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BUILDING ACTIVITY, QUEENSLAND, JUNE QUARTER 1989

PHONE INQUIRIES	For more information about these statistics please contact Norm Burke on Brisbane (07) 222 6286. For other inquiries, including copies of publications, please contact Information Services on Brisbane (07) 222 6351.
MAIL INQUIRIES	Please write to Information Services, Australian Bureau of Statistics (ABS), GPO Box 9817, Brisbane, Q. 4001.

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MAIN FEATURES

Dwelling units commenced

- In seasonally adjusted terms, the number of dwelling units commenced in the June quarter 1989 (11,450) increased by 8 per cent on the March quarter 1989 figure and by 11 per cent when compared with the June quarter 1988 total. Private sector house commencements in the June quarter 1989, in seasonally adjusted terms, were 7,700, an increase of 13 per cent on the March quarter 1989 figure and 11 per cent higher than that recorded in June quarter 1988.
- In original terms, the number of dwelling units commenced in the June quarter 1989 was 11,040. This figure was 13 per cent above the number commenced in the March quarter 1989 and 11 per cent above the June quarter 1988 figure.
- During 1988-89, 44,000 dwelling units in new residential buildings were commenced, an increase of 37 per cent on the 1987-88 figure.

Dwelling units completed

- The number of dwelling units completed in the June quarter 1989, in seasonally adjusted terms, was 10,070, an increase of 3 per cent on the March quarter 1989 figure and 46 per cent above that recorded for the June quarter 1988. Private sector house completions in the June quarter 1989 totalled 6,780,

an increase of 3 per cent on the March quarter 1989 figure and 31 per cent above the June quarter 1988 figure.

- In original terms, the number of dwelling units completed during June quarter 1989 was 9,840. This figure was 11 per cent above the number completed during March quarter 1989 and 46 per cent above the June quarter 1988 figure.
- During 1988-89, 38,530 dwelling units in new residential buildings were completed, an increase of 54 per cent on that recorded for 1987-88.

Non-residential building activity

- A comparison of statistics for non-residential building activity during June quarter 1989 with those for June quarter 1988, shows that the value of work commenced increased by 55 per cent, the value of work completed decreased by 22 per cent and the value of work under construction at the end of the period increased by 31 per cent.

Value of building work done

- The value of building work done in June quarter 1989, at constant prices and seasonally adjusted, increased by 4.5 per cent over that for March quarter 1989.

The movements in the original and seasonally adjusted estimates of the value of building work done between March quarter 1989 and June quarter 1989 and between June quarter 1988 and June quarter 1989 are shown in the following table.

MOVEMENT IN VALUE OF BUILDING WORK DONE, QUEENSLAND
(per cent)

Particulars	March qtr 1989 to June qtr 1989			June qtr 1988 to June qtr 1989		
	Original	Seasonally adjusted	Seasonally adjusted at average 1984-85 prices	Original	Seasonally adjusted	Seasonally adjusted at average 1984-85 prices
New residential building	+ 14.9	+ 3.8	- 1.0	+ 54.1	+ 54.4	+ 27.7
Non-residential building	+ 13.8	+ 16.4	+ 13.1	+ 14.3	+ 14.4	+ 1.9
Total building	+ 14.6	+ 8.7	+ 4.5	+ 34.4	+ 34.5	+ 14.8

NOTES

This publication contains detailed results for June quarter 1989 from the quarterly Building Activity Survey. Users should note that the data released for June quarter 1989 in this publication are subject to revision.

J. K. CORNISH
DEPUTY COMMONWEALTH STATISTICIAN

DIAGRAM 1 - VALUE OF ALL BUILDING COMMENCED AND UNDER CONSTRUCTION AT END OF PERIOD, QUEENSLAND, JUNE QUARTER 1986 TO JUNE QUARTER 1989

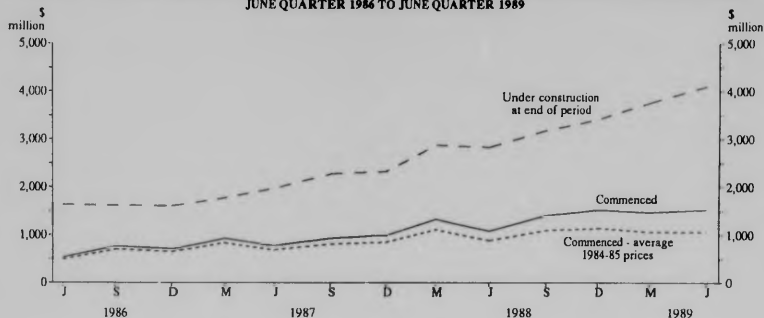


DIAGRAM 2 - VALUE OF ALL BUILDING COMMENCED BY TYPE OF BUILDING, QUEENSLAND, JUNE QUARTER 1989

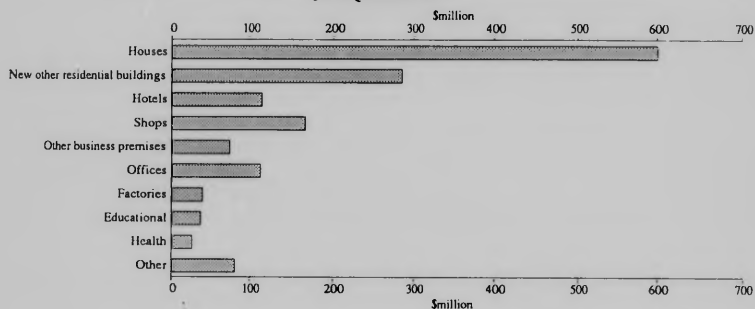


DIAGRAM 3 - NUMBER OF NEW DWELLING UNITS COMMENCED, COMPLETED AND UNDER CONSTRUCTION AT END OF PERIOD, QUEENSLAND, JUNE QUARTER 1986 TO JUNE QUARTER 1989

