

AUSTRALIAN BUREAU OF STATISTICS Canberra

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BUILDING OPERATIONS, AUSTRALIA JUNE QUARTER 1980

INQUIRIES

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Introduction

This publication contains a summary of building operations statistics for June quarter 1980. 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 buildings) 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 statistics 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, Australia* (11308.0).

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) — issued monthly

Building Statistics, Australia: Number of New Dwellings (Preliminary Estimates) (8703.0) — issued quarterly

Building Statistics (8705.0) — issued quarterly
Construction (Other Than Building) Operations: Australia (8708.0) — issued quarterly

Building and Construction Statistics Index, 1978 (1104.0).

8. 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

TABLE 2: NUMBER AND VALUE OF BUILDINGS COMPLETED									
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									
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
1979-80	101 302	31 783	122 518	133 085	4 425 0	396 7	2 199 7	3 145 9	7 967 5
Quarter—									
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
December	24 276	7 727	29 700	32 003	1 041 0	97 5	418 0	608 4	1 746 8
1980 March	25 397	8 937	31 502	34 334	1 153 9	98 8	674 6	962 8	2 215 4
June	25 785	8 285	31 009	34 070	1 180 3	111 5	606 7	837 3	2 129 1
SEASONALLY ADJUSTED									
Quarter—						(a)	(a)		
1979 March	24 628	6 678	29 375	31 268	958 9	81 3	427 0	766 3	1 806 5
June	24 802	6 439	28 663	31 417	983 5	85 5	397 9	652 9	1 724 4
September	24 651	6 427	28 892	31 212	994 4	88 9	500 4	716 1	1 799 4
December	25 781	8 226	31 334	34 188	1 118 1	97 5	418 0	642 2	1 850 8
1980 March	25 773	9 300	32 349	34 870	1 180 5	98 8	674 6	1 007 2	2 286 2
June	25 060	7 735	30 128	33 016	1 140 0	111 5	606 7	785 3	2 039 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									
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	2,399.6	6,631.0
1979-80	100,058	29,211	119,094	129,269	4,174.8	362.5	2,033.2	3,341.9	7,879.2
Quarter—									
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	29,041	31,617	981.4	83.0	559.2	926.6	1,991.0
December	27,175	7,700	31,935	34,875	1,122.2	92.4	570.7	926.8	2,141.4
1980 March	22,691	6,991	27,465	29,682	968.6	84.7	435.4	699.4	1,752.8
June	25,175	7,920	30,653	33,095	1,102.6	102.4	467.9	789.1	1,994.0
SEASONALLY ADJUSTED									
Quarter—									
1979 March	23,777	5,894	26,574	29,575	892.4	77.2	436.0	734.1	1,709.3
June	23,867	5,334	26,730	29,186	899.1	80.0	424.7	687.5	1,670.4
September	24,512	6,886	28,822	31,364	977.6	81.8	551.3	947.9	1,997.1
December	25,369	6,952	29,803	32,420	1,033.0	87.4	555.5	875.3	1,993.4
1980 March	25,449	7,952	30,232	33,269	1,085.0	91.0	452.0	740.3	1,920.8
June	24,773	7,510	30,284	33,231	1,084.5	100.7	470.8	775.1	1,963.3

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							
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
1979-80	3,497.2	828.0	4,325.2	384.7	1,996.9	3,293.7	8,003.7
Quarter—							
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
December	886.7	206.5	1,093.2	94.7	495.6	822.9	2,010.9
1980 March	831.8	215.5	1,047.3	93.5	454.3	757.1	1,897.8
June	914.4	229.5	1,143.9	109.6	536.9	853.2	2,106.8
SEASONALLY ADJUSTED							
Quarter—							
1979 March	781.0	151.5	933.5	81.0	457.5	765.7	1,776.6
June	797.2	160.9	955.4	83.4	464.8	770.7	1,808.7
September	824.9	167.3	992.7	85.5	487.0	826.4	1,910.8
December	884.7	201.7	1,088.2	91.4	492.7	808.0	1,985.1
1980 March	889.9	234.4	1,125.0	99.7	492.4	835.1	2,056.6
June	901.0	229.1	1,126.3	108.5	524.3	825.4	2,058.6

