29,147	3,622.2	18,138	1,487.2	47,285	4,549.3	1,047.2	91.0	362.8	255.7	610.1	311.5	372.2	39.1	410.4	248.3	168.4	2,869.5	8,466.0	1993 Mar. qtr	6,304	660.3	4,125	342.5	10,429	1,002.8	213.7	11.5	65.8	83.0	136.9	51.9	97.8	6.0	334.1	63.3	21.8	872.3	2,088.8	
June qtr	7,120	718.5	4,142	335.3	11,262	1,053.8	237.7	15.6	77.4	84.1	113.5	48.8	121.6	21.0	63.1	47.9	22.1	615.0	1,906.6	Sept. qtr	7,603	786.4	4,521	369.4	12,124	1,155.8	273.1	21.4	85.4	48.3	131.1	95.7	101.3	12.8	76.4	72.9	28.1	673.5	2,102.3	
Dec. qtr	6,786	711.7	4,815	397.6	11,601	1,109.3	271.0	38.2	108.0	56.7	225.8	98.3	108.1	11.2	68.8	62.7	74.8	852.7	2,233.0	1994 Mar. qtr	6,247	665.1	3,922	331.5	10,169	996.5	219.4	14.2	49.0	35.2	147.1	46.2	61.5	7.9	190.5	75.1	27.9	654.7	1,870.6	
June qtr	8,511	899.1	4,880	388.7	13,391	1,287.8	283.7	17.3	120.4	115.5	106.1	71.3	101.3	7.1	74.7	17.6	37.5	688.6	2,260.0	1991-92	15,974	1,792.7	11,343	1,101.1	27,317	2,893.8	589.1	709.1	689.1	406.8	2,352.7	494.5	299.0	28.8	252.2	484.1	174.6	5,860.7	9,343.6	
1992-93	15,716	1,767.0	12,198	1,147.3	27,914	2,914.3	595.9	348.6	701.4	349.5	1,676.9	185.0	370.4	22.3	541.0	363.7	145.6	4,704.6	8,214.7	1993-94	16,152	1,868.7	13,023	1,268.1	29,175	3,136.8	672.0	165.4	377.6	231.1	865.3	175.1	356.8	35.6	772.0	378.2	145.6	3,502.7	7,311.5	
1993 Mar. qtr	15,145	1,714.7	11,999	1,125.8	27,144	2,840.4	583.4	348.7	664.0	301.2	1,748.5	474.7	343.8	26.0	529.6	344.3	153.5	4,934.3	8,358.1	June qtr	15,716	1,767.0	12,198	1,147.3	27,914	2,914.3	595.9	348.6	701.4	349.5	1,676.9	185.0	370.4	22.3	541.0	363.7	145.6	4,704.6	8,214.7	
Sept. qtr	16,360	1,841.6	12,058	1,150.2	28,418	2,991.7	652.3	311.3	427.8	356.4	851.8	209.7	409.3	29.7	605.7	380.9	148.6	3,711.2	7,355.3	Dec. qtr	14,578	1,674.7	11,616	1,139.3	26,194	2,814.0	612.1	328.6	342.7	198.7	884.7	225.0	400.3	32.9	628.0	377.4	141.9	3,560.1	6,986.1	
1994 Mar. qtr	13,896	1,627.0	11,440	1,124.4	25,336	2,751.4	606.9	161.5	317.7	161.5	914.5	191.0	316.3	33.3	753.6	390.2	129.8	3,269.4	6,727.6	June qtr	16,152	1,868.7	13,023	1,268.1	29,175	3,136.8	672.0	165.4	377.6	231.1	865.3	175.1	356.8	35.6	772.0	378.2	145.6	3,502.7	7,311.5	
COMPLETED																																								
1991-92	25,254	2,575.7	12,586	1,057.4	37,840	3,633.1	973.1	741.7	287.4	308.9	1,719.4	560.3	487.6	33.1	214.1	304.3	279.9	4,936.7	9,542.9	1992-93	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	362.0	45.0	205.8	189.6	123.4	4,012.5	9,136.6	
1993-94	38,409	2,994.5	17,066	1,392.3	45,475	4,386.8	1,001.7	58.2	678.9	376.7	1,329.1	312.8	396.2	27.0	189.3	232.0	174.7	3,774.8	9,163.3	1993 Mar. qtr	6,438	687.0	3,178	278.7	9,616	965.7	205.2	72.1	63.3	100.2	156.2	61.0	95.0	5.2	36.2	50.2	27.6	666.9	1,837.8	
June qtr	6,419	655.3	3,853	318.9	10,272	974.2	236.1	15.0	51.7	49.9	190.2	341.3	97.1	24.3	43.4	50.5	33.5	896.9	2,107.1	Sept. qtr	6,884	723.2	4,541	367.9	11,425	1,091.1	224.3	11.3	357.7	54.6	842.0	60.5	62.3	5.9	15.3	55.6	28.8	1,494.2	2,809.6	
Dec. qtr	8,479	884.2	5,190	415.2	13,669	1,299.5	314.0	22.2	186.9	199.5	193.3	88.5	126.5	7.4	45.6	67.4	82.6	1,020.0	2,633.5	1994 Mar. qtr	6,347	718.6	4,063	347.9	10,910	1,066.5	237.8	9.1	73.5	72.8	119.5	72.5	145.2	9.4	65.6	58.2	35.9	661.6	1,965.9	
June qtr	6,199	668.5	3,272	261.2	9,471	929.7	225.5	15.5	60.8	49.8	174.2	91.2	62.2	4.3	62.7	50.7	27.4	599.0	1,754.3																					

