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PRODUCTION BULLETIN NO. 5 : BUILDING MATERIALS AND FITTINGS AUSTRALIA, MAY 1985

PHONE INQUIRIES *for more information about these statistics*—contact Cellina Benassi on Canberra (062) 52 5558 or any of our State offices.

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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. 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, Motor Bodies and Trailed Vehicles, Australia (8363.0)—*issued quarterly*

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

Manufacturing Commodities, Selected Principal Articles Produced, Australia, 1982-83, Preliminary, (8365.0)

Manufacturing Commodities, Principal Articles Produced, Australia, 1980-81 and 1981-82 (8303.0) (*$1.70, $2.40 incl. postage)*

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.a. not available
n.p. not available for separate publication (but included in totals where applicable)
. . not applicable
r revised significantly since last issue
____ break in continuity of series (where a line is drawn between two consecutive figures in the same column)

A.R. BAGNALL
Acting Australian Statistician

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BRICKS
(million)

Period	Clay: For structural purposes: N.S.W. and A.C.T.(a)	Vic(a)	Qld(a)	W.A.(a) (471.91,93)	Other States(a)	Australia: Original	Australia: Seasonally adjusted(b)	For other purposes (incl. pavers) (471.98)	Concrete -standard size (475.21)
1981-82	885	445	376	392	136	n.a.	..	n.a.	(c)53.3
1982-83	660	359	245	277	114	n.a.	..	n.a.	44.2
1983-84	677	401	248	301	145	1,702	..	71.1	51.4
1984—									
March	60.4	38.0	24.3	27.7	15.1	160	150	5.8	4.9
April	55.0	35.3	19.9	26.8	13.2	145	152	5.2	3.9
May	65.2	37.8	25.2	30.4	16.4	168	152	6.9	6.0
June	61.0	38.1	22.1	28.8	13.9	156	152	7.6	4.0
July	63.2	33.9	22.4	27.1	16.5	163	154	5.9	4.7
August	61.2	39.2	23.1	28.0	13.9	165	154	6.4	3.6
September	57.4	33.2	20.6	28.0	14.9	154	156	9.5	4.8
October	66.8	43.2	24.7	30.1	15.1	180	164	8.6	6.0
November	62.5	37.0	24.3	31.0	14.3	169	159	9.8	5.1
December	51.9	28.6	15.6	29.2	9.4	135	155	6.4	3.9
1985—									
January	45.7	20.9	13.2	31.8	6.3	118	163	5.0	2.7
February	58.4	38.8	17.8	29.0	14.4	158	167	6.5	6.4
March	65.1	37.8	23.1	n.p.	n.p.	171	164	6.2	4.4
April	60.8	42.1	20.0	n.p.	n.p.	168	168	6.4	4.7
May	67.5	40.5	24.2	n.p.	n.p.	177	161	6.9	5.4
1983-84 : July to May	616	363	226	273	131	1,545	..	63.5	47.4
1984-85 : July to May	660	395	229	n.p.	n.p.	1,759	..	77.6	51.8

TERRACOTTA AND CONCRETE ROOFING TILES
('000 square metres)

Period	Flat surface measure (d): N.S.W. and A.C.T.	Vic (472.15;475.32)	W.A.	Other States	Australia: Terracotta (472.15)	Australia: Concrete (475.32)
1981-82	7,261	4,798	2,816	4,253	3,780	15,348
1982-83	5,556	3,959	2,171	3,440	2,787	12,340
1983-84	6,442	4,947	2,476	4,520	2,727	15,658
1984—						
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
July	602	540	270	487	279	1,620
August	658	508	259	468	242	1,652
September	545	470	262	392	238	1,432
October	683	576	311	451	309	1,711
November	703	564	310	505	272	1,810
December	479	407	196	321	186	1,216
1985—						
January	328	231	213	201	154	819
February	582	521	260	435	267	1,532
March	666	526	270	495	265	1,692
April	523	362	238	372	273	1,222
May	588	624	297	495	291	1,713
1983-84: July to May	5,832	4,470	2,249	4,055	2,478	14,128
1984-85: July to May	6,358	5,329	2,885	4,622	2,776	16,419

(a) Prior to July 1984 includes bricks for other than structural purposes (including pavers). (b) See paragraph 6 of Explanatory Notes. (c) Prior to July 1982 includes non-standard size. (d) 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.

