



INQUIRIES

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PRODUCTION BULLETIN NO. 6: CHEMICALS AND BY-PRODUCTS
MARCH 1977

EXPLANATORY NOTES

This bulletin is one of a series of eight new publications containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 7 below. These new publications replace the *Production Summaries* series (Reference No. 12.16) (see Appendix) and the publication *Production Statistics* (Reference No. 12.14) issued previously.

2. Data contained in this bulletin 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.

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.

4. As from July 1975 production statistics collected by ABS exclude production of single establishment manufacturing enterprise 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. An indication of the approximate magnitude of the break in comparability may be obtained by comparing annual data for 1974-75 which are shown in this publication on both the old and the new basis.

5. Annual figures shown in this publication 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.

6. This bulletin 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. The seasonally adjusted figures have

been revised following annual reanalysis. Details of the methods used in seasonally adjusting this and other series are given in *Seasonally Adjusted Indicators 1976* (Reference No. 1.10).

7. Other ABS publications which may be of interest are:

Production Bulletin No. 1: Electricity, Gas and Electrical Goods (Reference No. 12.39)

Production Bulletin No. 2: Clothing and Footwear (Reference No. 12.40)

Production Bulletin No. 3: Food, Drink and Tobacco (Reference No. 12.41)

Production Bulletin No. 4: Textiles, Bedding and Floor Coverings (Reference No. 12.42)

Production Bulletin No. 5: Building Materials (Reference No. 12.43)

Production Bulletin No. 7: Motor Vehicles, Parts and Accessories (Reference No. 12.45)

Production Bulletin No. 8: Miscellaneous Products (Reference No. 12.46)

Principal Articles Produced (Reference No. 12.26)

All publications produced by the ABS are listed in *Publications of the Australian Bureau of Statistics* (Reference No. 1.8) which is available free of charge from any ABS office.

Symbols and Other Usages

- a Not available for publication. Figures are confidential
- Not applicable.
- Break in continuity of Series (where drawn across a column)
- * Excludes the production of certain small producers. See paragraph 4.

R. J. CAMERON
Australian Statistician

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CHEMICALS AND ACIDS

Period	Acids (in terms of 100% acid)						Sulphate of ammonia (405.36)	Super-phosphate (c)
	Hydro-chloric (401.29)	Nitric (401.37)	Sulphuric		Chlorine (405.82)	Sodium Hydroxide (100%) (caustic soda) (407.88)		
			Original (401.57)	Seas ad. (b)				
	tonnes	tonnes	- '000 tonnes -		tonnes	tonnes	tonnes	'000 tonnes
1973-74	41,385	183,052	2,428	..	111,220	139,220	244,045	5,318
1974-75	42,819	173,970	1,770	..	109,302	139,206	266,483	3,309
1974-75*	42,819	173,970	1,770	..	109,302	139,206	266,483	3,309
1975-76	46,958	147,559	1,295	..	113,326	137,238	219,764	2,185
1976 -								
February	3,428	10,467	135	124	8,980	11,247	14,278	266
March	4,569	12,172	153	155	11,345	13,478	16,305	334
April	3,455	11,062	161	146	10,217	11,293	16,185	311
May	2,249	6,339	102	97	8,266	9,802	18,451	229
June	4,623	10,330	107	119	9,860	12,713	17,261	333
July	4,550	14,692	108	138	9,830	11,664	16,440	120
August	4,330	13,661	106	120	9,106	10,980	17,701	164
September	5,643	18,418	130	135	9,528	11,618	18,552	217
October	4,042	13,387	136	133	9,726	11,542	15,237	313
November	3,715	15,675	147	143	7,447	9,109	13,933	251
December	3,020	20,287	168	151	7,805	9,367	20,276	259
1977 -								
January	4,018	5,958	143	132	7,571	8,990	18,739	267
February	4,924	11,713	139	131	9,998	11,715	15,607	284
March	4,339	17,564	143	143	8,616	10,263	14,748	322
1975-76 : July to Mar.	35,631	119,628	925	..	84,983	103,430	167,867	1,512
1976-77 : July to Mar.	38,581	131,355	1,221	..	79,627	95,248	151,233	2,198

