

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA, AUSTRALIA

PRODUCTION SUMMARY NO. 49 : BUILDING MATERIALS - SEPTEMBER 1971

The figures for 1968-69 are those recorded in the Annual Factory Census. All subsequent figures are derived from the recorded monthly production and are subject to revision. Production figures for Northern Territory and A.C.T. are included with S.A. and N.S.W. respectively. This summary contains seasonally adjusted statistics of clay bricks, in Table 1, page 1 and Portland cement in Table 5, page 5. 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 1971" (Ref. No. 1.10) issued on 2 July 1971.

TABLE 1. - BRICKS
(million)

Period	Bricks											Total bricks
	Clay							Silica Lime	Concrete			
	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia					
							Original Spec. Ad. (a)					
Code No.	472-01.03							479.43.47	475.21.23			
1968-69	642	419	134	117	274	24.9	1,612	..	41.6	40.2	1,694	
1969-70	680	r 438	142	131	284	21.6	r 1,697	..	50.3	r 44.1	1,801	
1970-71	678	433	160	139	240	19.2	1,669	..	68.9	r 48.2	1,786	
Months : 1970 August September October November December 1971 January February March April May June July August September	59.2	36.0	12.1	11.5	20.4	1.58	141	140	6.09	r 3.12	150	
	63.6	35.0	14.7	13.0	23.1	1.80	151	139	6.17	4.21	161	
	58.9	34.6	13.0	11.8	22.4	1.67	142	135	6.50	r 3.94	153	
	59.9	35.5	14.1	12.4	22.5	1.77	146	143	5.55	5.29	157	
	51.2	34.1	13.2	10.7	18.5	1.38	129	138	5.11	r 3.24	137	
	41.0	26.6	10.3	9.8	11.6	0.88	100	137	4.13	3.58	108	
	52.9	36.8	11.4	10.9	18.4	1.47	132	137	5.07	3.65	141	
	63.3	38.3	14.8	12.5	22.1	1.96	153	138	5.89	5.22	164	
	50.9	37.7	12.4	10.9	21.6	1.70	135	141	6.04	3.57	145	
	57.9	40.2	14.8	11.9	20.5	1.73	147	143	6.44	4.58	158	
	60.9	39.7	16.4	12.6	19.7	1.54	151	146	6.02	3.96	161	
	61.4	38.6	15.9	13.7	20.1	1.68	151	144	6.90	4.19	163	
	64.5	37.3	17.1	13.9	19.8	1.83	154	146	7.03	3.70	165	
	60.0	37.9	16.8	12.4	17.5	1.84	146	138	7.25	4.65	158	
	3 months ended September 1971	186	114	49.8	40.0	57.5	5.35	452	..	21.2	12.6	486
	3 months ended September 1970	181	109	39.3	35.7	63.0	5.15	433	..	18.2	11.2	463

(a) See note at top of page.

r - Revised

Reference No. 12.16.49



TABLE 2. - CONCRETE PRODUCTS : BLOCKS AND PIPES : ROOFING TILES (QUANTITY AND AREA)

Period	Code No.	Concrete blocks (in terms of 16"x8"x8")	Concrete pipes other than agricultural	Concrete roofing tiles					
				Quantity produced			Equivalent flat surface measure		
				Vic.	Other States	Australia	Vic.	Other States	Australia
		475.27	475.46	475.30			475.32		
		million	tons	- '000 -			- hundred sq ft -		
1968-69	r	54.0	r 734,612	37,980	78,247	116,227	r 345,029	663,663	1,008,692
1969-70	r	63.4	r 740,684	41,190	89,571	130,761	r 498,571	912,207	1,410,778
1970-71	r	65.3	r 722,832	40,664	86,720	127,384	r 367,983	892,208	1,260,191
Months : 1970 August	r	5.65	64,905	3,304	6,816	10,120	30,018	69,684	99,702
September	r	5.87	72,834	3,445	7,344	10,789	31,071	75,069	106,140
October		6.20	r 65,222	3,454	7,252	10,706	31,403	74,698	106,101
November		6.05	65,711	3,858	7,521	11,379	34,882	77,387	112,269
December	r	4.94	46,928	2,805	6,298	9,103	25,525	64,604	90,129
1971 January		3.89	39,927	2,003	5,144	7,147	18,835	52,659	71,494
February		4.92	58,223	2,852	6,376	9,228	25,827	68,009	93,836
March		5.36	60,946	3,785	8,577	12,362	33,960	88,091	122,051
April		5.43	53,020	3,916	6,935	10,851	35,145	71,249	106,394
May		5.31	64,177	3,732	8,031	11,763	33,758	82,668	116,426
June		5.53	59,779	3,474	8,290	11,764	31,429	84,917	116,346
July		5.91	62,580	3,764	7,919	11,683	34,356	81,388	115,744
August		5.96	63,109	3,675	7,798	11,473	33,353	80,061	113,414
September		6.01	65,377	3,939	8,385	12,324	35,179	84,616	119,795
3 months ended September 1971		17.9	191,066	11,378	24,102	35,480	102,888	246,065	348,953
3 months ended September 1970		17.7	208,899	10,785	22,296	33,081	97,219	227,926	325,145

