

690.5
H.S. N
C

New South Wales



CATALOGUE NO. 8752.1
EMBARGOED UNTIL 11.30 a.m. 19 December 1990

BUILDING ACTIVITY, NEW SOUTH WALES JUNE QUARTER 1990

- INQUIRIES:** If you would like to obtain further information about these statistics:
- ring Dennis Jolliffe on (02) 268 4178;
 - call at the Australian Bureau of Statistics, St. Andrew's House, Sydney Square, Sydney;
 - ring Information Services on (02) 268 4611; or
 - write to Information Services, Australian Bureau of Statistics, Box 796 GPO, Sydney 2001.

MAIN FEATURES

Value of Building Activity (\$m)

	June qtr 1989	Mar. qtr 1990	June qtr 1990	June qtr 1989 to June qtr 1990 change	Mar. qtr 1990 to June qtr 1990 change
Commenced	2,937	2,293	2,289	-2.2%	0%
Under construction	11,580	12,794	12,686	+10%	-1%
Completed	2,177	2,027	2,665	+22%	+31%

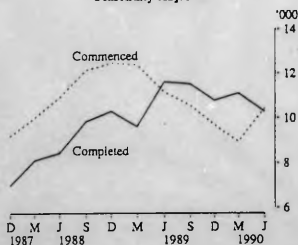
Commencements of dwelling units

The seasonally adjusted estimate of the number of new dwelling units commenced in the June quarter 1990 (10,420) was 16% higher than the March quarter 1990 and 7% lower than in the June quarter 1989. Seasonally adjusted, the number of private sector houses commenced in the June quarter (6,900) increased by 9% from the previous quarter, and was 8% lower than the corresponding quarter in the previous year.

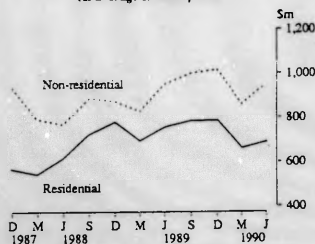
Value of building work done

At current prices, the total value of building work done during the period was \$2,645m. Non-residential building accounted for \$1,451m with offices, at \$526m being the largest category. Other significant contributors were hotels (\$188m) and other business premises (\$164m).

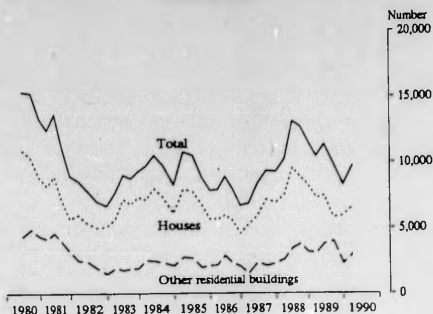
NUMBER OF NEW DWELLING UNITS
Seasonally Adjusted



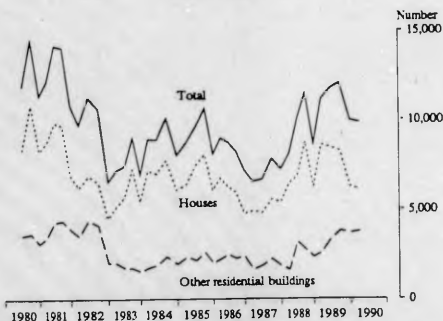
VALUE OF BUILDING WORK DONE
At average 1984-85 prices



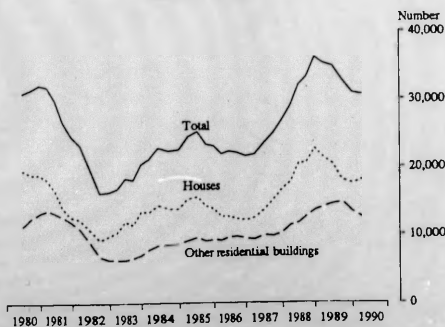
NEW DWELLING UNITS BY STAGE OF CONSTRUCTION, NSW COMMENCED



COMPLETED



UNDER CONSTRUCTION



NOTES

The statistics on quarterly building activity are compiled on the basis of returns collected from builders and other individuals engaged in building activity.

The statistics relate to a sample of private sector new house construction or alterations and additions to houses with an approval value of \$10,000 or more; and a fully enumerated collection of jobs involving construction of new residential buildings and alterations and additions with an approval value of \$10,000 or more (excluding private sector housing); and non-residential building jobs with an approval value of \$30,000 or more.

Explanatory notes are published at the back of this publication.

JOHN WILSON
Deputy Commonwealth Statistician

Unpublished data

The ABS can make available certain building approvals 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:

- photocopy;
- microfiche;
- computer printout; and
- clerically extracted tabulation.

A charge may be made for providing unpublished information in these forms.

For further details please telephone Geoff Howat on (02) 268 4610.

