

BUILDING OPERATIONS, AUSTRALIA SEPTEMBER QUARTER 1979

INQUIRIES

If you want to know more about these statistics ring Garry Whittaker on Canberra 526067 or our State office, or write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616
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EXPLANATORY NOTES

Introduction

This publication contains a summary of building operations statistics for September quarter 1979. For comparison with earlier statistics and details on definitions, reference can be made to previous issues of the quarterly publication *Building Statistics* (8705.0).

2. Because the statistics presented in this publication are derived at an early stage of processing, some minimal differences may exist between statistics presented here and the more detailed building statistics which will be published later in *Building Statistics* (8705.0). At the stage at which this publication is prepared only a few tabulations have been produced and only limited additional information is available.

3. The collection covers all new dwellings, new other building jobs valued at \$10,000 and over, and alterations and additions (to both dwellings and other building) valued at \$10,000 and over. New dwellings are shown separately from alterations and additions to dwellings. For other building, new work and alterations and additions are shown combined together.

Seasonal adjustment

4. Original and seasonally adjusted building operations are shown in Tables 1, 2 and 3. In the seasonal adjustment, account has been taken not only of normal seasonal factors but additionally of 'trading day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays, etc., in the month) and the influence of Easter which may, in successive years, affect figures for different months. Details of the methods used in seasonally adjusting these statistics are given in *Seasonally Adjusted Indicators* (1308.0).

5. Seasonally adjusted series for value of work done and completions for "alterations and additions to dwellings, valued at \$10,000 and over" have been

derived using data from September quarter 1973 onwards. These series will be re-examined as more data becomes available.

6. 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.

Related publications

7. Users may also wish to refer to the following building and construction publications which are available on request:

Building Approvals, Australia (8702.0)
Building Statistics, Australia: Number of New Dwellings (Preliminary Estimates) (8703.0)
Building Statistics (8705.0)
Construction (Other Than Building) Operations: Australia (8708.0)
Building and Construction Statistics, Index (1104.0).

8. All current publications produced by the ABS are listed in *Catalogue of Publications* (1101.0) which is available free of charge from any ABS office.

Symbols and other usages

.. not applicable.

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

R.J. CAMERON
Australian Statistician

TABLE 1. NUMBER AND VALUE OF BUILDING COMMENCED : AUSTRALIA

Period	Number of new dwellings				Value (\$ million)				
	Houses	Other dwellings	Private	Total	New dwellings	Alterations and additions to dwellings	Other building		Total building
							Private	Total	
ORIGINAL									
1976-77	108,841	32,876	126,429	141,717	3,665.0	266.4	1,224.0	2,253.3	6,184.6
1977-78	93,971	24,725	105,496	118,696	3,365.0	298.7	1,492.0	2,541.4	6,205.0
1978-79	94,746	24,357	109,576	119,103	3,638.4	317.3	1,668.2	2,852.9	6,808.3
Quarter -									
1978 June	24,210	6,332	26,867	30,542	876.4	82.2	414.4	702.8	1,661.5
September	23,095	5,987	26,343	29,082	875.7	76.3	396.9	721.0	1,672.9
December	21,763	5,060	25,109	26,823	807.2	74.2	446.4	700.8	1,582.1
1979 March	24,352	6,419	28,607	30,771	937.2	81.3	427.0	734.8	1,753.2
June	25,536	6,891	29,517	32,427	1,018.3	85.5	397.9	696.3	1,800.1
September	25,844	6,834	30,307	32,678	1,049.8	88.9	500.4	737.4	1,876.2
SEASONALLY ADJUSTED									
Quarter -						(a)	(a)		
1978 June	23,180	6,040	25,818	29,490	850.1	82.2	414.4	642.8	1,580.5
September	22,190	5,550	25,232	27,630	824.1	76.3	396.9	697.3	1,599.7
December	23,144	5,439	26,439	28,466	858.9	74.2	446.4	758.9	1,679.1
1979 March	24,990	6,803	29,631	31,739	969.1	81.3	427.0	775.7	1,826.0
June	24,447	6,576	28,356	31,312	988.1	85.5	397.9	635.8	1,710.9
September	24,830	6,322	29,019	31,028	987.2	88.9	500.4	711.7	1,791.7

(a) Series shows only insignificant seasonal pattern in recent years. Figures shown are the original figures.

