

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA, AUSTRALIA

PRODUCTION SUMMARY NO. 49 : BUILDING MATERIALS - JULY 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								Silica Line	Concrete	Total bricks	
	Clay											
	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Australia					
							Original	Seas.Adj.(a)				
Code No.	472-01,03							479.45.47	475.21.23			
1968-69	642	419	134	117	274	24.9	1,612	..	41.6	r40.2	1,694	
1969-70	680	437	142	131	284	21.6	1,696	..	59.3	43.8	1,800	
1970-71	678	433	160	139	240	19.2	1,669	..	68.9	48.3	1,786	
Months : 1970 June July August September October November December 1971 January February March April May June July	58.3	36.9	13.5	11.4	19.8	1.95	142	139	5.31	3.07	150	
	58.3	38.2	12.4	11.3	19.5	1.77	142	132	5.92	3.94	151	
	59.2	36.0	12.1	11.5	20.4	1.58	141	140	6.09	3.16	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	3.93	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	3.23	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	

(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		553.7	734,612	37,980	78,247	116,227	345,029	663,663	1,008,692
1969-70		62.9	735,820	41,190	89,571	130,761	375,061	912,207	1,287,268
1970-71		64.8	721,637	40,664	86,720	127,384	367,983	892,208	1,260,191
Months : 1970									
June		5.29	65,094	3,811	7,680	11,491	34,354	77,243	111,597
July		6.03	71,160	4,036	8,136	12,172	36,130	83,173	119,303
August		5.48	64,905	3,304	6,816	10,120	30,018	69,684	99,702
September		5.65	72,834	3,445	7,344	10,789	31,071	75,069	106,140
October		6.20	64,027	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		4.93	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		5.38	62,580	3,764	7,919	11,683	34,356	81,388	115,744

(a) Not collected on a monthly basis prior to July 1969.

r - Revised

Reference No. 12.16.49

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

Period	Code No.	Quantity produced			Equivalent flat surface measure		
		Vic.	Other States	Australia	Vic.	Other States	Australia
		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 June	1,405	3,019	4,424	10,907	23,492	34,399
	July	1,411	3,297	4,708	10,957	25,770	36,727
	August	1,262	2,987	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

r - Revised

Reference No. 12.16.49

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

Period		Quantity produced				Equivalent surface measure			
		N.S.W.	Vic.	Other States	Australia	N.S.W.	Vic.	Other States	Australia
Code No.		472.12; 475.30				472.15; 475.32			
		- '000 -				- hundred sq ft -			
1968-69		r 56,322	52,467	r57,394	r166,183	r530,988	454,965	r405,985	r1,391,938
1969-70		63,479	56,246	63,804	183,529	602,039	498,623	601,690	1,702,352
1970-71		61,540	55,665	61,126	178,331	586,898	483,835	584,669	1,655,402
Months :	1970 June	5,474	5,216	5,225	15,915	51,213	45,261	49,522	145,996
	July	5,731	5,447	5,702	16,880	54,794	47,087	54,149	156,030
	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	6,126	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

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Reference No. 12.16.49

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

Period	Portland cement				Mineral wool (incl. rock, slag, and glass wool etc.)				Plaster of Paris					
	H.S.W.	Other States	Australia		Bonded (excl. sectional pipe insulation)		Loose and gra- mulated for sale as such		Vic.	W.A.	Other States	Australia		
			Original	Season- ally adjusted (a)	Glass wool	Other	Glass wool	Other						
Code No.	474.02				479.01	479.02	479.03	479.04	479.22					
	- '000 tons -				- tons -									
1968-69	1,215	2,860	4,075	..	19,424		8,216	131,930	29,316	120,491		281,737		
1969-70	1,403	3,036	4,439	..	17,880		7,516	131,243	32,951	137,874		302,068		
1970-71	1,458	3,153	4,611	..	18,513		8,415	130,181	28,887	145,044		304,112		
Months : 1970	June	129	250	379	385	1,387		455	10,668	2,068	11,052	23,788		
	July	145	273	418	388	1,660		727	11,592	2,637	13,113	27,342		
	August	136	265	401	380	1,504		590	10,297	2,213	11,699	24,209		
	September	126	264	391	373	1,683		669	12,080	2,241	12,926	27,247		
	October	128	287	415	380	1,722		752	11,241	2,629	12,625	26,495		
	November	141	275	417	394	1,553		604	12,310	2,444	13,228	27,982		
	December	102	234	337	387	1,624		942	10,745	2,304	12,306	25,355		
	1971	January	93	212	304	397	858		494	5,649	1,471	6,435	13,555	
		February	103	233	336	356	1,407		743	10,491	2,670	9,426	22,587	
		March	125	278	402	390	1,838		925	11,656	2,971	14,523	29,150	
		April	111	259	370	375	1,379		598	11,061	2,245	11,653	24,959	
		May	128	289	417	390	1,452		568	11,308	2,423	12,751	26,482	
		June	119	284	403	410	1,833		803	11,751	2,639	14,359	28,749	
		July	139	287	426	396	1,421	561	266	367	11,024	2,580	12,727	26,331

(a) See note at top of page 1.

Reference No. 12.16.49

TABLE 6. - LIGNOCELLULOSE BOARDS AND SHEETS AND PLASTICS BUILDING MATERIALS
(1000 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	r27,997	r13,884
1969-70		(e)	27,333	3,921	r30,686	15,600
1970-71		158,508	28,698	3,737	24,281	12,802
Months : 1970 June		(e)	2,062	354	r2,295	1,353
July		13,869	2,743	420	2,251	1,432
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	2,268	1,287

(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.

r - Revised

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	r38,049	r253	r114	130	23.6	r169	r437
1969-70		1,483	42,120	215	117	148	35.9	184	485
1970-71		r1,456	40,240	175	116	156	57.4	147	477
Months : 1970 June		135	4,327	16.4	8.9	15.3	4.48	14.9	43.6
July		129	3,937	10.1	12.3	19.2	4.93	11.7	48.1
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		r132	3,098	17.9	11.4	6.9	1.94	11.7	32.0
June		145	4,296	18.9	12.0	8.6	3.20	14.1	37.9
July		125	3,519	20.1	12.1	10.3	3.33	11.0	36.7

(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.

r - Revised

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		r14,954	15,431	2,567	2,039	319	r35,310
1969-70		17,312	15,863	4,039	2,150	230	39,595
1970-71		17,798	16,454	4,811	1,866	171	41,100
Months :	1970 June	1,322	1,264	337	159	19	3,101
	July	1,622	1,471	371	156	18	3,637
	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	1,441	416	172	13	3,666

(a) Not available for publication.

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	3,234	1,309	1,211	1,272	257	296	11,487
Months :									
1970 June		(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
July		354	301	103	90.3	106	26.1	29.0	1,010
August		345	275	98	80.5	113	21.5	24.3	957
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	239	85	98.5	98	20.3	15.8	858
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

(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

CANBERRA, A.C.T. 2600 21 SEPTEMBER 1971

J.P. O'NEILL
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