Period	PORTLAND CEMENT ('000 tonnes) Original (474.02)	Seasonally adjusted (a)	CONCRETE PRODUCTS Concrete blocks(b) (475.27)	Concrete box culverts (475.60)
			million	tonnes
1981-82	6,086	..	97.0	119,188
1982-83	5,076	..	82.0	118,524
1983-84	5,130	..	85.5	112,721
1984—				
March	471	442	7.95	12,024
April	408	427	6.52	9,734
May	503	459	8.73	12,490
June	462	446	7.82	12,880
July	482	453	8.45	13,216
August	503	475	8.62	11,193
September	471	472	7.66	10,811
October	488	470	8.34	11,748
November	553	514	8.73	10,751
December	r455	r469	6.28	7,130
1985—				
January	330	500	5.29	7,705
February	444	457	7.45	10,610
March	477	451	9.10	11,945
April	447	464	7.88	10,080
May	529	480	9.51	12,893
1983-84 : July to May	4,668	..	77.7	99,841
1984-85 : July to May	5,179	..	87.3	118,082

READY MIXED CONCRETE(c) ('000 cu. m)

	N.S.W.	Vic.	Qld	S.A.	W.A. (475.90)	Tas.	A.C.T.	N.T.	Australia
1981-82	4,518	2,708	3,586	859	1,246	227	179	157	13,481
1982-83	3,572	2,279	2,886	833	931	208	194	153	11,056
1983-84	3,544	2,547	2,962	976	953	188	256	179	11,605
1984—									
March	331	232	279	93.1	84.2	21.3	23.6	14.9	1,079
April	268	200	199	79.1	69.4	17.3	20.4	17.1	871
May	359	289	277	95.8	90.9	19.3	26.8	22.8	1,181
June	325	253	251	92.1	89.6	16.6	25.2	18.6	1,071
July	287	231	223	77.7	87.2	15.0	23.9	16.7	961
August	407	245	294	82.2	91.7	14.8	27.9	22.4	1,186
September	345	193	254	87.2	92.6	14.3	25.8	22.2	1,033
October	388	284	258	107.3	98.9	19.4	32.9	27.5	1,217
November	377	267	284	109.4	100.5	20.8	36.4	21.8	1,218
December	311	205	213	91.6	75.3	15.1	27.5	15.8	954
1985—									
January	235	163	203	66.3	77.8	14.4	11.2	16.6	787
February	315	255	217	94.1	86.6	18.8	32.6	17.7	1,037
March	343	262	245	102.0	90.6	20.6	27.5	20.4	1,111
April	261	236	228	86.3	89.4	18.8	18.0	18.9	956
May	352	292	269	98.1	116.0	22.6	35.9	24.2	1,210
1983-84 : July to May	3,219	2,294	2,711	884	863	171	231	161	10,533
1984-85 : July to May	3,622	2,633	2,687	1,002	1,006	195	300	224	11,669

(a) See paragraph 6 of Explanatory Notes. (b) Expressed in terms of 400 mm x 200 mm x 200 mm blocks. (c) Reported production of ready mixed concrete for sale as such. Excludes production used, or for use, in the same establishment.

Period	PLASTER SHEETS ('000 sq. metres)	MINERAL WOOL (tonnes)		SAWN TIMBER ('000 cu. metres)
		Bonded mineral wool		
	Plaster sheets (479.32,33)	*Glass (excl. sectional pipe insulation) (479.01)*		*Sawn Australian grown timber(a)*
1981-82	60,060	15,854		3,219
1982-83	49,879	15,638		2,962
1983-84	60,401	15,901		2,679
1984—				
March	5 487	1,428		
April	4,244	1,040		
May	6,278	1,403		697
June	5,708	1,424		
July	5,830	1,465		
August	6,684	1,559		857
September	5,879	1,437		
October	6,910	1,398		
November	4,810	1,425		770
December	4,868	1,459		
1985—				
January	3,997	1,300		
February	5,786	1,430		753
March	5,857	1,614		
April	5,177	1,323		
May	7,140	1,547		
1983-84 : July to May	54,693	14,477		..
1984-85 : July to May	62,939	15,957		..