PLASTICISERS AND PLASTICS AND SYNTHETIC RESINS

	Plastics and synthetic resins For moulding, extrusion, laminating, calendaring, etc.						
Period	Plasticisers (407.02-08)	Phenolic (403.52)	Polyesters	Polyethylene (403.65)	Ureas and melamines (403.82)	Other (d) (e)	Total
1973-74	24,511	7,822	17,590	- Tonnes - 122,805	4,120	150,879	303,216
1974-75	21,347	6,545	14,085	126,908	2,948	127,737	278,223
1974-75*	21,347	6,545	14,085	126,908	2,948	127,737	278,223
1975-76	22,653	6,889	18,195	119,495	3,060	161,552	309,191
1976 -							
February	2,008	714	1,525	10,521	265	12,951	25,976
March	2,527	629	1,765	11,343	243	15,287	29,267
April	1,698	609	1,786	9,349	255	14,997	26,996
May	1,338	714	1,672	10,327	289	15,238	28,240
June	2,226	740	1,589	11,321	290	15,701	29,641
July	2,151	788	1,516	13,029	239	13,792	29,364
August	1,663	816	1,761	13,899	243	14,565	31,284
September	2,452	705	1,460	15,995	295	16,683	35,138
October	1,990	722	1,788	13,006	246	13,883	29,645
November	2,081	789	1,906	13,735	243	13,796	30,469
December	2,135	628	1,747	14,051	245	10,214	26,885
1977 -							
January	1,531	241	747	12,372	102	9,474	22,936
February	1,630	617	1,578	14,343	270	14,863	31,671
March	2,162	777	1,705	13,689	252	15,545	31,968
1975-76 : July to Mar.	17,391	4,826	13,148	88,498	2,226	115,616	224,314
1976-77 : July to Mar.	17,795	6,083	14,208	124,119	2,135	122,815	269,360

(b) See paragraph 6 Explanatory Notes. (c) Code numbers 415.07 and 405.25. Includes double and triple superphosphates and ammonium phosphate expressed in terms of single phosphate i.e. 22% P₂O₅ equivalent. (d) Includes acrylics, cellulotics, polystyrene, vinyls. (e) Code numbers 403.02, 1.8, 20, 73, 90, 92, 96.

PLASTICS AND SYNTHETIC RESINS - continued

	For protective coatings, paints etc							Total
	Acrylics (b) (404.01)	Alkyls (b) (404.02)	Phenolics (b) (404.32)	Polyvinyl acetate (b) (404.88)	Rosin esters (b) (404.48)	Styrenes (b) (404.62)	Ureas and melamines (b) (404.74)	Other (b)(c) (404.40, 94)
	- Tonnes -							
1973-74	5,424	26,474	1,701	7,495	2,603	905	1,045	53,695
1974-75	4,955	23,112	1,350	6,292	2,060	909	1,044	45,126
1974-75*	4,955	23,112	1,350	6,191	2,060	909	1,044	45,025
1975-76	6,011	25,134	1,718	6,423	2,346	1,020	1,052	49,658
1976 -								
February	622	2,377	158	579	(a)	(a)	79	4,729
March	677	2,511	222	595	(a)	(a)	81	5,015
April	498	2,149	145	571	162	85	91	4,196
May	469	2,316	116	432	238	144	103	4,409
June	656	1,973	100	583	125	99	101	4,194
July	631	2,617	206	578	(a)	(a)	122	5,306
August	601	2,254	175	593	(a)	(a)	90	4,735
September	698	2,122	132	598	170	110	106	4,433
October	519	2,069	156	718	206	85	104	4,370
November	742	2,264	183	506	264	71	102	4,859
December	666	2,342	128	538	234	56	104	4,666
1977 -								
January	351	1,300	55	172	95	17	26	2,342
February	665	2,403	148	222	244	96	101	4,570
March	600	2,406	135	526	(a)	(a)	112	4,500
1975-76 : July to Mar.	4,388	18,696	1,357	4,837	(a)	(a)	757	36,859
1976-77 : July to Mar.	5,473	19,777	1,318	4,451	(a)	(a)	867	39,781

PLASTICS AND SYNTHETIC RESINS - continued

	For bonding and adhesives (b)					For other purposes (d)			Total for all purposes
	Phenolics (404.34)	Polyvinyl acetate (404.90)	Ureas and melamines (404.76)	Other (404.96)	Total	Vinyls (404.84)	Other (e) (f)	Total	
	- Tonnes -								
1973-74	4,861	4,059	25,605	2,470	36,995	2,643	5,428	8,071	401,977
1974-75	4,110	3,231	22,471	2,466	32,278	2,060	5,460	7,520	363,046
1974-75*	4,110	3,231	22,471	2,466	32,278	2,060	5,460	7,520	363,046
1975-76	3,983	3,288	28,320	2,693	38,284	2,599	6,884	9,483	406,616
1976 -									
February	332	303	2,463	255	3,353	112	696	808	34,866
March	381	293	2,677	263	3,614	146	572	718	38,614
April	409	308	2,541	183	3,441	289	748	1,037	35,670
May	379	227	2,428	286	3,320	271	569	840	36,809
June	368	359	2,806	209	3,742	231	685	916	38,493
July	289	494	2,581	280	3,644	315	438	753	39,067
August	424	394	2,339	279	3,436	237	665	902	40,357
September	364	462	3,123	214	4,163	183	692	875	44,609
October	401	380	2,639	316	3,736	389	673	962	38,713
November	544	385	2,790	247	3,966	231	505	736	40,030
December	361	241	2,095	219	2,916	251	565	816	35,283
1977 -									
January	216	275	1,533	145	2,169	158	173	331	27,778
February	371	362	2,473	222	3,428	492	495	987	40,656
March	560	507	2,654	181	3,902	231	637	868	41,238
1975-76 : July to Mar.	2,827	2,394	20,545	2,015	27,781	1,808	4,882	6,690	295,644
1976-77 : July to Mar.	3,570	3,500	22,227	2,103	31,360	2,387	4,843	7,230	347,731

(b) Liquid resin or emulsion form are shown in terms of dry weight of resin content. (c) Includes polyesters. (d) e.g. textile impregnation, paper treatment, etc. (e) Includes phenolics and styrenes. (f) Code numbers 404.36, 64, 78, 98.

