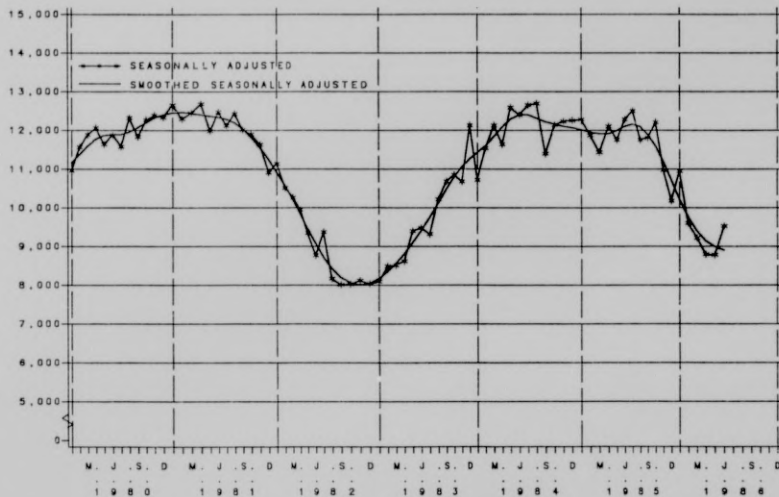


**BUILDING APPROVALS, AUSTRALIA, JUNE 1986**

- PHONE INQUIRIES**
- *about these statistics*—contact Garry Whittaker on Canberra (062) 52 6067 or any ABS State office.
 - *about other statistics and ABS services*— contact **Information Services** on Canberra (062) 52 6627 or any ABS State office.
- MAIL INQUIRIES**
- *write to Information Services*, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any ABS State office.
- ON VIATEL**
- key *656# for selected economic, social and demographic statistics on *VIATEL*.

MAIN FEATURES**PRIVATE SECTOR DWELLING UNITS APPROVED, AUSTRALIA
SEASONALLY ADJUSTED SERIES***Residential building*

Seasonally adjusted private sector dwelling units approved in June 1986 at 9,519 increased by about 8 per cent over May 1986. In original terms, total private sector dwelling unit approvals for 1985-86 are 126,017 compared with 144,645 for 1984-85. This represents a decrease of about 13 per cent.

Non-residential building

The value of non-residential building approvals for June 1986 at \$1.196m increased by over 70 per cent compared with May 1986. This figure is the result of a few large projects in the "offices" and "hotels" categories. The value of non-residential building approvals in 1985-86 at \$8,502m represents an increase of about 28 per cent over 1984-85.

EXPLANATORY NOTES

NOTE: the formats of the tables in this publication have been changed. However the statistical content of the publication has not been affected.

Scope and coverage

This publication contains monthly details of building work approved. Statistics of building work approved are compiled from:

- (a) Permits issued by local government authorities in areas subject to building control by those authorities; and
- (b) Contracts let or day labour work authorised by Commonwealth, State, semi-government and local government authorities.

Major building activity which takes place in areas not subject to the normal administrative approval processes (e.g. buildings on remote mine sites) is also included.

2. 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.

3. In relation to work carried out on existing buildings, the statistics include details of non-structural renovation and refurbishment work and the installation of integral building fixtures, for which building approval was obtained.

4. The statistics cover all approved new residential buildings irrespective of value and all non-residential building projects valued at \$10,000 or more. However, some details of projects valued from \$2,000 to \$9,999 are shown in a footnote to Table 2.

Definitions

5. 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.

6. A *dwelling unit* is defined as a self-contained suite of rooms, including cooking and bathing facilities and 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 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 approved.

7. 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* as follows:

- (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. includes townhouses, duplexes, apartment buildings etc.).

8. 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.

9. *Values* are derived from approval documents and represent the estimated value, when completed, of building work (excluding the value of land and landscaping). Site preparation costs are included.

Building classification

10. *Ownership*. 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.

11. *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, 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.

General

12. For purposes of comparison, it should be noted that statistics of building approvals are affected from month to month by large projects (such as blocks of flats and multi storey office buildings) approved in particular months and also by the administrative arrangements of government authorities.

Seasonal adjustment

13. Seasonally adjusted building statistics are shown in Table 3. In these series, account has been taken of normal

seasonal factors and 'trading day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month) and the effect of movement in the date 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* (1308.0).

14. 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.

15. Seasonal adjustment may be carried out by various methods and the results may vary slightly according to the procedure adopted. Accordingly, seasonally adjusted statistics should not be regarded as in any way definitive. In interpreting particular seasonally adjusted statistics it is important to bear in mind the methods by which they have been derived and the limitations to which the methods used are subject.

16. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series may be more clearly recognised. Seasonal adjustment procedures do not aim to remove the irregular or non-seasonal influences which may be present in any particular month, such as the effect of the approval of large projects or as a consequence of the administrative arrangements of approving authorities. Irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

17. The seasonally adjusted series can, however, be smoothed to reduce the impact of the irregular component in the adjusted series. There are a number of ways of accomplishing this, depending on the intended uses of the smoothed series. If importance is attached to measuring the underlying change in the most recent periods, moving averages employing appropriate weighting patterns should be adopted; the choice of averaging technique will determine in part the degree of smoothness of the derived series. For example, a 23-term moving average will generally even out more of the short term fluctuation in a series (and therefore appear 'smoother') than will a 13-term moving average. However, the longer the term of the moving average the longer the time series affected by revisions resulting from more recent data. In order to ensure that the underlying trend-cycle of a series is reflected in the smoothed seasonally adjusted series, the degree of smoothness alone cannot always be used as the sole criterion in determining which moving average is appropriate.

18. Smoothed seasonally adjusted building statistics are shown in Table 4. The smoothed seasonally adjusted estimates (often referred to as trend-cycle estimates) have been derived by applying a 13-term Henderson-weighted moving average to the series.

19. While this technique enables smoothed data for the latest period to be produced, it does result in revisions to the smoothed series for the most recent months as additional observations become available. There may also be revisions as a result of changes in the original data, and as a result of the re-estimation of the seasonal factors. Details of other trend-cycle weighting patterns can be found in Appendix D of *Seasonally Adjusted Indicators, Australia 1983* (1308.0).

Unpublished data and related publications

20. The ABS can also 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: microfiche, photocopy, computer printout and clerically extracted tabulation. A charge may be made for providing unpublished information in these forms.

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

Building Activity, Australia: Dwelling Unit Commencements, Preliminary (8750.0)—issued quarterly

Building Activity, Australia, Summary (8751.0)—issued quarterly

Building Activity, Australia (8752.0)—issued quarterly (\$1.20, \$2.10 incl. postage)

Construction (Other Than Building) Activity, Australia (8761.0)—issued quarterly

22. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS Office.

New ABS Service: AUSSTATS

23. A wide range of economic, social and demographic statistics is now available on AUSSTATS, ABS' new on-line service through CSIRONET.

24. For further information phone the AUSSTATS Help Desk on (062) 526017.

Symbols and other usages

- .. not applicable.
- nil or rounded to zero.
- r figure or series revised since previous issue.
- n.a. not available

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

W. McLENNAN
Acting Australian Statistician

TABLE 1. NUMBER OF DWELLING UNITS APPROVED IN NEW RESIDENTIAL BUILDINGS: AUSTRALIA

Period	Private sector			Public sector			Total		
	Houses	Other residential buildings	Total	Houses	Other residential buildings	Total	Houses	Other residential buildings	Total
1983-84	109,225	25,663	134,888	8,927	6,932	15,859	118,152	32,595	150,747
1984-85	113,519	31,126	144,645	9,000	6,814	15,814	122,519	37,940	160,459
1985-86	101,010	25,007	126,017	7,309	7,329	14,638	108,319	32,336	140,655
1985									
April	9,076	2,651	11,727	1,148	548	1,696	10,224	3,199	13,423
May	10,397	2,565	12,962	1,144	523	1,667	11,541	3,088	14,629
June	9,295	2,777	12,072	731	466	1,197	10,026	3,243	13,269
July	10,423	2,579	13,002	542	272	814	10,965	2,851	13,816
August	9,793	2,612	12,405	900	776	1,676	10,693	3,388	14,081
September	9,359	2,498	11,857	510	469	979	9,869	2,967	12,836
October	10,544	2,876	13,420	674	718	1,392	11,218	3,594	14,812
November	8,972	2,089	11,061	427	1,205	1,632	9,399	3,294	12,693
December	7,470	1,824	9,294	627	904	1,531	8,097	2,728	10,825
1986									
January	7,164	1,736	8,900	737	385	1,122	7,901	2,121	10,022
February	7,459	1,607	9,066	457	437	894	7,916	2,044	9,960
March	6,718	1,993	8,711	463	350	813	7,181	2,343	9,524
April	7,667	1,694	9,361	574	402	976	8,241	2,096	10,337
May	7,850	1,553	9,403	561	495	1,056	8,411	2,048	10,459
June	7,591	1,946	9,537	837	916	1,753	8,428	2,862	11,290

NOTE: The number of self-contained dwelling units approved 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. 91 such dwelling units were approved in June 1986.

