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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA, AUSTRALIA

PRODUCTION SUMMARY NO. 49 : BUILDING MATERIALS - NOVEMBER 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										
	Clay							Silica Lime	Concrete	Total bricks	
	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	40.2	1,694
1969-70	680	438	142	131	284	21.6	1,697	..	59.3	44.1	1,801
1970-71	678	433	160	139	240	19.2	1,669	..	68.9	48.2	1,736
Months : 1970 October November December 1971 January February March April May June July August September October November	58.9	34.6	13.0	11.8	22.4	1.67	142	135	6.50	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	15.2	10.7	18.5	1.38	129	138	5.11	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	145	138	7.25	4.65	158
	59.1	38.4	16.1	13.0	20.3	1.73	149	147	5.71	4.76	159
64.1	38.3	18.0	14.4	20.3	2.31	157	145	7.12	3.93	168	
5 months ended November 1971	309	190	83.9	67.3	98.0	9.40	758	..	34.0	21.2	813
5 months ended November 1970	300	179	66.3	59.9	107.8	8.58	722	..	30.2	20.5	772

(a) See note at top of page.

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		54.0	734,612	37,980	78,247	116,227	345,029	663,663	1,008,692
1969-70		63.4	740,684	41,190	89,571	130,761	498,571	912,207	1,410,778
1970-71		65.3	722,832	40,664	86,720	127,384	367,983	892,208	1,260,191
Months : 1970									
October		6.20	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		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		5.92	62,580	3,764	7,919	11,683	34,356	81,388	115,744
August		5.98	63,109	3,675	7,798	11,473	33,353	80,061	113,414
September		6.02	65,377	3,939	8,385	12,324	35,179	84,616	119,795
October		5.96	65,102	4,175	8,039	12,214	37,434	82,723	120,157
November		6.54	71,786	3,924	9,222	13,146	35,592	94,576	130,168
5 months ended									
November 1971		30.4	327,954	19,477	41,363	60,840	175,914	423,364	599,278
5 months ended									
November 1970		30.0	339,832	18,097	37,069	55,166	163,504	380,011	543,515

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	301,522	415,084
1970-71	15,001	35,946	50,947	115,852	279,359	395,211
Months : 1970						
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
October	1,298	2,756	4,054	9,933	21,351	31,284
November	1,383	2,938	4,321	10,259	22,621	32,880
5 months ended November 1971	6,951	15,119	22,070	52,497	117,551	170,048
5 months ended November 1970	6,622	15,805	22,427	51,828	122,850	174,678

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	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 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
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
October	5,427	5,473	5,368	16,268	52,097	47,367	51,977	151,441
November	6,374	5,307	5,786	17,467	61,170	45,851	56,027	163,048
5 months ended November 1971	23,255	26,428	28,227	82,910	268,653	228,411	272,262	769,326
5 months ended November 1970	26,788	24,719	26,086	77,593	254,303	215,332	248,558	718,193

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	479.05,04	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 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	416	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
October	436	401	1,589	867	11,864	2,465	13,324	27,653
November	430	403	1,814	765	12,030	2,701	10,209	24,940
5 months ended November 1971	2,045	..	3,759	4,162	58,412	13,357	63,414	135,183
5 months ended November 1970	2,041	..	8,122	3,342	57,520	12,164	63,591	133,275

(a) See note at top of page 1.

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	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	12,805
Months : 1970	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	1,999
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	1,572
	September	13,433	3,195	360	2,841	1,367
	October	13,090	2,204	307	2,605	1,356
	November	13,859	2,380	234	2,260	1,271
5 months ended November 1971		65,952	12,555	1,496	12,386	6,953
5 months ended November 1970		68,091	13,312	1,721	10,788	6,112

(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

Reference No. 12.16.49

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
		331.01-25	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	216	117	148	35.9	184	485
1970-71		1,457	40,240	r173	116	156	57.4	147	477
Months : 1970									
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	r16.0	11.4	6.9	1.94	11.7	32.0
June		146	4,296	18.9	12.0	8.6	3.20	14.1	37.9
July		128	3,519	20.1	12.1	10.3	3.33	11.0	36.7
August		r131	4,219	20.1	13.1	12.0	4.39	10.0	39.4
September		r132	4,086	21.9	11.2	14.0	5.16	10.7	41.0
October		134	3,275	20.4	11.4	13.4	4.92	9.1	38.9
November		n.a.	3,782	21.2	10.4	15.1	5.80	11.2	42.5
5 months ended									
November 1971		n.a.	18,881	103.8	58.1	64.8	23.6	52.1	199
5 months ended									
November 1970		646	17,493	73.4	51.0	89.5	30.0	63.9	234

(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.

n.a. - Not yet available.

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	14,954	15,431	2,567	2,039	319	35,310
1969-70	17,312	15,862	4,039	2,150	230	39,594
1970-71	17,798	16,454	4,811	1,866	171	41,100
Months : 1970 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	3,594
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	3,754
September	1,914	1,948	364	154	13	4,402
October	1,741	1,526	396	233	16	3,918
November	1,233	1,584	457	235	12	3,520
5 months ended November 1971	8,163	8,081	1,980	976	66	19,267
5 months ended November 1970	7,725	7,194	2,048	730	79	17,777

(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		4,018	3,323	1,309	1,211	1,272	257	296	11,685	
Months : 1970	October	386	327	114	123	111	23.9	27.6	1,113	
	November	365	290	104	118	101	21.4	26.2	1,025	
	December	298	266	85	99	98	20.3	15.8	881	
	1971	January	251	191	75	86	79	12.7	21.6	716
		February	285	269	78	97	95	20.6	19.7	864
		March	392	320	127	117	115	22.9	29.3	1,122
		April	317	131	121	87	111	20.9	25.1	814
		May	293	304	146	99	117	21.2	27.2	1,008
		June	343	281	149	104	116	21.7	25.9	1,041
		July	382	308	145	109	123	23.0	20.9	1,110
		August	252	258	135	102	121	21.8	28.2	919
		September	402	292	135	107	115	24.2	27.9	1,104
		October	399	264	145	123	114	21.2	24.9	1,092
		November	415	250	187	122	113	23.5	29.9	1,140
		5 months ended November 1971		1,850	1,372	747	563	586	114	132
5 months ended November 1970		1,838	1,561	528	522	541	117	131	5,238	

(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.
r - Revised

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA. A.C.T. 2600

26 JANUARY 1972

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