TABLE 1. SUMMARY OF BUILDING ACTIVITY, NSW - continued

Period	New residential building										Non-residential building																			
	Houses					Other residential buildings					Total					Alterations and additions to residential buildings etc.					Shops Factories Offices business premises Educational Religious Health Entertainment and recreational Miscellaneous					Total building				
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Hotels etc.	Shops	Factories	Offices	business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	Total									
VALUE OF WORK DONE DURING PERIOD																														
1991-92	..	2,660.7	..	1,028.3	..	3,689.0	..	941.8	..	391.6	..	456.6	..	391.4	..	1,433.1	..	212.9	..	266.8	..	195.4	..	4,167.5	..	8,798.3				
1992-93	..	2,850.2	..	1,403.9	..	4,254.1	..	990.9	..	131.0	..	450.9	..	350.1	..	1,041.8	..	322.7	..	269.3	..	148.6	..	3,450.0	..	8,695.0				
1993-94	..	3,087.5	..	1,463.9	..	4,551.4	..	1,049.0	..	94.1	..	421.0	..	286.2	..	732.7	..	376.7	..	346.7	..	137.2	..	3,167.8	..	8,768.2				
1993 Mar. qtr	..	681.3	..	325.9	..	1,007.2	..	221.4	..	12.6	..	104.7	..	82.3	..	213.4	..	178.3	..	80.6	..	36.8	..	880.6	..	2,109.3				
June qtr	..	693.9	..	322.5	..	1,016.4	..	241.1	..	15.3	..	95.2	..	75.1	..	228.1	..	64.6	..	76.4	..	31.9	..	795.7	..	2,053.2				
Sept. qtr	..	805.2	..	361.2	..	1,166.4	..	268.3	..	20.5	..	135.2	..	77.9	..	214.9	..	77.4	..	97.2	..	25.2	..	825.8	..	2,260.4				
Dec. qtr	..	749.2	..	394.4	..	1,143.6	..	271.7	..	23.4	..	125.5	..	81.7	..	186.3	..	87.6	..	98.4	..	38.2	..	870.4	..	2,285.7				
1994 Mar. qtr r	..	690.6	..	333.0	..	1,023.5	..	234.7	..	19.3	..	64.5	..	53.9	..	165.7	..	87.4	..	77.5	..	30.0	..	676.2	..	1,934.3				
June qtr	..	842.6	..	375.3	..	1,217.9	..	274.3	..	31.0	..	95.7	..	72.8	..	165.6	..	124.3	..	73.6	..	43.8	..	795.5	..	2,287.7				
VALUE OF WORK YET TO BE DONE																														
1991-92	..	791.6	..	618.9	..	1,410.5	..	251.6	..	331.0	..	326.4	..	137.2	..	1,075.0	..	75.9	..	328.0	..	87.0	..	2,622.6	..	4,284.7				
1992-93	..	780.7	..	609.3	..	1,390.0	..	246.9	..	308.8	..	305.2	..	134.0	..	593.9	..	254.4	..	190.7	..	34.4	..	2,116.0	..	3,753.0				
1993-94	..	809.9	..	671.5	..	1,481.3	..	281.6	..	110.1	..	241.3	..	113.6	..	385.3	..	298.1	..	94.9	..	72.8	..	1,573.2	..	3,336.2				
1993 Mar. qtr	..	756.7	..	587.0	..	1,343.7	..	236.1	..	309.1	..	311.2	..	110.6	..	691.9	..	264.0	..	196.8	..	39.4	..	2,228.4	..	3,808.2				
June qtr	..	780.7	..	609.3	..	1,390.0	..	246.9	..	308.8	..	305.2	..	134.0	..	593.9	..	254.4	..	190.7	..	34.4	..	2,116.0	..	3,753.0				
Sept. qtr	..	780.6	..	623.2	..	1,403.8	..	261.8	..	263.3	..	254.1	..	103.6	..	396.2	..	257.2	..	167.7	..	41.7	..	1,809.7	..	3,475.3				
Dec. qtr	..	757.4	..	638.2	..	1,395.6	..	265.0	..	281.4	..	230.7	..	84.0	..	436.1	..	237.5	..	134.8	..	79.6	..	1,812.0	..	3,472.5				
1994 Mar. qtr r	..	741.6	..	641.7	..	1,383.2	..	264.1	..	121.7	..	216.1	..	66.4	..	419.6	..	341.2	..	128.6	..	73.4	..	1,627.6	..	3,274.9				
June qtr	..	809.9	..	671.5	..	1,481.3	..	281.6	..	110.1	..	241.3	..	113.6	..	385.3	..	298.1	..	94.9	..	72.8	..	1,573.2	..	3,336.2				

NOTE: The number of self-contained dwelling units commenced as part of the construction of non-residential building and alterations and additions to existing buildings (including conversions to dwelling units) are excluded from this table. There were 791 such dwelling units commenced in the June quarter 1994.