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							
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
1979-80	1,616.0	614.8	2,230.7	169.5	1,546.7	3,413.7	5,813.9
Quarter—							
1979 March	1,382.0	416.7	1,798.7	127.2	1,326.5	3,432.8	5,358.7
June	1,445.5	460.8	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
December	1,415.2	524.8	1,940.0	142.7	1,178.1	3,060.7	5,143.4
1980 March	1,544.9	592.3	2,137.2	159.2	1,423.7	3,372.6	5,669.0
June	1,616.0	614.8	2,230.7	169.5	1,546.7	3,413.7	5,813.9
VALUE OF WORK YET TO BE DONE AT END OF PERIOD							
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
1979-80	840.4	332.0	1,172.4	82.8	840.2	1,620.4	2,875.6
Quarter—							
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	2,596.6
December	714.8	279.8	994.6	70.5	557.3	1,370.9	2,436.0
1980 March	797.6	319.2	1,116.9	79.0	786.2	1,627.9	2,823.8
June	840.4	332.0	1,172.4	82.8	840.2	1,620.4	2,875.6

TABLE 5. NUMBER AND VALUE OF BUILDING, JUNE QUARTER 1980

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.	10,249	11,370	10,252	11,244	21,918	25,465	..	..	..	..
Vic.	6,222	6,603	6,249	6,607	13,204	14,064	..	..	..	..
Qld.	8,416	8,606	7,936	8,196	8,594	8,955	..	..	..	..
S.A.	1,459	1,980	1,688	1,983	2,186	3,512	..	..	..	..
W.A.	3,519	3,972	3,308	3,526	4,991	5,506	..	..	..	..
Tas.	470	711	588	823	1,597	2,051	..	..	..	..
N.T.	131	282	171	255	471	1,021	..	..	..	..
A.C.T.	543	546	461	461	815	818	..	..	..	..
Aust.	31,009	34,070	30,653	33,095	53,776	61,392	..	..	..	..
VALUE OF NEW HOUSES (\$ m)										
N.S.W.	326.8	342.3	292.8	303.6	616.0	654.4	311.8	323.8	320.5	343.8
Vic.	195.7	202.3	189.8	194.8	435.1	447.1	193.4	198.2	223.4	229.6
Qld.	203.1	205.9	195.9	200.1	186.1	188.6	200.6	203.7	94.5	95.5
S.A.	47.9	58.9	51.7	57.2	69.3	93.9	49.1	58.4	36.8	47.8
W.A.	93.5	87.7	84.7	88.1	128.7	135.3	85.9	90.1	70.8	73.5
Tas.	13.7	10.8	16.8	20.0	44.7	49.1	16.0	18.9	21.8	24.2
N.T.	4.1	8.7	4.4	7.1	17.7	31.4	5.4	9.8	11.0	18.2
A.C.T.	10.8	10.9	12.2	12.2	16.0	16.1	11.5	11.6	7.6	7.6
Aust.	895.6	944.5	848.4	883.2	1,513.6	1,616.0	873.7	914.4	786.5	840.4
VALUE OF NEW DWELLINGS (\$ m)										
N.S.W.	392.7	423.1	365.8	392.4	845.3	937.3	391.7	413.3	443.8	497.7
Vic.	221.4	230.5	219.1	227.0	488.7	513.3	218.3	225.3	250.9	262.1