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Reference No. 12.16.49

TABLE 3. - TERRACOTTA ROOFING TILES (QUANTITY AND AREA)

Period	Quantity produced			Equivalent flat surface measure		
	Vic.	Other States	Australia	Vic.	Other States	Australia
	Code No.	472.12		472.15		
		- '000 -		- hundred sq ft -		
1968-69	14,487	35,469	49,956	109,936	273,310	383,246
1969-70	15,056	37,712	52,768	123,562	291,522	415,084
1970-71	15,001	35,946	50,947	115,852	279,359	395,211
Months : 1970 August	1,262	2,997	4,249	10,012	23,144	33,156
September	1,362	3,659	5,021	10,505	28,596	39,101
October	1,323	2,899	4,222	10,656	22,328	32,984
November	1,264	2,963	4,227	9,698	23,012	32,710
December	1,235	2,540	3,775	9,510	19,448	28,958
1971 January	670	1,915	2,585	5,120	14,498	19,618
February	1,217	2,883	4,100	9,292	22,474	31,766
March	1,369	3,455	4,824	10,453	27,140	37,593
April	1,158	2,652	3,810	8,875	20,718	29,593
May	1,332	3,130	4,462	10,147	24,408	34,555
June	1,398	3,566	4,964	10,627	27,823	38,450
July	1,373	3,198	4,571	10,361	25,159	35,520
August	1,321	2,917	4,238	9,999	22,672	32,671
September	1,576	3,310	4,886	11,945	25,748	37,693
3 months ended September 1971	4,270	9,425	13,695	32,305	73,579	105,884
3 months ended September 1970	4,035	9,943	13,978	31,474	77,510	108,984

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TABLE 4. - TOTAL ROOFING TILES (TERRACOTTA AND CONCRETE) - (QUANTITY AND AREA)

Period	Code No.	Quantity produced				Equivalent surface measure			
		N.S.W.	Vic.	Other States	Australia	N.S.W.	Vic.	Other States	Australia
		472.12; 475.30				472.15; 475.32			
		- '000 -				- hundred sq ft -			
1968-69		56,322	52,467	57,394	166,183	530,988	454,965	405,985	1,391,938
1969-70		63,479	56,246	63,804	183,529	602,039	622,133	601,690	1,825,862
1970-71		61,540	55,665	61,126	178,331	586,898	483,835	584,669	1,655,402
Months : 1970									
August		5,184	4,566	4,619	14,369	49,120	40,030	43,708	132,858
September		5,591	4,807	5,412	15,810	52,737	41,576	50,928	145,241
October		4,921	4,777	5,230	14,928	46,514	42,059	50,512	139,085
November		5,361	5,122	5,123	15,606	51,138	44,580	49,261	144,979
December		4,488	4,040	4,350	12,878	42,545	35,035	41,507	119,087
1971									
January		3,574	2,673	3,485	9,732	33,683	23,955	33,474	91,112
February		4,273	4,069	4,986	13,328	42,776	35,119	47,707	125,602
March		6,120	5,154	5,906	17,186	58,353	44,413	56,878	159,644
April		4,917	5,074	4,670	14,661	47,005	44,020	44,962	135,987
May		5,640	5,064	5,521	16,225	53,875	43,905	53,201	150,981
June		5,734	4,872	6,122	16,728	54,358	42,056	58,382	154,796
July		5,187	5,137	5,930	16,254	49,693	44,717	56,854	151,264
August		5,066	4,996	5,649	15,711	47,819	43,352	54,914	146,085
September		6,201	5,515	5,494	17,210	57,874	47,124	52,490	157,488
3 months ended September									
1971		16,454	15,648	17,073	49,175	155,386	135,193	164,258	454,837
3 months ended September									
1970		16,506	14,820	15,733	47,059	156,651	128,693	148,785	434,129

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TABLE 5. - CEMENT, MINERAL WOOL AND PLASTER OF PARIS.