LIGNOCELLULOSE AND DECORATIVE SURFACED BOARDS AND SHEETS

Period	*Lignocellulose boards and sheets*		*Decorative surfaced boards and sheets(d)*	*Plastic building materials*	
	Particle board resin bonded(b)				
	Original (336.12)	*Seasonally adjusted(c)*	*On particle board (425.08)*	*Decorative laminated —high pressure (425.01)*	*Profile sheet(e) (425.19)*
	—'000 cu.m—			—'000 sq.m—	
1981-82	678	..	8,849	(f)4,354	2,506
1982-83	583	..	7,646	3,611	1,982
1983-84	664	..	10,394	4,546	2,306
1984—					
March	60.1	54.4	952	487	200
April	55.0	56.3	758	330	135
May	67.5	58.1	1,017	418	210
June	61.6	61.8	956	423	142
July	61.8	58.7	961	473	167
August	63.1	52.1	1,109	416	237
September	56.2	55.2	986	409	237
October	66.6	56.4	1,050	436	268
November	63.3	60.2	926	585	274
December	39.4	54.3	707	383	207
1985—					
January	22.9	55.6	383	107	120
February	60.2	56.6	1,041	372	259
March	64.1	60.4	1,050	472	241
April	58.9	60.0	893	381	215
May	69.8	61.1	1,151	497	279
1983-84 : July to May	603	..	9,438	4,123	2,164
1984-85 : July to May	626	..	10,258	4,531	2,505

(a) Source: Forestry Branch, Department of Primary Industry. Quarterly figures are expressed in terms of green off saw volumes. (b) 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. (c) See paragraph 6 of Explanatory Notes. (d) Excludes decorative laminated sheets simply bonded by means of an adhesive to a substrate. (e) Corrugated, etc. (including fibre glass reinforced). (f) From July 1982 excludes low pressure type.

COMPLETE HOT WATER SYSTEMS(a)
(number)

Period	Electric: Storage—displacement type: Full mains pressure (654.11)	Electric: Storage—displacement type: Constant pressure (654.12)	Gas: Natural (654.24)	Gas: Other (654.25)	Solar (b) (654.28)
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
1984—					
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
July	20,008	1,536	7,188	1,820	4,156
August	24,409	1,624	9,814	1,277	4,458
September	21,470	1,492	8,664	2,743	4,210
October	24,719	1,479	8,173	1,752	4,713
November	21,348	1,448	10,369	2,057	4,994
December	11,808	1,032	6,663	1,547	2,949
1985—					
January	1,541	765	1,684	560	2,181
February	21,585	1,369	8,634	1,849	3,944
March	20,632	1,360	7,499	2,314	3,589
April	16,826	1,039	n.p.	1,850	2,416
May	18,278	1,470	n.p.	1,822	3,665
1983-84 : July to May	175,909	19,399	75,893	16,678	45,093
1984-85 : July to May	202,620	14,614	n.p.	19,591	41,275

COOKING STOVES, OVENS AND RANGES
(number)