TABLE 1. SUMMARY OF BUILDING ACTIVITY, NSW

TABLE 1. SUMMARY OF BUILDING ACTIVITY, NSW																			
Period	New residential building						Value (\$m)												
	Houses		Other residential buildings		Total		Non-residential building												
	Number of dwelling units (a)	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units (a)	Value (\$m)	Alterations and additions to residential buildings	Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	Total	Total building
COMMENCED																			
1987-88	27,840	1,982.8	9,728	590.5	37,570	2,573.3	578.1	459.2	414.4	341.1	1,163.8	462.4	278.3	21.8	113.6	164.6	115.0	3,534.2	6,685.5
1988-89	34,400	2,933.9	13,827	961.9	48,230	3,895.9	822.0	672.7	442.7	617.8	2,641.3	585.1	300.3	23.9	77.1	200.1	220.4	5,781.4	10,499.3
1989-90	26,250	2,523.9	13,450	1,053.2	39,700	3,577.1	901.7	782.8	543.2	581.7	1,403.2	746.2	409.6	22.7	206.4	318.5	298.8	5,310.3	9,791.8
1989 Mar. qtr	8,380	743.4	3,241	247.9	11,620	991.3	193.8	165.6	72.9	169.7	492.3	210.3	73.2	5.6	12.6	46.0	107.6	1,555.9	2,741.0
June qtr	7,300	686.1	3,167	238.5	10,560	924.6	222.0	107.2	125.2	155.5	1,097.9	127.5	59.1	6.7	12.9	67.5	31.0	1,790.5	2,917.0
Sept. qtr	7,590	730.5	3,874	283.5	11,470	1,014.0	241.8	361.2	82.6	186.2	504.9	185.3	86.6	8.8	65.7	128.1	45.6	1,655.0	2,910.8
Dec. qtr	5,900	567.9	4,103	304.6	10,000	872.5	223.8	107.7	110.3	117.9	262.0	299.4	85.2	4.2	35.6	67.8	112.8	1,202.9	2,299.2
1990 Mar. qtr	6,020	558.8	2,379	210.2	8,390	769.0	208.3	199.8	200.0	137.4	315.7	125.9	119.2	3.9	51.6	58.3	104.0	1,315.8	2,293.1
June qtr	6,750	666.7	3,094	254.9	9,840	921.6	227.9	114.0	150.3	140.2	320.7	135.7	118.6	5.8	53.5	64.2	36.3	1,139.3	2,288.8
UNDER CONSTRUCTION AT END OF PERIOD																			
1987-88	17,790	1,427.9	11,353	702.9	29,140	2,130.8	392.7	578.0	326.1	279.3	2,595.2	487.6	395.5	23.4	290.8	470.8	140.7	5,587.6	8,111.0
1988-89	21,350	2,075.5	14,033	1,101.0	35,390	3,176.5	557.4	1,132.1	398.3	480.4	4,018.8	661.1	367.7	30.4	238.9	278.4	239.8	7,845.8	11,579.7
1989-90	18,090	1,884.9	12,602	1,245.6	30,700	3,130.5	606.7	1,529.8	462.2	467.0	4,034.2	794.0	478.8	21.4	432.6	334.1	394.9	8,949.1	12,686.4
1989 Mar. qtr	22,800	2,071.6	13,564	1,014.5	36,250	3,086.1	520.1	1,023.7	337.5	433.5	3,055.4	618.5	384.4	29.3	233.9	531.5	248.8	6,896.4	10,504.6
June qtr	21,350	2,073.5	14,033	1,101.0	35,390	3,176.5	557.4	1,132.1	398.3	480.4	4,018.8	661.1	367.7	30.4	238.9	278.4	239.8	7,845.8	11,579.7
Sept. qtr	20,180	2,076.4	14,545	1,234.9	34,930	3,311.3	589.9	1,401.8	445.5	504.8	4,121.1	675.7	409.9	30.8	302.7	302.9	242.8	8,440.0	12,341.2
Dec. qtr	17,980	1,863.3	14,783	1,287.7	32,760	3,150.9	612.5	1,293.1	399.2	461.1	3,972.7	815.1	396.6	22.9	346.6	331.4	335.0	8,373.7	12,137.1
1990 Mar. qtr	17,550	1,821.2	13,391	1,263.7	30,950	3,084.9	581.5	1,507.7	519.0	490.1	4,150.6	876.2	448.9	23.9	402.7	320.2	388.1	9,127.2	12,793.6
June qtr	18,090	1,884.9	12,602	1,345.6	30,700	3,130.5	606.7	1,529.8	462.2	467.0	4,034.2	794.0	478.8	21.4	432.6	334.1	394.9	8,949.1	12,686.4
COMPLETED																			
1987-88	22,310	1,502.3	7,600	457.3	29,910	1,959.6	479.5	1,228.8	581.5	328.1	1,087.6	341.6	367.6	15.5	105.4	173.8	103.8	3,227.7	5,666.8
1988-89	30,520	2,377.6	10,902	648.2	41,420	3,025.8	711.2	218.8	396.4	465.2	1,525.4	495.2	357.1	19.8	162.4	459.3	147.7	4,247.3	7,964.3
1989-90	29,070	2,804.9	14,642	1,095.9	43,710	3,900.7	919.1	506.5	556.4	632.4	1,724.3	704.5	330.7	31.5	96.8	296.7	178.9	5,058.6	9,878.5
1989 Mar. qtr	6,280	517.1	2,358	140.4	8,640	657.5	149.3	96.1	70.0	148.9	358.7	146.9	80.2	2.1	28.0	41.4	41.7	1,014.0	1,820.9
June qtr	8,590	712.6	2,577	167.2	11,170	879.8	198.1	42.7	83.9	120.5	248.9	111.2	81.2	6.0	29.7	331.5	43.8	1,099.4	2,177.3
Sept. qtr	8,450	722.6	3,323	241.6	11,770	1,014.2	228.4	112.4	61.3	165.5	419.1	183.7	46.7	8.9	10.4	107.0	43.1	1,158.1	2,400.8
Dec. qtr	8,250	801.2	3,832	272.7	12,080	1,073.9	223.7	233.0	179.9	179.0	496.5	179.7	98.2	10.8	27.7	52.4	30.4	1,487.7	2,785.3
1990 Mar. qtr	6,290	617.3	3,703	262.9	9,990	880.3	256.4	56.6	100.5	112.9	294.6	109.4	74.0	3.4	11.1	73.9	54.3	890.8	2,027.4
June qtr	6,080	613.7	3,784	318.7	9,870	932.4	210.7	104.4	214.7	174.9	514.1	231.7	111.7	8.4	47.5	63.3	51.1	1,521.9	2,665.0

(a) These figures are rounded to the nearest ten units.

TABLE 1. SUMMARY OF BUILDING ACTIVITY, NSW —continued

TABLE 1. SUMMARY OF BUILDING ACTIVITY, NSW — continued																				
Period	New residential building						Value (\$m)													
	Houses		Other residential buildings		Total	Alterations and additions to residential buildings	Non-residential building										Enter- tainment and recreational	Miscellaneous	Total	Building
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)			Hotels etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health						
VALUE OF WORK DONE DURING PERIOD																				
1987-88	--	1,758.8	--	523.4	--	2,282.2	558.3	265.7	523.4	351.2	1,589.9	491.2	361.2	20.0	166.8	351.9	131.9	4,253.2	7,093.8	
1988-89	--	2,782.6	--	892.7	--	3,675.3	826.2	521.0	455.1	570.3	1,872.3	581.4	339.0	24.9	158.8	239.9	196.1	4,958.5	9,460.1	
1989-90	--	2,809.0	--	1,172.6	--	3,981.6	966.3	595.5	514.4	624.9	2,168.0	704.7	367.7	27.4	212.7	294.9	273.7	5,783.9	10,731.8	
1989 Mar. qtr	--	680.0	--	217.5	--	897.4	192.4	172.4	91.7	152.9	393.6	133.5	76.7	6.4	34.5	53.4	55.1	1,170.2	2,260.1	
June qtr	--	741.7	--	252.2	--	994.0	230.1	132.1	118.3	165.1	559.0	167.2	74.3	6.6	28.7	64.6	52.4	1,368.4	2,592.5	
Sept. qtr	--	781.5	--	283.1	--	1,064.6	235.8	138.9	136.1	158.2	596.9	184.2	72.4	6.9	44.8	82.3	56.8	1,477.4	2,777.9	
Dec. qtr	--	749.8	--	321.2	--	1,071.0	253.2	136.0	158.1	169.3	558.9	185.6	99.4	7.5	55.5	80.6	89.7	1,540.6	2,864.8	
1990 Mar. qtr	--	610.3	--	280.2	--	890.6	239.3	132.8	101.2	147.6	486.2	170.9	92.8	6.4	49.8	64.5	60.3	1,314.5	2,444.3	
June qtr	--	667.3	--	288.1	--	955.5	238.0	187.8	116.9	149.7	525.9	164.1	103.1	6.6	62.7	67.5	67.0	1,451.4	2,644.9	
VALUE OF WORK YET TO BE DONE																				
1987-88	--	720.1	--	353.0	--	1,073.1	173.5	367.5	152.7	119.4	992.5	202.7	171.8	11.5	112.8	70.4	67.8	2,269.0	3,515.6	
1988-89	--	991.2	--	521.9	--	1,513.1	228.8	624.0	172.0	221.9	2,092.4	288.4	168.2	13.5	64.8	99.5	120.7	3,865.5	5,607.5	
1989-90	--	847.3	--	602.3	--	1,449.6	236.6	949.6	284.9	221.4	1,709.9	422.1	245.2	9.3	143.1	162.3	181.7	4,329.5	6,015.7	
1989 Mar. qtr	--	1,003.5	--	517.6	--	1,521.1	221.4	604.8	145.5	219.4	1,438.8	300.8	177.8	12.9	58.8	85.7	136.8	3,181.4	4,923.8	
June qtr	--	991.2	--	521.9	--	1,513.1	228.8	624.0	172.0	221.9	2,092.4	288.4	168.2	13.5	64.8	99.5	120.7	3,865.5	5,607.5	
Sept. qtr	--	992.2	--	618.0	--	1,610.2	255.1	867.5	150.8	255.5	2,031.7	302.7	186.8	15.9	94.3	149.1	110.1	4,164.3	6,029.6	
Dec. qtr	--	842.1	--	623.6	--	1,465.7	250.6	870.8	126.3	222.1	1,847.3	436.4	172.8	12.0	110.3	154.1	143.6	4,095.8	5,812.1	
1990 Mar. qtr	--	829.3	--	586.6	--	1,415.9	238.0	1,010.9	243.8	217.7	1,836.6	436.4	206.5	9.9	128.3	152.5	190.8	4,433.5	6,087.4	
June qtr	--	847.3	--	602.3	--	1,449.6	236.6	949.6	284.9	221.4	1,709.9	422.1	245.2	9.3	143.1	162.3	181.7	4,329.5	6,015.7	

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 such dwelling units commenced in the June quarter 1990.