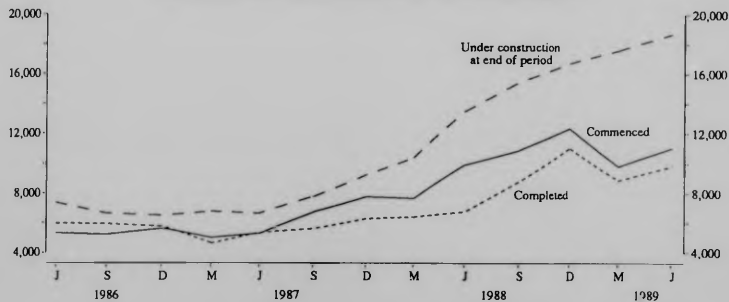


TABLE 1. SUMMARY OF BUILDING ACTIVITY, QUEENSLAND

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																				
1986-87	16,680	933.9	4,328	204.4	21,010	1,138.3	71.8	274.1	588.0	104.2	478.7	162.1	116.8	11.0	76.3	58.0	113.8	1,982.8	3,192.9	
1987-88	23,280	1,456.5	8,813	521.4	32,090	1,979.9	87.1	462.8	432.7	173.6	422.5	254.6	201.7	16.3	46.1	58.5	213.1	2,281.7	4,348.8	
1988-89	30,370	2,203.5	13,626	1,093.6	44,000	3,297.1	126.1	649.8	558.9	170.3	308.0	283.6	202.2	13.7	146.6	100.8	86.1	2,520.0	5,943.2	
1988 Mar. qtr	5,400	343.5	2,258	127.9	7,660	471.4	17.1	225.2	127.0	37.9	197.2	67.8	78.4	2.0	5.7	15.7	89.3	846.3	1,334.7	
June qtr	6,980	463.3	2,942	199.6	9,920	662.9	25.9	72.1	76.2	35.2	86.1	70.8	13.7	1.6	20.0	8.7	12.0	396.6	1,085.4	
Sept. qtr	7,720	502.0	3,167	270.3	10,890	772.3	37.1	128.1	148.2	41.3	43.1	68.9	49.9	2.1	88.9	16.4	12.7	599.7	1,409.1	
Dec. qtr	8,520	605.9	3,817	234.5	12,340	840.4	29.1	184.6	143.9	46.0	83.6	52.0	71.9	6.3	10.4	43.9	12.1	654.8	1,524.2	
1989 Mar. qtr	6,410	494.2	3,323	304.0	9,730	798.1	26.3	221.4	98.0	45.8	67.3	89.2	45.2	2.3	22.7	18.8	39.6	650.3	1,474.7	
June qtr	7,720	601.4	3,319	284.8	11,040	886.2	33.7	115.7	168.8	37.2	114.0	73.4	35.2	2.9	24.5	21.8	21.8	615.2	1,535.2	
UNDER CONSTRUCTION AT END OF PERIOD																				
1986-87	4,180	274.8	2,443	144.2	6,630	418.9	21.8	268.5	450.6	56.5	419.8	92.7	55.9	4.2	70.0	30.8	92.0	1,541.1	1,981.9	
1987-88	7,940	579.7	5,528	390.9	13,470	970.5	35.3	451.9	323.3	133.4	446.4	116.3	102.0	14.8	58.5	26.5	153.0	1,826.2	2,832.0	
1988-89	10,020	828.4	8,665	854.9	18,690	1,683.3	38.9	752.7	478.0	98.8	366.3	155.9	167.0	12.5	133.5	73.4	147.6	2,385.7	4,107.9	
1988 Mar. qtr	6,160	445.6	4,220	282.6	10,380	728.2	26.9	416.9	597.9	116.5	539.9	104.6	111.6	17.6	44.1	24.8	150.4	2,124.4	2,879.4	
June qtr	7,940	579.7	5,528	390.9	13,470	970.5	35.3	451.9	323.3	133.4	446.4	116.3	102.0	14.8	58.5	26.5	153.0	1,826.2	2,832.0	
Sept. qtr	8,900	658.7	6,553	540.0	15,460	1,202.7	41.1	379.3	360.1	143.1	455.5	149.4	132.2	12.3	121.2	29.4	158.1	1,940.7	3,184.5	
Dec. qtr	9,020	704.4	7,694	644.1	16,710	1,348.5	32.2	503.0	414.8	137.1	354.2	119.0	155.1	16.0	119.7	58.2	159.7	2,037.0	3,417.7	
1989 Mar. qtr	9,140	762.2	8,351	781.8	17,490	1,544.0	31.1	674.4	366.2	116.1	342.4	157.4	156.8	12.4	190.7	66.8	165.0	2,188.3	3,763.3	
June qtr	10,020	828.4	8,665	854.9	18,690	1,683.3	38.9	752.7	478.0	98.8	366.3	155.9	167.0	12.5	133.5	73.4	147.6	2,385.7	4,107.9	
COMPLETED																				
1986-87	17,440	944.0	4,158	164.1	21,600	1,108.2	64.9	127.1	430.3	100.5	429.2	255.6	173.4	16.4	74.5	71.8	48.1	1,726.9	2,900.0	
1987-88	19,410	1,157.8	5,634	286.0	25,040	1,443.8	81.4	336.3	494.0	94.5	359.4	213.7	125.5	9.0	61.4	61.5	63.1	1,818.5	3,343.7	
1988-89	28,200	1,975.6	10,327	633.8	38,530	2,609.4	125.9	311.2	367.8	224.8	402.3	244.2	156.9	14.2	69.6	58.1	97.9	1,947.2	4,682.5	
1988 Mar. qtr	4,910	295.6	1,608	79.6	6,410	375.2	19.4	29.3	45.8	25.8	44.3	58.9	31.7	1.4	27.4	13.0	12.9	290.5	683.1	
June qtr	5,150	331.3	1,602	94.4	6,760	425.6	17.6	63.2	267.0	20.5	172.9	54.9	16.3	4.8	5.9	7.3	9.8	622.5	1,065.7	
Sept. qtr	6,720	430.9	2,082	117.1	8,800	548.0	30.7	142.2	80.5	30.9	34.2	55.9	15.0	4.6	27.5	14.1	7.8	412.9	991.6	
Dec. qtr	8,380	564.9	2,631	141.3	11,010	706.2	40.2	62.6	85.3	48.2	191.6	61.2	50.5	2.5	9.0	15.6	10.5	537.0	1,281.4	
1989 Mar. qtr	6,260	439.9	2,615	167.6	8,870	607.4	28.5	67.1	141.4	66.5	83.8	49.4	44.9	4.3	11.8	12.2	33.3	514.7	1,150.6	
June qtr	6,840	540.0	2,999	207.8	9,840	747.8	26.6	39.3	60.5	79.2	92.7	77.7	46.5	2.8	21.4	16.2	46.3	482.6	1,256.9	

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

TABLE 1. SUMMARY OF BUILDING ACTIVITY, QUEENSLAND—continued

Period	New residential building						Value (\$m)												
	Houses		Other residential buildings		Total	Alterations and additions to residential buildings	Non-residential building										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	Entertainment and recreational	Miscellaneous			
VALUE OF WORK DONE DURING PERIOD																			
1986-87	..	935.4	..	187.8	..	1,123.3	69.7	232.6	425.2	101.3	342.7	174.8	132.5	15.1	74.3	65.8	56.6	1,621.0	2,813.9
1987-88	..	1,294.7	..	379.5	..	1,674.2	91.9	405.7	577.9	143.9	431.5	246.0	157.9	13.3	62.9	60.6	94.1	2,193.7	3,959.9
1988-89	..	2,092.4	..	847.8	..	2,940.7	123.5	416.7	403.2	185.1	410.4	254.7	194.1	15.2	103.3	71.1	126.8	2,180.6	5,244.8
1988 Mar. qtr	..	319.8	..	89.4	..	409.2	20.1	126.8	124.2	29.5	106.9	65.4	41.8	3.6	15.8	11.1	20.7	545.9	975.1
June qtr	..	392.8	..	130.5	..	523.3	22.5	93.7	117.8	42.1	119.9	56.1	31.8	4.5	11.3	11.9	27.2	516.3	1,062.1
Sept. qtr	..	486.5	..	174.8	..	661.3	30.4	102.3	101.2	43.6	114.3	63.1	37.7	3.4	23.0	13.1	32.6	534.4	1,226.0
Dec. qtr	..	564.5	..	207.2	..	771.8	37.0	78.6	98.3	54.4	100.1	64.0	64.4	5.3	20.4	21.0	30.7	537.1	1,345.8
1989 Mar. qtr	..	478.2	..	223.2	..	701.4	25.5	123.7	78.7	47.4	86.9	54.6	47.1	3.5	32.4	17.7	27.0	518.8	1,245.7
June qtr	..	563.7	..	242.5	..	806.2	30.7	112.2	125.0	39.7	109.1	73.0	45.0	3.0	27.5	19.3	36.5	590.3	1,427.3
VALUE OF WORK YET TO BE DONE																			
1986-87	..	128.0	..	74.3	..	202.4	10.7	113.1	303.6	24.9	271.8	51.9	24.8	2.2	36.1	13.4	63.8	905.5	1,118.6
1987-88	..	297.7	..	229.0	..	526.6	13.8	228.0	122.9	55.3	231.7	37.3	44.4	8.6	23.1	10.5	99.9	881.7	1,422.1
1988-89	..	429.8	..	488.7	..	918.5	19.9	427.7	247.9	61.4	144.8	88.7	68.1	5.6	64.5	44.4	65.5	1,218.7	2,157.1
1988 Mar. qtr	..	224.6	..	156.3	..	380.9	10.2	223.5	220.9	60.0	271.2	46.5	69.5	11.1	14.0	13.4	114.7	1,044.7	1,435.8
June qtr	..	297.7	..	229.0	..	526.6	13.8	228.0	122.9	55.3	231.7	37.3	44.4	8.6	23.1	10.5	99.9	881.7	1,422.1
Sept. qtr	..	321.4	..	327.7	..	649.1	20.0	197.6	144.7	52.7	160.8	83.2	54.1	7.2	90.3	14.4	80.1	885.1	1,554.2
Dec. qtr	..	367.7	..	367.3	..	735.0	14.4	305.4	186.5	40.8	151.1	52.3	63.2	8.1	77.4	37.8	61.6	984.2	1,733.6
1989 Mar. qtr	..	387.3	..	450.3	..	837.6	16.2	422.2	200.6	38.9	137.3	85.5	63.5	5.7	67.8	41.0	73.1	1,135.6	1,989.4
June qtr	..	429.8	..	488.7	..	918.5	19.9	427.7	247.9	61.4	144.8	88.7	68.1	5.6	64.5	44.4	65.5	1,218.7	2,157.1