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, NSW

Period	New residential building				Non-residential building											Total building			
	Houses		Other residential buildings		Total		Value (\$m)												
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health		Recreational	Miscellaneous	Total
COMMENCED																			
1991-92	25,412	2,583.9	11,542	911.3	36,954	3,495.1	893.5	1,45.8	265.4	305.3	711.3	168.4	84.2	32.8	70.8	214.5	80.5	2,079.0	6,467.6
1992-93	26,554	2,734.1	14,225	1,163.3	40,779	3,897.4	939.1	1,079.9	378.7	290.8	349.3	189.7	124.4	38.0	67.4	134.5	54.1	1,734.8	6,571.2
1993-94	28,533	3,003.1	16,502	1,382.5	45,035	4,385.6	1,040.6	87.7	342.8	249.6	377.7	226.4	83.9	39.1	225.0	206.9	83.7	1,922.8	7,348.9
1993 Mar. qtr	6,105	641.0	3,518	298.4	9,623	939.4	211.6	11.5	63.3	82.6	70.2	45.0	25.2	6.0	13.8	56.0	10.1	383.8	1,534.8
June qtr	6,779	686.9	3,562	296.1	10,341	982.9	234.8	14.2	72.1	83.8	62.5	31.7	40.6	21.0	22.4	40.0	10.0	398.2	1,616.0
Sept. qtr	7,403	766.9	3,840	330.7	11,243	1,097.6	269.7	20.8	83.4	48.1	102.8	76.3	25.4	12.8	66.2	59.4	19.2	514.4	1,881.7
Dec. qtr	6,699	703.0	4,571	379.5	11,270	1,082.5	269.8	37.6	96.1	54.8	84.9	57.7	28.9	11.2	16.3	46.6	20.0	454.3	1,806.6
1994 Mar. qtr	6,153	655.5	3,642	313.2	9,795	968.6	218.7	13.7	48.1	34.0	117.0	33.7	13.2	7.9	80.0	67.9	21.3	436.7	1,624.0
June qtr	8,278	877.8	4,449	359.1	12,727	1,236.9	282.3	15.5	115.3	112.7	73.0	58.6	16.4	7.1	62.4	33.0	23.3	517.4	2,036.5
UNDER CONSTRUCTION AT END OF PERIOD																			
1991-92	15,764	1,775.2	9,069	904.1	24,833	2,679.3	586.4	708.4	686.3	398.6	1,391.8	194.9	47.5	28.6	55.0	253.3	83.0	3,847.1	7,112.9
1992-93	15,326	1,729.9	10,377	1,017.8	25,703	2,747.7	592.7	3,473.3	672.8	346.8	973.1	150.2	67.3	22.3	50.8	136.2	58.3	2,825.2	6,165.6
1993-94	15,949	1,850.8	12,091	1,203.8	28,040	3,054.7	669.9	1,632.2	361.6	227.5	437.3	163.0	37.1	35.6	195.8	161.8	71.4	1,854.2	5,578.8
1993 Mar. qtr	14,895	1,689.5	10,128	985.4	25,023	2,674.9	581.5	3,487.7	638.5	297.0	1,065.1	164.1	62.5	26.0	61.1	128.4	66.7	2,858.0	6,114.4
June qtr	15,326	1,729.9	10,377	1,017.8	25,703	2,747.7	592.7	3,473.3	672.8	346.8	973.1	150.2	67.3	22.3	50.8	136.2	58.3	2,825.2	6,165.6
Sept. qtr	16,094	1,815.4	10,449	1,047.9	26,543	2,863.3	646.6	3,097.7	424.0	333.7	478.7	176.1	74.7	29.7	112.2	151.4	55.9	2,146.2	5,656.0
Dec. qtr	14,497	1,665.6	11,058	1,099.5	25,555	2,765.1	609.3	3,273.3	328.0	194.3	426.0	170.4	77.4	32.9	101.8	150.8	63.0	1,872.0	5,246.4
1994 Mar. qtr	13,807	1,617.3	10,800	1,081.9	24,607	2,699.2	605.0	1,601.9	304.1	156.0	458.8	161.0	45.7	33.3	161.0	166.5	62.7	1,710.1	5,014.3
June qtr	15,949	1,850.8	12,091	1,203.8	28,040	3,054.7	669.9	1,632.2	361.6	227.5	437.3	163.0	37.1	35.6	195.8	161.8	71.4	1,854.2	5,578.8
COMPLETED																			
1991-92	24,303	2,493.7	10,230	797.6	34,533	3,291.3	947.5	741.7	278.0	296.6	1,253.3	326.8	152.9	33.1	68.9	252.0	116.6	3,520.0	7,758.9
1992-93	26,519	2,764.2	12,548	1,059.9	39,067	3,824.1	959.9	4,699.9	402.9	390.1	775.7	237.6	106.2	44.8	77.3	161.9	75.4	2,741.8	7,525.8
1993-94	27,608	2,916.2	14,545	1,219.6	42,153	4,135.8	993.8	55.7	646.4	371.2	817.8	212.2	106.1	27.0	89.0	180.0	72.9	2,578.4	7,707.9
1993 Mar. qtr	6,359	679.2	2,689	240.3	9,048	919.5	203.2	71.9	60.6	99.1	74.5	46.5	28.2	5.2	15.5	43.7	15.9	461.1	1,583.8
June qtr	6,218	635.3	3,223	268.2	9,441	903.5	234.5	15.0	49.3	46.8	162.1	45.4	35.9	24.3	32.7	42.2	18.5	472.1	1,610.2
Sept. qtr	6,560	692.8	3,652	303.0	10,212	995.9	223.5	11.1	330.8	54.2	489.8	40.2	12.5	5.9	7.6	44.1	21.6	1,017.9	2,237.3
Dec. qtr	8,207	858.4	3,895	334.0	12,102	1,192.4	309.8	21.2	185.9	199.2	138.5	66.3	24.9	7.4	28.9	47.6	13.7	733.6	2,235.8
1994 Mar. qtr	6,761	709.5	3,865	331.6	10,626	1,041.2	236.1	7.9	71.6	72.6	86.6	44.8	44.0	9.4	19.8	47.6	19.5	423.8	1,701.1
June qtr	6,080	655.4	3,133	251.0	9,213	906.3	224.4	15.4	58.2	45.2	102.8	60.9	24.8	4.3	32.6	40.7	18.2	403.1	1,533.8

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

New residential building		Value (\$m)																
Houses		Other residential buildings				Alterations and additions to residential buildings				Non-residential building								
Period	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	Total	
																		Total building
VALUE OF WORK DONE DURING PERIOD																		
1991-92	..	2,579.6	..	823.0	..	3,402.6	933.1	391.1	446.8	379.0	951.8	102.4	31.3	61.9	211.5	95.0	2,898.6	7,234.3
1992-93	..	2,776.8	..	1,142.7	..	3,919.4	986.5	131.8	418.3	343.7	623.9	105.2	44.3	79.9	169.2	74.2	2,196.6	7,102.6
1993-94	..	3,022.6	..	1,346.1	..	4,368.6	1,041.0	91.1	402.0	279.9	385.1	101.6	35.3	156.4	195.6	71.8	1,943.2	7,352.8
1993 Mar. qtr	..	666.8	..	277.4	..	944.1	220.1	12.6	99.5	81.8	110.0	28.1	6.3	22.7	50.2	19.2	478.6	1,642.8
June qtr	..	666.4	..	273.7	..	940.1	239.2	14.8	88.5	73.4	124.9	45.1	22.2	18.0	42.8	16.4	474.3	1,653.6
Sept. qtr	..	778.1	..	312.4	..	1,090.5	265.1	19.7	128.9	77.2	125.3	41.4	6.9	28.4	50.2	10.8	513.5	1,869.1
Dec. qtr	..	735.0	..	355.7	..	1,090.7	269.1	22.2	123.8	80.5	100.1	38.1	9.1	32.3	52.3	18.0	541.9	1,901.7
1994 Mar. qtr	..	682.4	..	320.2	..	1,002.6	233.8	19.0	60.4	52.8	76.6	25.0	10.6	35.4	45.8	17.9	392.5	1,628.9
June qtr	..	827.1	..	357.7	..	1,184.8	273.0	30.1	88.9	69.4	83.0	13.8	8.8	60.4	47.3	25.0	495.3	1,953.1
VALUE OF WORK YET TO BE DONE																		
1991-92	..	783.7	..	516.0	..	1,299.7	250.8	330.7	325.0	135.2	640.4	91.5	21.9	30.3	151.7	38.4	1,781.5	3,331.9
1992-93	..	764.5	..	562.1	..	1,326.6	245.0	307.9	298.7	133.2	380.0	80.7	42.7	30.1	59.9	16.6	1,360.7	2,932.3
1993-94	..	799.4	..	634.5	..	1,433.9	280.9	108.9	233.9	112.8	283.3	87.3	18.7	107.8	74.2	31.6	1,074.8	2,789.5
1993 Mar. qtr	..	744.8	..	530.8	..	1,275.6	235.2	309.1	303.4	109.8	433.3	94.1	30.2	25.6	52.2	21.6	1,391.6	2,902.4
June qtr	..	764.5	..	562.1	..	1,326.6	245.0	307.9	298.7	133.2	380.0	80.7	42.7	30.1	59.9	16.6	1,360.7	2,932.3
Sept. qtr	..	772.0	..	586.9	..	1,359.0	259.7	264.6	252.0	103.2	250.2	111.5	38.1	70.8	70.4	25.7	1,203.6	2,822.3
Dec. qtr	..	754.2	..	621.9	..	1,376.1	264.2	281.3	218.3	82.7	236.0	106.6	28.2	57.2	66.7	28.5	1,124.7	2,765.1
1994 Mar. qtr	..	737.0	..	619.1	..	1,356.1	263.5	121.4	207.0	64.9	278.6	92.9	15.9	100.8	84.3	29.8	1,014.1	2,633.7
June qtr	..	799.4	..	634.5	..	1,433.9	280.9	108.9	233.9	112.8	283.3	87.3	18.7	107.8	74.2	31.6	1,074.8	2,789.5

TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, NSW

Period	New residential building										Non-residential building									
	Houses					Other residential buildings					Total					Value (\$m)				
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	Total		
COMMENCED																				
1991-92	975	80.4	2,809	231.2	3,784	311.5	5.3	0.7	10.9	11.6	430.1	58.3	222.0	0.2	69.3	212.2	52.3	1,867.7	1,384.6	
1992-93	843	81.6	2,839	203.6	3,682	285.1	5.5	1.9	37.1	3.6	169.0	54.1	308.4	—	407.1	40.8	41.9	1,664.0	1,354.6	
1993-94	614	59.1	1,636	104.7	2,250	163.8	6.6	3.3	19.9	6.2	232.3	85.2	288.3	—	183.5	41.4	84.6	946.7	1,117.1	
1993 Mar. qtr	199	19.3	607	44.1	806	63.4	2.1	—	2.5	0.4	66.7	6.9	72.6	—	320.3	7.3	11.8	488.5	554.0	
June qtr	341	31.7	580	39.2	921	70.9	2.9	1.4	5.3	0.4	51.0	17.1	81.0	—	40.7	7.9	12.1	216.8	290.6	
Sept. qtr	200	19.5	681	38.7	881	58.2	3.3	0.5	2.0	0.2	28.3	19.5	76.0	—	10.2	13.5	9.0	159.1	220.6	
Dec. qtr	87	8.7	244	18.1	331	26.8	1.2	0.6	11.9	1.9	140.9	40.5	79.2	—	52.5	16.1	54.8	398.4	426.4	
1994 Mar. qtr	94	9.6	280	18.3	374	27.9	0.7	0.4	0.9	1.3	30.2	12.5	48.3	—	110.5	7.2	6.7	218.0	246.6	
June qtr	233	21.3	431	29.6	664	50.9	1.4	1.8	5.1	2.8	33.0	12.7	84.9	—	12.3	4.5	14.2	171.3	223.5	
UNDER CONSTRUCTION AT END OF PERIOD																				
1991-92	210	17.5	2,274	197.0	2,484	214.4	2.7	0.7	2.8	8.3	969.9	299.6	251.5	0.2	197.2	300.8	91.6	2,013.6	2,230.8	
1992-93	390	37.1	1,821	129.4	2,211	166.5	3.2	1.3	28.7	2.7	703.8	34.7	303.1	—	490.2	227.5	87.4	1,879.4	2,049.1	
1993-94	203	17.9	932	64.3	1,135	82.2	2.1	2.2	16.0	3.7	428.0	12.1	319.8	—	576.1	216.4	74.2	1,648.5	1,732.8	
1993 Mar. qtr	250	25.2	1,871	140.3	2,121	165.5	1.9	—	25.5	4.2	683.3	310.7	281.3	—	468.5	215.9	86.8	2,076.3	2,243.7	
June qtr	390	37.1	1,821	129.4	2,211	166.5	3.2	1.3	28.7	2.7	703.8	34.7	303.1	—	490.2	227.5	87.4	1,879.4	2,049.1	
Sept. qtr	266	26.2	1,609	102.2	1,875	128.5	5.7	1.6	3.8	2.7	373.1	33.6	334.6	—	493.6	229.5	92.7	1,565.1	1,699.3	
Dec. qtr	81	9.1	558	39.8	639	48.9	2.8	1.2	14.7	4.4	458.7	54.6	322.8	—	526.2	226.6	78.9	1,688.1	1,739.7	
1994 Mar. qtr	89	9.7	640	42.5	729	52.1	1.9	0.5	13.6	5.5	455.7	30.0	270.6	—	592.6	223.7	67.1	1,659.3	1,713.3	
June qtr	203	17.9	932	64.3	1,135	82.2	2.1	2.2	16.0	3.7	428.0	12.1	319.8	—	576.1	216.4	74.2	1,648.5	1,732.8	
COMPLETED																				
1991-92	951	82.0	2,356	259.8	3,307	341.8	25.6	—	9.4	12.3	466.1	233.5	334.7	—	145.2	52.1	163.2	1,416.7	1,784.1	
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	235.8	0.2	128.5	27.7	47.9	1,270.7	1,610.8	
1993-94	801	78.3	2,521	172.7	3,322	251.0	7.9	2.5	32.5	5.5	511.3	100.6	280.1	—	100.3	52.0	101.7	1,196.5	1,455.4	
1993 Mar. qtr	79	7.9	489	38.4	568	46.2	1.9	0.2	2.8	1.1	81.7	14.4	66.7	—	20.6	6.5	11.7	205.8	253.9	
June qtr	201	19.9	630	50.7	831	70.6	1.6	0.1	2.4	3.1	28.1	29.9	61.1	—	10.7	8.3	15.1	424.7	496.9	
Sept. qtr	324	30.4	889	64.9	1,213	95.3	0.8	0.2	26.9	0.4	352.2	20.3	49.8	—	7.7	11.6	7.1	476.3	572.4	
Dec. qtr	272	25.8	1,295	81.2	1,567	107.1	4.2	1.0	1.0	0.3	54.8	22.2	101.6	—	16.7	19.8	69.0	286.4	397.7	
1994 Mar. qtr	86	9.0	198	16.3	284	25.3	1.7	1.2	1.9	0.2	32.9	27.7	101.2	—	45.8	10.6	16.4	237.8	264.8	
June qtr	119	13.1	139	10.2	258	23.4	1.2	0.1	2.6	4.6	71.4	30.3	37.5	—	30.2	10.0	9.2	195.9	230.5	