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, NSW

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, NSW																						
Period	New residential building										Value (\$m)											
	Houses		Other residential buildings		Total		Alterations and additions to residential buildings etc.	Non-residential building						Enter-tainment and recreational	Miscellaneous	Total	Total building					
	Number of dwelling units (a)	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units (a)	Value (\$m)		Shops	Factories	Offices	Other business premises	Educational	Religious					Health				
COMMENCED																						
1987-88	27,400	1,961.0	7,178	449.9	34,570	2,410.9	556.0	456.7	384.3	325.4	925.4	318.9	111.9	21.8	79.6	125.2	80.4	2,849.6	5,816.5			
1988-89	33,800	2,892.3	11,839	823.6	45,640	3,715.8	803.2	672.1	425.6	580.0	2,123.6	358.2	88.5	23.9	56.1	168.6	70.6	4,573.1	9,094.1			
1989-90	25,690	2,480.6	11,135	879.7	36,820	3,360.3	886.7	777.8	493.0	554.5	1,222.5	439.8	88.8	22.2	72.7	274.2	85.5	4,031.0	8,278.0			
1989 Mar. qtr	8,340	740.3	2,820	213.8	11,160	954.1	191.5	365.4	68.7	162.0	396.0	89.3	9.2	5.6	7.7	28.2	22.8	1,155.0	2,300.5			
June qtr	7,260	677.2	2,620	198.3	9,880	875.5	219.3	107.2	123.3	133.5	821.6	92.9	13.6	6.7	9.1	59.2	17.1	1,384.2	2,479.0			
Sept. qtr	7,340	711.2	3,082	224.6	10,420	935.8	218.9	359.6	79.8	183.8	438.7	150.0	20.2	8.8	28.0	117.5	22.7	1,409.1	2,583.8			
Dec. qtr	5,760	557.0	3,302	244.5	9,060	801.5	214.1	104.3	68.6	102.8	217.2	105.5	18.0	3.8	13.8	49.1	18.4	701.5	1,717.1			
1990 Mar. qtr	5,950	553.8	2,067	189.3	8,020	743.1	206.5	199.8	199.1	129.8	285.1	68.1	22.1	3.9	8.7	48.1	19.9	984.6	1,934.2			
June qtr	6,640	658.6	2,684	221.3	9,320	879.9	227.2	114.0	145.4	138.0	281.5	116.2	28.6	5.8	22.2	59.6	24.5	935.7	2,042.9			
UNDER CONSTRUCTION AT END OF PERIOD																						
1987-88	17,430	1,410.1	7,669	485.0	25,100	1,895.1	370.2	573.5	307.7	253.5	1,559.1	263.9	100.7	23.4	78.6	102.2	79.1	3,341.9	5,607.1			
1988-89	20,990	2,049.9	11,008	879.7	32,000	2,929.5	513.1	1,131.5	392.1	448.2	2,947.4	326.4	86.7	30.4	101.7	169.0	85.8	5,719.4	9,180.2			
1989-90	17,820	1,861.1	10,203	991.2	29,940	2,852.4	578.6	1,526.7	427.2	421.7	3,188.5	396.9	118.1	21.4	171.2	286.0	115.5	6,673.0	10,104.0			
1989 Mar. qtr	22,350	2,050.3	10,750	812.2	33,100	2,862.5	491.3	1,023.1	330.6	419.5	2,335.5	277.8	86.0	29.3	91.7	149.5	100.0	4,753.1	8,106.9			
June qtr	20,990	2,049.9	11,008	879.7	32,000	2,929.5	513.1	1,131.5	392.1	448.2	2,947.4	326.4	86.7	30.4	101.7	169.0	85.8	5,719.4	9,180.2			
Sept. qtr	19,860	2,018.2	11,110	907.2	30,990	2,945.5	564.7	1,400.9	439.0	476.3	3,071.2	350.6	87.7	30.8	123.0	267.2	84.6	6,331.2	9,841.4			
Dec. qtr	17,530	1,829.4	11,234	941.0	28,770	2,770.3	579.7	1,289.6	353.3	418.1	3,016.7	370.8	79.4	22.5	145.9	281.8	93.2	6,078.4	9,428.5			
1990 Mar. qtr	17,300	1,798.7	10,312	937.1	27,620	2,735.8	552.4	1,504.4	487.3	446.6	3,195.7	395.2	92.8	23.4	161.3	272.2	101.0	6,679.8	9,968.1			
June qtr	17,820	1,861.1	10,203	991.2	28,030	2,852.4	578.6	1,526.7	427.2	421.7	3,188.5	396.9	118.1	21.4	171.2	286.0	115.5	6,673.0	10,104.0			
COMPLETED																						
1987-88	21,640	1,472.9	4,914	321.3	26,560	1,794.2	467.3	122.1	558.7	318.6	786.7	236.6	63.6	15.5	44.0	127.8	48.5	2,322.1	4,583.6			
1988-89	29,920	2,343.7	8,262	486.1	38,180	2,830.8	697.6	213.8	364.8	439.0	946.1	348.7	113.4	19.8	57.5	124.4	78.8	2,706.4	6,243.9			
1989-90	28,410	2,759.7	11,705	882.3	40,120	3,642.0	906.0	503.5	533.7	611.8	1,279.5	425.4	78.8	31.0	39.8	186.9	63.7	3,754.3	8,302.3			
1989 Mar. qtr	6,160	593.1	2,073	125.8	8,230	634.9	147.9	91.2	58.4	143.7	306.8	100.2	43.1	2.1	16.2	22.5	12.0	796.1	1,578.9			
June qtr	8,400	705.9	2,341	147.5	10,730	853.4	192.6	42.7	80.2	116.6	109.0	68.7	23.2	6.0	17.9	43.4	33.2	624.0	1,670.0			
Sept. qtr	8,350	765.9	2,291	217.0	11,280	982.9	224.6	110.8	57.9	158.6	314.3	125.9	19.9	8.9	7.4	22.2	24.9	850.8	2,054.2			
Dec. qtr	8,030	785.9	3,165	231.6	11,200	1,017.6	221.5	232.3	177.3	174.3	341.4	87.0	26.4	10.8	41.1	47.7	13.1	1,124.4	2,363.4			
1990 Mar. qtr	6,030	601.0	2,921	220.7	8,950	821.8	250.9	56.2	85.5	104.3	254.0	85.3	17.8	3.4	3.2	61.2	12.9	683.8	1,756.5			
June qtr	6,000	606.8	2,698	213.0	8,690	819.8	209.1	104.2	213.1	174.5	369.8	127.1	14.7	8.0	15.1	55.9	12.9	1,093.3	2,124.2			

(a) These figures are rounded to the nearest ten units.