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 82 such dwelling units commenced in the June quarter 1989.

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, QUEENSLAND

Period	New residential building					Value (\$m)														Total building
	Houses		Other residential buildings		Total	Non-residential building														
	Number of dwelling units (a)	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																				
1986-87	16,150	912.6	3,615	182.0	19,770	1,094.6	71.7	273.1	580.5	100.0	348.9	132.7	37.5	11.0	39.8	42.5	40.4	1,606.4	2,772.8	
1987-88	22,540	1,428.4	7,605	483.9	30,140	1,912.3	86.1	462.3	430.5	172.5	378.1	177.1	61.6	16.3	30.9	46.0	36.0	1,811.3	3,094.8	
1988-89	29,320	2,150.5	12,019	1,036.3	41,339	3,186.8	125.2	610.9	493.6	163.6	266.4	202.7	94.9	13.7	102.8	92.5	12.0	2,073.1	5,385.2	
1988 Mar. qtr	5,320	340.4	1,940	117.5	7,260	457.8	17.1	224.8	125.6	37.8	188.6	44.8	27.7	2.0	4.7	12.7	7.9	676.8	1,151.7	
June qtr	6,750	453.8	2,680	190.3	9,430	644.0	25.8	72.1	75.6	35.2	66.3	38.0	9.2	1.6	8.7	8.6	5.9	321.4	991.2	
Sept. qtr	7,600	496.3	2,809	257.4	10,410	753.7	36.9	127.8	148.0	40.5	34.7	45.8	21.3	2.1	81.9	13.2	6.8	522.2	1,312.8	
Dec. qtr	8,110	586.1	3,326	219.4	11,430	805.5	29.1	146.1	80.3	45.9	66.7	50.7	41.0	6.3	7.1	39.7	5.1	488.9	1,323.4	
1989 Mar. qtr	6,100	478.7	2,978	290.5	9,070	769.2	26.3	221.4	97.9	43.0	61.1	45.0	19.8	2.1	3.7	18.3	8.8	521.4	1,316.8	
June qtr	7,510	589.4	2,926	269.0	10,430	858.4	33.1	115.7	167.5	34.2	103.8	61.1	12.8	2.9	10.0	21.3	11.3	540.6	1,432.1	
UNDER CONSTRUCTION AT END OF PERIOD																				
1986-87	4,080	270.9	2,135	135.0	6,210	405.9	21.8	267.8	449.9	34.5	303.0	62.2	8.7	4.2	32.0	20.0	22.6	1,205.0	1,632.7	
1987-88	7,630	567.3	4,763	365.3	12,390	932.6	35.3	451.5	322.1	111.3	342.5	72.5	49.7	14.8	24.9	21.7	7.0	1,418.1	2,385.9	
1988-89	9,540	803.5	7,456	810.3	17,000	1,613.8	38.2	712.7	414.2	93.2	334.3	74.9	87.8	12.5	93.0	69.9	18.9	1,911.5	3,563.5	
1988 Mar. qtr	5,970	438.5	3,510	259.5	9,480	698.0	26.9	416.5	597.0	94.4	441.8	83.5	50.7	17.6	21.7	19.5	8.5	1,751.2	2,476.1	
June qtr	7,630	567.3	4,763	365.3	12,390	932.6	35.3	451.5	322.1	111.3	342.5	72.5	49.7	14.8	24.9	21.7	7.0	1,418.1	2,385.9	
Sept. qtr	8,620	646.4	5,732	515.0	14,350	1,161.4	40.9	378.9	358.7	121.3	345.4	66.1	62.5	12.3	102.7	25.7	10.2	1,483.7	2,686.0	
Dec. qtr	8,590	683.8	6,755	610.1	15,340	1,293.9	32.1	464.5	351.2	117.5	328.2	64.2	91.7	16.0	99.9	51.6	8.6	1,593.5	2,919.5	
1989 Mar. qtr	8,630	737.6	7,224	740.4	15,860	1,478.0	31.1	634.4	303.4	93.7	315.1	66.9	87.8	12.4	92.5	61.6	12.6	1,680.4	3,189.5	
June qtr	9,540	803.5	7,456	810.3	17,000	1,613.8	38.2	712.7	414.2	93.2	334.3	74.9	87.8	12.5	93.0	69.9	18.9	1,911.5	3,563.5	
COMPLETED																				
1986-87	16,720	915.9	3,147	131.4	19,870	1,047.3	64.8	126.8	348.3	95.5	310.5	102.8	49.7	16.4	36.7	39.7	26.1	1,152.4	2,264.4	
1987-88	18,840	1,138.4	4,900	261.6	23,740	1,402.0	80.4	335.5	492.3	91.3	308.1	165.1	26.3	9.0	39.3	44.5	48.0	1,561.4	3,043.8	
1988-89	27,310	1,935.3	9,204	594.6	36,510	2,530.0	125.7	310.0	365.6	203.9	288.1	198.1	68.1	14.2	32.4	48.5	20.5	1,549.6	4,205.2	
1988 Mar. qtr	4,670	290.7	1,435	74.8	6,100	365.5	19.2	29.3	45.3	25.1	42.7	45.5	10.0	1.4	18.6	4.5	9.3	231.7	616.4	
June qtr	5,040	327.2	1,421	88.1	6,460	415.3	17.6	63.2	266.5	20.5	164.9	49.0	4.9	4.8	5.6	6.6	7.7	593.8	1,026.7	
Sept. qtr	6,580	425.1	1,780	107.5	8,360	532.7	30.6	141.8	80.5	29.9	30.8	52.2	8.8	4.6	4.9	10.0	3.8	367.3	930.7	
Dec. qtr	8,110	553.5	2,258	129.5	10,370	683.0	40.2	62.2	84.0	48.0	91.0	50.6	14.0	2.5	6.9	14.2	6.7	380.2	1,103.4	
1989 Mar. qtr	6,020	428.3	2,478	162.3	8,500	590.6	28.3	66.6	140.9	66.5	78.4	41.2	24.7	4.3	11.2	10.5	5.0	449.3	1,068.2	
June qtr	6,600	528.4	2,688	195.3	9,290	723.6	26.6	39.3	60.2	59.5	87.9	54.1	20.7	2.8	9.4	13.8	5.0	352.7	1,102.9	

