

AUSTRALIAN BUREAU OF STATISTICS Canberra

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BUILDING OPERATIONS AUSTRALIA DECEMBER QUARTER 1977

INQUIRIES

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EXPLANATORY NOTES

This bulletin contains a summary of building operations statistics for December quarter 1977. For comparison with earlier statistics and details on definitions, reference can be made to previous issues of the quarterly bulletin *Building Statistics* (8705.0).

2. Because the statistics presented in this bulletin 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 bulletin 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. Separate statistics for new dwellings and for alterations and additions to dwellings are not available prior to July 1973. Statistics for other building and total building are not affected by this change.

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).

Related publications

5. 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) (8708.0).

Other ABS Publications

6. All 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

r - revised.
n.a. - not available.
... - nil, or less than half the unit shown.

Any discrepancies between totals and sums of components in tables are due to rounding.

R. J. CAMERON
Australian Statistician

TABLE 1. NUMBER AND VALUE OF BUILDING COMMENCED : AUSTRALIA

Period	Number of new dwellings ('000)				Value (\$ million)				
	Houses	Other dwellings	Private	Total	New dwellings	Alterations and additions to dwellings	Other building		Total building
							Private	Total	
ORIGINAL									
1974-75	86.5	31.6	99.1	118.1	2,227.3	101.8	915.4	1,834.1	4,163.1
1975-76	106.6	30.5	123.8	137.1	3,124.4	206.1	963.7	1,907.8	5,238.3
1976-77	108.8	32.9	126.4	141.7	3,665.0	266.4	1,224.0	2,253.3	6,184.6
Quarter -									
1976 September	29.0	9.3	34.3	38.3	963.6	64.8	294.7	580.9	1,609.3
December	26.9	8.1	31.6	35.1	897.3	65.3	284.0	507.8	1,470.3
1977 March	26.8	7.7	30.4	34.5	898.1	65.8	267.7	532.2	1,496.1
June	26.1	7.8	30.1	33.9	906.0	70.5	377.5	632.4	1,608.9
September	25.8	7.3	29.8	33.1	919.4	72.8	343.6	603.8	1,596.0
December	21.9	5.7	24.6	27.6	777.3	73.0	377.5	632.7	1,483.0
SEASONALLY ADJUSTED									
							(a)		
Quarter -									
1976 September	27.9	8.8	33.1	36.8	918.4	n.a.	294.7	576.4	1,578.8
December	28.9	9.0	33.6	37.7	973.1	n.a.	284.0	569.6	1,595.3
1977 March	27.3	7.7	31.0	35.0	912.8	n.a.	267.7	522.5	1,488.4
June	24.9	7.4	28.9	32.5	866.7	n.a.	377.5	585.0	1,526.2
September	24.9	6.9	28.7	31.7	876.2	n.a.	343.6	598.8	1,565.9
December	23.5	6.3	26.2	29.7	843.5	n.a.	377.5	713.5	1,612.2

(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 ('000)				Value (\$ million)				
	Houses	Other dwellings	Private	Total	New dwellings	Alterations and additions to dwellings	Other building		Total building
							Private	Total	
ORIGINAL									
1974-75	97.0	44.1	125.7	141.1	2,454.2	92.1	1,154.6	1,784.5	4,330.8
1975-76	99.9	32.1	112.3	132.0	3,208.6	169.8	1,249.6	2,266.6	5,245.0
1976-77	110.4	34.4	129.6	144.8	3,635.1	252.5	1,336.4	2,446.5	6,334.1
Quarter -									
1976 September	28.6	8.7	33.1	37.3	882.2	60.9	324.0	585.0	1,528.0
December	30.1	8.9	35.2	39.1	977.2	65.2	329.1	601.0	1,643.4
1977 March	24.5	7.6	29.2	32.1	824.8	57.3	335.3	586.1	1,468.2
June	27.2	9.1	32.1	36.4	950.9	69.2	348.1	674.5	1,694.5
September	26.9	7.5	30.3	34.4	927.4	69.4	355.5	641.2	1,638.0
December	26.8	8.4	30.8	35.2	982.7	75.2	385.1	677.3	1,735.1
SEASONALLY ADJUSTED									
Quarter -									
1976 September	28.5	8.8	33.1	37.3	878.0	n.a.	332.4	602.3	1,539.4
December	27.6	8.2	32.4	35.8	893.1	n.a.	285.0	544.8	1,489.9
1977 March	27.4	8.5	32.1	36.0	924.0	n.a.	383.5	598.1	1,581.0
June	26.9	8.8	31.9	35.7	941.8	n.a.	348.8	713.4	1,736.6
September	26.8	7.6	30.4	34.4	923.9	n.a.	365.4	660.3	1,650.5
December	24.6	7.7	28.3	32.2	897.4	n.a.	333.1	614.3	1,573.4