TABLE 2. NUMBER AND VALUE OF BUILDING COMPLETED : AUSTRALIA

Period	Number of new dwellings				Value (\$ million)				
	Houses	Other dwellings	Private	Total	New dwellings	Alterations and additions to dwellings	Other building		Total building
							Private	Total	
ORIGINAL									
1976-77	110,423	34,365	129,568	144,788	3,635.1	252.5	1,336.4	2,446.5	6,334.1
1977-78	100,117	28,819	114,337	128,936	3,595.6	285.1	1,534.4	2,603.6	6,484.3
1978-79	93,056	24,078	105,600	117,134	3,529.7	301.8	1,664.6	2,799.6	6,631.0
Quarter -									
1978 June	24,465	6,662	27,687	31,127	886.3	74.2	427.1	685.0	1,645.5
September	22,615	6,110	25,618	28,725	850.7	73.6	400.2	625.5	1,549.8
December	24,996	7,160	28,787	32,156	968.4	76.6	423.3	781.6	1,826.6
1979 March	21,187	5,183	24,138	26,370	796.4	70.4	419.0	694.4	1,561.1
June	24,258	5,625	27,057	29,883	914.2	81.2	422.1	698.1	1,693.5
September	25,017	6,600	29,011	31,617	981.4	83.0	559.2	926.6	1,991.0
SEASONALLY ADJUSTED									
Quarter -									
1978 June	23,977	6,219	27,188	30,162	868.0	75.1	423.8	678.3	1,628.0
September	22,413	6,311	25,655	28,662	845.9	72.2	407.6	637.3	1,556.1
December	23,024	6,672	26,745	29,767	893.3	70.9	390.2	737.1	1,694.6
1979 March	23,932	5,483	26,611	29,769	895.7	77.2	452.0	733.2	1,706.8
June	23,767	5,245	26,564	28,943	894.9	82.1	418.7	690.1	1,673.2
September	24,780	6,819	29,071	31,531	960.7	81.4	568.3	943.3	1,998.2

TABLE 3. VALUE OF WORK DONE : AUSTRALIA
(\$ million)

Period	New dwellings			Alterations and additions to dwellings	Other building		Total building
	Houses	Other dwellings	Total		Private	Total	
ORIGINAL							
1976-77	3,040.8	676.4	3,717.2	263.3	1,343.9	2,464.9	6,445.5
1977-78	2,925.1	609.2	3,534.3	295.2	1,489.5	2,680.4	6,509.9
1978-79	3,015.0	611.7	3,626.6	313.2	1,767.6	2,997.8	6,937.6
Quarter -							
1978 June	736.8	146.7	883.5	79.0	401.0	731.8	1,694.2
September	726.8	154.4	881.2	74.9	427.6	747.2	1,703.2
December	749.4	156.9	906.3	78.3	442.1	759.9	1,744.5
1979 March	729.8	139.3	869.0	75.9	421.8	694.6	1,639.6
June	809.0	161.1	970.1	84.1	476.1	796.1	1,850.3
September	864.3	176.5	1,040.8	86.9	510.1	860.5	1,988.2
SEASONALLY ADJUSTED							
Quarter -							
1978 June	722.8	147.6	868.8	78.4	398.0	707.5	1,655.1
September	694.6	146.4	841.1	73.8	405.3	718.7	1,634.1
December	745.2	153.8	899.1	74.6	443.4	746.3	1,719.4
1979 March	786.0	149.5	936.9	81.8	460.3	766.6	1,784.6
June	793.5	162.2	953.9	83.5	461.8	768.5	1,805.9
September	825.9	167.3	993.2	85.5	483.9	828.5	1,908.2

TABLE 4. VALUE OF WORK UNDER CONSTRUCTION AND YET TO BE DONE AT END OF PERIOD : AUSTRALIA
(\$ million)