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

TABLE 2. SUMMARY OF PRIVATE SECTOR BUILDING ACTIVITY, QUEENSLAND (continued)

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	
VALUE OF WORK DONE DURING PERIOD																				
1986-87	..	910.1	..	180.3	..	1,070.3	69.6	232.1	387.0	95.7	246.5	115.2	44.6	15.1	29.5	42.3	33.8	1,241.8	2,381.7	
1987-88	..	1,272.9	..	346.2	..	1,619.0	90.9	404.8	576.1	139.9	338.6	195.1	52.9	13.3	42.8	46.1	39.7	1,849.3	3,559.2	
1988-89	..	2,044.1	..	800.9	..	2,845.0	123.2	402.0	388.2	180.6	352.1	189.0	99.4	15.2	73.5	62.9	73.7	1,786.6	4,754.8	
1988 Mar. qtr	..	315.3	..	80.5	..	395.8	20.0	126.4	123.8	29.2	84.5	49.6	25.1	3.6	11.2	8.1	7.0	468.4	884.2	
June qtr	..	387.3	..	120.4	..	507.7	22.5	93.6	117.0	40.1	92.6	45.9	13.5	4.5	7.9	10.3	6.8	432.2	962.4	
Sept. qtr	..	478.7	..	166.1	..	644.8	30.3	102.1	100.4	42.8	97.2	43.0	17.2	3.4	16.9	10.7	5.5	439.3	1,114.4	
Dec. qtr	..	550.8	..	198.4	..	749.1	36.8	73.9	92.8	53.8	78.7	49.4	31.9	5.3	15.0	18.6	6.3	425.7	1,211.7	
1989 Mar. qtr	..	466.5	..	211.1	..	677.7	25.4	120.1	75.8	47.1	77.7	40.8	27.5	3.3	24.5	15.6	5.5	438.0	1,141.1	
June qtr	..	548.1	..	225.3	..	773.4	30.6	105.9	119.0	37.0	98.5	55.8	22.9	3.0	17.1	17.9	6.5	483.6	1,287.6	
VALUE OF WORK YET TO BE DONE																				
1986-87	..	127.3	..	69.8	..	197.1	10.7	112.7	303.1	18.7	190.2	35.8	3.6	2.2	20.8	8.7	9.8	705.5	913.3	
1987-88	..	290.8	..	218.6	..	509.4	13.8	228.0	122.1	51.8	202.8	24.8	17.9	8.6	10.2	9.1	3.6	679.0	1,202.2	
1988-89	..	418.9	..	467.0	..	885.8	19.3	401.5	197.2	58.0	132.0	38.0	25.6	5.6	37.2	43.0	12.3	950.4	1,855.5	
1988 Mar. qtr	..	221.7	..	145.0	..	366.7	10.2	223.4	220.0	54.6	229.2	32.7	27.5	11.1	9.3	10.5	4.2	822.4	1,199.3	
June qtr	..	290.8	..	218.6	..	509.4	13.8	228.0	122.1	51.8	202.8	24.8	17.9	8.6	10.2	9.1	3.6	679.0	1,202.2	
Sept. qtr	..	316.5	..	313.2	..	629.7	19.8	192.5	144.4	49.3	139.4	27.6	22.3	7.2	76.0	12.4	5.0	681.0	1,330.5	
Dec. qtr	..	357.0	..	344.9	..	701.8	14.4	271.4	128.0	40.1	134.7	28.4	33.6	8.1	65.2	33.9	3.9	747.3	1,463.5	
1989 Mar. qtr	..	372.8	..	427.1	..	799.9	16.2	389.8	145.3	35.7	123.4	31.6	27.6	5.7	44.4	38.8	7.5	849.8	1,665.9	
June qtr	..	418.9	..	467.0	..	885.8	19.3	401.5	197.2	58.0	132.0	38.0	25.6	5.6	37.2	43.0	12.3	950.4	1,855.5	

TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, QUEENSLAND

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)	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																						
1986-87	528	21.3	713	22.4	1,241	43.7	0.1	1.0	7.5	4.2	129.7	29.4	79.3	—	36.4	15.5	73.4	440.1	420.1			
1987-88	741	28.1	1,208	39.5	1,949	67.6	1.1	0.4	2.2	1.1	44.4	77.4	140.1	—	15.1	12.4	177.0	470.4	539.0			
1988-89	1,055	53.0	1,587	57.3	2,642	110.2	0.9	38.8	63.3	6.7	41.7	81.0	107.3	—	43.8	8.3	54.1	446.9	558.0			
1988 Mar. qtr	80	3.1	318	10.4	398	13.6	—	0.4	1.4	—	8.6	23.0	50.7	—	1.0	3.0	81.3	169.5	183.0			
June qtr	234	9.5	262	9.4	496	18.9	—	—	0.6	—	19.7	32.8	4.5	—	11.3	0.1	6.1	75.2	94.1			
Sept. qtr	116	5.8	358	12.8	474	18.6	0.2	0.3	0.2	0.8	8.4	23.1	28.5	—	7.0	3.2	5.9	77.5	96.3			
Dec. qtr	414	19.7	491	15.1	905	34.9	—	38.5	63.6	0.1	16.9	1.3	31.0	—	3.3	4.2	7.0	165.9	200.8			
1989 Mar. qtr	312	15.5	345	13.5	657	29.0	—	—	0.1	2.8	6.2	44.3	25.4	—	19.0	0.4	30.7	128.9	157.9			
June qtr	213	12.0	393	15.8	606	27.8	0.7	—	1.4	3.0	10.2	12.3	22.3	—	14.5	0.5	10.5	74.6	103.0			
UNDER CONSTRUCTION AT END OF PERIOD																						
1986-87	103	3.9	308	9.2	411	13.0	—	0.7	0.7	22.1	116.9	30.5	47.1	—	38.0	10.8	69.4	336.2	349.2			
1987-88	314	12.4	765	25.6	1,079	38.0	—	0.4	1.2	27.1	103.9	43.8	52.3	—	33.6	4.8	146.0	408.1	446.1			
1988-89	479	24.9	1,209	44.6	1,688	69.6	0.7	40.0	63.9	5.7	32.1	80.9	79.1	—	40.5	3.4	128.6	474.2	544.5			
1988 Mar. qtr	193	7.0	710	23.2	903	30.2	—	0.4	1.0	22.1	98.1	21.1	60.9	—	22.3	5.3	141.9	373.1	403.3			
June qtr	314	12.4	765	25.6	1,079	38.0	—	0.4	1.2	22.1	103.9	43.8	52.3	—	33.6	4.8	146.0	408.1	446.1			
Sept. qtr	287	12.4	821	29.0	1,108	41.3	0.2	0.3	1.4	21.8	110.1	83.3	69.8	—	18.5	3.7	147.9	457.0	498.5			
Dec. qtr	427	20.6	939	33.9	1,366	54.5	0.2	38.5	63.6	19.6	26.0	54.9	63.4	—	19.7	6.6	151.2	443.5	498.2			
1989 Mar. qtr	506	24.5	1,127	41.4	1,633	66.0	—	40.0	62.8	22.4	27.3	90.5	69.0	—	38.2	5.2	152.4	507.8	573.8			
June qtr	479	24.9	1,209	44.6	1,688	69.6	0.7	40.0	63.9	5.7	32.1	80.9	79.1	—	40.5	3.4	128.6	474.2	544.5			
COMPLETED																						
1986-87	716	28.1	1,011	32.8	1,727	60.9	0.1	0.3	82.0	5.1	118.7	152.4	123.8	—	37.8	32.2	22.0	574.6	635.6			
1987-88	530	19.4	725	22.3	1,255	41.8	1.0	0.8	1.8	1.2	51.3	48.6	99.2	—	22.1	17.1	15.1	257.1	299.9			
1988-89	890	40.3	1,123	39.1	2,013	79.5	0.2	1.3	2.2	20.9	114.1	46.0	88.8	—	37.3	9.6	77.4	397.6	477.3			
1988 Mar. qtr	136	4.9	173	4.9	309	9.8	0.1	—	0.5	0.7	1.6	13.4	21.7	—	8.8	8.5	3.6	58.8	68.7			
June qtr	113	4.1	181	6.2	294	10.3	—	—	0.5	—	8.0	5.9	11.4	—	0.2	0.7	2.1	28.7	39.0			
Sept. qtr	143	5.8	302	9.6	445	15.3	—	0.4	—	1.1	3.4	3.6	6.3	—	22.6	4.1	4.0	45.5	60.9			
Dec. qtr	474	11.4	373	11.7	647	23.2	—	0.3	1.4	0.1	100.6	10.6	36.5	—	2.1	1.4	3.8	156.8	180.0			
1989 Mar. qtr	233	11.5	137	5.3	370	16.8	0.2	0.5	0.5	—	5.4	8.2	20.3	—	0.6	1.7	28.3	65.4	82.4			
June qtr	240	11.6	311	12.6	551	24.2	—	—	0.3	19.7	4.7	23.6	25.8	—	12.0	2.4	41.3	129.8	154.0			