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

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, NSW - continued																						
Period	New residential building						Value (\$m)															
	Houses		Other residential buildings		Total		Alterations and additions to residential buildings	Non-residential building														
	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																						
1987-88	..	1,732.4	..	366.7	..	2,099.0	539.5	263.1	490.2	333.2	1,121.7	328.5	85.4	20.0	52.4	131.5	68.4	2,894.3	5,332.9			
1988-89	..	2,745.7	..	760.1	..	3,505.8	809.5	518.0	431.5	553.0	1,466.8	378.1	111.4	24.9	69.4	163.7	84.3	3,801.0	8,116.4			
1989-90	..	2,763.2	..	953.6	..	3,716.8	950.5	590.7	475.1	579.2	1,806.1	447.4	92.4	26.9	113.1	249.3	84.5	4,466.7	9,134.0			
1989 Mar. qtr	..	671.5	..	194.0	..	865.6	189.3	172.0	84.8	149.1	302.8	87.4	28.0	6.4	17.3	40.9	19.6	908.2	1,963.0			
June qtr	..	734.1	..	223.9	..	957.9	227.3	132.0	113.5	158.2	443.5	103.5	18.9	6.6	13.0	47.9	21.1	1,058.2	2,243.4			
Sept. qtr	..	767.7	..	233.7	..	1,001.4	231.8	137.0	132.1	151.0	507.6	110.8	21.2	6.9	28.6	73.0	19.3	1,187.4	2,420.6			
Dec. qtr	..	734.3	..	262.2	..	996.5	249.5	135.3	138.9	154.5	461.6	120.1	24.5	7.2	28.9	69.3	25.3	1,165.6	2,411.5			
1990 Mar. qtr	..	601.1	..	221.6	..	822.8	234.7	131.5	97.0	133.1	404.3	111.1	22.8	6.3	32.5	50.8	18.6	1,007.9	2,065.4			
June qtr	..	660.1	..	236.1	..	896.2	234.5	187.0	107.1	140.5	434.7	105.3	23.9	6.5	23.1	56.3	21.3	1,105.7	2,236.4			
VALUE OF WORK YET TO BE DONE																						
1987-88	..	713.9	..	273.0	..	986.9	164.1	365.5	147.1	114.1	733.0	108.6	55.2	11.5	48.4	52.8	39.1	1,675.3	2,826.4			
1988-89	..	980.3	..	418.7	..	1,399.0	219.0	624.0	170.7	201.3	1,624.0	140.1	43.4	13.5	59.6	82.3	42.5	3,001.4	4,619.5			
1989-90	..	838.8	..	471.4	..	1,310.2	227.4	948.9	271.5	212.7	1,381.0	189.2	61.3	9.3	55.9	141.9	51.7	3,323.4	4,861.1			
1989 Mar. qtr	..	994.0	..	424.7	..	1,418.8	211.4	604.7	142.4	213.8	1,163.3	125.3	48.3	12.9	44.7	67.3	43.2	2,465.8	4,095.9			
June qtr	..	980.3	..	418.7	..	1,399.0	219.0	624.0	170.7	201.3	1,624.0	140.1	43.4	13.5	59.6	82.3	42.5	3,001.4	4,619.5			
Sept. qtr	..	975.8	..	431.3	..	1,409.1	246.4	867.5	149.7	238.8	1,566.5	179.4	43.1	15.9	59.6	129.8	46.9	3,297.3	4,952.8			
Dec. qtr	..	830.3	..	437.8	..	1,268.0	235.9	868.1	102.6	201.1	1,420.3	173.6	36.8	11.7	67.8	127.5	43.6	3,053.1	4,557.0			
1990 Mar. qtr	..	821.7	..	437.3	..	1,259.0	226.0	1,009.3	225.4	202.0	1,451.7	165.5	45.2	9.8	54.0	128.4	45.7	3,337.0	4,822.1			
June qtr	..	838.8	..	471.4	..	1,310.2	227.4	948.9	271.5	212.7	1,381.0	189.2	61.3	9.3	55.9	141.9	51.7	3,323.4	4,861.1			

TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, NSW

Period	New residential building						Value (\$m)													
	Houses		Other residential buildings		Total		Non-residential building													
	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	Total building	
COMMENCED																				
1987-88	443	21.8	2,550	140.6	2,992	162.4	22.0	2.5	30.1	15.7	238.4	123.5	166.4	—	34.0	39.4	34.5	684.6	869.0	
1988-89	602	41.6	1,988	138.4	2,590	180.0	16.8	0.7	17.2	31.8	517.8	226.9	211.8	—	20.9	31.4	149.8	1,208.3	1,405.1	
1989-90	566	43.3	2,315	173.5	2,881	216.8	15.1	5.0	50.2	27.2	180.7	306.4	320.8	0.5	133.7	44.3	213.3	1,282.0	1,513.8	
1989 Mar. qtr	38	3.1	421	34.1	459	37.2	2.4	0.2	4.1	7.7	96.3	121.0	64.1	—	4.9	17.8	84.8	400.9	440.5	
June qtr	129	8.9	547	40.3	676	49.2	2.6	—	1.9	21.9	276.3	34.6	45.4	—	3.8	8.4	13.9	406.3	458.1	
Sept. qtr	256	19.3	792	58.9	1,048	78.2	2.9	1.6	2.8	2.3	66.2	35.2	66.5	—	37.7	10.7	22.8	245.8	326.9	
Dec. qtr	139	10.9	801	60.0	940	71.0	9.8	3.4	41.7	15.1	44.8	193.9	67.2	0.5	21.8	18.7	94.4	501.4	582.1	
1990 Mar. qtr	65	5.0	312	20.9	377	25.9	1.8	—	0.8	7.6	30.5	57.8	97.1	—	42.9	10.3	84.2	331.2	358.9	
June qtr	106	8.1	410	33.6	516	41.7	0.6	—	4.9	2.2	39.2	19.5	90.0	—	31.3	4.7	11.9	203.6	245.9	
UNDER CONSTRUCTION AT END OF PERIOD																				
1987-88	361	17.8	3,684	217.9	4,045	235.7	22.5	4.5	18.4	25.8	1,036.1	223.7	294.8	—	212.2	368.6	61.6	2,245.7	2,501.9	
1988-89	366	25.6	3,025	221.3	3,391	247.0	26.1	0.6	6.2	32.1	1,071.4	334.6	280.9	—	137.1	109.5	154.0	2,126.4	2,399.4	
1989-90	271	23.8	2,399	254.4	2,670	278.2	28.1	3.1	35.0	45.3	845.8	397.2	360.7	—	261.4	48.1	279.4	2,276.0	2,582.3	
1989 Mar. qtr	338	21.3	2,814	202.3	3,152	225.6	28.9	0.6	6.9	14.0	819.9	340.7	288.4	—	142.2	382.0	148.7	2,143.3	2,397.8	
June qtr	366	25.6	3,025	221.3	3,391	247.0	26.1	0.6	6.2	32.1	1,071.4	334.6	280.9	—	137.1	109.5	154.0	2,126.4	2,399.4	
Sept. qtr	525	38.2	3,415	327.7	3,940	365.9	25.2	0.9	6.6	28.5	1,051.9	325.2	322.3	—	179.7	35.7	158.2	2,108.9	2,499.9	
Dec. qtr	445	33.9	3,549	346.7	3,994	380.6	32.8	3.6	45.8	42.8	956.1	437.3	317.1	0.5	200.6	49.6	241.8	2,295.3	2,708.7	
1990 Mar. qtr	250	22.6	3,079	326.5	3,329	349.1	29.0	3.3	31.7	43.5	954.9	481.0	356.1	0.5	241.4	48.0	287.1	2,447.4	2,825.5	
June qtr	271	23.8	2,399	254.4	2,670	278.2	28.1	3.1	35.0	45.3	845.8	397.2	360.7	—	261.4	48.1	279.4	2,276.0	2,582.3	
COMPLETED																				
1987-88	664	29.4	2,686	136.0	3,350	165.4	12.2	0.6	22.8	9.5	300.9	105.0	304.0	—	61.4	46.1	55.3	905.6	1,083.3	
1988-89	597	33.9	2,640	152.1	3,237	186.0	13.6	5.0	31.5	26.2	579.2	146.5	243.7	—	104.9	334.9	68.9	1,540.9	1,740.4	
1989-90	661	45.2	2,937	213.6	3,598	258.8	13.1	3.0	22.7	20.6	444.8	279.1	251.8	0.5	56.9	109.7	115.2	1,304.3	1,576.2	
1989 Mar. qtr	123	8.0	285	14.6	408	22.6	1.5	4.9	11.7	5.2	51.9	46.6	37.1	—	11.8	19.0	29.7	218.0	242.0	
June qtr	101	6.7	336	19.7	437	26.4	5.5	—	3.7	3.9	56.9	42.5	58.0	—	11.7	288.1	10.6	475.4	507.3	
Sept. qtr	97	6.7	402	24.6	499	31.3	3.8	1.6	3.4	6.9	104.8	57.8	26.8	—	3.0	84.8	18.2	307.4	342.5	
Dec. qtr	219	15.3	667	41.0	886	56.3	2.2	0.7	2.6	4.7	155.1	92.7	71.9	—	13.6	4.7	17.3	363.4	421.9	
1990 Mar. qtr	260	16.3	782	42.2	1,042	58.5	5.5	0.4	15.1	8.6	40.6	24.0	56.2	—	7.9	12.8	41.4	207.0	271.0	
June qtr	85	6.9	1,086	105.7	1,171	112.6	1.6	0.2	1.6	0.4	144.3	104.5	97.0	0.5	32.5	7.4	38.2	426.6	540.8	