Period	Portland cement		Mineral wool (incl. rock, slag and glass wool etc.)		Plaster of Paris			
	Original	Seasonally adjusted (a)	Bonded wool(excl. sectional pipe insulation)	Loose and granulated wool for sale as such	Vic.	W.A.	Other States	Australia
Code No.	474.02		479.01,02	479.03,04	479.22			
	- '000 tons -				- tons -			
1968-69	4,075	..	19,424	8,216	131,930	29,316	120,491	281,737
1969-70	4,439	..	17,880	7,516	131,243	32,951	138,374	302,568
1970-71	4,611	..	18,513	8,415	130,181	28,887	145,044	304,112
Months : 1970 August	401	380	1,504	590	10,297	2,213	11,699	24,209
September	391	373	1,683	669	12,080	2,241	12,926	27,247
October	415	380	1,722	752	11,241	2,629	12,625	26,495
November	417	394	1,553	604	12,310	2,444	13,228	27,982
December	337	387	1,624	942	10,745	2,304	12,306	25,355
1971 January	304	397	858	494	5,649	1,471	6,435	13,555
February	336	356	1,407	743	10,491	2,670	9,426	22,587
March	402	390	1,838	925	11,656	2,971	14,523	29,150
April	370	375	1,379	598	11,061	2,245	11,653	24,959
May	417	390	1,452	568	11,308	2,423	12,751	26,482
June	403	410	1,833	803	11,751	2,639	14,359	28,749
July	r 416	r 386	1,826	789	11,024	2,580	12,727	26,331
August	368	348	1,732	868	11,157	2,872	12,758	26,787
September	395	377	1,798	873	12,337	2,739	14,396	29,472
3 months ended September 1971	1,179	..	5,356	2,530	34,518	8,191	39,881	82,590
3 months ended September 1970	1,209	..	4,847	1,986	33,969	7,091	37,738	78,798

(a) See note at top of page 1.

r - Revised

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TABLE 6. - LIGNOCELLULOSE BOARDS AND SHEETS AND PLASTICS BUILDING MATERIALS
('000 sq ft)

Period	Code No.	Lignocellulose boards and sheets (a)			Plastics building materials	
		Total manufactured (b)		Total converted to acoustic tiles, panel and boards	Decorative laminated	Profile sheet (d)
		Particle board (resin bonded) - $\frac{3}{4}$ " basis (c)	Softboard & strawboard			
		336.12	336.11,15	336.51-59	425.01,03	425.17,18
1968-69		(e)	26,124	3,013	27,997	13,884
1969-70		(e)	27,333	3,921	30,686	15,600
1970-71		158,508	28,698	3,737	24,281	12,802
Months : 1970 August		13,345	2,706	343	2,037	1,086
September		13,945	3,243	326	2,219	1,439
October		13,403	2,207	297	2,205	1,268
November		13,530	2,413	335	2,076	887
December		12,094	2,555	421	2,006	997
1971 January		8,887	1,057	121	817	522
February		13,676	1,946	363	2,095	709
March		15,254	2,673	282	2,972	1,082
April		12,645	2,326	273	1,814	1,041
May		13,428	2,618	223	1,747	1,124
June		14,432	2,211	333	2,041	1,216
July		12,998	2,593	322	2,369	1,287
August		12,572	2,184	273	2,311	1,672
September		13,433	3,195	360	2,841	1,367
3 months ended September 1971		39,003	7,972	955	7,520	4,326
3 months ended September 1970		41,158	8,692	1,089	6,507	3,957

(a) Excludes hardboard. (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) Excludes wood wool board (cement bonded). (d) Corrugated etc., (including fibreglass reinforced). (e) Not collected on $\frac{3}{4}$ " basis prior to July 1970.