TABLE 3. SUMMARY OF PUBLIC SECTOR BUILDING ACTIVITY, QUEENSLAND—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)	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																					
1986-87	..	25.4	..	27.6	..	53.0	0.1	0.5	38.2	5.6	96.2	59.6	87.9	—	44.8	23.4	22.8	379.2	432.2		
1987-88	..	21.8	..	33.3	..	55.2	1.1	0.9	1.9	4.0	92.9	50.9	104.9	—	20.1	14.5	54.4	344.5	400.7		
1988-89	..	48.8	..	46.9	..	95.6	0.3	14.7	15.0	4.5	58.3	65.8	94.6	—	29.8	8.3	103.1	394.1	490.0		
1988 Mar. qtr	..	4.4	..	8.9	..	13.3	0.1	0.3	0.5	0.3	22.4	15.9	16.7	—	4.6	3.0	13.7	77.4	90.8		
June qtr	..	5.5	..	10.1	..	15.5	—	0.1	0.7	2.0	27.3	10.2	18.3	—	3.4	1.7	20.4	84.1	99.7		
Sept. qtr	..	7.7	..	8.7	..	16.4	—	0.3	0.7	0.8	17.1	20.1	20.5	—	6.1	2.4	27.1	95.1	111.6		
Dec. qtr	..	13.8	..	8.9	..	22.6	0.1	4.6	5.4	0.6	21.4	14.6	32.5	—	5.4	2.4	24.4	111.4	134.1		
1989 Mar. qtr	..	11.7	..	12.1	..	23.8	—	3.5	2.9	0.3	9.2	13.8	19.6	—	7.9	2.1	21.5	80.8	104.6		
June qtr	..	15.0	..	17.2	..	32.8	0.1	6.3	6.0	2.7	10.6	17.2	22.1	—	10.5	1.4	30.0	106.8	139.6		
VALUE OF WORK YET TO BE DONE																					
1986-87	..	0.7	..	4.5	..	5.2	—	0.5	0.5	6.2	81.6	16.1	21.2	—	15.3	4.7	54.0	200.0	205.3		
1987-88	..	6.8	..	10.4	..	17.2	—	—	0.8	3.4	28.9	32.5	26.5	—	12.9	1.4	96.2	202.7	219.9		
1988-89	..	10.9	..	21.8	..	32.7	0.6	26.1	50.7	3.4	12.9	50.7	42.6	—	27.3	1.4	53.2	268.3	301.5		
1988 Mar. qtr	..	2.9	..	11.3	..	14.2	—	0.1	0.9	5.4	42.0	13.8	42.0	—	4.7	2.9	1.05	222.3	236.5		
June qtr	..	6.8	..	10.4	..	17.2	—	—	0.8	3.4	28.9	32.5	26.5	—	12.9	1.4	96.2	202.7	219.9		
Sept. qtr	..	4.8	..	14.6	..	19.4	0.1	0.1	0.3	3.4	21.4	55.6	31.9	—	14.3	2.0	75.1	204.1	223.7		
Dec. qtr	..	10.7	..	22.4	..	33.2	—	34.0	58.5	0.7	16.4	23.9	29.5	—	12.2	3.9	57.7	236.9	270.0		
1989 Mar. qtr	..	14.6	..	23.2	..	37.7	—	32.4	55.3	3.2	13.9	53.9	35.9	—	23.4	2.2	65.6	285.8	323.5		
June qtr	..	10.9	..	21.8	..	32.7	0.6	26.1	50.7	3.4	12.9	50.7	42.6	—	27.3	1.4	53.2	268.3	301.5		

TABLE 4. NUMBER OF DWELLING UNITS BY STAGE OF CONSTRUCTION, QUEENSLAND
SEASONALLY ADJUSTED SERIES (a)

Period	Houses				Total			
	Private sector		Total		Private sector		Total	
	Commenced	Completed	Commenced	Completed	Commenced	Completed	Commenced	Completed
1988 Mar. qtr	5,920	5,120	5,920	5,300	8,010	6,700	8,340	7,060
June qtr	6,910	5,170	7,200	5,250	9,610	6,670	10,270	6,910
Sept. qtr	7,230	6,370	7,410	6,450	9,930	7,980	10,310	8,430
Dec. qtr	7,540	7,490	7,900	7,830	10,750	9,670	11,640	10,310
1989 Mar. qtr	6,790	6,610	7,030	6,900	10,000	9,320	10,580	9,750
June qtr	7,700	6,780	7,980	6,970	13,550	9,590	11,450	10,070

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

TABLE 5. VALUE OF BUILDING WORK DONE, QUEENSLAND
SEASONALLY ADJUSTED SERIES
(\$ million)

Period	New residential building			Non-residential building	Total building
	Houses	Other residential buildings	Total		
1988 Mar. qtr	358.6	101.7	455.6	571.0	1,067.3
June qtr	390.2	126.0	524.6	550.9	1,101.3
Sept. qtr	466.6	161.8	626.7	517.0	1,155.0
Dec. qtr	532.8	206.2	735.0	500.9	1,268.3
1989 Mar. qtr	536.2	253.7	779.9	541.7	1,362.4
June qtr	560.2	234.5	809.9	630.5	1,481.5

TABLE 6. VALUE OF BUILDING WORK COMMENCED, AT AVERAGE 1984-85 PRICES (a) - QUEENSLAND
(\$ million)

Period	New residential building			Alterations and additions to residential buildings	Non-residential building		Total building
	Houses	Other residential buildings	Total		Private sector	Total	
1986-87 r	866.7	185.0	1,051.7	66.5	1,460.7	1,802.5	2,920.7
1987-88 r	1,252.8	438.1	1,690.9	74.4	1,523.4	1,918.6	3,683.9
1988-89 r	1,568.1	823.4	2,391.5	88.5	1,561.7	1,898.9	4,378.9
1988 Mar. qtr	293.0	106.9	399.9	14.4	562.1	702.9	1,117.2
June qtr	379.2	162.4	541.6	20.7	259.8	320.6	882.9
Sept. qtr	390.1	213.3	603.4	28.2	410.2	471.1	1,102.7
Dec. qtr	444.1	179.6	623.7	20.8	573.2	499.8	1,144.3
1989 Mar. qtr	340.6	225.7	566.3	17.7	387.4	483.2	1,067.2
June qtr	393.3	204.8	598.1	21.8	390.9	444.8	1,064.7

(a) See paragraphs 41 to 42 of the Explanatory Notes.