PAINTS AND OTHER SURFACE COATINGS

Period	Architectural and decorative paints, enamels and clears (h)					Industrial paints, enamels and clears (incl. lacquers and water thinned industrial products)(c)		
	Solvent thinned		Water thinned		Tinting col- ours, all types packed for sale or transfer out	Finishing coats		
	Primers and undercoats	Finishing coats (d) (410.03) 05.07	Plastic latex (410.11) 13.15	Other water based (410.17) 13.15		Primers and undercoats (410.31,41) 43.45	Nitro- cellulose lacquers (410.33, 43.45)	Other (410.37, 47.49)
- '000 litres -								
1973-74	12,984	32,810	28,815	321	452	11,345	6,081	37,347
1974-75	11,933	30,262	28,345	307	527	10,625	4,906	34,567
1974-75*	11,891	30,117	28,125	303	527	10,596	4,886	34,441
1975-76	12,660	29,893	31,844	286	500	10,690	4,909	34,741
1976 -								
February	1,074	2,523	2,622	40.0	27.3	918	392	3,042
March	1,179	2,758	2,927	38.4	45.5	1,064	444	3,502
April	1,039	2,251	2,517	11.2	49.6	785	421	3,011
May	1,063	2,550	2,787	23.0	45.5	937	407	3,040
June	1,129	2,588	2,995	16.8	63.0	869	409	3,136
July	1,027	2,215	2,992	17.1	62.0	991	418	2,784
August	844	2,355	2,657	22.2	60.6	903	454	3,020
September	1,078	2,642	3,084	18.5	73.5	1,078	410	2,969
October	1,042	2,538	2,773	29.7	49.7	1,050	411	3,157
November	1,099	2,816	3,555	26.8	45.4	1,050	395	3,374
December	1,167	2,627	3,432	27.6	50.9	975	376	3,013
1977 -								
January	739	1,782	2,033	10.0	20.5	430	170	1,653
February	1,009	2,398	2,871	18.6	36.7	822	373	2,626
March	1,175	2,736	3,378	24.1	45.8	1,083	406	3,434
1975-76 : July to Mar.								
	9,429	22,504	23,546	235	341	8,099	3,673	25,554
1976-77 : July to Mar.								
	9,179	22,110	26,774	195	445	8,190	3,413	26,031

PAINTS ETC. - continued AND THINNERS

Period	Wood stains (oil, spirit etc.) packed for sale or transfer out (e) (410.57)	Marine coatings (f) (410.59)	Bituminous paints not elsewhere included (g) (410.65)	Water shedding preparations (410.69)	Other paints and coatings (h) (410.55, 67, 79)	Thinners	
						For nitro- cellulose coatings (410.85)	For all other coatings (410.87)
1973-74	3,535	1,536	1,651	464	8,580	13,010	11,730
1974-75	3,804	1,646	1,782	441	8,653	11,950	12,168
1974-75*	3,783	1,646	1,606	430	8,415	11,660	12,110
1975-76	4,606	1,625	1,393	511	9,789	10,656	12,075
1976 -							
February	432	133	156	45.4	686	961	1,055
March	360	158	194	45.0	834	1,028	1,122
April	365	137	114	52.2	837	830	915
May	303	159	117	57.1	901	925	1,107
June	327	148	116	43.9	828	895	1,043
July	393	127	171	75.9	849	836	1,080
August	420	140	128	97.9	846	886	1,037
September	551	135	94	81.0	813	922	1,155
October	498	158	95	51.4	882	939	1,145
November	479	141	149	60.9	897	1,100	1,142
December	451	106	132	50.9	866	919	1,103
1977 -							
January	281	83	42	28.6	524	559	600
February	431	159	123	61.9	760	877	1,102
March	463	180	129	68.1	925	959	1,130
1975-76 July to Mar.	3,610	1,182	1,047	358	7,223	8,005	9,010
1976-77 July to Mar.	3,968	1,230	1,063	577	7,361	7,998	9,495

(b) Excludes heavy duty coatings. (c) Includes automotive. (d) Includes varnishes and clear plastic coatings such as floor treatment compounds and two-pack type coatings. (e) Includes par-pigmented, Madison and Creosote types for all uses including industrial. (f) Excludes super structure paints which are included with architectural and decorative paints. (g) Excludes car body sound deadeners, heavy duty coatings and marine bituminous coatings. (h) Includes heavy duty coatings and decorative seamless flooring compounds and other paints and coatings not elsewhere included. Excludes leather dressings.