TABLE 2. VALUE OF BUILDING APPROVED : AUSTRALIA
(\$ million)

Period	New residential building						Alterations and additions to residential buildings			Non-residential building (a)		Total building		
	Houses			Other residential buildings										
	Private sector	Public sector	Total	Private sector	Public sector	Total	Private sector	Public sector	Total	Private sector	Total	Private sector	Total	
1983-84	4,942.2	317.3	5,259.5	943.4	238.4	1,181.9	5,885.7	555.7	6,441.4	753.8	3,031.4	4,796.0	9,657.0	11,991.2
1984-85	5,671.0	356.4	6,027.4	1,205.0	282.0	1,486.9	6,875.9	638.4	7,514.3	891.7	4,756.4	6,665.8	12,509.9	15,071.9
1985-86	5,637.5	329.9	5,967.4	1,007.7	336.4	1,344.1	6,645.2	666.3	7,311.5	1,015.8	5,440.7	8,502.3	13,081.0	16,829.6
1985														
April	466.4	44.9	511.3	99.1	27.4	126.5	565.5	72.3	637.8	75.4	440.9	567.7	1,080.8	1,281.0
May	542.0	48.6	590.6	100.3	21.3	121.6	642.3	70.0	712.2	89.5	451.6	701.6	1,182.8	1,503.3
June	486.0	31.0	517.0	106.2	22.3	128.5	592.1	53.3	645.5	75.2	564.1	703.1	1,230.6	1,423.8
July	559.6	22.2	581.8	99.3	10.0	109.3	658.9	32.3	691.1	89.4	435.7	597.0	1,183.5	1,377.5
August	528.0	40.6	568.6	96.4	35.7	132.2	624.4	76.3	700.7	86.1	482.7	836.7	1,189.9	1,623.4
September	507.0	21.9	528.9	97.9	20.8	118.7	604.9	42.7	647.6	86.4	525.2	728.7	1,214.9	1,462.7
October	571.2	32.2	603.5	113.7	33.5	147.2	685.0	65.7	750.7	102.4	468.2	652.1	1,254.9	1,505.2
November	502.0	19.0	521.1	81.6	57.0	138.7	583.7	76.1	659.7	89.9	626.4	802.5	1,299.6	1,552.1
December	422.6	27.7	450.3	75.1	45.8	120.9	497.7	73.5	571.2	76.3	349.3	614.1	920.1	1,261.5
1986														
January	398.8	31.9	430.7	69.7	15.2	84.9	468.5	47.1	515.7	74.7	375.7	614.4	915.2	1,204.7
February	428.1	19.7	447.8	68.3	19.0	87.3	496.4	38.8	535.1	74.4	359.7	477.3	928.5	1,086.9
March	383.2	22.2	405.5	86.8	13.8	100.6	470.1	36.0	506.0	74.0	329.7	477.7	872.9	1,057.8
April	435.6	24.7	460.3	68.7	19.0	87.7	504.2	43.7	547.9	90.2	495.0	804.7	1,087.0	1,442.9
May	461.7	27.2	488.9	64.3	20.2	84.4	526.0	47.4	573.4	90.9	424.9	700.9	1,040.6	1,365.2
June	439.7	40.4	480.1	85.8	46.3	132.1	525.5	86.7	612.2	81.1	568.2	1,196.3	1,174.0	1,889.6

NOTE: The value of alterations and additions to residential buildings, valued from \$2,000 to \$9,999 approved in June 1986 was \$28.6m. The value of non-residential building (new, plus alterations and additions) valued from \$2,000 to \$9,999 approved in June 1986 was \$7.1m.

TABLE 3. DETAILS OF BUILDING APPROVED, AUSTRALIA
SEASONALLY ADJUSTED SERIES

Period	Number of dwelling units				Value(\$m)			
	Houses		Total		New residential building	Alterations and additions to residential buildings	Non- residential building	Total building
	Private sector	Total	Private sector	Total				
1985								
April	9,280	10,211	12,107	13,444	641.5	78.1	624.4	1,344.0
May	9,257	10,125	11,751	13,161	632.0	84.1	596.9	1,313.0
June	9,393	10,174	12,287	13,362	636.2	74.6	703.9	1,414.7
July	9,812	10,232	12,501	13,262	654.9	85.5	526.9	1,267.3
August	9,187	10,452	11,757	13,539	668.9	79.3	815.7	1,564.0
September	9,128	9,617	11,808	13,106	665.6	83.1	718.3	1,466.9
October	9,645	10,458	12,200	13,399	684.0	84.3	640.5	1,408.8
November	8,871	9,319	10,980	12,332	646.0	87.5	816.4	1,550.0
December	8,238	8,873	10,184	11,763	611.4	85.6	587.3	1,284.3
1986								
January	8,976	9,691	10,943	12,415	651.9	99.3	756.4	1,507.6
February	8,197	8,703	9,599	10,899	601.2	85.1	532.5	1,218.8
March	7,130	7,601	9,219	10,072	536.4	77.4	544.6	1,158.3
April	7,272	7,568	8,792	9,411	501.7	87.8	785.4	1,374.9
May	7,160	7,684	8,781	9,613	519.6	83.7	634.8	1,238.1
June	7,493	8,244	9,519	11,260	597.2	84.5	1,103.2	1,784.9

TABLE 4. DETAILS OF BUILDING APPROVED, AUSTRALIA
SMOOTHED SEASONALLY ADJUSTED SERIES (a)
(TREND-CYCLE ESTIMATES)