Period	Cooking stoves, ovens and ranges—domestic types: Electric: Ranges(c) fixed and other (661.02)	Electric: Wall ovens (661.11)	Electric: Cooking tops (661.13)	Gas(d): Standard town (662.31)	Gas(d): Natural (662.34)	Gas(d): LP and TLP (662.26)	Total
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
1984—							
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
July	11,784	8,013	7,040	690	7,113	2,932	10,735
August	13,759	8,162	6,918	1,260	7,767	3,321	12,348
September	10,962	6,916	6,341	998	6,558	3,162	10,718
October	12,945	7,063	6,114	970	6,701	3,561	11,232
November	13,259	8,533	6,745	1,196	6,250	3,914	11,360
December	8,407	6,248	4,893	831	4,363	1,966	7,160
1985—							
January	6,934	4,202	3,408	418	2,521	1,123	4,062
February	10,892	7,478	6,500	1,182	6,401	2,931	10,514
March	11,652	7,663	6,460	1,182	6,136	2,679	9,997
April	10,647	6,736	6,222	779	5,039	2,901	8,719
May	12,992	8,055	6,784	1,095	7,118	3,030	11,243
1983-84 : July to May	126,329	60,313	54,184	13,271	56,805	30,749	100,825
1984-85 : July to May	124,233	79,069	67,425	10,601	65,967	31,520	108,088

(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*
(number)

Period	Non-domestic cooking stoves ovens and ranges: Electric (661.19)	Non-domestic cooking stoves ovens and ranges: Gas (662.49)
1981-82	3,860	3,150
1982-83	2,847	2,232
1983-84	2,101	n.p.
1984—		
March	235	n.p.
April	204	n.p.
May	241	n.p.
June	248	n.p.
July	187	n.p.
August	247	n.p.
September	233	n.p.
October	258	n.p.
November	211	n.p.
December	220	n.p.
1985—		
January	115	n.p.
February	191	n.p.
March	291	n.p.
April	237	n.p.
May	263	n.p.
1983-84 : July to May	1,853	n.p.
1984-85 : July to May	2,453	n.p.

SPACE HEATERS AND SOLAR COLLECTORS

Period	Space heaters(a): Gas fired warm air furnaces (651.28,29)	Space heaters(a): Gas fires and gas space heaters —all types (651.15)	Solar collectors(b) (654.84-87)
	— number —		sq.m.
1981-82	20,516	51,512	196,705
1982-83	18,867	68,999	198,476
1983-84	21,148	69,205	218,592
1984—			
March	1,783	8,089	16,410
April	2,084	7,236	8,839
May	3,104	11,447	17,040
June	2,674	8,938	15,902
July	2,868	8,153	18,508
August	2,194	4,651	19,254
September	1,911	1,928	16,784
October	1,679	3,954	22,669
November	1,360	4,279	21,089
December	1,559	3,364	12,958
1985—			
January	1,563	2,708	9,643
February	2,465	5,551	18,381
March	2,966	6,656	15,797
April	3,132	7,221	11,451
May	4,395	7,814	15,639
1983-84 : July to May	18,474	60,267	202,690
1984-85 : July to May	26,092	56,279	182,173

PLUMBING FIXTURES AND FITTINGS
(number)

Period	Sinks (incl. combination sinks): Pressed steel standard size-stainless(c) (671.14)	Laundry tubs: Pressed steel (enamelled, stainless or galvanised) (671.22)	Toilet cisterns(d): plastic (671.55)	Earthenware: Wash basins wall and pedestal (671.37)	Earthenware: Pans (closet) (671.41)
1981-82	(e)258,335	(f)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
1984—					
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
July	28,391	19,161	49,559	20,181	52,286
August	29,592	18,079	44,868	18,079	45,707
September	25,479	18,176	40,653	18,597	47,656
October	28,884	23,463	53,532	24,008	51,710
November	28,196	22,201	41,581	18,053	42,613
December	18,054	16,631	33,604	17,707	35,344
1985—					
January	8,166	6,504	32,897	9,567	21,626
February	24,424	15,920	42,412	21,883	42,479
March	21,896	21,310	44,937	24,452	45,870
April	19,131	13,654	35,251	19,961	41,899
May	26,808	19,990	38,927	27,663	48,105
1983-84 : July to May	237,400	182,012	418,093	190,632	439,515
1984-85 : July to May	259,021	195,089	458,221	220,151	475,295

(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) Excludes enamelled or galvanised sinks. (d) Excludes storage tanks for use with flusherette valves. (e) Prior to July 1982 includes enamelled sinks. (f) Prior to July 1982 comprises stainless steel laundry tubs only.

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