Period	New dwellings			Alterations and additions to dwellings	Other building		Total building
	Houses	Other dwellings	Total		Private	Total	
VALUE OF WORK UNDER CONSTRUCTION AT END OF PERIOD							
1976-77	1,413.8	474.0	1,887.8	96.1	1,275.0	3,111.9	5,095.7
1977-78	1,310.0	420.1	1,730.0	112.6	1,258.1	3,220.2	5,062.8
1978-79	1,448.5	468.8	1,917.3	131.3	1,344.1	3,470.6	5,519.1
Quarter -							
1978 June	1,310.0	420.1	1,730.0	112.6	1,258.1	3,220.2	5,062.8
September	1,345.2	429.7	1,774.9	115.7	1,258.4	3,342.9	5,233.5
December	1,264.7	381.0	1,645.7	116.3	1,306.8	3,343.0	5,105.1
1979 March	1,382.0	416.7	1,798.7	127.2	1,326.5	3,432.8	5,358.7
June	1,448.5	468.8	1,917.3	131.3	1,344.1	3,470.6	5,519.1
September	1,504.8	495.9	2,000.7	137.4	1,312.9	3,317.5	5,455.6
VALUE OF WORK YET TO BE DONE AT END OF PERIOD							
1 976-77	711.5	245.0	956.4	46.5	549.3	1,492.9	2,495.8
1977-78	661.0	215.9	876.9	54.3	592.3	1,540.1	2,471.3
1978-79	744.4	244.4	988.8	63.8	590.1	1,592.8	2,645.5
Quarter -							
1978 June	661.0	215.9	876.9	54.3	592.3	1,540.1	2,471.3
September	675.3	221.6	896.9	56.9	578.2	1,546.3	2,500.0
December	644.0	188.7	832.7	55.4	607.7	1,558.4	2,446.5
1979 March	709.2	212.0	921.2	61.6	626.4	1,648.6	2,631.5
June	744.4	244.4	988.8	63.8	590.1	1,592.8	2,645.5
September	761.0	259.1	1,020.1	67.0	609.9	1,512.5	2,599.6