TABLE 7. - SAWN TIMBER, ASBESTOS CEMENT SHEETS, METAL ACOUSTIC TILES AND PLASTER ACOUSTIC TILES

Period	Code No.	Sawn Australian grown tim- ber (a)	Asbestos cement sheets (b)	Metal ceiling acoustic tiles, panels and sheets	Plaster acoustic tiles				
					N.S.W.	S.A.	W.A.	Other States	Australia
		331.01-18 28-44	475.04,06,07, 85	461.05	479.34				
		Mill. sup ft			- '000 sq yd -				
1968-69		1,447	38,049	253	114	130	23.6	169	437
1969-70		1,483	42,120	r 216	117	148	35.9	184	485
1970-71	r	1,457	40,240	175	116	156	57.4	147	477
Months : 1970									
August		127	3,292	8.8	11.2	17.6	7.76	12.7	49.2
September		127	4,407	18.7	10.5	18.2	4.69	14.2	47.6
October		132	2,619	18.2	7.9	19.2	5.60	14.8	47.6
November		132	3,238	17.7	9.2	15.3	7.04	10.5	42.0
December		114	3,778	15.0	7.1	11.1	4.75	9.8	32.8
1971									
January		78	998	5.6	6.0	6.1	3.22	8.5	23.9
February		99	3,786	15.1	7.9	16.2	3.80	15.7	43.6
March		120	3,448	16.4	9.1	10.5	6.62	11.8	38.0
April		122	3,342	12.5	11.7	7.4	3.86	11.3	34.3
May		132	3,098	17.9	11.4	6.9	1.94	11.7	32.0
June	r	146	4,296	18.9	12.0	8.6	3.20	14.1	37.9
July	r	128	3,519	20.1	12.1	10.3	3.33	11.0	36.7
August		126	4,219	29.0	13.1	12.0	4.39	10.0	39.4
September			4,086	21.9	11.2	14.0	5.16	10.7	41.0
3 months ended September									
1971			11,824	71.0	36.3	36.3	12.9	31.7	117
3 months ended September									
1970		383	11,636	37.6	33.9	55.1	17.4	38.5	145

(a) Monthly figures supplied by Commonwealth Forestry and Timber Bureau and Victorian Forests Commission. (b) Includes original manufacture of flat, corrugated, moulded and grooved sheets but excludes bullnosed.

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Reference No. 12.16.49

TABLE 8. - PLASTER SHEETS - NON-ACOUSTIC : STATES

('000 sq yd)

Period		N.S.W. and Qld	Vic.	S.A.	W.A.	Tas.	Australia
Code No.		479.32,33					
1968-69		14,954	15,431	2,567	2,039	319	35,310
1969-70		17,312	r 15,862	4,039	2,150	230	r 39,594
1970-71		17,798	16,454	4,811	1,866	171	41,100
Months : 1970	August	1,496	1,236	398	135	17	3,282
	September	1,494	1,490	451	150	13	3,598
	October	1,577	1,511	361	140	14	3,602
	November	1,538	1,487	468	148	17	3,657
	December	1,546	1,269	352	(a)	(a)	3,313
	1971 January	868	687	197	(a)	(a)	1,881
	February	1,133	1,309	341	174	15	2,972
	March	1,771	1,539	473	185	16	3,984
	April	1,424	1,396	390	172	12	3,394
	May	1,626	1,484	440	170	16	3,736
	June	1,705	1,575	569	183	11	4,043
	July	1,625	1,446	416	172	13	3,672
	August	1,651	1,577	347	167	12	r 3,754
	September	1,914	1,948	364	164	13	4,402
3 months ended September 1971		5,189	4,971	1,127	503	38	11,828
3 months ended September 1970		4,611	4,197	1,220	441	48	10,517

(a) Not available for publication.

r - Revised

TABLE 9. - READY MIXED CONCRETE (a)

('000 cu yd)

Period	N.S.W.	Vic.	Qld	S.A. and N.T.	W.A.	Tas.	A.C.T.	Australia
	Code No.	475.90						
1968-69	3,266	2,314	958	694	971	232	277	8,712
1969-70	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
1970-71	3,908	r 3,323	1,309	1,211	1,272	257	296	r 11,575
Months : 1970 August	345	r 291	98	80.5	113	21.5	24.3	r 974
September	323	306	108	109.8	110	24.4	24.0	1,005
October	361	327	114	123.3	111	23.9	27.6	1,089
November	344	290	104	118.1	101	21.4	26.2	1,005
December	301	r 266	85	98.5	98	20.3	15.8	r 885
1971 January	242	191	75	85.8	79	12.7	21.6	707
February	288	269	78	97.2	95	20.6	19.7	867
March	397	320	127	116.9	115	22.9	29.3	1,128
April	317	131	121	87.0	111	20.9	25.1	814
May	293	304	146	98.9	117	21.2	27.2	1,008
June	342	281	149	104.3	116	21.7	25.9	1,040
July	382	308	145	108.5	123	23.0	20.9	1,110
August	252	258	135	102.4	121	21.8	28.2	919
September	402	292	135	106.9	115	24.2	27.9	1,104
3 months ended September 1971	1,036	858	415	318	358	69.0	77.0	3,132
3 months ended September 1970	1,022	944	309	281	329	72.0	77.2	3,034

(a) Reported production of ready mixed concrete for sale as such. Excludes production used, or for use, in the same establishment. (b) Not collected on monthly basis prior to July 1970.

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

r - Revised

J. G. MILLER

CANBERRA. A.C.T. 2600 22 NOVEMBER 1971

ACTING COMMONWEALTH STATISTICIAN

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 490211 extension 322 or, in each State capital, by telephoning the office of the Deputy Commonwealth Statistician.

Reference No. 12.16.49