PAINTS AND OTHER SURFACE COATINGS : STATES - MARCH 1977

Code No.	Item	N.S.W.	Vic.	Qld.	S.A.	W.A. & Tas.	Australia
		Litres					
	Architectural and decorative paints, enamels and clears (b) -						
	Solvent thinned -						
410.01	Primers and undercoats	494,187	316,857	254,970	55,062	53,590	1,174,666
	Finishing coats, pigmented -						
410.03	Full gloss	793,398	526,659	321,725	103,814	89,180	1,834,776
410.05	Other than full gloss	369,285	145,433	71,699	34,804	26,301	647,522
410.07	Finishing coats, clears	138,287	74,142	10,988	18,673	11,696	253,786
	Water thinned -						
	Plastic latex -						
410.11	Primers and undercoats	64,289	49,408	64,567	11,676	14,223	204,163
	Finishing coats -						
410.13	Flat	819,515	591,887	206,016	208,297	256,353	2,082,068
410.15	Other than flat (satin, semigloss, gloss)	360,303	314,115	243,893	90,529	82,920	1,091,760
410.17	Other water based	11,987	5,935	(a)	(a)	2,400	24,132
410.25	Tinting colours, all types, packed for sale or transfer out	19,450	14,937	(a)	(a)		45,826
	Industrial paints, enamels and clears (includes lacquers and water thinned industrial products) -						
	Automotive -						
410.31	Primers and undercoats	69,289	366,377	(a)	(a)	(a)	542,983
	Finishing coats -						
410.33	Nitro-cellulose lacquers	(a)	20,299	(a)	(a)	(a)	44,714
410.37	Other	(a)	382,946	(a)	(a)	(a)	858,934
	Other industrial -						
410.41	Primers and undercoats	192,695	213,513	72,951	32,635	27,999	539,793
	Finishing coats						
	Nitro-cellulose lacquers -						
410.43	Clears	134,394	70,296	(a)	10,785	(a)	247,438
410.45	Colours	52,168	43,167	5,214	(a)	(a)	114,286
	Other -						
410.47	Clears	443,336	325,118	35,247	(a)	(a)	810,557
410.49	Colours	906,970	513,534	102,691	165,703	75,403	1,764,301
410.55	Heavy duty coatings	180,125	147,580	(a)	(a)	59,984	469,769
410.57	Wood stains (oil, spirit, etc.) packed for sale or transfer out (e)	202,280	213,544	17,850	(a)	(a)	462,766
410.59	Marine coatings (d)	94,890	(a)	(a)	(a)	17,264	180,387
410.65	Bituminous paints, not elsewhere included (e)	110,953	15,724	(a)	(a)		129,058
410.67	Decorative seamless flooring compounds	(a)					(a)
410.69	Water shedding preparations	33,878	11,730	11,486	(a)	(a)	68,131
410.79	Other paints and coatings not elsewhere included (excludes leather dressings)	33,747	275,225	(a)	(a)	20,758	(a)
	Thinners -						
410.85	For nitro-cellulose coatings	286,808	395,672	94,091	120,835	61,658	959,064
410.87	For all other coatings	389,254	309,023	223,079	154,230	54,769	1,130,355

PAPER

Period	Newsprint (f) (351.11)	Printings (351.18)	Writings (incl. cartridge) (351.29)	Wrapping (kraft and other) (351.41-49)	Tissue and sanitary (351.51)	Other papers (351.21, 25, 79)	Total
				- Tonnes -			
1973-74	200,852	75,790	99,749	146,975	85,488	39,940	848,794
1974-75	196,405	59,364	100,351	284,911	91,696	34,789	767,516
1974-75*	196,405	59,364	100,351	284,911	91,696	34,789	767,516
1975-76	206,227	46,344	69,944	303,232	89,246	29,332	744,325
1976 -							
February	16,953	2,141	2,922	27,670	7,602	1,802	59,090
March	18,346	4,986	6,555	23,907	8,741	4,018	66,553
April	17,899	5,805	6,825	27,524	7,014	1,788	66,855
May	18,181	4,635	8,217	24,414	8,270	2,564	66,281
June	17,663	4,240	7,335	29,418	7,906	3,727	70,289
July	16,951	4,906	7,373	25,192	8,411	1,912	64,745
August	17,868	4,822	8,087	29,519	6,134	3,074	69,504
September	17,465	5,849	7,515	28,509	8,349	2,051	69,738
October	18,167	5,392	7,403	31,322	9,550	1,941	73,775
November	17,458	4,137	6,970	23,470	8,423	2,589	63,047
December	13,587	5,634	6,922	29,062	6,230	3,040	64,475
1977 -							
January	17,065	2,676	7,060	20,171	5,888	2,837	55,697
February	16,575	4,319	7,042	27,612	7,552	1,877	64,977
March	18,613	4,419	7,540	28,279	8,409	2,419	69,679
1975-76 : July to Mar.	152,484	31,664	47,567	221,873	66,056	21,253	540,897
1976-77 : July to Mar.	153,749	42,154	65,912	243,136	68,946	21,740	595,637

(b) Excludes heavy duty coatings. (c) Includes part-pigmented, Madison and Cremo types for all uses including industrial. (d) Excludes super structure paints which are included with architectural and decorative paints. (e) Excludes car body sound deadeners, heavy duty coatings and marine bituminous coatings. (f) Since March 1974 a lighter type of newsprint has been produced (49 grams instead of 52 grams). This has resulted in reducing production in terms of weight but not in terms of quantity.