TABLE 5. NUMBER AND VALUE OF BUILDING, SEPTEMBER QUARTER 1979

State or Territory	Commenced		Completed		Under construction		Value of work done during period		Value of work yet to be done	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
NUMBER OF NEW DWELLINGS										
N.S.W.	9,874	10,513	8,757	9,523	19,027	22,154	..	..	..	..
Vic.	6,760	7,213	6,915	7,303	13,991	15,254	..	..	..	..
Qld	6,949	7,054	6,521	6,687	8,040	8,332	..	..	..	..
S.A.	1,705	2,071	1,778	2,166	2,753	3,676	..	..	..	..
W.A.	3,651	4,074	3,645	3,965	5,337	5,842	..	..	..	..
Tas.	721	855	705	915	1,950	3,402	..	..	..	..
N.T.	203	453	190	450	410	824	..	..	..	..
A.C.T.	444	445	530	608	1,033	1,034	..	..	..	..
Aust.	30,307	32,678	29,041	31,617	52,541	59,518	..	..	..	..
VALUE OF NEW HOUSES (\$ m)										
N.S.W.	282.7	290.8	245.7	253.0	509.8	531.5	271.0	280.8	262.2	272.2
Vic.	200.9	207.8	204.5	211.0	431.5	465.3	205.7	212.7	216.0	221.9
Qld	168.8	171.2	159.0	161.6	175.6	179.4	166.7	169.8	87.0	88.5
S.A.	51.4	57.4	50.6	56.0	82.5	95.8	51.3	57.3	43.1	49.1
W.A.	91.0	99.9	86.1	92.0	134.5	146.2	91.4	99.2	70.5	76.2
Tas.	19.8	20.8	18.3	21.7	54.2	58.4	19.1	21.6	27.4	29.5
N.T.	5.0	10.9	5.3	9.8	12.3	22.6	5.1	10.2	6.1	11.2
A.C.T.	9.5	9.5	13.1	13.1	25.6	25.7	12.7	12.7	12.4	12.4
Aust.	829.0	868.3	782.5	818.3	1,426.1	1,504.8	823.1	864.3	724.7	761.0
VALUE OF NEW DWELLINGS (\$ m)										
N.S.W.	335.2	351.7	287.6	306.6	657.2	737.9	321.5	342.8	338.8	370.3
Vic.	221.6	231.2	228.2	236.8	489.3	521.6	229.3	239.9	245.8	260.0
Qld	221.4	224.8	194.4	198.4	283.9	291.6	210.6	215.8	151.2	154.6
S.A.	56.0	65.3	58.4	67.8	98.3	122.3	57.3	66.3	53.1	63.8
W.A.	108.4	120.8	103.8	111.7	173.2	188.6	109.5	119.6	91.3	99.4
Tas.	22.9	25.9	22.1	26.5	61.9	71.8	21.8	25.9	31.8	36.7
N.T.	7.2	15.3	6.3	13.3	16.6	29.8	6.6	12.9	8.8	16.0
A.C.T.	14.8	14.8	18.1	20.2	37.1	37.1	17.6	17.7	19.1	19.2
Aust.	987.4	1,049.8	918.9	981.4	1,817.3	2,000.7	974.2	1,040.8	939.9	1,020.1
VALUE OF ALTERATIONS AND ADDITIONS TO DWELLINGS (\$ m)										
N.S.W.	41.7	41.7	35.4	35.5	65.9	65.9	39.5	39.6	31.7	31.7
Vic.	24.4	24.6	24.5	24.8	40.9	41.1	24.3	24.5	20.2	20.3
Qld	4.4	4.5	3.4	3.6	4.3	4.4	4.1	4.2	2.1	2.1
S.A.	6.0	6.0	6.0	6.1	5.5	5.7	5.9	6.1	2.7	2.8
W.A.	7.2	7.4	7.4	7.8	9.1	9.2	7.0	7.2	4.7	4.8
Tas.	1.2	1.2	1.4	1.4	2.9	2.9	1.4	1.4	1.4	1.4
N.T.	1.1	1.1	1.5	1.5	3.6	3.7	1.4	1.4	1.7	1.7
A.C.T.	2.1	2.5	2.4	2.4	4.1	4.5	2.5	2.6	1.8	2.1
Aust.	88.2	88.9	82.0	83.0	136.4	137.4	86.1	86.9	66.4	67.0
VALUE OF OTHER BUILDING (\$ m)										
N.S.W.	158.2	228.3	218.0	294.0	423.7	1,028.4	153.4	240.0	193.7	451.1
Vic.	125.0	191.8	155.0	214.4	388.0	912.3	129.9	214.2	155.2	426.0
Qld	91.8	115.5	90.2	155.7	189.5	407.4	97.2	156.1	109.9	221.0
S.A.	54.7	82.4	33.7	63.6	118.2	242.4	78.1	78.4	51.1	106.7
W.A.	41.4	59.5	41.5	79.4	127.6	295.6	54.4	93.5	62.2	134.7
Tas.	10.2	19.8	10.4	16.3	30.7	137.3	11.4	31.4	18.4	61.2
N.T.	16.0	33.3	3.0	73.5	21.3	56.8	7.3	17.2	13.9	34.1
A.C.T.	3.0	6.8	7.4	29.7	13.8	230.2	7.3	29.6	5.7	77.7
Aust.	500.4	737.4	559.2	926.6	1,312.9	3,317.5	510.1	860.5	609.9	1,512.5
TOTAL VALUE OF BUILDING (\$ m)										
N.S.W.	535.0	621.7	541.0	636.1	1,146.8	1,832.3	514.4	622.4	564.2	853.1
Vic.	371.1	447.7	407.7	476.0	918.2	1,475.0	383.5	478.6	421.2	706.3
Qld	317.6	344.7	288.0	357.8	477.8	703.5	312.0	376.1	263.1	377.8
S.A.	116.6	153.7	98.1	137.5	222.0	377.3	112.3	150.8	107.0	173.2
W.A.	157.0	187.7	152.8	198.9	309.9	493.4	171.0	220.2	158.2	239.0
Tas.	34.3	46.9	33.9	44.2	95.5	212.0	34.6	58.7	51.6	99.4
N.T.	24.3	49.7	10.8	88.2	41.5	90.3	15.2	31.5	24.4	51.9
A.C.T.	19.9	24.1	27.9	52.3	55.0	271.9	27.4	49.9	26.6	99.0
Aust.	1,576.0	1,876.2	1,560.1	1,991.0	3,266.6	5,455.6	1,570.4	1,988.2	1,616.3	2,599.6