TABLE 7. VALUE OF BUILDING WORK DONE, AT AVERAGE 1984-85 PRICES (a), QUEENSLAND
ORIGINAL AND SEASONALLY ADJUSTED SERIES
(\$ million)

(₹ million)						
Period	New residential building		Alterations and additions to residential buildings	Non-residential building		Total building
	Houses	Other residential buildings		Private sector	Total	
ORIGINAL						
1986-87 r	868.0	166.8	1,034.8	64.6	1,105.9	2,543.0
1987-88 r	1,115.7	317.4	1,433.1	79.9	1,554.7	3,157.3
1988-89 r	1,499.6	639.9	2,139.5	88.8	1,351.2	3,877.8
1988 Mar. qtr r	273.3	74.3	347.6	17.2	389.7	818.9
June qtr r	322.2	106.8	429.0	18.5	352.2	868.2
Sept. qtr r	379.4	138.6	518.0	23.6	347.0	963.7
Dec. qtr r	416.7	159.3	576.0	27.3	326.2	1,014.9
1989 Mar. qtr r	332.1	166.8	498.9	17.6	327.1	903.9
June qtr	371.4	175.2	546.6	20.3	350.9	995.3
SEASONALLY ADJUSTED						
1988 Mar. qtr r	306.5	84.6	387.0	n.a.	n.a.	896.4
June qtr r	320.0	103.1	430.1	n.a.	n.a.	900.2
Sept. qtr r	364.0	128.3	490.9	n.a.	n.a.	907.9
Dec. qtr r	393.3	158.5	548.6	n.a.	n.a.	956.4
1989 Mar. qtr r	372.4	189.6	554.7	n.a.	n.a.	988.6
June qtr	369.1	169.4	549.1	n.a.	n.a.	1,033.1

(a) See paragraphs 41 to 42 of the Explanatory Notes.

TABLE 8. NUMBER OF DWELLING UNITS BY OWNERSHIP,
CLASS OF BUILDER AND STAGE OF CONSTRUCTION,
QUEENSLAND

Period	Private sector					Public sector			Total		
	Houses					Other residential buildings					
	Contractor-built(a)	Other(a)	Total(a)	Other residential buildings	Total(a)	Houses	Other residential buildings	Total	Houses(a)	Other residential buildings	Total(a)
COMMENCED											
1986-87	13,940	2,220	16,150	3,615	19,770	528	713	1,241	16,680	4,328	21,010
1987-88	19,720	2,820	22,540	7,605	30,140	741	1,208	1,949	23,280	8,813	32,090
1988-89	24,980	4,340	29,320	12,039	41,350	1,055	1,587	2,642	30,370	13,626	44,000
1988 Mar. qtr	4,800	530	5,320	1,940	7,260	80	318	398	5,400	2,258	7,660
June qtr	5,900	950	6,750	2,680	9,430	234	262	496	6,980	2,942	9,920
Sept. qtr	6,650	950	7,600	2,809	10,410	116	358	474	7,720	3,167	10,890
Dec. qtr	6,810	1,100	8,110	3,326	11,430	414	491	905	8,520	3,817	12,340
1989 Mar. qtr r	5,120	970	6,100	2,978	9,070	312	343	657	6,410	3,323	9,730
June qtr	6,400	1,110	7,510	2,926	10,430	213	393	606	7,720	3,319	11,040
UNDER CONSTRUCTION AT END OF PERIOD											
1986-87	2,750	1,330	4,080	2,135	6,210	103	308	411	4,180	2,443	6,630
1987-88	5,980	1,650	7,630	4,763	12,390	514	765	1,079	7,940	5,528	13,470
1988-89	7,560	1,980	9,540	7,456	17,000	479	1,209	1,688	10,020	8,665	18,690
1988 Mar. qtr	4,700	1,270	5,970	3,510	9,480	193	710	903	6,160	4,220	10,380
June qtr	5,980	1,650	7,630	4,763	12,390	514	765	1,079	7,940	5,528	13,470
Sept. qtr	6,690	1,930	8,620	5,732	14,350	287	821	1,108	8,900	6,553	15,460
Dec. qtr	6,660	1,920	8,590	6,755	15,340	427	939	1,366	9,020	7,694	16,710
1989 Mar. qtr r	6,800	1,830	8,630	7,224	15,860	506	1,127	1,633	9,140	8,351	17,490
June qtr	7,560	1,980	9,540	7,456	17,000	479	1,209	1,688	10,020	8,665	18,690
COMPLETED											
1986-87	13,910	2,810	16,720	3,147	19,870	716	1,011	1,727	17,440	4,158	21,600
1987-88	16,640	2,240	18,880	4,909	23,780	530	725	1,255	19,410	5,614	25,040
1988-89	23,480	3,830	27,310	9,204	36,510	890	1,123	2,013	28,200	10,327	38,530
1988 Mar. qtr	4,050	620	4,670	1,435	6,100	136	173	309	4,810	1,608	6,410
June qtr	4,530	520	5,040	1,421	6,460	113	181	294	5,150	1,602	6,760
Sept. qtr	5,970	610	6,580	1,780	8,360	143	302	445	6,720	2,082	8,800
Dec. qtr	6,840	1,270	8,110	2,258	10,370	274	373	647	8,380	2,631	11,010
1989 Mar. qtr r	5,030	990	6,020	2,478	8,500	233	137	370	6,260	2,615	8,870
June qtr	5,640	960	6,600	2,688	9,290	240	311	551	6,840	2,999	9,840

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

TABLE 9. NUMBER AND VALUE OF NEW HOUSES BUILT BY CONTRACT BUILDERS FOR PRIVATE OWNERSHIP, BY COMPLETION VALUE RANGE AND STAGE OF CONSTRUCTION QUEENSLAND

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 (a)												
1986-87	4,420	4,790	4,730	13,940	520	820	1,410	2,750	4,710	4,790	4,420	13,910
1987-88	4,630	6,740	8,160	19,720	820	1,620	3,540	5,980	4,480	5,890	6,270	16,640
1988-89	2,840	8,440	13,700	24,980	330	1,910	5,330	7,560	3,340	8,070	12,070	23,480
1988 Mar. qtr	1,080	1,620	2,100	4,800	720	1,390	2,590	4,700	1,070	1,370	1,600	4,050
June qtr	1,080	1,920	2,800	5,800	820	1,620	3,540	5,980	1,040	1,630	1,860	4,530
Sept. qtr	1,160	2,360	3,130	6,650	800	1,980	3,910	6,690	1,170	2,060	2,740	5,970
Dec. qtr	710	2,580	3,520	6,810	410	2,030	4,220	6,660	1,110	2,450	3,280	6,840
1989 Mar. qtr r	570	1,580	2,970	5,120	410	1,860	4,530	6,800	600	1,680	2,750	5,030
June qtr	410	1,910	4,080	6,400	330	1,910	5,330	7,560	460	1,800	3,290	5,640
VALUE (\$m)												
1986-87	138.5	230.6	426.9	796.0	16.7	39.0	143.3	199.0	147.4	230.3	393.3	771.0
1987-88	145.6	324.9	779.7	1,250.2	27.2	78.8	354.5	460.5	141.3	284.0	586.6	1,011.9
1988-89	93.9	412.3	1,353.4	1,859.6	11.2	95.7	563.6	670.5	110.6	391.8	1,178.9	1,681.4
1988 Mar. qtr	35.9	77.5	195.3	308.7	24.0	66.8	273.6	364.5	35.7	66.9	148.1	250.8
June qtr	35.0	92.1	261.0	388.1	27.2	78.8	354.5	460.5	34.1	77.9	184.8	296.9
Sept. qtr	37.4	113.8	282.4	433.5	26.3	95.4	396.9	518.6	37.8	99.1	249.0	386.5
Dec. qtr	24.0	125.0	351.4	500.4	14.2	99.2	443.8	557.1	37.0	117.6	313.4	467.9
1989 Mar. qtr r	18.8	77.8	316.4	413.0	13.6	91.7	506.3	611.6	20.7	82.1	266.4	369.1
June qtr	13.7	95.8	403.2	512.6	11.2	95.7	563.6	670.5	15.2	92.5	350.2	457.9