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

Period	New residential building				Non-residential building										Total building				
	Houses		Other residential buildings		Total		Value (\$m)												
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Alterations and additions to residential buildings	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious		Health	Entertainment and recreational	Miscellaneous	Total
VALUE OF WORK DONE DURING PERIOD																			
1991-92	..	81.1	..	205.3	..	286.4	8.7	0.5	9.7	12.4	481.3	234.0	224.1	—	151.0	55.3	106.5	1,268.9	1,564.0
1992-93	..	73.5	..	261.2	..	334.7	4.4	1.2	32.6	6.4	417.9	89.6	288.1	0.2	242.8	100.1	74.4	1,253.3	1,592.4
1993-94	..	64.9	..	117.9	..	182.8	7.9	3.1	19.0	6.4	347.6	89.0	322.8	—	220.3	151.1	65.5	1,224.6	1,415.4
1993 Mar. qtr	..	14.5	..	48.6	..	63.1	1.4	—	5.2	0.5	103.4	11.3	78.2	—	155.5	30.4	17.6	402.0	466.5
June qtr	..	27.5	..	48.8	..	76.3	1.9	0.5	6.8	1.7	103.2	20.5	93.1	—	46.5	33.6	15.5	321.4	399.6
Sept. qtr	..	27.1	..	48.8	..	76.0	3.2	0.7	6.4	0.7	89.6	24.5	79.9	—	49.0	47.0	14.4	312.3	391.4
Dec. qtr	..	14.1	..	38.8	..	52.9	2.6	1.2	1.7	1.1	86.2	27.1	89.6	—	55.4	46.1	30.2	328.5	384.0
1994 Mar. qtr	..	8.2	..	12.7	..	20.9	0.9	0.3	4.1	1.1	89.1	20.6	72.5	—	52.1	31.7	12.2	283.6	305.4
June qtr	..	15.5	..	17.6	..	33.1	1.2	0.9	6.8	3.4	82.6	16.8	80.8	—	63.9	26.3	18.8	300.2	334.5
VALUE OF WORK YET TO BE DONE																			
1991-92	..	8.0	..	102.9	..	110.8	0.8	0.3	1.4	2.0	434.6	11.2	121.0	0.2	45.6	176.7	48.6	841.2	952.8
1992-93	..	16.3	..	47.2	..	63.4	1.9	0.9	6.5	0.8	213.8	14.9	145.4	—	224.3	130.8	17.9	755.3	820.6
1993-94	..	10.5	..	37.0	..	47.5	0.8	1.2	7.5	0.8	102.1	4.5	130.1	—	190.3	20.7	41.2	498.4	546.7
1993 Mar. qtr	..	11.9	..	56.2	..	68.1	0.9	—	7.8	0.8	258.6	15.5	153.3	—	238.4	144.6	17.8	836.8	905.8
June qtr	..	16.3	..	47.2	..	63.4	1.9	0.9	6.5	0.8	213.8	14.9	145.4	—	224.3	130.8	17.9	755.3	820.6
Sept. qtr	..	8.6	..	36.2	..	44.9	2.1	0.7	2.2	0.5	146.9	10.2	146.9	—	186.3	97.3	16.0	606.1	653.1
Dec. qtr	..	3.2	..	16.3	..	19.5	0.8	0.1	12.4	1.3	200.2	25.8	147.9	—	180.3	68.1	51.1	687.2	707.5
1994 Mar. qtr	..	4.6	..	22.5	..	27.1	0.6	0.3	9.2	1.5	141.0	8.9	124.4	—	240.4	44.3	43.7	613.4	641.2
June qtr	..	10.5	..	37.0	..	47.5	0.8	1.2	7.5	0.8	102.1	4.5	130.1	—	190.3	20.7	41.2	498.4	546.7

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

Period	Other residential buildings (a)	Non residential building										Total
		Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	
COMMENCED												
1991-92	809.4	99.7	213.2	169.6	817.8	144.7	205.5	25.4	71.7	329.5	66.3	2,143.3
1992-93	(+)992.4	86.7	326.6	210.8	434.3	149.9	265.3	12.6	400.4	109.4	50.4	2,046.4
1993-94	1,216.2	52.7	273.4	193.4	531.3	239.6	222.9	30.7	294.1	184.5	112.9	2,135.7
1993 -												
March	260.8	6.0	46.6	58.1	104.0	38.1	60.1	4.2	330.0	41.3	14.5	702.8
June	256.5	7.8	53.1	64.2	92.9	25.6	90.0	1.8	12.5	31.1	12.1	391.1
September	297.5	10.4	58.1	35.1	114.5	79.5	54.0	9.9	21.5	57.5	18.1	458.3
December	347.8	29.1	82.1	31.9	212.5	78.4	63.3	9.3	59.6	48.7	60.8	675.8
1994 -												
March r	250.6	5.3	36.6	22.3	118.5	30.1	31.1	6.5	155.7	60.3	16.7	483.3
June	320.3	7.9	96.6	104.1	85.9	51.6	74.5	5.0	57.3	18.1	17.4	518.3
UNDER CONSTRUCTION AT END OF PERIOD												
1991-92	885.9	677.5	659.4	303.2	2,311.6	453.1	180.2	21.5	179.5	388.2	116.4	5,290.5
1992-93	918.2	332.5	649.0	289.3	1,641.2	137.8	237.6	12.8	481.9	293.2	110.0	4,185.3
1993-94	1,095.4	140.3	340.6	186.9	823.4	142.6	224.6	27.5	632.7	344.9	109.5	2,973.0
1993 -												
March	885.8	335.5	624.1	250.5	1,701.8	424.8	199.5	18.1	508.6	283.4	105.7	4,451.8
June	918.2	332.5	649.0	289.3	1,641.2	137.8	237.6	12.8	481.9	293.2	110.0	4,185.3
September	945.1	291.1	370.3	287.5	810.7	160.0	256.4	20.0	495.9	333.7	121.4	3,146.9
December	965.3	313.2	306.2	152.9	849.1	169.1	249.5	23.9	515.8	343.2	104.5	3,027.3
1994 -												
March r	949.4	140.5	283.9	114.4	877.4	160.7	186.8	26.1	619.9	366.0	95.9	2,871.5
June	1,095.4	140.3	340.6	186.9	823.4	142.6	224.6	27.5	632.7	344.9	109.5	2,973.0
COMPLETED												
1991-92	800.4	713.7	220.5	225.2	1,589.4	469.6	350.6	21.5	175.6	168.1	193.2	4,127.5
1992-93	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	1,065.0	26.2	581.7	293.0	1,254.6	221.0	236.2	17.2	147.9	128.4	120.5	3,026.7
1993 -												
March	206.9	46.1	52.1	73.8	128.9	39.1	49.2	2.8	22.3	32.6	11.3	458.4
June	231.9	10.9	40.1	38.0	158.5	315.4	53.8	6.7	30.3	42.0	11.4	706.9
September	275.2	3.8	336.8	28.9	830.5	46.2	34.1	3.2	11.7	16.5	10.9	1,322.6
December	333.7	8.1	146.2	170.5	174.3	72.1	70.5	4.8	38.6	39.2	78.2	802.4
1994												
March r	267.9	5.3	59.3	59.3	92.2	28.7	93.1	6.1	51.6	33.8	22.2	451.6
June	188.3	9.0	39.4	34.2	157.5	74.1	38.5	3.1	46.0	38.9	9.2	450.1