Period	Number of dwelling units				Value(\$m)			
	Houses		Total		New residential building	Alterations and additions to residential buildings	Non- residential building	Total building
	Private sector	Total	Private sector	Total				
1985								
April	9,356	10,167	11,918	13,319	636.2	79.0	610.9	1,326.0
May	9,353	10,188	11,993	13,302	637.9	79.6	627.2	1,344.7
June	9,392	10,223	12,104	13,346	645.3	80.3	651.0	1,376.6
July	9,424	10,220	12,154	13,369	654.5	80.8	672.4	1,407.7
August	9,411	10,165	12,091	13,333	662.2	81.7	693.2	1,437.2
September	9,334	10,050	11,897	13,211	666.3	83.4	711.7	1,461.4
October	9,194	9,884	11,593	12,989	664.9	85.5	714.4	1,464.8
November	8,987	9,641	11,200	12,640	656.1	87.3	699.4	1,442.8
December	8,697	9,300	10,718	12,113	636.5	88.3	666.3	1,391.1
1986								
January	8,355	8,905	10,221	11,501	610.1	88.1	636.6	1,334.8
February	8,000	8,519	9,766	10,926	583.5	87.2	631.8	1,302.5
March	7,681	8,182	9,407	10,472	561.5	85.8	658.4	1,305.7
April	7,429	7,927	9,151	10,167	546.0	84.6	n.a.	n.a.
May	7,248	7,766	8,987	10,010	537.4	83.8	n.a.	n.a.
June	7,132	7,668	8,902	9,968	534.8	83.2	n.a.	n.a.

(a) Seasonally adjusted series smoothed by application of a 13-term Henderson moving average - see explanatory notes for a more detailed explanation.

NOTE: Because of the highly erratic nature of the Non-residential Building Approvals series it is not possible to discern with reasonable confidence the current direction of the trend cycle at the end of the series. Therefore the ABS does not provide the last three current smoothed Non-residential Building Approvals estimates in the above table.

TABLE 5. DETAILS OF BUILDING APPROVED, JUNE 1986

State	New residential building										Value(\$m)									
	Houses		Other residential buildings		Total		Alterations and additions to residential buildings	Hotels, etc.	Non-residential building											
	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)	Number of dwelling units	Value (\$m)			Shops	Factories	Offices	Other business premises	Educational	Religious	Health	Entertainment and recreational	Miscellaneous	Total	Total building	
PRIVATE SECTOR																				
N.S.W.	2,157	131.7	894	45.7	3,051	177.4	36.1	3.6	15.0	42.4	26.8	14.6	3.2	2.2	5.4	4.5	5.0	122.8	336.4	