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							
1974-75	1,844.3	551.2	2,395.5	99.1	1,291.9	2,218.7	4,713.1
1975-76 r	2,488.6	567.1	3,055.7	190.7	1,214.3	2,348.5	5,595.0
1976-77	3,040.8	676.4	3,717.2	263.3	1,343.9	2,464.9	6,445.5
Quarter -							
1976 September	776.2	173.8	950.0	63.8	335.7	620.6	1,634.5
December	773.7	173.7	947.4	67.8	335.4	622.1	1,637.2
1977 March	718.1	153.7	871.9	62.1	312.9	564.4	1,498.3
June	772.7	175.3	948.0	69.7	359.9	657.8	1,675.5
September	788.2	168.3	956.5	72.1	375.0	668.3	1,696.8
December	731.0	153.5	884.6	76.0	366.8	675.0	1,635.5
SEASONALLY ADJUSTED							
Quarter -							
1976 September	744.3	165.8	911.8	n.a.	316.3	588.0	1,562.4
December	767.8	170.0	937.8	n.a.	333.4	612.1	1,615.5
1977 March	770.5	164.4	933.9	n.a.	340.7	609.1	1,607.8
June	759.4	175.9	934.3	n.a.	354.6	656.9	1,660.4
September	755.7	160.6	918.2	n.a.	353.4	632.8	1,622.0
December	725.3	149.9	875.0	n.a.	364.8	664.3	1,613.4

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							
1974-75	983.3	415.9	1,399.1	39.9	1,446.0	3,094.7	4,533.7
1975-76r	1,338.8	451.4	1,790.2	78.5	1,289.5	3,038.1	4,906.8
1976-77	1,413.8	474.0	1,887.8	96.1	1,275.0	3,111.9	5,095.7
Quarter -							
1976 September	1,400.5	491.0	1,891.5	84.2	1,304.7	3,127.2	5,102.9
December	1,340.7	493.3	1,834.0	84.7	1,272.3	3,102.9	5,021.6
1977 March	1,421.9	495.9	1,917.8	95.0	1,240.9	3,107.6	5,120.3
June	1,413.8	474.0	1,887.8	96.1	1,275.0	3,111.9	5,095.7
September	1,426.7	484.9	1,911.6	101.6	1,275.9	3,115.6	5,128.9
December	1,289.9	433.7	1,723.6	100.6	1,254.5	3,082.5	4,906.6
VALUE OF WORK YET TO BE DONE AT END OF PERIOD							
1974-75	530.9	227.0	757.8	19.4	684.7	1,549.0	2,326.2
1975-76r	695.6	228.6	924.2	38.3	574.9	1,421.8	2,384.2
1976-77	711.5	245.0	956.4	46.5	549.3	1,492.9	2,495.8
Quarter -							
1976 September	709.6	251.3	960.9	40.8	583.8	1,483.1	2,484.8
December	687.5	247.9	935.4	39.2	546.4	1,438.6	2,413.1
1977 March	721.3	254.8	976.2	45.0	520.5	1,467.9	2,489.1
June	711.5	245.0	956.4	46.5	549.3	1,492.9	2,495.8
September	708.9	245.2	954.1	48.9	533.0	1,471.0	2,474.0
December	645.8	224.4	870.2	47.5	539.1	1,449.0	2,366.7