PULP, PAPER BOARDS AND PAPER FELTS

Period	Wood pulp (b)		Paper boards (c)			Paper felts (353.01)
	Chemical (341.31.37)	Other (341.39.45)	Container (352.11.13)	Box and carton (352.21.23)	Other (352.31.33)	
- Tonnes -						
1973-74	172,839	439,551	187,773	199,216	49,424	812
1974-75	169,274	401,309	170,908	160,850	41,881	417
1974-75*	169,274	401,309	170,908	160,850	41,881	417
1975-76	162,152	393,514	171,907	164,787	45,515	52
1976 -						
February	13,942	30,500	14,416	14,170	4,614	..
March	13,239	38,438	15,106	15,591	5,278	..
April	14,309	37,067	19,418	16,745	3,203	..
May	13,557	30,673	11,693	15,419	3,414	..
June	13,653	41,788	16,822	13,507	4,928	..
July	14,015	33,603	16,697	11,415	3,395	..
August	12,426	36,756	16,411	12,388	4,436	..
September	17,004	36,143	22,274	17,807	6,194	..
October	16,043	36,940	11,922	16,999	4,248	..
November	16,576	37,701	17,541	13,973	4,569	2
December	17,097	29,592	21,991	16,961	2,746	..
1977 -						
January	14,524	27,496	16,336	11,320	5,876	..
February	15,405	32,146	18,602	15,005	3,387	..
March	16,104	38,578	14,521	14,528	5,010	..
1975-76 : July to Mar.	120,633	283,986	123,974	119,116	33,970	52
1976-77 : July to Mar.	139,194	308,955	156,295	130,396	39,861	2

ADHESIVE TAPES

Period	Gummed (liquid activated)		Pressure sensitive (other than reinforced)				Total
	Reinforced (769.21)	Other (769.31-39)	Original manufacture				
			Paper (769.51)	Cellulose (769.53)	Plastic (769.54)	Other (d) (769.52, 59)	
- '000 square metres -							
1973-74	4,868	15,759	11,420	7,702	5,604	284	25,009
1974-75	<u>3,328</u>	<u>8,116</u>	<u>10,402</u>	<u>5,607</u>	<u>4,447</u>	<u>182</u>	<u>21,638</u>
1974-75*	3,328	8,116	10,402	6,607	4,447	182	21,638
1975-76	2,873	8,687	9,610	6,830	6,868	192	23,500
1976 -							
February	(a)	(a)	764	559		759	2,082
March	(a)	934	1,198	649		788	2,635
April	(a)	(a)	680	836		471	1,988
May	(a)	(a)	835	630		606	2,071
June	(a)	(a)	837	637		660	2,135
July	(a)	962	827	548		626	2,001
August	(a)	(a)	775	528		641	1,944
September	(a)	(a)	1,212	663		524	2,399
October	(a)	725	858	621		791	2,270
November	(a)	571	884	457		317	1,659
December	(a)	(a)	1,006	638		716	2,360
1977 -							
January	(a)	(a)	552	143		302	996
February	(a)	(a)	930	550		719	2,199
March	(a)	(a)	834	523		732	2,090
1975-76 : July to Mar.	(a)	6,294	7,258	4,727		5,322	17,308
1976-77 : July to Mar.	(a)	(a)	7,880	4,671		5,368	17,919

(b) Quantities shown represent tonnes air-dried. (c) Paper exceeding 205 grammes per square metre is classified a paper board. (d) Includes cloth.

SOAP

Period	For personal toilet use					For other purposes - non-abrasive				
	Toilet		Shampoo (805.08)	Shaving (b) (805.10, 11.13)	Total	Solid (bar) (c)			Powder and granule	
	Solid and powder (805.01, 03)	Liquid and paste (805.05)				Small packs (d) (805.22)	Large packs (e) (805.46, 58)	Flakes and chips (805.24, 48)	Small packs (d) (805.26)	Large packs (e) (805.50)
— Tonnes —										
1973-74	28,707	846	887	706	31,146	12,845	231	2,603	8,988	3,709
1974-75	24,525	892	879	725	27,071	12,632	287	2,184	8,340	2,524
1974-75*	24,488	796	858	775	26,917	12,632	285	2,184	7,814	2,109
1975-76	26,209	693	957	830	28,689	10,433	(a)	(a)	7,690	1,781
1976 —										
February	2,083	64	67	94	2,308	780	(a)	(a)	523	151
March	2,313	62	84	49	2,508	914	(a)	(a)	863	189
April	1,910	67	111	102	2,190	668	(a)	(a)	488	225
May	2,643	65	68	48	2,824	942	(a)	(a)	815	127
June	2,456	56	91	100	2,703	758	(a)	(a)	586	151
July	2,398	55	92	78	2,623	1,034	(a)	(a)	675	170
August	2,435	60	66	73	2,634	912	(a)	(a)	762	180
September	2,123	61	103	77	2,364	1,169	(a)	(a)	593	163
October	2,663	49	59	42	2,813	985	(a)	(a)	760	104
November	2,004	78	75	102	2,259	860	(a)	(a)	390	155
December	1,477	59	79	60	1,675	717	(a)	(a)	645	129
1977 —										
January	773	43	53	17	886	385	(a)	(a)	207	99
February	2,621	66	101	59	2,847	1,013	(a)	(a)	642	164
March	2,109	76	105	67	2,357	848	(a)	(a)	580	169
1975-76 : July to Mar.										
	19,200	505	687	580	20,972	8,065	(a)	(a)	5,801	1,278
1976-77 : July to Mar.										
	18,603	547	733	575	20,458	7,923	(a)	(a)	5,254	1,333