Vic.	2,276	142.2	325	13.8	2,601	156.0	25.7	1.5	15.0	13.6	78.8	8.2	6.3	2.6	2.0	1.7	1.1	130.8	312.6	
Qld	1,289	67.0	266	8.9	1,555	75.9	5.6	29.6	13.9	10.6	4.1	15.2	2.9	1.2	.6	.8	2.4	81.4	163.0	
S.A.	397	22.4	123	5.8	520	28.2	5.3	1.0	11.0	2.6	20.1	3.1	.7	-	.7	.5	1.4	41.0	74.5	
W.A.	1,032	52.4	249	8.0	1,281	60.4	4.3	2.2	7.7	2.9	4.0	5.1	3.6	.2	.5	1.6	.6	28.4	93.1	
Tas.	162	8.6	66	2.5	228	11.1	1.2	.1	2.1	.7	.2	1.3	.2	-	-	1.8	.5	7.1	19.4	
N.T.	86	4.6	-	-	86	4.6	.5	.5	.2	.0	-	1.3	-	-	-	.1	-	2.1	7.2	
A.C.T.	192	10.8	23	1.0	215	11.8	1.4	150.4	.7	-	2.7	.8	-	-	-	-	-	154.6	167.8	
Australia	7,591	439.7	1,946	85.8	9,537	525.5	80.3	188.8	65.7	72.9	136.7	49.5	16.9	6.3	9.3	11.1	11.0	568.2	1,174.0	
PUBLIC SECTOR																				
N.S.W.	135	5.5	199	13.8	334	19.3	.1	-	.5	2.6	6.3	6.3	32.8	-	5.3	1.3	3.1	58.3	77.8	
Vic.	165	8.4	122	5.5	287	13.9	.3	.2	2.0	4.1	403.9	4.1	10.3	-	4.5	1.3	6.9	437.3	451.5	
Qld	49	2.9	30	1.1	79	4.0	-	-	.3	.3	16.2	2.7	11.0	-	5.3	1.5	7.5	44.9	48.9	
S.A.	306	13.7	245	9.5	551	23.2	.1	.6	-	-	2.2	2.2	.4	-	1.9	.4	1.4	9.2	32.5	
W.A.	76	5.0	40	1.7	116	6.7	.1	-	.1	-	5.1	1.3	7.3	-	1.8	1.0	1.2	17.9	24.7	
Tas.	61	2.3	81	3.3	142	5.6	.1	-	-	-	1.0	-	4.4	-	.1	-	.1	5.6	11.3	
N.T.	41	2.2	87	4.5	128	6.8	-	-	-	1.0	2.0	.8	-	-	-	.2	14.2	18.2	24.9	
A.C.T.	4	.3	112	6.9	116	7.2	.1	-	-	.2	14.2	8.8	6.6	-	3.3	.9	2.7	36.7	44.0	
Australia	837	40.4	916	46.3	1,753	86.7	.8	.9	2.9	8.3	451.0	26.2	72.8	-	22.2	6.7	37.1	628.1	715.6	
TOTAL																				
N.S.W.	2,292	137.2	1,093	59.6	3,385	196.8	36.2	3.6	15.5	45.0	33.1	20.9	36.0	2.2	10.7	5.8	8.1	181.1	414.2	
Vic.	2,441	150.6	447	19.3	2,888	169.9	26.0	1.7	17.0	17.8	482.7	12.3	16.7	2.6	6.5	3.0	8.0	568.1	764.1	
Qld	1,338	69.9	296	10.0	1,634	79.9	5.6	29.6	14.3	10.9	20.3	17.8	13.9	1.2	6.0	2.3	9.9	126.3	211.8	
S.A.	703	36.1	368	15.3	1,071	51.4	5.4	1.6	11.0	2.6	22.3	5.3	1.0	-	2.6	1.0	2.8	50.2	107.1	
W.A.	1,108	57.4	289	9.7	1,397	67.1	4.4	2.2	7.8	2.9	9.1	6.5	10.8	.2	2.3	2.7	1.8	46.2	117.8	
Tas.	223	11.0	147	5.8	370	16.8	1.3	.1	2.1	.7	1.2	1.3	4.6	-	.1	1.8	.6	12.6	30.7	
N.T.	127	6.8	87	4.5	214	11.3	.5	.5	.2	1.0	2.0	2.1	-	-	-	.2	14.2	20.3	32.1	
A.C.T.	196	11.0	135	7.9	331	19.0	1.5	150.4	.7	.2	16.8	9.6	6.6	-	3.3	.9	2.7	191.3	211.8	
Australia	8,428	480.1	2,862	132.1	11,290	612.2	81.1	189.8	68.6	81.1	587.7	75.8	89.7	6.3	31.5	17.7	48.1	1,196.3	1,889.6	