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

TABLE 10. SUMMARY OF BUILDING ACTIVITY, QUEENSLAND
RELATIVE STANDARD ERRORS (PER CENT)
JUNE QUARTER 1989

JUNE QUARTER 1987

	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	2.6	3.3	1.9	2.3	6.0	1.8
Under construction at end of period	2.8	3.1	1.6	1.5	7.5	0.7
Completed	3.9	4.6	2.7	3.4	8.4	2.2
Value of work done	—	3.4	—	2.4	6.0	1.5
Value of work yet to be done	—	4.0	—	1.9	8.3	0.9
TOTAL PRIVATE AND PUBLIC SECTORS						
Commenced	2.6	3.2	1.8	2.2	5.9	1.3
Under construction at end of period	2.7	3.0	1.4	1.5	7.4	0.6
Completed	3.7	4.5	2.6	3.3	8.4	2.0
Value of work done	—	3.3	—	2.3	5.9	1.3
Value of work yet to be done	—	3.9	—	1.8	8.1	0.8

EXPLANATORY NOTES

Introduction

The statistics in this publication 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 house building activity involving new house construction or alterations and additions valued at \$10,000 or more to houses and
- (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 \$30,000 or more.

2. 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 Australian levels. Further geographical disaggregations are not available. Dwelling unit commencement data for regions below State/Territory level, however, are shown in the series of dwelling unit commencements reported by approving authorities. Data from that series, unlike those compiled from the building activity survey, are based on information reported by local and other government authorities.

Scope and Coverage

3. 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.

4. From September quarter 1985, the scope of the building activity survey has changed in respect of non-residential building activity. Only non-residential building jobs (both new and alterations and additions) with an approval value of \$30,000 or more are now included in the collection. For periods prior to September quarter 1985, the survey included non-residential building jobs with an approval value of \$10,000 or more.

5. As an indication of the effect of the change on published data, a comparison of the value of work done on non-residential building jobs during September quarter 1985, based on the previous \$10,000 and the new \$30,000 cut-off value limit, revealed a subsequent loss of only 2 per cent.

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 (i.e. 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 (i.e. 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 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 December quarter.

Definitions

7. A *building* is defined as a rigid, fixed and permanent structure which has a roof, as intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of the design of a building, 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, 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 hotels, 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. town houses, 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.

EXPLANATORY NOTES – continued

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 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.

14. *Valuation of building jobs.* The values in this publication are derived from estimates reported on survey returns as follows:

15. *Value of building commenced, or under construction.* The estimated value 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.

16. *Value of building completed.* 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.

17. *Value of building work done during the period.* The estimated value of building work actually carried out during the quarter on building jobs which have commenced.

18. *Value of building work yet to be done.* The difference between the anticipated completion value and the estimated value of work done on building jobs up to the end of the period.

Building Classification

19. 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.

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

(a) *Contractor-built houses.* 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.* Those constructed by an owner (other than a recognised building contractor) or under his 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.

21. *Functional classification of buildings.* A building is classified according to its intended major function. 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' and 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'.

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

23. *Houses.* Includes cottages, bungalows, detached caretakers'/managers' cottages and rectories.

24. *Other residential buildings.* Includes flats, home units, attached town houses, villa units, terrace houses, semi-detached houses and maisonettes.

25. *Hotels etc.* Includes motels, hostels, boarding houses, guest houses and holiday apartment buildings.

26. *Shops.* Includes retail shops, restaurants, cafes, taverns, dry cleaners, laundromats, hair salons and shopping arcades.

27. *Factories.* Includes paper mills, oil refinery buildings, brickworks, foundries, power houses, manufacturing laboratories and workshops as part of a manufacturing process.

28. *Offices.* Includes banks, post offices, council chambers and head and regional offices.

29. *Other business premises.* Includes warehouses, storage depots, service stations, transport depots and terminals, electricity substation buildings, pumping station buildings, telephone exchanges, mail sorting centres, broadcasting stations and film studios.

30. *Educational.* Includes schools, colleges, kindergartens, libraries, museums, art galleries, research and teaching laboratories and theological colleges.

31. *Religious.* Includes churches, chapels and temples.

32. *Health.* Includes hospitals, nursing homes, surgeries, clinics and medical centres.

33. *Entertainment and recreational.* Includes clubs, theatres, cinemas, public halls, gymnasiums, grandstands, squash courts and sports and recreation centres.

34. *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.

EXPLANATORY NOTES – continued

Reliability of the Estimates

35. 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; i.e. 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.

36. 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 19 chances in 20 that the difference will be less than two standard errors. Relative standard errors of the estimates are shown in Table 10.

37. 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 June quarter 1989 is 7,510. The associated relative standard error is 2.6 per cent (see Table 10). Therefore, there are about two chances in three that the value which would have been obtained if information had been obtained about all approved private sector house jobs would have been within the range 7,315 to 7,705 and about 19 chances in 20 that the value would have been within the range 7,119 to 7,901.

38. 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 activity 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

39. Seasonally adjusted building statistics are shown in Tables 4, 5 and 7. In the seasonally adjusted series, account has been taken of normal seasonal factors and the effect of movement in the date of Easter which may, in successive years, affect figures for different quarters.

40. 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

41. 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'.

42. 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).

Related Publications

43. Users may also wish to refer to the following publications which are available on request:

- Building Approvals* (8731.3) – Monthly (\$8.00)
- Building Approvals: Small Area Statistics* (8733.3) – Latest issue: 1988-89 (\$7.50)
- Dwelling Unit Commencements Reported by Approving Authorities* (8741.3) – Monthly (\$4.50)
- Dwelling Unit Commencements: Small Area Statistics* (8743.3) – Latest issue: 1987-88 (\$5.00)

44. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (Catalogue No. 1101.0) and those produced by the Queensland Office are listed in *List of Publications* (Catalogue No. 1101.3). A *Publications Advice* (Catalogue No. 1105.0) is issued on Tuesdays and Fridays which lists publications to be released in the next few days. These publications are available from any ABS Office.

Unpublished Statistics

45. The ABS can also make available certain building activity statistics which are not published. Where it is not practicable to provide the required statistics by telephone, they may be available in other forms, such as microfiche, photocopy, computer printout or clerically extracted tabulation. A charge may be made for providing unpublished statistics in these forms.

46. For further information on these unpublished statistics contact Norm Burke by telephoning Brisbane (07) 222 6286, or write to Information Services, Australian Bureau of Statistics, GPO Box 9817, Brisbane, Q. 4001.

Symbols and Other Usages

- r Figure or series revised since previous issue.
- .. Not applicable.
- Nil or less than half the final digit shown.