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

Period	Non-residential building										Total	
	Other residential buildings (a)	Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational		Miscellaneous
VALUE OF WORK DONE DURING PERIOD												
1991-92	734.2	347.7	390.3	261.2	1,305.6	379.8	204.1	23.3	146.3	149.1	121.1	3,328.4
1992-93	1,031.3	104.4	377.3	252.6	947.3	198.7	233.0	19.6	271.4	185.9	82.5	2,672.6
1993-94	1,144.5	58.2	331.7	208.7	647.3	231.6	267.8	34.5	256.0	278.3	89.3	2,393.3
1993 -												
March	240.3	8.7	90.5	64.9	189.7	35.8	59.3	3.5	170.7	57.6	20.0	700.7
June	232.7	8.4	76.2	55.0	205.3	41.2	68.4	5.4	52.6	55.5	18.1	586.1
September	280.2	9.9	105.8	56.1	193.4	45.0	68.4	4.3	55.8	74.0	18.5	633.3
December	304.9	13.5	100.5	61.2	166.5	73.6	85.5	5.6	56.2	74.7	26.8	664.4
1994 -												
March r	259.7	13.1	50.5	35.6	144.6	47.0	61.7	7.4	58.7	65.9	19.1	503.6
June	299.7	21.7	74.8	55.7	140.8	66.0	52.2	7.1	85.2	63.6	24.9	592.0
VALUE OF WORK YET TO BE DONE												
1991-92	505.3	319.2	310.9	104.8	1,050.1	80.3	95.1	12.1	57.0	290.9	55.0	2,375.5
1992-93	494.5	299.7	273.2	108.7	575.6	74.6	132.7	5.6	208.7	165.1	22.2	1,866.0
1993-94	599.0	96.1	216.2	97.3	371.5	75.5	89.7	13.5	251.4	71.2	53.0	1,335.3
1993 -												
March	460.8	300.2	284.4	86.6	671.7	87.1	107.2	9.5	257.5	168.2	23.4	1,995.8
June	494.5	299.7	273.2	108.7	575.6	74.6	132.7	5.6	208.7	165.1	22.2	1,866.0
September	518.8	255.2	225.5	84.9	380.5	104.5	117.4	11.5	178.5	149.5	26.0	1,533.5
December	570.7	271.9	207.2	59.7	426.6	112.1	96.2	15.2	180.7	125.1	60.6	1,555.3
1994 -												
March r	564.6	109.0	194.6	45.6	402.5	85.4	65.2	16.2	277.7	115.7	55.1	1,367.0
June	599.0	96.1	216.2	97.3	371.5	75.5	89.7	13.5	251.4	71.2	53.0	1,335.3

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

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

Period	Houses				Total			
	Private sector		Total		Private sector		Total	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
1993 Mar. qtr	6,585	6,944	6,847	6,982	10,419	9,805	11,390	10,447
June qtr	6,778	6,201	7,180	6,456	10,595	9,581	11,564	10,527
Sept. qtr	7,055	6,593	7,277	6,944	10,831	10,244	11,495	11,503
Dec. qtr	6,536	7,557	6,569	7,762	10,596	11,055	10,990	12,310
1994 Mar. qtr r	6,655	7,378	6,804	7,420	10,630	11,516	11,116	11,836
June qtr	8,263	6,065	8,473	6,239	13,017	9,349	13,730	9,717

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

Period	New residential building			Alterations and additions to residential buildings	Non-residential building		Total building
	Houses	Other residential buildings	Total		Private sector	Total	
1993 Mar. qtr	722.6	343.2	1,063.9	246.3	522.5	916.7	2,234.1
June qtr	713.9	337.8	1,046.9	248.1	488.1	803.2	2,091.9
Sept. qtr	782.2	350.4	1,136.7	262.6	495.3	812.7	2,193.0
Dec. qtr	709.9	370.8	1,082.6	245.1	503.8	842.9	2,190.4
1994 Mar. qtr r	731.9	350.2	1,080.2	261.0	429.0	702.3	2,046.0
June qtr	867.3	393.2	1,253.6	282.6	509.2	804.0	2,333.0

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

<i>Period</i>	<i>New residential building</i>			<i>Alterations and additions to residential buildings</i>	<i>Non-residential building</i>		<i>Total building</i>
	<i>Houses</i>	<i>Other residential buildings</i>	<i>Total</i>		<i>Private sector</i>	<i>Total</i>	
1991-92	2,518.8	1,223.3	3,742.1	857.4	2,189.0	3,315.1	7,914.6
1992-93	2,664.7	1,482.9	4,147.6	901.7	1,834.9	2,959.9	8,009.2
1993-94	2,851.9	1,606.6	4,458.5	980.9	2,019.7	3,014.5	8,453.9
1993 Mar. qtr	623.5	371.9	995.4	203.1	405.7	922.1	2,120.6
June qtr	677.9	364.1	1,042.0	226.6	420.5	649.4	1,918.0
Sept. qtr	740.5	400.7	1,141.2	258.5	542.0	709.7	2,109.4
Dec. qtr	663.3	429.9	1,093.2	253.0	477.7	896.6	2,242.8
1994 Mar. qtr	616.4	357.6	974.0	205.5	458.2	687.0	1,866.5
June qtr	831.7	418.4	1,250.1	263.9	541.8	721.2	2,235.2

(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*)