TABLE 6. VALUE OF BUILDING APPROVED, BY CLASS OF BUILDING AND OWNERSHIP
(\$ million)

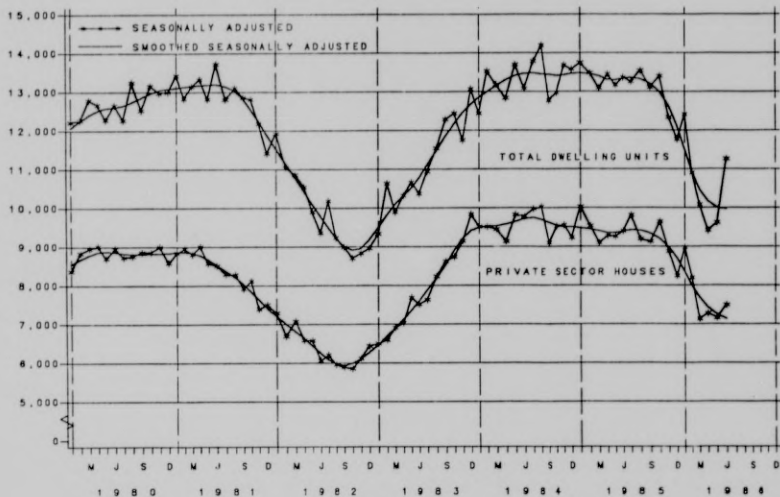
Class of building	Twelve months ended June			1986			
	1981-84	1984-85	1985-86	March	April	May	June
PRIVATE SECTOR							
New houses	4,942.2	5,671.0	5,637.5	383.2	435.6	461.7	439.7
New other residential buildings	943.4	1,205.0	1,007.7	86.8	68.7	64.3	85.8
Total new residential building	5,885.7	6,875.9	6,645.2	470.1	504.2	526.0	525.5
Alterations and additions to residential buildings	739.9	877.5	995.1	73.2	87.7	89.7	80.3
Hotels, etc.	377.1	714.7	511.3	31.7	17.3	18.1	188.8
Shops	655.8	945.8	1,186.1	81.4	109.2	115.0	65.7
Factories	364.7	500.8	734.2	59.1	55.0	62.5	72.9
Offices	771.1	1,410.3	1,651.4	60.9	194.2	122.2	136.7
Other business premises	320.4	430.3	626.7	40.2	47.1	43.0	49.5
Educational	124.1	155.7	170.2	10.8	11.4	10.8	16.9
Religious	34.7	44.0	59.2	6.8	6.0	7.2	6.3
Health	102.4	132.5	139.5	17.8	8.6	17.7	9.3
Entertainment and recreational	157.9	264.2	195.0	11.4	17.3	17.7	11.1
Miscellaneous	123.4	158.1	167.2	9.3	28.8	10.7	11.0
Total non-residential building	3,031.4	4,756.4	5,440.7	329.7	495.0	424.9	568.2
Total	9,657.0	12,509.9	13,081.0	872.9	1,087.0	1,040.6	1,174.0
PUBLIC SECTOR							
New houses	317.3	356.4	329.9	22.2	24.7	27.2	40.4
New other residential buildings	238.4	282.0	336.4	13.8	19.0	20.2	46.3
Total new residential building	555.7	638.4	666.3	36.0	43.7	47.4	86.7
Alterations and additions to residential buildings	13.9	14.2	20.7	.8	2.5	1.2	.8
Hotels, etc.	24.7	13.5	7.4	1.0	1.7	.4	.9
Shops	85.1	65.0	54.3	.1	.8	6.2	2.9
Factories	57.5	46.5	51.7	.6	2.4	2.1	8.3
Offices	290.4	495.1	1,214.2	33.5	123.1	129.2	451.0
Other business premises	273.4	192.2	346.4	19.9	55.9	24.3	26.2
Educational	508.0	588.1	635.9	45.2	56.8	50.6	72.8
Religious	-	-	-	-	-	-	-
Health	275.9	233.5	233.0	23.6	23.1	10.8	22.2
Entertainment and recreational	127.3	104.8	305.2	11.2	17.6	23.9	6.7
Miscellaneous	122.2	170.7	213.4	13.1	28.4	28.6	37.1
Total non-residential building	1,764.5	1,909.4	3,061.6	148.1	309.7	276.0	628.1
Total	2,334.2	2,562.1	3,748.5	184.9	355.9	324.6	715.6
TOTAL							
New houses	5,259.5	6,027.4	5,967.4	405.5	460.3	488.9	480.1
New other residential buildings	1,181.9	1,486.9	1,344.1	100.6	87.7	84.4	132.1
Total new residential building	6,441.4	7,514.3	7,311.5	506.0	547.9	573.4	612.2
Alterations and additions to residential buildings	753.8	891.7	1,015.8	74.0	90.2	90.9	81.1
Hotels, etc.	401.8	728.2	518.8	32.7	19.1	18.5	189.8
Shops	740.9	1,010.8	1,240.5	81.5	110.0	121.2	68.6
Factories	422.2	547.3	785.9	59.7	57.4	64.6	81.1
Offices	1,061.4	1,905.4	2,865.6	94.4	317.3	251.4	587.7
Other business premises	593.8	622.5	973.0	60.1	103.0	67.4	75.8
Educational	632.0	743.9	806.0	56.0	68.2	61.3	89.7
Religious	34.7	44.0	59.2	6.8	6.0	7.2	6.3
Health	378.3	366.0	372.4	41.4	31.7	28.5	31.5
Entertainment and recreational	285.2	369.0	500.3	22.6	34.8	41.6	17.7
Miscellaneous	245.6	328.8	380.6	22.4	57.2	39.3	48.1
Total non-residential building	4,796.0	6,665.8	8,502.3	477.7	804.7	700.9	1,196.3
Total	11,991.2	15,071.9	16,829.6	1,057.8	1,442.9	1,365.2	1,889.6

