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PRODUCTION BULLETIN NO. 5 : BUILDING MATERIALS AND FITTINGS AUSTRALIA, OCTOBER 1983

PHONE INQUIRIES *for more information about these statistics—contact Sue Gumpich 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, 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, (Preliminary) 1981-82 (8365.0)

Manufacturing Commodities, Principal Articles Produced, Australia, 1979-80 and 1980-81 (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)

A. R. BAGNALL
Acting Australian Statistician

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BRICKS

Period	Clay									Concrete —standard size (475.21)
	N.S.W. and A.C.T.	Vic	Qld	S.A. and N.T. (472.01,03)	W.A.	Tas.	Australia			
							Original	Seasonally adjusted(a)		
1980-81	912	451	342	n.p.	382	n.p.	2,251	..	(b)78.0	
1981-82	872	445	376	n.p.	392	n.p.	2,221	..	(b)53.3	
1982-83	645	359	245	n.p.	277	n.p.	1,640	..	44.2	
1982—										
September	68.1	35.3	25.2	n.p.	23.2	n.p.	164	157	3.70	
October	60.6	32.9	21.8	n.p.	23.2	n.p.	149	146	4.10	
November	60.9	32.8	23.7	n.p.	27.8	n.p.	156	145	3.81	
December	42.7	27.6	18.1	n.p.	14.8	n.p.	107	115	3.36	
1983—										
January	20.1	5.7	11.4	n.p.	8.7	n.p.	47	70	2.12	
February	40.6	28.8	16.4	n.p.	19.9	n.p.	111	116	3.79	
March	53.3	33.5	20.2	n.p.	26.3	n.p.	145	130	4.02	
April	48.4	29.3	17.7	n.p.	23.4	n.p.	128	132	4.08	
May	54.4	32.5	20.6	n.p.	24.4	n.p.	144	134	4.02	
June	54.6	33.5	18.9	n.p.	22.3	n.p.	139	132	3.40	
July	54.3	33.1	18.7	n.p.	23.9	n.p.	142	140	3.98	
August	59.5	33.1	21.6	n.p.	21.3	n.p.	149	137	4.49	
September	58.7	32.7	20.6	n.p.	23.0	n.p.	147	141	4.02	
October	59.2	33.7	20.9	n.p.	22.5	n.p.	148	147	4.51	
1982-83: July to Oct.	270	135	98.1	n.p.	109.5	n.p.	662	..	15.6	
1983-84: July to Oct.	232	133	81.7	n.p.	90.7	n.p.	585	..	17.0	

TERRACOTTA AND CONCRETE ROOFING TILES

Period	Flat surface measure (c)						Concrete (475.32)
	N.S.W. and A.C.T.	Vic (472.15,475.32)	W.A.	Other States	Australia		
					Terracotta (472.15)		
1980-81	8,902	5,014	2,735	4,380	3,835	17,196	
1981-82	7,261	4,798	2,816	4,253	3,780	15,348	
1982-83	5,167	3,959	2,171	3,440	2,787	11,951	
1982—							
September	496	385	202	345	296	1,133	
October	407	344	181	291	244	980	
November	493	320	200	291	241	1,062	
December	337	246	121	203	180	727	
1983—							
January	140	97	90	80	64	344	
February	448	307	178	256	234	954	
March	483	406	196	317	254	1,148	
April	399	345	160	265	217	953	
May	471	422	196	318	242	1,164	
June	449	400	188	360	256	1,140	
July	494	394	155	327	239	1,130	
August	538	433	187	341	258	1,240	
September	526	386	185	372	192	1,276	
October	491	406	192	353	207	1,234	
1982-83: July to Oct.	1,947	1,417	841	1,351	1,098	4,459	
1983-84: July to Oct.	2,049	1,619	719	1,392	897	4,881	

(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.