SOAP - continued AND ABRASIVE CLEANSERS AND SCOURERS

For other purposes - non-abrasive - continued										
Period	Liquid						Abrasive cleansers and scourers			
	Disinfectant type (f)		Non-disinfectant type		Soft (incl. paste)		Total	Small packs (d)		
	Small packs (d) (805.30)	Large packs (e) (805.52)	Small packs (d) (805.32)	Large packs (e) (805.54)	Small packs (d) (805.34)	Large packs (e) (805.56)		Solid and powder (805.36, 38)	Paste (805.40)	Large packs (e) (805.60)
					- Tonnes -					
1973-74	773	2,889	584	4,360	8	708	37,698	837	369	1,150
1973-74	692	2,555	516	3,595	17	634	33,976	768	316	956
1974-75*	687	2,237	516	3,329	17	631	32,545	587	308	897
1975-76	599	2,089	580	3,107	9	632	29,363	773	425	882
1976 -										
February	62	162	60	236	60		2,293	86	42	58
March	65	168	69	251	67		2,853	77	51	78
April	50	125	(a)	239	44		2,047	74	39	84
May	41	161	(a)	245	62		2,695	42	27	80
June	40	172	(a)	247	53		2,344	43	8	58
July	50	197	(a)	277	47		2,799	50	35	73
August	46	174	(a)	303	50		2,881	59	33	66
September	51	175	(a)	293	51		2,883	57	39	52
October	52	142	76	274	45		2,724	48	43	73
November	52	170	69	276	49		2,281	70	49	56
December	45	170	47	256	51		2,351	41	47	44
1977										
January	48	139	69	188	40		1,347	13	30	33
February	61	186	93	224	44		2,677	58	28	70
March	63	218	56	288	53		2,508	17	26	59
1975-75 : July to Mar.	468	1,631	414	2,376	482		22,277	614	351	660
1976-77 : July to Mar.	458	1,571	618	2,379	430		22,381	413	325	526

(b) Includes solid shaving soap. (c) Includes woolscouring soap in large packs. (d) Contains 3 kg or less of solid or 5 litre or less of liquid. Excludes 'dairy cleansers'. (e) Contains over 3 kg of solid or over 5 litre or liquid. Includes all 'dairy cleansers' regardless of size. (f) Excludes products marketed primarily as disinfectants.

DETERGENTS

DETERGENTS										
Synthetic										
Non-abrasive										
For other purposes										
Period	For personal toilet use (806.02, 04.06)	Solid flakes and chips, powder and granule (806.10, 14.30.32)	Liquid paste and cream		Abrasive cleansers and scourers (806.18, 20.22.36)	Total	Other detergents			
			Small packs (b) (806.16)	Large packs (c) (806.34)			Alkaline (806.40)	Emulsion cleansers (806.44)	Other (incl. acid cleansers) (806.25, 42.45)	Total detergents
- Tonnes -										
1973-74	7,592	75,360	49,612	29,167	8,530	170,261	20,543	5,493	5,054	201,520
1974-75	7,366	79,357	50,758	23,690	9,702	170,873	20,627	5,741	6,401	203,642
1974-75*	6,955	79,145	47,751	22,326	9,672	165,849	19,081	5,520	5,997	196,447
1975-76	7,845	81,686	53,520	23,132	11,397	177,580	18,952	5,310	6,877	208,719
1976 -										
February	654	5,182	4,169	1,861	1,040	12,906	1,557	440	613	15,516
March	832	7,275	5,017	2,275	1,118	16,517	1,638	472	621	19,248
April	650	6,891	4,000	1,848	859	14,248	1,494	435	554	16,731
May	765	8,319	5,016	2,002	1,146	17,248	1,605	500	525	19,878
June	693	7,769	5,782	1,753	1,028	17,025	1,387	513	613	19,538
July	687	7,665	4,582	1,965	1,331	16,230	1,755	439	592	19,016
August	668	6,378	4,999	1,891	753	14,689	1,647	452	604	17,992
September	712	7,390	4,171	2,148	761	15,182	1,851	550	678	18,261
October	826	7,690	5,069	1,889	1,058	16,532	1,725	484	583	19,324
November	847	7,821	4,050	2,225	896	15,839	1,710	476	569	18,594
December	490	4,771	3,681	2,347	960	12,249	1,802	437	503	14,991
1977 -										
January	474	2,781	1,915	1,605	249	7,024	1,329	366	449	9,168
February	780	7,104	4,635	1,901	996	15,416	1,559	381	524	17,880
March	737	6,170	4,256	1,893	733	13,789	1,773	503	680	16,745
1975-76 : July to Mar.	5,737	58,707	38,722	17,529	8,364	129,059	14,466	3,862	5,185	152,572
1976-77 : July to Mar.	6,221	57,770	37,358	17,864	7,737	126,950	15,151	4,088	5,182	151,377