TABLE 7. NON-RESIDENTIAL BUILDING JOBS APPROVED, BY CLASS OF BUILDING AND VALUE SIZE GROUPS

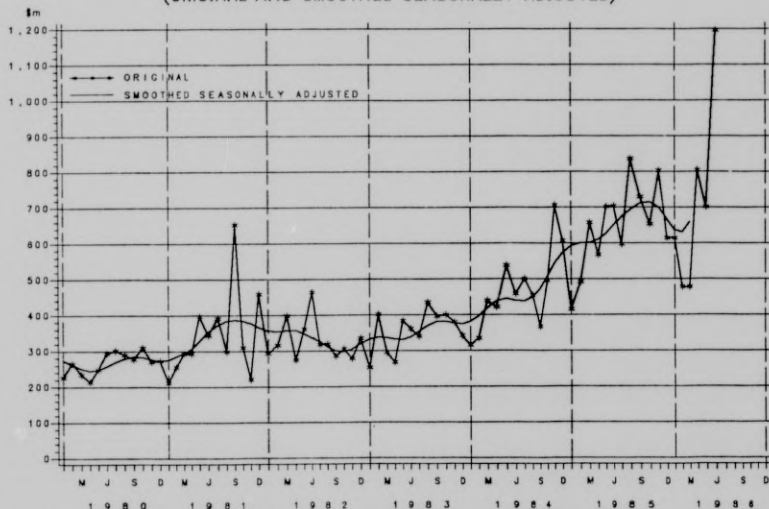
Period	\$10,000 to \$199,999		\$200,000 to \$499,999		\$500,000 to less than \$1m		\$1m to less than \$5m		\$5m and over		Total	
	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)	No.	Value (\$m)
HOTELS, ETC.												
1986 April	57	3.0	8	2.2	5	3.1	3	3.7	1	7.0	74	19.1
May	66	3.7	11	3.4	9	5.5	3	5.9	-	-	89	18.5
June	58	4.0	14	3.8	10	6.6	3	5.4	2	170.0	87	189.8
SHOPS												
1986 April	366	14.8	46	12.8	15	9.2	13	28.7	2	44.5	442	110.0
May	366	19.2	46	13.5	17	11.3	11	23.2	2	54.0	442	121.2
June	415	19.2	47	13.9	27	17.5	11	18.1	-	-	500	68.6
FACTORIES												
1986 April	247	17.2	53	15.3	11	7.0	6	12.4	1	5.5	318	57.4
May	294	19.2	57	16.3	19	13.5	10	15.7	-	-	380	64.6
June	272	17.2	46	13.7	12	8.0	14	29.7	2	12.5	346	81.1
OFFICES												
1986 April	403	21.6	51	16.2	28	18.0	17	33.6	10	228.0	509	317.3
May	412	21.3	57	17.0	28	19.3	25	46.2	9	147.7	531	251.4
June	343	17.9	76	24.3	19	12.0	20	40.4	7	493.1	465	587.7
OTHER BUSINESS PREMISES												
1986 April	343	16.2	41	12.4	13	8.3	10	21.4	4	44.8	411	103.0
May	349	15.5	37	10.6	20	14.9	11	26.4	-	-	417	67.4
June	385	18.6	41	12.0	24	16.4	9	14.6	2	14.1	461	75.8
EDUCATIONAL												
1986 April	104	5.8	15	4.8	11	7.8	8	18.8	4	31.0	142	68.2
May	104	5.8	13	4.3	15	10.9	12	26.7	2	13.7	146	61.3
June	96	6.2	29	9.5	12	7.6	15	30.2	5	36.3	157	89.7
RELIGIOUS												
1986 April	24	1.2	8	2.5	2	1.3	1	1.1	-	-	35	6.0
May	28	2.1	9	2.6	2	1.1	1	1.3	-	-	40	7.2
June	24	1.5	5	1.8	3	2.1	1	1.0	-	-	33	6.3
HEALTH												
1986 April	52	3.1	12	3.7	5	3.5	4	6.4	1	15.0	74	31.7
May	84	4.0	14	4.6	4	2.7	4	9.1	1	8.0	107	28.5
June	65	4.2	12	3.9	7	5.3	7	13.2	1	5.0	92	31.5
ENTERTAINMENT AND RECREATIONAL												
1986 April	130	7.2	18	5.4	2	1.3	5	13.1	1	7.9	156	34.8
May	132	7.0	18	5.6	4	2.6	6	12.9	2	13.5	162	41.6
June	116	5.9	13	4.2	10	6.6	1	1.0	-	-	140	17.7
MISCELLANEOUS												
1986 April	206	8.1	19	5.3	5	2.9	4	10.4	3	30.6	237	57.2
May	238	8.8	31	8.0	6	4.0	6	12.6	1	5.9	282	39.3
June	227	8.7	25	7.5	11	7.7	7	13.0	1	11.3	271	48.1
TOTAL NON-RESIDENTIAL BUILDING												
1986 April	1,932	98.1	271	80.6	97	62.3	71	149.5	27	414.2	2,398	804.7
May	2,073	106.6	293	86.0	124	85.7	89	179.8	17	242.8	2,596	700.9
June	2,001	103.2	308	94.5	135	89.6	88	166.6	20	742.3	2,552	1,196.3