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

Period	New residential building						Value (\$m)														Total building
	Houses		Other residential buildings		Total	Non-residential building															
	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					
VALUE OF WORK DONE DURING PERIOD																					
1987-88	..	26.5	..	156.7	..	183.2	18.8	2.6	33.2	18.0	468.2	162.7	275.8	—	114.5	220.3	63.5	1,358.9	1,560.9		
1988-89	..	36.9	..	132.6	..	169.5	16.7	3.0	23.6	17.2	405.5	203.3	227.6	—	89.4	76.2	111.8	1,157.5	1,343.7		
1989-90	..	45.8	..	219.0	..	264.8	15.8	4.8	39.3	45.7	359.8	257.4	275.3	0.5	99.6	45.5	189.3	1,317.2	1,597.9		
1989 Mar. qtr	..	8.4	..	23.4	..	31.9	3.1	0.4	6.9	3.9	90.8	46.2	48.8	—	17.2	12.5	35.5	262.1	297.0		
June qtr	..	7.6	..	28.4	..	36.0	2.9	0.1	4.8	6.9	115.5	63.7	55.4	—	15.7	16.8	31.3	310.2	349.1		
Sept. qtr	..	13.9	..	49.4	..	63.3	4.0	1.9	4.0	7.2	89.3	73.4	51.2	—	16.1	9.3	37.6	290.0	357.3		
Dec. qtr	..	15.5	..	59.0	..	74.5	3.7	0.7	19.2	14.7	97.4	65.5	74.9	0.2	26.6	11.3	64.4	375.0	453.2		
1990 Mar. qtr	..	9.2	..	58.6	..	67.8	4.5	1.3	6.3	14.5	82.0	59.7	70.0	0.1	17.3	13.7	41.7	306.5	378.9		
June qtr	..	7.2	..	52.0	..	59.3	3.5	0.8	9.8	9.3	91.3	58.7	79.2	0.1	39.6	11.3	45.6	345.7	408.5		
VALUE OF WORK YET TO BE DONE																					
1987-88	..	6.1	..	80.0	..	86.1	9.4	2.0	5.5	5.3	259.4	94.2	116.6	—	64.4	17.6	28.7	593.7	689.2		
1988-89	..	10.9	..	103.1	..	114.0	9.8	0.1	1.3	20.7	468.5	148.3	124.8	—	5.2	17.2	78.2	864.2	988.0		
1989-90	..	8.4	..	130.9	..	139.4	9.2	0.8	13.5	8.7	328.8	232.8	183.9	—	87.2	20.4	130.0	1,006.1	1,154.6		
1989 Mar. qtr	..	9.5	..	92.8	..	102.3	10.0	0.1	3.1	5.6	275.5	175.5	129.5	—	14.2	18.4	93.6	715.6	827.9		
June qtr	..	10.9	..	103.1	..	114.0	9.8	0.1	1.3	20.7	468.5	148.3	124.8	—	5.2	17.2	78.2	864.2	988.0		
Sept. qtr	..	16.4	..	184.7	..	201.1	8.7	—	1.1	16.7	465.2	123.3	143.7	—	34.6	19.3	63.2	867.0	1,076.8		
Dec. qtr	..	11.8	..	185.8	..	197.6	14.8	2.7	23.7	21.0	427.1	262.7	136.0	0.2	42.5	26.7	100.0	1,042.7	1,255.0		
1990 Mar. qtr	..	7.6	..	149.3	..	156.8	12.0	1.6	18.4	15.8	384.9	270.9	161.3	0.1	74.3	24.1	145.1	1,096.4	1,265.3		
June qtr	..	8.4	..	130.9	..	139.4	9.2	0.8	13.5	8.7	328.8	232.8	183.9	—	87.2	20.4	130.0	1,006.1	1,154.6		