PORTLAND CEMENT, MINERAL WOOL

Period	Portland cement		Bonded mineral wool(a)	
	Original (474.02)	Seasonally adjusted (b)	Glass texcl. sectional pipe insulation) (479.01)	Other texcl. sectional pipe insulation) (479.02)
			tonnes	tonnes
1980-81	5,734	..	15,057	10,335
1981-82	6,086	..	15,854	10,404
1982-83	5,076	..	15,638	11,173
1982—				
September	463	470	1,533	985
October	479	457	1,478	950
November	458	431	1,320	1,089
December	420	432	1,344	1,299
1983—				
January	268	407	840	365
February	389	401	1,096	764
March	429	405	1,409	1,077
April	348	342	979	776
May	389	364	1,408	1,069
June	421	416	1,442	982
July	410	376	1,429	884
August	419	406	1,430	1,145
September	450	447	1,614	997
October	433	418	1,403	1,000
1982-83 : July to Oct.	1,954	..	5,800	3,752
1983-84 : July to Oct.	1,712	..	5,876	4,026

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(e)			Decorative laminated —high pressure (425.01)	Profile sheet(f) (425.19)
	Original (336.12)	Seasonally adjusted(b)			
	* 000 cu.m			* 000 sq.m	
1980-81	702	..	7,807	(e)4,320	2,391
1981-82	685	..	8,849	(e)4,354	2,506
1982-83	591	..	7,646	3,578	2,436
1982—					
September	53.4	46.3	610	355	212
October	52.6	50.1	683	320	242
November	46.0	44.7	668	259	256
December	36.7	46.0	468	308	211
1983—					
January	16.7	46.3	213	84	67
February	56.7	52.0	630	278	246
March	63.0	51.3	732	269	229
April	46.4	49.6	724	332	170
May	52.9	51.3	782	327	216
June	57.1	51.2	710	369	204
July	51.8	49.4	645	359	215
August	61.5	50.6	764	319	244
September	56.7	54.4	895	409	285
October	59.8	55.2	928	387	234
1982-83 : July to Oct.	216	..	2,720	1,354	839
1983-84 : July to Oct.	230	..	3,231	1,473	977

(a) Includes rock, slag 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) Prior to July 1982 includes low pressure type. (f) Corrugated, etc. (including fibreglass reinforced).

PLASTER SHEETS, CONCRETE PRODUCTS AND SAWN TIMBER

Period	Plaster sheets (479.32.33) '000 sq. m	Concrete blocks(a) (475.27) million	Concrete box culverts (475.60) tonnes	Sawn Australian grown timber(b) (331.01-19) '000 cu. m
1980-81	61,132	88.9	120,036	3,308
1981-82	60,064	97.0	119,188	3,219
1982-83	49,882	82.0	115,059	2,962
1982—				
September	4,775	8.24	9,904	
October	4,435	7.65	8,758	
November	4,685	7.38	8,044	817
December	4,437	5.79	7,648	
1983—				
January	2,222	4.46	6,120	
February	3,741	6.76	10,443	637
March	4,433	6.88	13,011	
April	3,366	5.68	10,098	
May	4,188	6.56	11,275	769
June	4,800	6.57	10,299	
July	4,458	6.40	9,646	
August	5,361	7.31	7,817	701
September	4,484	7.60	7,210	
October	4,786	7.04	7,978	
1982-83 : July to Oct.	18,010	31.9	38,121	
1983-84 : July to Oct.	19,089	28.4	32,651	

READY MIXED CONCRETE(c)

Period	N.S.W.	Vic.	Qld.	S.A.	N.T. (475.90)	W.A.	Tas.	A.C.T.	Australia
	'000 cu. m								
1980-81	4,123	2,610	2,849	862	134	1,151	250	137	12,116
1981-82	4,320	2,708	3,586	859	157	1,246	227	179	13,283
1982-83	3,401	2,279	2,886	833	153	931	208	194	10,885
1982—									
September	303	204	304	60.2	14.1	87.0	18.8	16.5	1,007
October	322	209	280	75.0	15.0	82.4	18.1	16.6	1,019
November	346	205	256	77.4	14.4	83.1	18.8	19.6	1,020
December	287	184	223	66.7	11.5	64.9	17.6	18.6	873
1983—									
January	177	100	185	45.8	10.0	53.6	10.7	8.2	591
February	244	173	235	60.7	11.2	70.8	17.0	15.7	828
March	285	203	249	76.8	11.2	77.2	20.9	17.8	941
April	230	176	159	65.1	12.4	68.6	19.8	14.8	745
May	245	203	186	77.6	14.1	75.4	18.1	15.9	835
June	276	195	220	80.4	15.1	73.8	15.7	16.6	893
July	291	185	243	65.7	14.7	73.3	15.8	22.4	910
August	335	209	256	78.8	14.5	82.2	16.2	24.7	1,016
September	316	190	267	78.0	15.3	79.2	16.0	22.1	983
October	243	206	255	84.4	16.1	78.8	12.6	19.4	915
1982-83 : July to Oct.	1,311	841	1,173	283	53.3	363	69.6	66.5	4,159
1983-84 : July to Oct.	1,185	789	1,020	306	60.6	313	60.7	88.6	3,824

