



## PRODUCTION BULLETIN NO. 5 : BUILDING MATERIALS AND FITTINGS AUSTRALIA, JUNE 1984

- PHONE INQUIRIES** *For more information about these statistics—contact Sue Gumprich on Canberra (062) 52 5558 or any of our State offices.*  
*Other inquiries including copies of publications—contact Information Services on Canberra (062) 52 6627 or in any of our State offices.*
- MAIL INQUIRIES** *write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any of our State offices.*

### EXPLANATORY NOTES

#### Introduction

This publication is one of a series of eight containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 7 below.

2. Data contained in these publications are mostly based on monthly or quarterly collections conducted by the Australian Bureau of Statistics (ABS). Where another authority is the source this is indicated in a footnote.

#### Classification

3. Most items are identified by Commodity Codes of the Commodity Classification used in Australian manufacturing statistics. However, in cases where data are derived from sources other than ABS collections no commodity code is shown. Furthermore, combinations of commodities are arranged so as to align production data with import and export commodity items in accordance with the Australian Standard Commodity Classification (ASCC). For further information regarding the ASCC, see the ABS publication *Australian Standard Commodity Classification, Part 1, Introduction, Summary Classification and Commodity Keys* (1207.0).

#### Scope and coverage

4. Production statistics collected by the ABS exclude production by single establishment manufacturing enterprises employing less than four persons and production of establishments predominantly engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing. However, except for a few commodities the effect on production levels and movements is marginal.

5. Annual figures shown are derived by aggregating monthly/quarterly production and relate to production during the year ended 30 June. They may differ from annual manufacturing census data which relate to the census year and, in the case of businesses unable to report on a June year basis include details in respect of substitute accounting periods.

#### Seasonal adjustment

6. This publication contains seasonally adjusted statistics of several items. In the seasonal adjustment, account has been taken not only of normal seasonal factors but also of "trading-day" effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month) and the influence of Easter and Australia Day

which may, in successive years, affect figures for different months. The seasonally adjusted figures have been revised following annual reanalysis. Details of the methods used in seasonally adjusting these and other series are given in *Seasonally Adjusted Indicators, Australia* (1308.0).

#### Related publications

7. Other ABS publications which may be of interest are:

*Production Bulletin No. 1: Electrical Appliances, Australia* (8357.0)—issued monthly

*Production Bulletin No. 2: Clothing and Footwear, Australia* (8358.0)—issued monthly

*Production Bulletin No. 3: Food, Drink and Tobacco, Australia* (8359.0)—issued monthly

*Production Bulletin No. 4: Textiles, Bedding and Floor Coverings, Australia* (8360.0)—issued monthly

*Production Bulletin No. 6: Chemicals and By-products, Australia* (8362.0)—issued monthly

*Production Bulletin No. 7: Motor Vehicles, Parts and Accessories, Australia* (8363.0)—issued quarterly

*Production Bulletin No. 8: Miscellaneous Products, Australia* (8364.0)—issued monthly

*Manufacturing Commodities Selected Principal Articles Produced, Australia, 1981-82* (8365.0) (Preliminary)

*Manufacturing Commodities, Principal Articles Produced, Australia, 1980-81 and 1981-82* (8303.0)

8. 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.

#### Symbols and other usages

n.p. not available for separate publication (but included in totals where applicable)

n.y.a. not yet available

.. not applicable

— nil or rounded to zero

— break in continuity of series (where a line is drawn between two consecutive figures in the same column)

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Australian Statistician

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## BRICKS

Period	Clay							
	N. S. W. and A. C. T.	Vic	Qld	W. A. (472.01.03)	Other States	Australia		Concrete -standard size (475.21)
						Original	Seasonally adjusted(a)	
				—million—				
1981-82	885	445	376	392	136	2,234	..	(b)53.3
1982-83	660	359	245	277	114	1,655	..	44.2
1983-84	677	401	248	301	145	1,773	..	51.4
1983—								
April	48.5	29.3	17.7	23.4	9.7	128	132	4.08
May	54.6	32.5	20.6	24.4	12.2	144	135	4.02
June	54.6	33.5	18.9	22.3	10.2	139	133	3.40
July	54.3	33.1	18.7	23.9	11.8	142	138	3.98
August	59.5	33.1	21.6	21.3	13.2	149	137	4.49
September	58.7	32.7	20.6	23.0	12.0	147	140	4.02
October	59.2	33.7	20.9	22.5	11.4	148	145	4.51
November	59.5	34.5	23.0	24.4	13.2	155	143	3.94
December	51.3	27.0	17.7	26.6	7.7	130	143	3.84
1984—								
January	37.0	20.8	11.1	21.4	4.0	94	134	2.42
February	55.5	37.3	23.3	24.6	13.1	154	155	5.45
March	60.4	38.0	24.3	27.7	15.1	165	154	4.88
April	55.0	35.3	19.9	26.8	13.2	150	157	3.90
May	65.2	37.8	25.2	30.4	16.4	175	158	6.02
June	61.0	38.1	22.1	28.8	13.9	164	160	3.97