GLYCERINE AND FATTY ACIDS

Period	Glycerine		Fatty acids			Total
	Crude (406.20)	Refined (406.24)	Stearine (401.53)	Oleic (401.41)	Other (401.77,79)	
	tonnes	tonnes	'000 kg	'000 kg	'000 kg	'000 kg
1973-74	5,562	5,226	5,578	3,816	3,960	13,354
1974-75	4,943	4,600	4,415	4,034	3,945	12,394
1974-75*	4,943	4,600	4,415	4,034	3,945	12,394
1975-76	5,047	4,433	5,507	4,051	3,585	13,142
1976 -						
February	384	247	(a)	(a)	(a)	1,118
March	371	422	594		168	763
April	444	259	1,557		543	2,100
May	565	477	1,283		773	1,556
June	441	397	822		770	1,592
July	575	551	1,539		613	2,152
August	499	366	942		426	1,368
September	406	414	1,411		319	1,730
October	575	394	1,571		490	2,061
November	372	444	1,389		337	1,726
December	209	259	624		268	892
1977 -						
January	(a)	(a)	410		204	614
February	(a)	(a)	837		217	1,054
March	246	306	900		416	1,316
1975-76 : July to Mar.	3,597	3,300	5,895		1,999	7,894
1976-77 : July to Mar.	3,733	3,325	9,623		3,290	12,914

(b) Contains 3 kg or less of solid or 5 litre or less of liquid. Excludes 'dairy cleansers'. (c) Contains over 3 kg of solid or 5 litre of liquid.

UNSUPPORTED PLASTICS FILM, FOIL AND SHEETING (b) - BY POLYMER TYPE

Period	Vinyl chloride including co-polymers (423.02,03,06,07)	Poly- ethylene (423.11,15,21,25)	Poly- styrene (423.31,35)	Other (c) (423.41,45,61,65)	Total
- '000 kilograms -					
1973-74	18,744	53,905	7,093	12,326	92,067
1974-75	15,461	52,492	6,153	9,020	83,127
1974-75*	15,461	52,192	6,153	9,020	82,827
1975-76	15,674	55,951	6,817	11,248	89,689
1976 -					
February	1,344	4,718	530	1,104	7,695
March	1,197	5,522	730	991	8,440
April	1,187	5,251	646	953	8,037
May	1,362	5,023	634	1,158	8,177
June	1,487	5,734	743	1,342	9,306
July	1,284	5,249	684	1,107	8,324
August	1,854	5,325	886	1,225	9,290
September	1,540	5,897	819	1,323	9,579
October	1,371	4,865	717	1,089	8,042
November	1,272	5,429	782	1,233	8,716
December	904	3,989	605	1,007	6,506
1977 -					
January	509	3,324	562	666	5,061
February	1,218	5,968	912	941	9,039
March	1,575	5,696	808	1,151	9,230
1975-76 : July to Mar.	11,637	39,943	4,793	7,795	64,169
1976-77 : July to Mar.	11,527	45,743	6,775	9,743	73,788

UNSUPPORTED PLASTICS FILM, FOIL AND SHEETING (b) - BY THICKNESS

Period	Film (thickness less than 0.25 mm)			Sheeting and sheets (thickness 0.25 mm and over)		
	Vinyl chloride including co-polymers (423.02,03)	Other (423.11,21)	Total film	Vinyl chloride including co-polymers (423.06,07)	Other (423.15,25 35,45,65)	Total sheeting and sheets
- '000 kilograms -						
1973-74	10,672	60,474	71,147	8,072	12,849	20,920
1974-75	8,676	56,799	65,475	6,786	11,769	18,555
1974-75*	8,676	56,499	65,175	6,786	11,769	18,555
1975-76	9,787	60,940	70,726	5,887	13,076	18,963
1976 -						
February	845	5,157	6,002	499	1,194	1,693
March	624	6,013	6,637	573	1,230	1,802
April	732	5,595	6,326	456	1,255	1,710
May	833	5,525	6,357	530	1,290	1,820
June	883	6,450	7,333	604	1,369	1,973
July	790	5,814	6,604	494	1,226	1,720
August	1,039	5,872	6,911	815	1,565	2,380
September	859	6,445	7,304	681	1,593	2,275
October	827	5,248	6,076	544	1,423	1,966
November	717	5,903	6,620	556	1,540	2,095
December	623	4,411	5,034	281	1,191	1,472
1977 -						
January	(a)	(a)	3,836	(a)	(a)	1,224
February	(a)	(a)	7,217	(a)	(a)	1,813
March	746	6,273	7,019	828	1,383	2,211
1975-76 : July to Mar.	7,340	43,370	50,710	4,297	9,162	13,459
1976-77 : July to Mar.	6,599	50,021	56,621	4,928	12,239	17,167

(b) Rigid and flexible (includes lay flat tubing) - not profile. Includes film or sheet used in further production in the same establishment. (c) Includes cellulose acetate.