(a) Expressed in terms of 400 mm x 200 mm x 200 mm blocks. (b) Source: Forestry Branch, Department of Primary Industry. Expressed in terms of green off-saw volumes. (c) Reported 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 (h) (654.28)
	Storage— displacement type				
	Full mains pressure (654.11)	Constant pressure (654.12)	Natural (654.24)	Other (654.25)	
	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
1982—					
September	18,334	2,118	7,610	2,224	5,026
October	18,366	1,898	7,522	2,074	4,843
November	18,132	1,813	6,463	2,176	4,366
December	11,910	1,290	4,360	1,201	3,857
1983—					
January	2,689	786	828	365	2,249
February	14,560	1,678	5,805	1,268	3,593
March	13,707	1,971	5,286	1,444	3,593
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
1982-83 : July to Oct.	70,149	8,307	28,149	9,560	16,761
1983-84 : July to Oct.	69,927	9,007	32,851	n.p.	19,820

COOKING STOVES, OVENS AND RANGES

Cooking stoves, ovens and ranges—domestic types

Period	Electric			Gas(d)			Total
	Ranges(c) fixed and other (661.02)	Wall ovens (661.11)	Cooking tops (661.13)	Standard town (662.31)	Natural (662.34)	LP and TLP (662.26)	
	number						
1980-81	172,436	(e)89,912	79,470	(f)19,506	(f)54,962	(f)20,537	(f)95,005
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
1982—							
September	10,325	6,116	5,932	1,539	6,367	2,510	10,416
October	8,982	5,340	6,336	1,340	4,334	2,345	8,019
November	9,579	3,939	4,469	1,830	5,613	2,733	10,176
December	6,755	2,986	3,446	2,922	2,177	3,029	8,128
1983—							
January	1,612	519	496	n.p.	1,398	n.p.	2,175
February	7,610	2,550	3,313	n.p.	4,371	n.p.	6,855
March	9,905	3,487	3,801	n.p.	3,070	n.p.	6,471
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	4,477	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	1,228	6,011	3,010	10,249
October	12,427	5,526	4,973	976	3,986	4,223	9,185
1982-83 : July to Oct.	42,012	23,068	21,971	5,802	22,279	10,153	38,234
1983-84 : July to Oct.	49,636	22,080	18,839	4,680	21,064	12,712	38,456

(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 15 kW. (d) Gas stoves and ranges, upright or elevated (with oven) excludes cooking tops, hotplates, stoves, 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)		Solar collectors(b) (654.84-87)
	Electric (661.19)	Gas (662.49)	Gas fired warm air furnaces (651.28.29)	Gas fires and gas space heaters — all types (651.15)	
	number		sq. m.		
1980-81	4,610	3,344	21,484	60,304	(c)186,622
1981-82	3,860	3,150	20,516	51,512	196,705
1982-83	2,847	2,232	18,867	68,999	198,476
1982—					
September	258	224	1,268	4,167	21,041
October	270	261	650	2,574	19,965
November	279	260	579	1,559	24,878
December	209	244	1,390	2,449	19,936
1983—					
January	94	64	574	2,085	10,597
February	243	179	1,108	4,811	16,094
March	248	156	1,598	6,047	15,109
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	20,640
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
1982-83 July to Oct.	1,135	1,046	6,050	23,448	72,500
1983-84 July to Oct.	664	n.p.	8,017	17,925	91,367

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 cistern(s) plastic (671.55)	Wash basins wall and pedestal (671.37)	Pans (closet) (671.41)
	number				
1980-81	(f)253,125	(g)182,661	455,546	269,624	558,378
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
1982—					
September	18,995	13,273	41,892	19,947	55,571
October	19,513	13,576	39,894	17,119	52,055
November	18,573	12,097	34,020	14,898	44,567
December	16,105	12,188	31,924	13,959	36,022
1983—					
January	5,826	4,620	22,350	6,709	13,516
February	17,572	12,700	37,974	14,958	36,030
March	20,024	15,775	32,834	18,983	48,021
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
1982-83 July to Oct.	73,143	51,558	167,045	79,032	205,757
1983-84 July to Oct.	85,086	65,409	164,588	72,493	154,419

(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.