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

QUEENSLAND STATISTICAL PUBLICATIONS

Publications issued by the Queensland Office of the Australian Bureau of Statistics may be obtained from G.P.O. Box 9817, Brisbane, 4001, (telephone (07) 222 6352). Prices shown are for the latest issue and include postage and handling charges. Unpublished information on many statistical series is also available. Inquiries should be directed to the Information Service by telephoning Brisbane (07) 222 6351.

GENERAL

- 1101.3 List of Publications (free) a
- 1102.3 Queensland Localities Index (\$6.00) irr #
- 1105.3 Brisbane Statistical Division Street Index (\$20.00) irr
- 1108.3 Directory of Small Area Statistics (free) irr
- 1301.3 Queensland Year Book (\$29.95) a
- 1302.3 Queensland Pocket Year Book (\$9.50) a
- 1304.3 Monthly Summary of Statistics (\$7.50) m
- 1305.3 Queensland in Relation to Australia (\$3.00) a
- 1306.3 Local Government Areas Statistical Summary (\$10.00) a #
- 1307.3 Economic Indicators (\$4.50) m
- 1312.3 Queensland at a Glance (free) a
- 1313.3 Brisbane City Statistical Summary (\$5.00) a

CENSUS OF POPULATION AND HOUSING

- 2456.0 Census 86 - Age and Sex of Persons in Statistical Local Areas and Statistical Divisions (\$3.40) irr #
- 2464.0 Census 86 - Persons and Dwellings in Legal Local Government Areas, Statistical Local Areas and Urban Centres/Rural Localities (\$14.00) irr #
- 2472.0 Census 86 - Profile of Legal Local Government Areas - Usual Residents Counts (\$16.00) irr
- 2478.0 Census 86 - Profile of Statistical Local Areas - Usual Residents Counts (\$21.00) irr
- 2481.0 Census 86 - Summary Characteristics of Persons and Dwellings (\$16.00) irr
- 2503.3 Census 86 - Brisbane ... a social atlas (\$25.00) irr
- 2510.3 Census 86 - Aboriginal and Torres Strait Islanders (\$8.50) irr # #

INTERCENSAL ESTIMATES OF POPULATION, POPULATION PROJECTIONS, VITAL STATISTICS

- 3201.3 Estimated Resident Population and Area, Preliminary (\$4.50) a #
- 3202.3 Estimated Resident Population and Area (\$4.50) a #
- 3204.3 Estimated Resident Population: Components of Change (\$3.00) irr #
- 3210.3 Age and Sex Distribution of Estimated Resident Population (\$10.00) irr #
- 3212.3 Estimated Resident Population (\$5.00) irr #
- 3216.3 Migration: Patterns in Queensland (\$15.00) irr #
- 3217.3 Age and Sex Distribution of Estimated Resident Population - Data on Floppy Disk (\$60.00) a #
- 3302.3 Causes of Death (\$10.50) a
- 3304.3 Marriages (\$3.00) a #
- 3305.3 Divorces (\$3.00) a
- 3306.3 Births (\$3.00) a
- 3307.3 Deaths (\$5.00) a
- 3308.3 Demographic Summary (\$5.00) a
- 3309.3 Demography: Small Area Summary (\$5.00) a #
- 3310.3 Fertility Trends in Queensland (\$1.80) irr

EDUCATION, HEALTH AND WELFARE, LAW AND ORDER

- 4101.3 Summary of Social Statistics (\$7.50) a
- 4105.3 Queensland Families: Facts and Figures (free) irr
- 4202.3 Pre-schools and Child Care Centres (\$7.00) a #
- 4204.3 Schools (\$7.00) a #
- 4301.3 Health and Welfare Establishments, Preliminary (\$3.00) a
- 4302.3 Health and Welfare Establishments (\$8.00) a
- 4303.3 Hospital Morbidity (\$7.50) a
- 4304.3 Hospital Morbidity Rates (\$5.00) irr
- 4402.3 Child Care Arrangements (free) irr
- 4403.3 Disability and Ageing (\$7.50) irr #
- 4404.3 Housing (\$7.50) irr #
- 4501.3 Law and Order, Summary (\$3.00) a
- 4502.3 Law and Order (\$14.00) a
- 4505.3 Usage of Legal Services (free) irr
- 4506.3 Community Crime Prevention Attitudes (\$5.00) irr

PUBLIC FINANCE

- 5502.3 Local Government (\$10.00) a #
- 5503.3 Government Finance (\$7.50) a #

LABOUR AND PRICES

- 6201.3 The Labour Force (\$12.00) q
- 6301.3 Employment Injuries (\$7.50) a
- 6401.3 Indexes of Retail Prices of Food in Queensland Towns (\$2.00) a
- 6533.3 Household Expenditure Survey (\$1.80) irr
- 6545.3 Income Distribution Survey (\$7.50) irr

AGRICULTURE AND FISHING

- 7112.3 Selected Agricultural Commodities, Preliminary (\$5.00) a
- 7203.3 Cattle Breeds (\$10.00) irr #
- 7204.3 Livestock Products - Meat (\$3.00) m
- 7221.3 Livestock and Livestock Products (\$8.00) a #
- 7321.3 Crops and Pastures (\$10.50) a
- 7322.3 Fruit (\$5.00) a #
- 7411.3 Agricultural Land Use and Selected Inputs (\$8.00) a #
- 7501.3 Value of Agricultural Commodities Produced (\$7.50) a #

MANUFACTURING AND MINING

- 8203.3 Manufacturing Establishments - Details of Operations (\$11.50) a
- 8204.3 Employment Size Statistics (free) a
- 8205.3 Small Area Statistics (\$11.50) a #
- 8206.3 Sawmill Statistics (\$3.00) q
- 8301.3 Manuf. Commodities: Principal Articles Produced (free) irr
- 8401.3 Census of Mining Establishments: Details of Operations by Industry Subdivisions (\$7.50) a
- 8402.3 Mineral Production (\$4.50) a
- 8403.3 Sand, Gravel and Quarry Production (\$4.50) hy

INTERSTATE AND FOREIGN TRADE

- 8502.3 Interstate and Foreign Trade (\$5.00) a

TOURISM AND RETAIL TRADE

- 8622.3 Retail Industry - Details of Operations (\$10.50) irr
- 8623.3 Small Area Statistics (\$10.50) irr #
- 8626.3 Establishment Size Statistics (\$10.50) irr
- 8635.3 Tourist Accommodation (\$12.00) q
- 8640.3 Retail Industry: Details of Operations - Data on Floppy Disk (\$60.00) irr
- 8641.3 Retail Industry: Small Area Statistics - Data on Floppy Disk (\$60.00) irr #
- 8642.3 Retail Industry: Establishment Size Statistics - Data on Floppy Disk (\$60.00) irr

BUILDING AND CONSTRUCTION

- 8731.3 Building Approvals (\$8.00) m #
- 8733.3 Building Approvals: Small Area Statistics (\$5.00) a #
- 8741.3 Dwelling Unit Commencements Reported by Approving Authorities (\$4.50) m #
- 8743.3 Dwelling Unit Commencements: Small Area Statistics (\$5.00) a #
- 8752.3 Building Activity (\$7.50) q

TRANSPORT

- 9101.3 Transport (\$5.00) a
- 9303.3 Motor Vehicle Registrations (\$5.00) m
- 9405.3 Road Traffic Accidents (\$7.50) q #
- 9406.3 Road Traffic Accidents (\$7.50) a #

a - annual, hy - half-yearly, q - quarterly, m - monthly, irr - irregular.
Information shown for each local government area. # New title to be issued during 1989.