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

Non-residential building												
Period	Other residential building (a)	Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscel- laneous	Total
COMMENCED												
1987-88	500.6	322.3	242.1	274.4	1,076.0	388.3	202.0	12.1	73.2	108.0	64.3	2,763.0
1988-89	710.3	607.3	329.9	533.9	2,569.3	495.6	200.7	18.2	63.3	118.4	159.3	5,095.9
1989-90	800.7	680.5	462.0	482.6	1,315.5	653.5	274.3	14.4	135.0	230.3	179.5	4,447.6
1989 Mar. qtr	185.1	349.0	54.6	153.7	477.7	188.7	45.9	4.4	6.9	24.4	92.7	1,398.0
June qtr	163.8	96.2	86.0	131.0	1,081.2	101.9	43.3	3.7	9.9	34.7	22.1	1,610.1
Sept. qtr	210.4	326.5	58.2	155.7	488.6	161.7	50.7	7.1	48.1	112.2	26.9	1,435.8
Dec. qtr	233.8	90.4	90.9	94.7	237.8	272.7	48.3	2.8	18.5	52.8	38.2	947.0
1990 Mar. qtr	162.6	177.1	181.9	116.2	293.6	102.9	89.0	2.7	47.6	26.0	93.5	1,130.5
June qtr	193.9	86.5	131.0	115.9	295.5	116.2	86.3	1.9	20.7	39.4	20.9	934.3
UNDER CONSTRUCTION AT END OF PERIOD												
1987-88	609.2	467.7	151.2	224.1	2,333.3	434.6	327.6	11.9	157.3	422.6	95.1	4,825.3
1988-89	898.4	1,004.1	263.9	417.7	3,974.3	599.6	280.5	19.1	121.5	204.7	190.1	7,075.6
1989-90	1,057.2	1,436.6	389.4	398.6	3,979.0	739.7	357.8	13.8	227.5	259.1	289.0	8,090.5
1989 Mar. qtr	833.5	875.7	219.5	375.8	2,985.7	562.8	290.7	20.2	112.3	474.5	183.5	6,100.7
June qtr	898.4	1,004.1	263.9	417.7	3,974.3	599.6	280.5	19.1	121.5	204.7	190.1	7,075.6
Sept. qtr	1,026.2	1,260.5	300.7	442.1	4,083.4	615.5	306.3	23.7	164.7	222.1	195.6	7,614.6
Dec. qtr	1,093.5	1,207.7	334.0	395.1	3,926.3	766.4	269.0	16.8	195.0	232.5	226.0	7,588.8
1990 Mar. qtr	1,065.4	1,410.9	442.3	425.7	4,094.7	826.2	324.1	17.2	245.0	230.1	285.7	8,301.9
June qtr	1,057.2	1,436.6	389.4	398.6	3,979.0	739.7	357.8	13.8	227.5	259.1	289.0	8,090.5
COMPLETED												
1987-88	387.0	63.6	455.6	265.2	932.9	288.3	274.5	7.8	81.1	105.4	65.0	2,539.4
1988-89	501.7	148.4	223.8	378.9	1,432.5	410.9	278.1	13.0	129.9	386.9	81.4	3,483.7
1989-90	835.6	363.6	385.0	535.5	1,644.3	593.7	223.7	19.4	74.7	216.9	114.1	4,173.2
1989 Mar. qtr	103.4	86.6	52.6	124.1	342.9	130.1	66.2	1.0	16.4	31.2	26.3	877.3
June qtr	114.6	9.1	49.4	98.3	206.0	90.6	60.7	4.8	20.6	314.1	18.1	872.8
Sept. qtr	175.8	86.2	41.2	133.8	401.2	158.5	27.0	3.1	7.1	98.8	22.5	979.4
Dec. qtr	189.7	161.5	71.9	155.6	477.1	137.7	83.5	8.3	18.6	29.8	17.7	1,161.6
1990 Mar. qtr	218.5	45.2	84.0	92.1	278.9	84.4	41.4	2.6	7.8	51.0	36.6	723.9
June qtr	251.6	72.8	187.9	154.0	487.1	213.1	71.8	5.4	41.3	37.3	37.3	1,308.3

For footnotes see end of table

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

[2 million]												
Non-residential building												
Period	Other residential building (a)	Hotels, etc.	Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscel- laneous	Total
VALUE OF WORK DONE DURING PERIOD												
1987-88	454.6	188.2	342.2	286.4	1,484.2	422.3	283.7	9.9	90.0	281.2	75.2	3,463.3
1988-89	682.8	392.5	285.6	472.7	1,786.9	489.2	248.4	16.7	88.7	165.1	130.9	4,076.7
1989-90	903.4	487.1	385.4	523.6	2,082.7	594.8	246.3	19.9	144.1	197.0	167.9	4,848.9
1989 Mar. qtr	157.7	138.5	55.0	131.5	372.7	114.0	56.2	4.6	19.9	34.1	39.6	966.0
June qtr	184.7	98.9	80.6	139.6	542.3	141.0	49.7	4.7	16.8	45.0	37.2	1,155.8
Sept. qtr	216.8	102.1	96.7	133.9	578.6	160.0	49.9	5.3	32.8	60.5	39.3	1,258.9
Dec. qtr	246.2	108.9	124.9	141.9	536.2	145.7	68.1	5.5	41.5	50.9	50.1	1,273.6
1990 Mar. qtr r	217.7	110.2	78.4	122.7	468.6	149.4	57.7	4.5	38.3	39.5	39.1	1,108.4
June qtr	222.7	165.9	85.5	125.2	499.3	139.8	70.7	4.6	31.5	46.1	39.3	1,307.9
VALUE OF WORK YET TO BE DONE												
1987-88	291.8	288.6	78.8	90.9	959.4	178.3	136.3	6.2	53.0	52.4	53.7	1,897.7
1988-89	412.0	581.9	135.6	196.6	2,069.2	263.2	125.0	9.6	58.7	58.3	100.6	3,600.6
1989-90	512.9	910.4	267.2	193.7	1,681.2	402.4	180.9	4.5	95.3	137.3	146.2	4,019.0
1989 Mar. qtr	414.7	545.2	122.3	195.9	1,416.7	275.7	124.0	10.5	45.7	58.9	111.5	2,906.4
June qtr	412.0	581.9	135.6	196.6	2,069.2	263.2	125.0	9.6	58.7	58.3	100.6	3,600.6
Sept. qtr	501.6	824.3	123.0	222.6	2,013.7	277.6	128.6	12.0	76.3	114.2	89.4	3,881.7
Dec. qtr	513.7	838.8	103.4	189.4	1,826.0	420.5	106.9	8.6	83.6	128.0	87.8	3,793.1
1990 Mar. qtr r	490.0	977.8	217.6	190.1	1,807.7	415.5	146.0	7.1	103.0	117.1	144.9	4,126.8
June qtr	512.9	910.4	267.2	193.7	1,681.2	402.4	180.9	4.5	95.3	137.3	146.2	4,019.0

(a) Excludes houses but includes flats, home units, villa units, town houses, etc. For definitions, see Explanatory Note 8(b).

TABLE 5. NUMBER OF DWELLING UNITS BY STAGE OF CONSTRUCTION, NSW
SEASONALLY ADJUSTED SERIES (a)

Period	Houses				Total			
	Private sector		Total		Private sector		Total	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
1989 Mar. qtr	8,910	6,800	8,980	6,970	11,790	9,000	12,390	9,630
June qtr	7,540	8,340	7,720	8,510	10,430	10,930	11,160	11,630
Sept. qtr	6,970	8,410	7,110	8,470	9,870	11,330	10,560	11,530
Dec. qtr	5,500	7,440	5,660	7,590	8,630	10,130	9,700	10,790
1990 Mar. qtr	6,340	6,650	6,450	6,970	8,460	9,770	8,950	11,120
June qtr	6,900	5,870	7,050	6,010	9,860	8,840	10,420	10,280

(a) These figures are rounded to the nearest ten units.

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	
1989 Mar. qtr	738.6	235.9	969.9	218.8	972.3	1,259.7	2,458.8
June qtr	757.5	268.1	1,015.8	230.8	1,095.2	1,385.0	2,635.1
Sept. qtr	746.0	268.9	1,027.3	224.3	1,131.4	1,420.1	2,663.6
Dec. qtr	713.4	295.7	1,011.7	236.3	1,109.5	1,477.9	2,719.6
1990 Mar. qtr	662.1	304.2	961.9	272.1	1,078.1	1,413.4	2,657.0
June qtr	681.4	306.4	975.9	238.5	1,145.3	1,470.4	2,688.6

TABLE 7. VALUE OF BUILDING WORK COMMENCED, AT AVERAGE 1964-85 PRICES (a), NSW
(\$ million)

Period	New residential building			Alterations and additions to residential buildings	Non-residential building		Total building
	Houses	Other residential buildings	Total		Private sector	Total	
1987-88	1,568.5	445.4	2,013.9	453.3	2,174.2	2,696.8	5,164.0
1988-89	1,890.0	653.3	2,543.3	518.4	3,235.8	4,086.6	7,148.3
1989-90	1,455.9	667.7	2,123.6	519.4	2,710.0	3,571.0	6,214.0
1989 Mar. qtr	452.9	166.0	628.9	118.6	810.5	1,091.8	1,839.3
June qtr	413.1	156.3	569.4	133.1	953.3	1,233.1	1,935.6
Sept. qtr	429.4	182.2	611.6	141.2	956.6	1,123.5	1,876.3
Dec. qtr	328.8	193.2	522.0	130.2	471.4	808.4	1,460.6
1990 Mar. qtr	320.6	132.5	453.1	119.3	658.6	880.1	1,451.5
June qtr	377.1	159.8	536.9	128.7	623.4	759.0	1,424.8

(a) See paragraphs 21 to 22 of the Explanatory Notes.