## TERRACOTTA AND CONCRETE ROOFING TILES

Period	Flat surface measure (c)					
	N. S. W. and A. C. T.	Vic (472.15.475.32)	W. A.	Other States	Australia	
					Terracotta (472.15)	Concrete (475.32)
			' 000 sq metres—			
1981-82	261	4,798	2,816	4,253	3,780	15,348
1982-83	5,556	3,959	2,171	3,440	2,787	(d)12,340
1983-84	(d)6,442	4,947	2,470	4,520	2,727	(d)15,658
1983—	(d)					(d)
April	399	345	160	265	217	953
May	520	422	196	318	242	1,214
June	486	400	188	360	256	1,177
July	527	394	155	327	239	1,164
August	578	433	187	341	258	1,280
September	565	386	185	372	192	1,316
October	545	406	192	353	225	1,269
November	615	438	239	420	231	1,481
December	438	332	180	332	196	1,085
1984—						
January	222	202	148	152	145	579
February	663	493	216	383	254	1,502
March	619	467	243	503	243	1,589
April	470	377	210	360	212	1,204
May	592	542	295	512	282	1,659
June	609	477	226	465	249	1,530

(a) See paragraph 6 of Explanatory notes. (b) Prior to July 1982 includes non-standard size. (c) Refers to the theoretical effective coverage of the tiles if laid in an interlocking manner on a flat surface. For each type of tile, coverage is calculated using standard side lap and minimum head lap, without any provision for wastage. (d) Series revised substantially since last issue.

## PORTLAND CEMENT, MINERAL WOOL

Period	Portland cement		Bonded mineral wool(a)	
	Original (474.02)	Seasonally adjusted (b)	Glass (excl. sectional pipe insulation) (479.01)	Other (excl. sectional pipe insulation) (479.02)
			—tonnes—	
	—'000 tonnes—			
1981-82	6,086	..	15,854	10,404
1982-83	5,076	..	15,638	11,173
1983-84	5,130	..	15,901	12,027
<b>1983—</b>				
April	348	342	979	776
May	389	357	1,408	1,069
June	421	413	1,442	982
July	410	384	1,429	884
August	419	401	1,430	1,145
September	450	440	1,614	997
October	433	417	1,403	1,000
November	446	424	1,477	1,267
December	434	438	1,222	923
<b>1984—</b>				
January	244	369	786	264
February	451	454	1,245	1,200
March	471	442	1,428	946
April	408	427	1,040	832
May	503	459	1,403	1,375
June	462	446	1,424	1,194

## LIGNOCELLULOSE AND DECORATIVE SURFACED BOARDS AND SHEETS

Period	Lignocellulose boards and sheets(c)		Decorative surfaced boards and sheets(d)	Plastic building materials	
	Particle board resin bonded(c)	Seasonally adjusted(b)		Decorative laminated —high pressure (425.01)	Profile sheet(e) (425.19)
	—'000 cu.m—		On particle board (425.03)	—'000 sq.m—	
1981-82	678	..	8,849	(f)4,354	2,506
1982-83	566	..	7,646	3,578	1,982
1983-84	662	..	8,880	4,546	2,306
<b>1983—</b>					
April	46.4	49.6	724	332	(g) 139
May	52.9	50.8	782	327	170
June	57.1	50.1	710	369	161
July	51.8	50.3	645	359	180
August	61.5	51.3	764	319	205
September	56.7	54.4	828	409	237
October	59.8	55.1	833	387	198
November	64.7	57.6	929	395	254
December	40.4	54.9	618	460	193
<b>1984—</b>					
January	21.4	58.1	313	241	155
February	62.3	52.7	840	319	197
March	59.8	54.1	831	487	200
April	54.7	56.0	656	330	135
May	67.2	57.8	823	418	210
June	61.3	61.5	799	423	142

(a) Includes rock, -ing glass wool, etc. (b) See paragraph 6 of Explanatory notes. (c) Original forming of boards and sheets including special compositions. Includes board and sheet for subsequent conversion to other purposes in the same establishment as well as for sale or transfer out. (d) Excludes decorative laminated sheets simply bonded by means of an adhesive to a substrate. (e) Corrugated, etc. (including fibreglass reinforced). (f) Prior to July 1982 includes low pressure type.