<i>Period</i>	<i>New residential building</i>			<i>Alterations and additions to residential buildings</i>	<i>Non-residential building</i>		<i>Total building</i>
	<i>Houses</i>	<i>Other residential buildings</i>	<i>Total</i>		<i>Private sector</i>	<i>Total</i>	
ORIGINAL							
1991-92	2,498.0	1,077.0	3,575.0	884.1	2,992.9	4,304.2	8,763.3
1992-93	2,680.8	1,509.1	4,189.9	932.2	2,307.8	3,624.1	8,746.2
1993-94	2,861.7	1,570.4	4,432.1	972.2	2,030.1	3,309.5	8,713.8
1993 Mar. qtr	639.7	350.2	989.9	208.0	502.2	924.0	2,121.9
June qtr	650.9	347.5	998.4	226.2	497.7	835.0	2,059.6
Sept. qtr	755.3	388.8	1,144.1	251.7	538.3	865.7	2,261.5
Dec. qtr	694.9	423.8	1,118.7	252.0	566.8	910.4	2,281.1
1994 Mar. qtr	637.1	357.2	994.3	216.5	410.1	706.4	1,917.2
June qtr	774.4	400.6	1,175.0	252.0	514.9	827.0	2,254.0
SEASONALLY ADJUSTED							
1993 Mar. qtr	678.5	368.7	1,045.6	231.4	548.3	961.8	2,247.4
June qtr	669.6	364.0	1,028.4	232.7	512.1	842.9	2,098.5
Sept. qtr	733.8	377.1	1,114.9	246.3	519.2	852.0	2,194.0
Dec. qtr	658.5	398.4	1,059.0	227.3	527.0	881.7	2,186.0
1994 Mar. qtr	675.2	375.7	1,049.4	240.8	448.2	733.7	2,027.9
June qtr	797.1	419.7	1,211.4	259.6	529.4	835.8	2,298.7

(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**

Period	Private sector			Public sector			Total				
	Houses			Other residential buildings	Total	Houses	Other residential buildings	Total	Houses	Other residential buildings	Total
	Contractor-built	Other	Total								
COMMENCED											
1991-92	17,541	7,871	25,412	11,542	36,954	975	2,809	3,784	26,387	14,351	40,738
1992-93	19,193	7,361	26,554	14,225	40,779	843	2,839	3,682	27,397	17,064	44,461
1993-94	22,080	6,453	28,533	16,502	45,035	614	1,636	2,250	29,147	18,138	47,285
1993 Mar. qtr	4,222	1,883	6,105	3,518	9,623	199	607	806	6,304	4,125	10,429
June qtr	5,041	1,738	6,779	3,562	10,341	341	580	921	7,120	4,142	11,262
Sept. qtr	5,938	1,465	7,403	3,840	11,243	200	681	881	7,603	4,521	12,124
Dec. qtr	5,093	1,606	6,699	4,571	11,270	87	244	331	6,786	4,815	11,601
1994 Mar. qtr r	4,891	1,262	6,153	3,642	9,795	94	280	374	6,247	3,922	10,169
June qtr	6,157	2,121	8,278	4,449	12,727	233	431	664	8,511	4,880	13,391
UNDER CONSTRUCTION AT END OF PERIOD											
1991-92	5,905	9,859	15,764	9,069	24,833	210	2,274	2,484	15,974	11,343	27,317
1992-93	6,194	9,133	15,326	10,377	25,703	390	1,821	2,211	15,716	12,198	27,914
1993-94	7,419	8,531	15,949	12,091	28,040	203	932	1,135	16,152	13,023	29,175
1993 Mar. qtr	5,544	9,351	14,895	10,128	25,023	250	1,871	2,121	15,145	11,999	27,144
June qtr	6,194	9,133	15,326	10,377	25,703	390	1,821	2,211	15,716	12,198	27,914
Sept. qtr	7,018	9,075	16,094	10,449	26,543	266	1,609	1,875	16,360	12,058	28,418
Dec. qtr	5,755	8,742	14,497	11,058	25,555	81	558	639	14,578	11,616	26,194
1994 Mar. qtr r	5,900	7,907	13,807	10,800	24,607	89	640	729	13,896	11,440	25,336
June qtr	7,419	8,531	15,949	12,091	28,040	203	932	1,135	16,152	13,023	29,175
COMPLETED											
1991-92	16,533	7,770	24,303	10,230	34,533	951	2,356	3,307	25,254	12,586	37,840
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	20,909	6,699	27,608	14,545	42,153	801	2,521	3,322	28,409	17,066	45,475
1993 Mar. qtr	4,466	1,893	6,359	2,689	9,048	79	489	568	6,438	3,178	9,616
June qtr	4,422	1,795	6,218	3,223	9,441	201	630	831	6,419	3,853	10,272
Sept. qtr	5,202	1,358	6,560	3,652	10,212	324	889	1,213	6,884	4,541	11,425
Dec. qtr	6,319	1,888	8,207	3,895	12,102	272	1,295	1,567	8,479	5,190	13,669
1994 Mar. qtr r	4,749	2,011	6,761	3,865	10,626	86	198	284	6,847	4,063	10,910
June qtr	4,638	1,442	6,080	3,133	9,213	119	139	258	6,199	3,272	9,471

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

Period	Commenced				Under construction at end of period				Completed			
	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Total	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Total	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over	Total
	NUMBER											
1991-92	244	2,287	15,010	17,541	108	465	5,331	5,905	231	2,462	13,840	16,533
1992-93	301	2,541	16,351	19,193	66	593	5,535	6,194	379	2,342	16,185	18,906
1993-94	377	2,168	19,535	22,080	110	481	6,827	7,419	370	2,228	18,310	20,909
1993 Mar. qtr	60	501	3,661	4,222	83	551	4,910	5,544	57	471	3,938	4,466
June qtr	60	637	4,344	5,041	66	593	5,535	6,194	60	515	3,847	4,422
Sept. qtr	79	635	5,224	5,938	123	664	6,232	7,018	40	592	4,571	5,202
Dec. qtr	100	599	4,395	5,093	123	565	5,067	5,755	119	656	5,544	6,319
1994 Mar. qtr r	59	497	4,335	4,891	63	475	5,362	5,900	99	589	4,061	4,749
June qtr	139	437	5,581	6,157	110	481	6,827	7,419	112	391	4,134	4,638
VALUE (\$m)												
1991-92	7.6	117.7	1,620.1	1,745.4	3.4	23.7	722.7	749.8	6.9	127.1	1,529.9	1,663.9
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	1,953.5
1993-94	11.7	113.6	2,161.1	2,286.4	3.3	25.3	877.7	906.2	11.9	115.9	2,048.6	2,176.3
1993 Mar. qtr	1.4	26.6	393.6	421.7	2.1	28.9	634.8	665.9	1.7	24.6	445.3	471.6
June qtr	1.4	33.5	484.1	519.1	2.0	30.8	726.5	759.2	1.2	26.9	415.7	443.8
Sept. qtr	2.2	33.7	564.8	600.7	3.5	34.7	800.5	838.6	1.2	31.1	504.4	536.8
Dec. qtr	3.5	30.2	488.7	522.4	3.6	28.5	676.7	708.9	4.2	33.6	613.6	651.3
1994 Mar. qtr r	1.5	26.7	491.9	520.1	1.7	24.3	718.4	744.4	2.8	30.6	459.1	492.5
June qtr	4.5	23.0	615.8	643.3	3.3	25.3	877.7	906.2	3.7	20.5	471.5	495.8