TABLE 8. VALUE OF BUILDING WORK DONE, AT AVERAGE 1964-85 PRICES (a), NSW
ORIGINAL AND SEASONALLY ADJUSTED SERIES
(\$ million)

Period	New residential building			Alterations and additions to residential buildings	Non-residential building		Total building
	Houses	Other residential buildings	Total		Private sector	Total	
	ORIGINAL						
1987-88	1,395.1	400.9	1,796.0	443.6	2,221.7	3,266.0	5,505.6
1988-89	1,804.8	612.6	2,417.4	535.7	2,703.6	3,527.8	6,480.9
1989-90	1,625.3	739.6	2,364.9	558.3	2,956.1	3,826.7	6,749.9
1989 Mar. qtr	427.6	146.6	574.2	121.0	640.9	825.9	1,521.1
June qtr	449.5	166.8	616.3	139.6	731.8	948.9	1,704.8
Sept. qtr	461.7	183.0	644.7	139.3	803.4	999.6	1,783.6
Dec. qtr	435.7	202.5	638.2	147.1	769.9	1,017.6	1,802.9
1990 Mar. qtr	350.4	174.8	525.2	137.3	659.6	860.2	1,522.7
June qtr	377.5	179.3	556.8	134.6	723.2	949.3	1,640.7
SEASONALLY ADJUSTED							
1989 Mar. qtr	464.5	159.0	620.6	137.6	686.2	889.1	1,654.9
June qtr	459.1	177.3	629.8	140.0	759.5	960.4	1,732.9
Sept. qtr	440.7	173.8	622.1	132.5	765.5	960.8	1,710.2
Dec. qtr	414.5	186.4	602.9	137.3	732.9	976.2	1,711.6
1990 Mar. qtr	380.2	189.8	567.3	156.2	705.5	924.9	1,655.2
June qtr	385.4	190.7	568.7	134.9	749.1	961.7	1,667.8

(a) See paragraphs 21 to 22 of the Explanatory Notes.

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			Other residential buildings		
	Contractor-built(a)	Other(a)	Total(a)	Contractor-built(a)	Other(a)	Total(a)	Contractor-built(a)	Other(a)	Total(a)	Contractor-built(a)	Other(a)
COMMENCED											
1987-88	19,090	8,310	27,400	7,178	34,570	442	2,550	2,992	27,840	9,728	37,570
1988-89	22,230	11,550	33,800	11,839	45,640	602	1,988	2,590	34,400	13,827	48,230
1989-90	16,260	9,420	25,690	11,135	36,820	566	2,315	2,881	26,230	13,450	39,700
1989 Mar. qtr	5,450	2,890	8,340	2,820	11,160	38	421	459	8,380	3,241	11,620
June qtr	4,880	2,380	7,260	2,620	9,880	129	547	676	7,390	3,167	10,560
Sept. qtr	4,640	2,690	7,340	3,082	10,420	256	792	1,048	7,590	3,874	11,470
Dec. qtr	3,580	2,180	5,760	3,302	9,060	139	801	940	5,900	4,103	10,000
1990 Mar. qtr r	3,720	2,230	5,950	3,067	8,020	65	312	377	6,020	2,379	8,390
June qtr	4,330	2,320	6,640	2,684	9,320	108	410	516	6,750	3,094	9,840
UNDER CONSTRUCTION AT END OF PERIOD											
1987-88	8,780	8,650	17,430	7,649	25,100	361	3,684	4,045	17,790	11,353	29,140
1988-89	10,050	10,940	20,990	11,008	32,000	366	3,025	3,391	21,350	14,033	35,390
1989-90	6,610	11,220	17,830	10,203	28,030	271	2,399	2,670	18,090	12,602	30,700
1989 Mar. qtr	11,160	11,190	22,350	10,750	33,100	338	2,814	3,152	22,690	13,564	36,250
June qtr	10,050	10,940	20,990	11,008	32,000	366	3,025	3,391	21,350	14,033	35,390
Sept. qtr	8,430	11,430	19,860	11,130	30,990	525	3,415	3,940	20,380	14,545	34,930
Dec. qtr	6,560	10,980	17,540	11,234	28,770	445	3,549	3,994	17,980	14,783	32,760
1990 Mar. qtr r	6,510	10,800	17,300	10,312	27,620	250	3,079	3,329	17,550	13,391	30,950
June qtr	6,610	11,220	17,830	10,203	28,030	271	2,399	2,670	18,090	12,602	30,700
COMPLETED											
1987-88	14,860	6,790	21,640	4,914	26,560	664	2,686	3,350	22,310	7,600	29,910
1988-89	21,110	8,810	29,920	8,262	38,180	597	2,640	3,237	30,520	10,902	41,420
1989-90	19,560	8,850	28,410	11,705	40,120	661	2,937	3,598	29,070	14,642	43,710
1989 Mar. qtr	4,330	1,830	6,160	2,073	8,230	123	285	408	6,280	2,358	8,640
June qtr	6,110	2,380	8,490	2,241	10,730	101	336	437	8,590	2,577	11,170
Sept. qtr	6,180	2,170	8,350	2,921	11,280	97	402	499	8,450	3,323	11,770
Dec. qtr	5,490	2,540	8,030	3,165	11,200	219	667	886	8,250	3,832	12,080
1990 Mar. qtr r	3,730	2,300	6,030	2,921	8,950	260	782	1,042	6,290	3,703	9,990
June qtr	4,160	1,840	6,000	2,698	8,690	85	1,086	1,171	6,080	3,784	9,870

(a) These figures are rounded to the nearest ten units.

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	Completed				Under construction at end of period				Completed				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	Less than \$40,000	\$40,000 to \$59,999	\$60,000 and over		
NUMBER (a)													
1987-88	2,640	6,830	9,620	19,090	780	2,590	5,400	8,780	2,550	5,250	7,060	14,860	
1988-89	1,050	5,990	15,210	22,250	290	1,590	8,170	10,050	1,520	6,810	12,780	21,110	
1989-90	470	2,820	12,970	16,260	50	700	5,860	6,610	670	3,880	15,010	19,560	
1989 Mar. qtr	160	1,340	3,950	5,450	330	2,610	8,220	11,160	180	1,350	2,800	4,330	
June qtr	150	1,010	3,720	4,880	290	1,590	8,170	10,050	200	1,920	3,990	6,110	
Sept. qtr	150	660	3,840	4,640	210	860	7,360	8,430	210	1,460	4,510	6,180	
Dec. qtr	110	630	2,780	3,580	140	830	5,580	6,560	120	820	4,540	5,490	
1990 Mar. qtr	170	650	2,900	3,720	110	800	5,600	6,510	210	700	2,830	3,730	
June qtr	40	820	3,460	4,330	50	700	5,860	6,610	130	900	3,120	4,160	
VALUE (\$m)													
1987-88	89.2	337.0	911.0	1,337.1	26.6	129.2	585.2	741.0	85.1	259.2	650.9	995.2	
1988-89	33.4	298.8	1,565.0	1,897.2	9.3	79.1	983.1	1,071.4	50.4	338.7	1,258.2	1,647.3	
1989-90	11.1	144.0	1,427.2	1,582.3	1.5	36.8	751.5	789.8	18.9	195.9	1,691.2	1,906.0	
1989 Mar. qtr	4.8	67.3	397.7	469.7	11.1	131.6	929.7	1,072.5	5.8	68.5	288.7	363.0	
June qtr	4.2	49.6	406.6	460.4	9.3	79.1	983.1	1,071.4	6.5	95.7	395.6	497.8	
Sept. qtr	3.8	33.6	454.2	461.6	6.7	43.8	948.1	998.5	6.0	73.3	484.6	564.0	
Dec. qtr	2.1	35.4	320.6	358.1	3.7	43.1	774.0	820.8	3.7	41.2	505.9	550.8	
1990 Mar. qtr	3.9	32.9	319.3	356.2	3.2	40.9	758.7	802.8	5.1	36.3	340.8	382.1	
June qtr	1.3	42.2	363.1	406.5	1.5	36.8	751.5	789.8	4.2	45.0	359.9	409.1	

(a) These figures are rounded to the nearest ten units.