TABLE 8. SUMMARY OF BUILDING APPROVED

Period	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia
NUMBER OF DWELLING UNITS									
1985-86	37,224	37,533	26,696	10,940	18,559	4,108	1,749	3,886	140,655
1985 June	3,694	3,134	2,717	1,043	1,613	397	185	486	13,269
1986 January	2,488	2,516	2,059	895	1,336	319	102	307	10,022
February	2,267	2,924	1,960	660	1,506	260	87	296	9,960
March	2,473	2,353	1,775	1,021	1,421	259	103	119	9,524
April	2,562	2,906	1,802	829	1,449	334	147	308	10,337
May	2,677	2,989	1,652	720	1,699	362	124	236	10,459
June	3,385	2,888	1,634	1,071	1,397	370	214	331	11,290
VALUE OF NEW RESIDENTIAL BUILDING (\$m)									
1985-86	2,049.1	2,097.2	1,249.2	545.0	871.0	194.8	99.5	205.7	7,311.5
1985 June	185.5	164.7	122.3	51.2	70.8	16.5	9.2	25.3	645.5
1986 January	135.0	140.5	93.7	42.6	64.3	16.8	6.3	16.4	515.7
February	131.6	165.7	94.1	34.0	75.9	12.9	5.1	15.9	535.1
March	136.7	136.9	88.7	49.9	66.9	14.3	5.4	7.3	506.0
April	142.2	167.7	87.3	41.4	68.2	16.4	7.7	17.2	547.9
May	155.5	178.0	83.6	36.4	82.2	17.8	6.9	12.9	573.4
June	196.8	169.9	79.9	51.4	67.1	16.8	11.3	19.0	612.2
VALUE OF ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDINGS (\$m)									
1985-86	434.9	315.8	66.3	79.8	67.7	16.3	9.5	25.4	1,015.8
1985 June	31.3	22.3	6.3	6.4	4.6	1.3	.5	2.5	75.2
1986 January	34.1	21.6	4.4	6.6	4.6	.9	.4	2.0	74.7
February	31.3	24.1	5.0	5.5	4.8	1.2	.4	2.0	74.4
March	31.4	22.7	5.4	6.0	4.7	1.2	1.3	1.3	74.0
April	33.8	30.3	5.8	6.3	8.3	1.8	1.5	2.4	90.2
May	39.0	29.4	5.0	7.2	6.3	1.5	.3	2.0	90.9
June	36.2	26.0	5.6	5.4	4.4	1.3	.5	1.5	81.1
VALUE OF NON-RESIDENTIAL BUILDING (\$m)									
1985-86	2,740.4	2,238.3	1,317.1	619.4	710.4	149.4	167.3	561.1	8,502.3
1985 June	198.4	116.2	159.9	104.2	65.7	38.6	9.5	10.5	703.1
1986 January	261.8	132.4	67.2	44.3	56.5	22.2	11.9	18.0	614.4
February	148.1	147.6	78.2	32.0	43.6	9.2	9.5	9.1	477.3
March	173.0	107.7	97.7	19.6	43.3	18.0	14.1	4.3	477.7
April	385.1	170.8	87.3	44.6	81.3	11.5	17.5	6.7	804.7
May	160.6	155.4	72.0	110.4	52.7	18.4	29.9	101.5	700.9
June	181.1	568.1	126.3	50.2	46.2	12.6	20.3	191.3	1,196.3
VALUE OF TOTAL BUILDING (\$m)									
1985-86	5,224.4	4,651.2	2,632.6	1,244.2	1,649.1	360.5	276.3	792.2	16,829.6
1985 June	415.2	303.3	288.5	161.8	141.2	56.4	19.3	38.3	1,423.8
1986 January	430.9	294.6	165.3	93.5	125.5	39.9	18.6	36.5	1,204.7
February	311.0	337.4	177.3	71.5	124.3	23.3	15.0	27.0	1,086.9
March	341.1	267.3	191.8	75.5	114.9	33.5	20.9	12.8	1,057.8
April	561.1	368.8	180.3	92.2	157.8	29.7	26.7	26.2	1,442.9
May	355.1	362.8	160.7	154.0	141.3	37.8	37.2	116.4	1,365.2
June	414.2	764.1	211.8	107.1	117.8	30.7	32.1	211.8	1,889.6



VALUE OF NON-RESIDENTIAL BUILDING APPROVED, AUSTRALIA
(ORIGINAL AND SMOOTHED SEASONALLY ADJUSTED)



NOTE: Because of the highly erratic nature of the Non-residential Building Approvals series it is not possible to discern with any reasonable confidence the current direction of the trend cycle at the end of the series. Therefore the ABS does not provide the last three current smoothed Non-residential Building Approvals estimates in the above graph.

**CORRIGENDUM****22 AUGUST 1986****BUILDING APPROVALS, AUSTRALIA, JUNE 1986**
CATALOGUE NO. 8731.0 (issued 6 August 1986)

- PHONE INQUIRIES • *about these statistics*—contact Graham Phillips on Canberra (062) 52 5537 or any ABS State office.
• *about other statistics and ABS services*—contact **Information Services** on Canberra (062) 52 6627 or any ABS State office.
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- ON VIATEL • *key *656#* for selected economic, social and demographic statistics on *VIATEL*.

A processing error has resulted in a \$100m overstatement in the value of non-residential building approved for the private sector 'Hotels, etc.' category in the Australian Capital Territory in June 1986, which affects Tables 2, 3, 5, 6, 7 and 8.

The effect of this revision at the Australian level is shown in the table below.

IAN CASTLES
Australian Statistician

VALUE OF BUILDING APPROVED: AUSTRALIA
(\$ million)

	<i>Non-residential building</i>		<i>Total building</i>		
	<i>Private sector</i>	<i>Total</i>	<i>Private sector</i>	<i>Total</i>	
				<i>Original</i>	<i>Seasonally adjusted</i>
As published	568.2	1,196.3	1,174.0	1,889.6	1,784.9
Revised	468.2	1,096.3	1,074.0	1,789.6	1,690.4