TABLE 5. NUMBER AND VALUE OF BUILDING, DECEMBER QUARTER 1977

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 ('000)										
N.S.W.	6.99	8.01	8.33	9.08	13.93	17.30				
Vic.	6.45	6.95	8.26	9.18	18.62	19.84				
Qld	5.12	5.38	5.67	6.13	6.18	6.80				
S.A.	1.69	2.08	2.73	3.52	3.68	5.28				
W.A.	2.95	3.28	4.06	4.62	6.11	6.62				
Tas.	0.66	0.85	0.90	1.15	1.97	2.41				
N.T.	0.18	0.38	0.18	0.45	0.75	0.94				
A.C.T.	0.55	0.56	0.65	1.05	1.08	1.39				
Aust.	24.58	27.58	30.77	35.19	52.11	60.59				
VALUE OF NEW HOUSES (\$ m)										
N.S.W.	173.8	181.2	188.9	197.0	290.3	308.3	182.6	189.3	151.4	161.3
Vic.	175.6	183.9	213.8	229.2	464.4	485.7	206.5	209.5	230.8	238.7
Qld	110.7	115.9	125.6	135.6	123.6	137.2	119.3	127.0	61.9	66.6
S.A.	46.1	51.9	67.7	75.4	91.1	117.5	55.4	66.0	46.6	56.8
W.A.	67.2	73.2	94.1	103.7	128.2	136.3	83.2	90.7	64.5	68.8
Tas.	16.5	18.5	20.9	24.6	39.6	43.7	18.3	21.1	20.2	22.1
N.T.	6.5	12.6	5.8	12.0	17.8	30.0	6.3	10.8	8.6	15.7
A.C.T.	13.2	13.4	16.9	22.2	28.7	31.2	14.6	16.5	15.0	15.8
Aust.	609.7	650.6	733.7	799.8	1,183.7	1,289.9	680.1	731.0	599.0	645.8
VALUE OF NEW DWELLINGS (\$ m)										
N.S.W.	195.9	221.4	230.5	245.7	388.8	463.2	216.0	233.7	205.4	247.7
Vic.	200.2	212.3	254.7	273.2	562.2	589.2	232.4	244.5	279.4	289.5
Qld	131.3	137.6	149.1	159.9	171.6	186.8	143.6	151.8	85.3	91.0
S.A.	50.5	60.0	80.2	98.0	115.3	153.1	65.0	80.7	58.7	73.8
W.A.	83.4	92.7	115.7	128.7	177.5	189.2	103.8	114.0	87.7	94.0
Tas.	18.9	22.4	25.5	30.3	53.4	62.6	22.8	27.0	26.8	31.2
N.T.	7.3	13.4	6.8	15.0	21.0	34.0	7.1	12.3	10.4	18.1
A.C.T.	17.2	17.4	21.4	31.8	37.5	45.5	17.8	20.6	19.9	24.9
Aust.	704.8	777.3	883.9	982.7	1,527.3	1,723.6	808.6	884.6	773.7	870.2
VALUE OF ALTERATIONS AND ADDITIONS TO DWELLINGS (\$ m)										
N.S.W.	27.1	27.2	27.5	27.5	32.8	32.8	28.3	28.3	15.1	15.1
Vic.	23.0	23.2	24.4	24.5	38.5	38.5	24.7	24.8	18.3	18.3
Qld	3.9	3.9	4.2	4.2	1.4	1.4	4.1	4.1	0.6	0.6
S.A.	4.0	4.1	5.0	5.1	5.0	5.1	4.8	4.8	2.3	2.3
W.A.	4.3	4.4	4.9	4.9	5.0	5.2	4.3	4.4	2.7	2.8
Tas.	1.3	1.3	0.9	0.9	1.6	1.6	1.1	1.1	0.7	0.7
N.T.	5.0	6.5	3.7	5.5	11.6	13.1	4.4	5.8	5.7	6.3
A.C.T.	2.4	2.4	2.5	2.5	3.0	3.0	2.6	2.6	1.3	1.3
Aust.	71.1	73.0	73.1	75.2	98.8	100.6	74.3	76.0	46.6	47.5
VALUE OF OTHER BUILDING (\$ m)										
N.S.W.	100.0	144.8	118.9	175.4	413.1	932.8	101.0	174.6	161.5	423.1
Vic.	125.2	184.1	86.9	154.3	445.1	823.0	114.0	179.6	189.5	390.6
Qld	41.6	93.9	95.6	164.2	119.5	392.6	62.0	112.7	42.7	169.3
S.A.	29.3	54.9	30.0	58.9	78.3	197.4	29.5	57.2	44.1	99.2
W.A.	49.6	81.2	29.3	58.5	106.5	269.5	33.8	64.9	62.1	141.4
Tas.	11.5	20.0	7.1	17.8	22.1	84.4	10.0	23.8	10.8	45.9
N.T.	11.6	26.8	5.7	28.5	22.1	110.0	5.4	23.6	12.4	52.6
A.C.T.	8.8	27.1	11.6	19.8	47.8	272.8	11.0	38.6	15.9	127.0
Aust.	377.5	632.7	385.1	677.3	1,254.5	3,082.5	366.8	675.0	539.1	1,449.0
TOTAL VALUE OF BUILDING (\$ m)										
N.S.W.	323.0	393.4	376.9	448.6	834.7	1,428.8	345.2	436.7	382.0	685.9
Vic.	348.5	419.6	365.9	451.9	1,045.8	1,450.7	371.1	448.9	487.3	698.4
Qld	176.7	235.5	248.8	328.3	292.5	580.7	209.8	268.7	128.6	260.8
S.A.	83.9	119.0	115.2	162.0	198.6	355.6	99.3	142.8	105.2	175.3
W.A.	137.3	178.3	150.0	192.1	289.0	463.9	141.9	183.2	152.5	238.2
Tas.	31.7	43.7	33.5	49.1	77.1	148.6	34.0	51.9	38.3	77.8
N.T.	23.8	46.7	16.2	49.0	54.6	157.1	16.9	41.7	28.4	77.0
A.C.T.	28.4	46.9	35.6	54.2	88.3	321.3	31.4	61.7	37.1	153.2
Aust.	1,153.4	1,483.0	1,342.0	1,735.1	2,880.6	4,906.6	1,249.7	1,635.5	1,359.4	2,366.7