Qld.	274.6	280.0	250.5	257.3	334.1	342.6	262.3	268.1	176.7	181.2
S.A.	52.7	67.2	58.6	66.5	82.0	117.7	55.4	67.5	43.4	59.3
W.A.	114.7	125.8	104.4	110.1	171.6	184.5	108.2	116.0	94.1	100.6
Tas.	15.4	21.2	19.3	24.8	51.2	62.3	18.1	23.5	24.8	31.7
N.T.	5.3	10.4	6.2	8.9	21.6	38.4	7.2	12.3	13.0	21.3
A.C.T.	22.1	22.2	15.6	15.6	34.6	34.7	17.9	17.9	18.3	18.3
Aust.	1,098.9	1,180.3	1,039.5	1,102.6	2,029.1	2,230.7	1,079.1	1,143.9	1,065.0	1,172.4
VALUE OF ALTERATIONS AND ADDITIONS TO DWELLINGS (\$ m)										
N.S.W.	57.9	58.2	52.6	52.6	92.3	92.7	57.4	57.5	45.0	45.2
Vic.	27.7	27.7	23.3	23.3	47.5	47.9	25.7	25.8	23.6	23.7
Qld.	6.6	6.7	6.3	6.3	5.1	5.4	6.6	6.7	2.5	2.6
S.A.	6.9	6.9	6.0	6.1	6.2	6.2	6.6	6.7	3.0	3.0
W.A.	7.7	7.7	8.1	8.2	8.7	8.7	8.1	8.1	4.2	4.2
Tas.	1.1	1.1	1.6	1.6	2.7	2.7	1.4	1.4	1.3	1.3
N.T.	0.6	0.6	1.0	1.1	2.2	2.2	0.8	0.8	1.1	1.1
A.C.T.	2.5	2.5	2.9	3.2	3.5	3.5	2.5	2.6	1.7	1.7
Aust.	111.0	111.5	101.7	102.4	168.3	169.5	109.0	109.6	82.4	82.8
VALUE OF OTHER BUILDING (\$ m)										
N.S.W.	211.0	266.9	148.0	194.0	479.8	1,017.1	177.9	265.6	251.9	480.4
Vic.	163.0	218.5	150.8	225.9	426.7	967.8	136.3	214.0	200.3	457.2
Qld.	113.5	172.3	77.6	140.9	356.9	571.6	99.4	152.0	251.0	354.8
S.A.	30.3	56.6	31.5	55.5	75.8	165.0	37.5	59.6	32.4	74.7
W.A.	66.1	86.4	39.5	64.5	137.2	333.3	56.6	92.9	70.4	139.5
Tas.	15.5	22.4	12.1	40.0	37.7	114.4	16.4	30.4	18.3	49.7
N.T.	3.2	7.2	7.1	14.5	21.3	47.0	9.4	16.8	10.4	24.5
A.C.T.	4.0	6.0	1.4	53.8	11.3	167.5	3.4	22.0	5.6	39.4
Aust.	606.7	837.3	467.9	789.1	1,546.7	3,413.7	536.9	853.2	840.2	1,620.4
TOTAL VALUE OF BUILDING (\$ m)										
N.S.W.	661.6	748.1	566.3	639.0	1,417.4	2,047.1	626.9	736.5	740.7	1,023.4
Vic.	412.2	477.8	393.2	476.2	962.8	1,558.9	380.3	465.2	474.7	743.0
Qld.	394.7	458.9	334.4	404.5	696.2	919.6	368.4	426.8	430.2	536.6
S.A.	89.8	130.7	96.1	128.1	164.0	285.9	99.5	133.7	78.8	137.1
W.A.	188.5	219.4	152.0	182.8	317.5	526.5	177.9	217.0	168.7	244.3
Tas.	32.0	44.7	32.9	66.4	91.6	176.5	35.9	55.2	44.4	83.8
N.T.	9.1	18.2	14.3	24.5	45.2	87.6	17.3	29.9	24.5	46.9
A.C.T.	28.7	30.7	19.8	72.6	49.5	205.8	23.8	42.5	25.6	59.5
Aust.	1,816.6	2,129.1	1,609.1	1,994.0	3,744.1	5,813.9	1,725.0	2,106.8	1,987.6	2,875.6

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