PLASTICS COATED MATERIALS (b)

Period	Vinyl chloride (incl. co-polymers) on knitted or woven textile material		Vinyl chloride (incl. co-polymers and poly- vinylidene chloride on paper or paperboard) (excl. bitumen treated) (424.33.51)	Polyethylene		Other polymers On knitted and woven textile materials (424.61)
	Expanded (424.30)	Other (424.32)		On regenerat- ed cellulose film (424.42)	On other substrates (424.43.47)	
			- '000 square metres -			
1973-74	6,900	11,268	11,841	16,264	76,046	6,541
1974-75	<u>5,399</u>	<u>8,996</u>	<u>11,175</u>	<u>18,048</u>	<u>73,242</u>	<u>5,798</u>
1974-75*	5,399	8,994	11,175	18,048	73,242	5,798
1975-76	6,209	9,320	10,240	17,173	40,754	5,299
1976 -						
February	602	1,006	(a)	1,024	4,301	581
March	611	1,044	(a)	1,660	4,424	565
April	374	721	(a)	1,641	2,833	504
May	595	738	(a)	1,087	3,138	522
June	569	815	(a)	1,814	4,027	397
July	568	766	(a)	1,105	2,738	485
August	427	799	(a)	1,610	3,979	584
September	513	823	(a)	1,496	3,450	448
October	631	751	(a)	1,534	3,040	580
November	531	713	(a)	1,375	3,039	488
December	531	659	(a)	1,441	3,214	255
1977 -						
January	160	159	(a)	954	1,984	205
February	344	744	(a)	1,243	2,449	479
March	504	751	(a)	1,290	3,679	413
1975-76 : July to Mar.	4,671	7,045	(a)	12,632	30,755	3,876
1976-77 : July to Mar.	4,210	6,164	(a)	12,048	26,966	3,936

(b) Area of completion of final coating by any method including laminating on continuous supporting materials. Includes production of the specified combinations even if subsequently used in the same establishment for further processing. Excludes coating intended for adhesive purposes in the production of laminates.

APPENDIX

**Production Bulletin No. 1:
Electricity, Gas and Electrical
Goods (Reference No. 12.39)**

*Production
Summary No.*

- 5 Electricity and gas
- 9 Electrical appliances
- 23 Electric motors
- 30 Storage batteries
- 34 Radios, etc.
- 52 Electrical power frequencies
- *12 Meters
- *45 Gramophone records
- *50 Electrodes for manual welding

**Production Bulletin No. 2:
Clothing and Footwear
(Reference No. 12.40)**

- 18 Hosiery
- 19 Women's etc. clothing
- 24 Men's etc. clothing
- 25 Foundation garments
- *27 Gloves and slide fasteners
- 28 Footwear

**Production Bulletin No. 3:
Food, Drink and Tobacco
(Reference No. 12.41)**

- 29 Biscuits, Ice Cream, etc.
- 36 Preserved milk products
- 38 Canned fish
- 39 Jams, preserved fruit and vegetables
- 40 Cereal products
- 41 Vegetable oils, margarine etc.
- 42 Malt and beer
- 43 Stock and poultry food (exc. cereal)
- 47 Aerated and carbonated waters
- 55 Butter and cheese
- 56 Canned meat

**Productions Bulletin No. 4:
Textiles, Bedding and Floor Coverings
(Reference No. 12.42)**

- 14 Cotton goods
- 16 Wool tops, yarns
- 17 Wool weaving
- 20 Cellulosic and synthetic fibres
- 22 Floor coverings
- *15 Woolscouring, carbonising etc.
- *35 Mattresses
- *51 Hides and skins used in tanneries

**Production Bulletin No. 5:
Building Materials
(Reference No. 12.43)**

*Production
Summary No.*

- 13 Building fittings
- 49 Building materials

**Production Bulletin No. 6:
Chemicals and By-Products
(Reference No. 12.44)**

- 2 Chemicals
- 3 Plastics and synthetic resin plasticisers
- 4 Paints etc.
- 6 Soap, etc.
- 21 Paper, wood pulp and adhesive tapes
- 53 Plastics films, sheeting, etc.

**Production Bulletin No. 7:
Motor Vehicles, Parts and Accessories
(Reference No. 12.45)**

- *1 Automotive spark plugs
- *10 Motor bodies, trailers, etc.
- 7 Internal Combustion engines
- 33 Motor vehicles

**Production Bulletin No. 8:
Miscellaneous Products
(Reference No. 12.46)**

- 8 Lawnmowers
- 48 Sports goods
- 59 Non-ferrous, rolled, extruded and drawn products
- *11 Pedal cycles
- *32 Perambulators, etc.
- *58 Steel wire and wire products