## PLASTER SHEETS, CONCRETE PRODUCTS AND SAWN TIMBER

Period	Plaster sheets (479.32.33)	Concrete blocks(a) (475.27)	Concrete box culverts (475.60)	Sawn Australian grown timber(b) (331.01-19)
	'000 sq. m	million	tonnes	'000 cu. m
1981-82	60,060	97.0	119,188	3,219
1982-83	49,879	82.0	118,524	2,962
1983-84	60,401	83.3	112,721	2,679
1983—				
April	3,365	5.68	10,339	
May	4,188	6.56	11,503	769
June	4,799	6.57	10,338	
July	4,458	6.40	9,734	
August	5,361	7.31	7,886	701
September	4,484	7.60	7,374	
October	4,785	7.04	8,201	
November	6,287	8.05	10,058	679
December	4,316	6.01	6,927	
1984—				
January	2,797	3.94	5,153	
February	6,216	7.09	10,260	602
March	5,487	7.70	12,024	
April	4,224	6.35	9,734	
May	6,278	8.37	12,490	697
June	5,708	7.47	12,880	

## READY MIXED CONCRETE(c)

Period	N.S.W.	Vic.	Qld	S.A.	W.A. (475.90)	Tas.	A.C.T.	N.T.	Australia
	'000 cu. m								
1981-82	4,320	2,708	3,586	859	1,246	227	179	157	13,283
1982-83	3,401	2,279	2,886	833	931	208	194	153	10,885
1983-84	3,462	2,547	2,962	976	953	188	256	179	11,523
1983—									
April	230	176	159	65.1	68.6	19.8	14.8	12.4	745
May	245	203	186	77.6	75.4	18.1	15.9	14.1	835
June	276	195	220	80.4	73.8	15.7	16.6	15.1	893
July	291	185	243	65.7	73.3	15.8	22.4	14.7	910
August	335	209	256	78.8	82.2	16.2	24.7	14.5	1,016
September	316	190	267	78.0	79.2	16.0	22.1	15.3	983
October	243	206	255	84.4	78.8	12.6	19.4	16.1	915
November	311	215	265	91.8	88.3	18.0	22.2	14.5	1,025
December	258	207	227	76.7	77.4	16.0	16.1	13.3	891
1984—									
January	182	131	192	53.6	57.7	9.4	8.6	9.0	644
February	270	230	251	87.2	81.5	9.2	24.1	8.7	962
March	323	232	277	93.1	84.2	21.3	23.6	14.9	1,072
April	262	200	199	79.1	69.4	17.3	20.4	17.1	865
May	353	289	277	95.8	90.9	19.3	26.8	22.8	1,174
June	319	253	251	92.1	89.6	16.6	25.2	18.6	1,065

(a) Expressed in terms of 400 mm x 200 mm x 200 mm blocks. (b) Source: Forestry Branch, Department of Primary Industry. Quarterly figures are expressed in terms of green off saw volumes. (c) Reports production of ready mixed concrete for sale as such. Excludes production used, or for use, in the same establishment.

## COMPLETE HOT WATER SYSTEMS(a)

Period	Electric		Gas		Solar (b) (654.28)
	Storage— displacement type		Natural (654.24)	Other (654.25)	
	Full mains pressure (654.11)	Constant pressure (654.12)			
	—number—				
1981-82	206,734	21,338	62,135	18,976	48,806
1982-83	176,840	21,220	69,488	19,806	43,754
1983-84	196,762	20,863	82,524	17,916	48,446
1983—					
April	13,618	1,614	4,190	1,169	2,639
May	13,283	1,702	6,176	1,058	2,970
June	18,792	2,059	8,231	1,565	3,726
July	14,549	2,281	8,610	2,044	3,675
August	16,872	2,558	8,667	1,764	6,019
September	18,906	2,110	8,294	1,846	5,864
October	19,600	2,058	7,280	n.p.	4,262
November	21,810	1,696	7,386	n.p.	4,990
December	15,158	1,475	5,201	n.p.	3,247
1984—					
January	2,461	1,032	1,477	n.p.	2,727
February	19,525	1,581	8,683	n.p.	4,453
March	18,068	1,534	8,063	n.p.	3,672
April	14,639	1,349	5,496	1,308	2,165
May	14,321	1,725	6,736	1,921	4,019
June	20,853	1,464	6,631	1,238	3,353