TABLE 11. SUMMARY OF BUILDING ACTIVITY, NSW
RELATIVE STANDARD ERRORS, JUNE QUARTER 1990
(per cent)

	(per cent)					
	New residential building				Value	
Ownership and stage of construction	Houses		Total		Alterations and additions to residential buildings	Total building
	Number	Value	Number of dwelling units	Value		
PRIVATE SECTOR						
Commenced	4.0	4.4	2.8	3.3	5.7	1.6
Under construction at end of period	2.6	2.7	1.6	1.8	3.4	0.5
Completed	5.3	6.2	3.7	4.6	6.2	1.9
Value of work done	..	3.4	..	2.5	4.6	1.1
Value of work yet to be done	..	3.6	..	2.3	4.0	0.7
TOTAL PRIVATE AND PUBLIC SECTORS						
Commenced	3.9	4.4	2.7	3.2	5.6	1.4
Under construction at end of period	2.6	2.7	1.5	1.6	3.3	0.4
Completed	5.2	6.1	3.2	4.0	6.1	1.5
Value of work done	..	3.3	..	2.3	4.5	0.9
Value of work yet to be done	..	3.6	..	2.1	3.9	0.5

EXPLANATORY NOTES

Introduction

This publication contains detailed results for the June quarter 1990 from the quarterly Building Activity Survey.

2. The statistics were 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 jobs involving new house construction or alterations and additions to houses valued at \$10,000 or more; and
- (b) A complete enumeration of jobs involving construction of new residential buildings other than private sector houses, alterations and additions to residential buildings (other than private sector houses) with an approval value of \$10,000 or more, and non-residential building jobs with an approval value of \$30,000 or more.

3. 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 level. However, dwelling unit commencement data for regions below the State level are published later in *Dwelling Unit Commencements Reported By Approving Authorities* (8741.1). 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

4. 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, earthwork, etc.) is excluded.

5. Building jobs included each quarter in the Building Activity Survey comprise those jobs selected in previous quarters which had not been completed by the end of the previous quarter and those jobs newly selected in the current quarter. The list from which building jobs are newly selected comprises all approved building jobs which were notified to the ABS up to but not including the last month of the reference quarter (i.e. up to the end of May in respect of the June 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 (i.e. for the month of June in respect of the June quarter survey). For example, jobs which were notified as approved in the month of March 1990 and which actually commenced in that month are shown as commencements in the June quarter 1990. Similarly, jobs which were notified in the month of June 1990 and which actually commenced in that month will be shown as commencements in the September quarter 1990.

Definitions

6. 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.

7. A *dwelling unit* is defined as a self-contained suite of rooms, including cooking and bathing facilities, intended for long-term residential use. Units (whether self-contained or not) within buildings offering institutional care or temporary accommodation (such as hospitals, 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.

8. A *residential building* is defined as a building consisting predominantly 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 used predominantly 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 used predominantly for long-term residential purposes and which contains (or has attached to it) more than one dwelling unit (e.g. a block of flats or townhouses, a duplex, an apartment building).

9. 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.

10. *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).

11. *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.

12. *Completed* A building job is regarded as completed when building activity has progressed to the stage where the building can fulfil its intended function. In practice, building jobs are treated as completed when notified as such by respondents to the survey.

Valuation of building jobs

13. 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 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

14. *Ownership* The ownership of a building is classified at the time of approval as either PRIVATE SECTOR or PUBLIC SECTOR according to the expected ownership of the completed building. 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.

15. *Contractor-built houses* Those constructed by a recognised private builder either under contract or in anticipation of sale or rental. This category excludes those constructed by, or under the direction of, the owner (who is not a recognised builder) without the services of a single contractor responsible for the whole job. It also excludes houses built by public sector organisations.

16. *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 Education.

17. Examples of the types of individual building jobs 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, guest houses, 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 substation 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, glass houses, livestock sheds, shearing sheds, fruit and skin drying sheds, public toilets, and ambulance, fire and police stations.

Reliability of the estimates

18. As 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. A measure of the likely difference is given by the relative standard error of each estimate. 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. Relative standard errors of the estimates are shown on page 16.

19. An example of the use of standard errors is as follows. From Table 2 it can be seen that the estimate of the number of new private sector houses commenced during the quarter ended 30 June 1990 is 6,640. The associated relative standard error is 4.0 per cent (see table on page 16). Therefore, there are about two chances in three that the figure which would have been compiled if information had been obtained about all approved private sector house jobs would have been within the range 6,370 to 6,910 and about nineteen chances in twenty that the figure would have been within the range 6,110 to 7,170.

20. 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.

Estimates at constant prices

21. Estimates of the value of commencements and work done at 1984-85 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 dwelling and non-dwelling construction components of the national accounts aggregate 'Gross fixed capital expenditure'.

22. 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).

Seasonally adjusted series (Tables 5, 6 and 8)

23. Seasonal adjustment is a technique designed to remove the estimated effects of normal seasonal variation from statistical series, so that the effects of other influences on the series may be more clearly recognised. Each of the component series has been seasonally adjusted inde-

pendently. Thus the figures which can be derived by subtracting seasonally adjusted private sector dwellings from the seasonally adjusted total should not be used to represent public sector dwellings. Details of the methods used in deriving the seasonally adjusted figures shown in this publication are given in the annual publication *Seasonally Adjusted Indicators* (1308.0), issued by the Central Office of the ABS.

Related publications

24. Users may also wish to refer to the following building publications for New South Wales, which are available on request:

Building Approvals in Statistical Local Areas, NSW (annual, 1988-89 final issue) (8733.1)

Building Approvals, NSW (monthly) (8731.1)

Dwelling Unit Commencements Reported by Approving Authorities, NSW (monthly) (8741.1).

Building Activity, Australia (quarterly) (8752.0)

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

Price Index of Materials used in House Building (monthly) (6408.0)

Engineering Construction Survey (quarterly) (8762.0)

25. A list of the complete range of publications available from the ABS can be obtained from any ABS Office. Access to a wide range of ABS statistics is also available through DISCOVERY *656# and on AUSSTATS, ABS on-line service through PAXUS COMNET. Further information about these services can be obtained from the Sydney ABS Information Service on (02) 268 4611, or from any ABS Office.

Symbols and other usages

n.a. not available

r figure or series revised since previous issue

.. not applicable

— nil or rounded to zero

— break in continuity of series (where line is drawn between two consecutive figures in the same column)

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

© Commonwealth of Australia 1990

Recommended retail price: \$8.10



2087521006900

ISSN 0729-2058