**TABLE 11. SUMMARY OF BUILDING ACTIVITY, NSW
RELATIVE STANDARD ERRORS, JUNE QUARTER 1994
(per cent)**

Ownership and stage of construction	New residential building				Value	
	Houses		Total		Alterations and additions to residential buildings	Total building
	Number	Value	Number of dwelling units	Value		
PRIVATE SECTOR						
Commenced	3.1	3.7	1.9	2.2	4.0	1.5
Under construction at end of period	2.8	3.1	1.6	1.7	3.2	1.0
Completed	5.0	5.7	3.3	4.1	5.2	2.6
Value of work done	..	3.2	..	2.3	3.5	1.5
Value of work yet to be done	..	3.7	..	1.7	3.6	1.0
TOTAL PRIVATE AND PUBLIC SECTORS						
Commenced	3.0	3.6	1.8	2.1	4.0	1.4
Under construction at end of period	2.8	3.1	1.5	1.7	3.2	0.8
Completed	4.9	5.6	3.2	4.0	5.2	2.2
Value of work done	..	3.2	..	2.2	3.5	1.2
Value of work yet to be done	..	3.6	..	1.7	3.6	0.9

EXPLANATORY NOTES

Introduction

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

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

(a) A sample survey of private sector house building activity involving new house construction or alterations and additions valued at \$10,000 or more to houses.

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

3. Prior to the September quarter 1990, the cut-off for inclusion of non-residential building jobs (both new and

alterations and additions) was \$30,000 or more and prior to the September quarter 1985 it was \$10,000 or more. Care should be taken in interpreting data for specific classes of non-residential building.

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

Scope and coverage

5. The statistics relate to *building* activity which includes construction of new buildings and alterations and additions to existing buildings. Construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.) is excluded.

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

Definitions

7. A *building* is defined as a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design, to satisfy its intended use, is the provision for regular access by persons.

8. A *dwelling unit* is defined as a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Units (whether self-contained or not) within buildings offering institutional care, such as hospitals, or temporary accommodation such as motels, hostels and holiday apartments, are not defined as dwelling units. The value of units of this type is included in the appropriate category of non-residential building.

9. A *residential building* is defined as a building predominantly consisting of one or more dwelling units. Residential buildings can be either *houses* or *other residential buildings*.

(a) A *house* is defined as a detached building predominantly used for long-term residential purposes and consisting of only one dwelling unit. Thus, detached 'granny flats' and detached dwelling units (such as caretakers' residences) associated with non-residential buildings are defined as houses for the purpose of these statistics.

(b) An *other residential building* is defined as a building which is predominantly used for long-term residential purposes and which contains (or has attached to it) more than one dwelling unit (e.g. includes townhouses, duplexes, apartment buildings, etc.).

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

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

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

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

Valuation of building jobs

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

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

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

- (b) *Value of building completed* represents the actual completion value based, where practicable, on the market or contract price of building jobs including site preparation costs but excluding the value of land and landscaping.
- (c) *Value of building work done during the period* represents the estimated value of building work actually carried out during the quarter on building jobs which have commenced.
- (d) *Value of building work yet to be done* represents the difference between the anticipated completion value and the estimated value of work done up to the end of the period on building jobs commenced but not completed.

Building classification

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

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

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

17. *Functional classification of buildings.* A building is classified according to its intended major function. Hence, a building which is ancillary to other buildings or forms a part of a group of related buildings is classified to the function of the building and not to the function of the group as a whole. An example of this can be seen in the treatment of building work approved for a factory complex. In this case a detached administration building would be classified to Offices, a detached cafeteria building to Shops, while factory buildings would be classified to Factories. An exception to this rule is the treatment of group accommodation buildings where, for example, a student accommodation building on a university campus would be classified to Educational.

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

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

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

Reliability of the estimates

19. Since the figures for private sector house building activity (including alterations and additions) are derived from information obtained from a sample of approved building jobs, they are subject to sampling error; that is, they may differ from the figures that would have been obtained if information for all approved jobs for the relevant period had been included in the survey. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of approved jobs was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all approved jobs had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the *relative standard error*, which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard errors of estimates provide an indication of the percentage errors likely to have occurred due to sampling, and are shown in Table 11.

20. An example of the use of relative standard errors is as follows. Assume that the estimate of the number of new private sector houses commenced during the latest quarter is 2,000 (for actual estimate see Table 2) and that the associated relative standard error is 2.5 per cent (for actual percentage see Table 11). There would then be about two chances in three that the number which would have been obtained if information had been collected about all approved private sector house jobs would have been within the range 1,950 to 2,050 (2.5 per cent of 2,000 is 50) and about nineteen chances in twenty that the number would have been within the range 1,900 to 2,100.

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

Seasonal adjustment

22. Seasonally adjusted building statistics are shown in Tables 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. Details of the methods used in seasonally adjusting the series are given in *Seasonally Adjusted Indicators, Australia* (1308.0).

23. Since seasonally adjusted statistics reflect both irregular and trend movements, an upward or downward movement in a seasonally adjusted series does not necessarily indicate a change of trend. Particular care should therefore be taken in interpreting individual quarter to quarter movements. Each of the component series shown has been seasonally adjusted independently. As a consequence, while the unadjusted components in the original series shown add to the totals, the adjusted components may not add to the adjusted totals. Further, the difference between independently seasonally adjusted series does not necessarily produce series which are optimal or even adequate adjustments of the similarly derived original series. Thus the figures which can be derived by subtracting seasonally adjusted private sector dwelling units from the seasonally adjusted total should not be used to represent seasonally adjusted public sector dwelling units.

Estimates at constant prices

24. Estimates of the value of commencements and work done at average 1989-90 prices are shown in Tables 7 and 8. 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, New South Wales (8731.1) – monthly (\$11.00)

Dwelling Unit Commencements Reported by Approving Authorities, New South Wales (8741.1) – monthly (\$11.00)

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

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

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

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

Housing Finance for Owner Occupation, Australia (5609.0) – monthly (\$11.00)

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

Symbols and other usages

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

GREG 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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