## COOKING STOVES, OVENS AND RANGES

Period	Cooking stoves, ovens and ranges—domestic types						Total
	Electric			Gas(d)			
	Ranges(e) fixed and other (661.02)	Wall ovens (661.11)	Cooking tops (661.13)	Standard ovens (662.31)	Natural (662.34)	LP and TLP (662.26)	
	—number—						
1981-82	148,453	(e)95,342	73,687	(f)18,691	(f)62,254	(f)30,465	(f)111,410
1982-83	110,526	50,123	49,163	17,514	53,430	27,305	98,249
1983-84	137,873	67,032	59,978	14,060	62,613	33,379	110,052
1983—							
April	8,805	3,202	3,397	n.p.	4,580	n.p.	8,412
May	11,775	5,225	3,519	n.p.	4,858	n.p.	8,816
June	12,473	5,147	4,751	n.p.	5,084	n.p.	8,982
July	12,457	5,296	4,637	1,249	4,981	2,393	8,623
August	11,569	5,779	4,477	1,227	6,086	3,086	10,399
September	13,183	5,479	4,752	1,402	6,438	2,761	10,661
October	12,427	5,526	4,973	976	3,986	4,223	9,185
November	11,140	7,145	5,383	1,594	5,498	3,570	10,662
December	10,537	3,705	4,688	1,137	4,472	2,868	8,477
1984—							
January	5,942	2,029	2,080	305	1,692	852	2,849
February	12,568	6,345	5,704	1,433	6,280	2,355	10,068
March	13,635	6,620	6,061	1,472	5,509	2,598	9,579
April	11,247	5,992	5,096	1,245	4,011	2,463	7,719
May	11,624	6,397	6,333	1,231	7,852	3,580	12,663
June	11,544	6,719	5,794	789	5,808	2,630	9,227

(a) Both domestic and non-domestic up to 900 litres storage capacity. (b) Includes hot water systems that also have a conventional back up energy source. (c) Having at least one hotplate and one oven separately heated. Total rating not exceeding 15kw. (d) Gas stoves and ranges, upright or elevated (with oven) excludes cooking tops, hotplates, stovettes, etc. (e) Prior to July 1982 includes grill boilers. (f) Prior to July 1982 includes wall ovens.

## COOKING STOVES—continued

## SPACE HEATERS AND SOLAR COLLECTORS

Period	Non-domestic cooking stoves ovens and ranges		Space heaters(a)		
	Electric (661.19)	Gas (662.49)	Gas fired warm air furnaces (651.28.29)	Gas fires and gas space heaters—all type <sup>c</sup> (651.15)	Solar collectors(b) (654.84-87)
1981-82	3,860	3,150	20,516	51,512	196,705
1982-83	2,847	2,232	18,867	68,999	198,476
1983-84	2,101	n.p.	21,148	69,205	218,592
1983—					
April	221	109	2,192	6,894	7,863
May	210	110	3,217	10,243	10,809
June	208	64	2,159	11,463	20,690
July	171	88	2,077	8,403	16,798
August	173	n.p.	3,088	4,382	28,055
September	170	n.p.	1,504	2,324	24,799
October	150	n.p.	1,348	2,816	21,715
November	197	n.p.	1,140	4,642	22,716
December	141	n.p.	845	2,435	15,202
1984—					
January	56	n.p.	336	2,695	11,920
February	115	n.p.	1,165	5,798	19,196
March	235	n.p.	1,783	8,089	16,410
April	204	n.p.	2,084	7,236	8,839
May	241	n.p.	3,104	11,447	17,040
June	248	n.p.	2,674	8,938	15,902

## PLUMBING FIXTURES AND FITTINGS

Period	Sinks (incl. combination sinks)	Laundry tubs	Earthenware		
	Pressed steel standard size-stainless(d) (671.14)	Pressed steel (enamelled, stainless or galvanised) (671.22)	Toilet cisterns(e) plastic (671.55)	Wash basins wall and pedestal (671.37)	Pans (closet) (671.41)
1981-82	(f)258,335	(g)182,805	519,734	276,620	570,790
1982-83	210,153	152,364	422,977	202,425	498,765
1983-84	263,085	198,188	453,578	212,066	491,097
1983—					
April	14,095	9,425	24,755	16,405	40,225
May	21,612	17,156	32,802	16,802	36,595
June	23,203	16,845	39,273	20,679	38,032
July	19,602	15,127	38,461	17,926	34,027
August	22,183	16,076	44,506	20,684	41,540
September	22,230	17,856	41,263	16,970	42,181
October	21,071	16,350	40,358	16,913	36,671
November	23,287	19,342	43,703	20,041	42,277
December	18,841	15,037	n.p.	10,727	33,649
1984—					
January	6,499	3,998	n.p.	7,356	19,872
February	26,364	18,991	35,380	17,199	49,637
March	23,642	22,317	36,972	22,316	54,611
April	22,156	18,275	34,141	18,403	38,754
May	31,525	18,643	54,480	22,097	46,296
June	25,685	16,176	35,485	21,434	51,582

(a) Includes both domestic and non-domestic types. (b) For household or industrial water heating purposes (e.g. hot water systems, swimming pool heating). Production figures relate to effective area of aperture. (c) Prior to July 1981 figures relate only to collectors for hot water systems. (d) Excludes enamelled or galvanised sinks. (e) Excludes storage tanks for use with flusherette valves. (f) Prior to July 1982 includes enamelled sinks. (g) Prior to July 1982 comprises stainless steel laundry tubs only.