



INQUIRIES

If you want to know more about these statistics —

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

EXPLANATORY NOTES

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

INDEX

	<i>Page</i>		<i>Page</i>
Acids		Nitric acid	3
fatty	9		
hydrochloric	3	Paints, enamels and clears	5,6
nitric	3	Paper	6
sulphuric	3	Paperboards	7
Adhesive tapes	7	Plastic and synthetic resins	3,4
Architectural paints	5	Plastic coated materials	11
		Plastic film, foil and sheeting	10
Caustic soda	3	Plasticisers	3
Chemicals	3	Pulp, wood	7
Chlorine	3		
Cleansers and scourers	8	Resins, synthetic and plastic	3
Decorative paints	5,6	Soap	8
Detergents	9	Sodium hydroxide	3
		Sulphate of ammonia	3
Fatty acids	9	Sulphuric acid	3
		Superphosphate	3
Glycerine	9		
		Tapes, adhesive	7
Hydrochloric acid	3	Thinners	5,6
Industrial paints	5,6	Wood pulp	7
		Wood stains	5,6
Newsprint	6		

CHEMICALS AND ACIDS

Period	Acids (in terms of 100% acid)					Sodium Hydroxide (100%) (caustic soda) (407.88)	Sulphate of ammonia (405.36)	Super-phosphate (c)
	Hydro-chloric (401.29)	Nitric (401.37)	Sulphuric		Chlorine (405.82)			
			Original (401.57)	Seas.adj. (b)				
	tonnes	tonnes	— '000 tonnes —		tonnes	tonnes	tonnes	'000 tonnes
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
1976-77	51,853	177,647	1,741	..	107,069	129,345	191,942	3,219
1976 —								
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	133
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
April	4,284	10,821	167	151	10,360	12,458	12,681	346
May	4,740	14,975	174	167	10,026	12,458	13,663	348
June	4,248	20,496	179	200	7,056	9,181	14,365	327

PLASTICISERS AND PLASTICS AND SYNTHETIC RESINS

Period	Plastics and synthetic resins For moulding, extrusion, laminating, calendaring, etc.						Total
	Plasticisers (407.02-08)	Phenolic (403.52)	Polyesters (403.62)	Polyethylene (403.65)	Ureas and melamines (403.82)	Other (d) (e)	
			— Tonnes —				
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
1976-77	22,596	8,172	17,932	161,920	3,069	169,686	360,779
1976 —							
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	10,690	245	10,214	23,524
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
April	1,889	590	1,054	10,643	264	15,262	27,813
May	1,324	755	1,468	15,122	327	15,819	33,491
June	1,588	744	1,202	15,397	343	15,790	33,476

(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, cellulose, polystyrene, vinyls. (e) Code numbers 403.02, 18, 20, 73, 90, 92, 96.

PLASTICS AND SYNTHETIC RESINS - continued

For protective coatings, paints etc.								
Acrylics (b) (404.01)	Alkyds (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)	Total
- Tonnes -								
1974-75	4,955	23,112	1,350	6,292	2,060	909	1,044	5,404
1974-75*	4,955	23,112	1,350	6,191	2,060	909	1,044	5,404
1975-76	6,064	25,134	1,718	6,423	2,346	1,020	1,052	5,954
1976-77	7,224	26,388	1,766	5,597	2,627	963	1,164	6,757
1976 -								
May	469	2,316	116	432	238	144	103	591
June	709	1,973	100	583	125	99	101	557
July	631	2,617	206	578	(a)	(a)	122	661
August	601	2,254	175	593	(a)	(a)	90	657
September	698	2,122	132	598	170	110	106	497
October	519	2,069	156	718	206	85	104	513
November	742	2,264	183	506	264	71	102	727
December	666	2,342	128	538	234	56	104	598
1977 -								
January	351	1,300	55	172	95	17	26	326
February	665	2,403	148	222	244	96	101	691
March	600	2,578	175	543	(a)	(a)	110	583
April	515	1,858	140	409	(a)	(a)	78	523
May	509	2,288	144	369	160	73	104	471
June	727	2,293	124	351	245	51	117	510

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 -				
1974-75	4,110	3,231	22,471	2,466	32,278	2,060	5,460	7,520	363,147
1974-75*	4,110	3,231	22,471	2,466	32,278	2,060	5,460	7,520	363,046
1975-76	3,983	3,636	28,320	2,693	38,632	2,599	6,884	9,483	407,017
1976-77	4,808	4,661	29,167	2,595	41,231	3,082	6,668	9,750	464,246
1976 -									
May	379	256	2,428	286	3,349	271	569	840	36,838
June	368	388	2,806	209	3,771	231	685	916	38,575
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	289	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	31,922
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	551	507	2,654	175	3,887	279	637	916	41,628
April	385	313	1,962	129	2,789	136	757	893	35,307
May	484	456	2,206	192	3,338	229	521	750	41,697
June	418	392	2,772	177	3,759	282	547	829	42,482

(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 (b)					Industrial paints, enamels and clears (incl. lacquers and water thinned industrial products) (c)		
	Solvent thinned		Water thinned		Tinting colours, all types packed for sale or transfer out	Finishing coats		
	Primers and undercoats	Finishing coats (d)	Plastic latex	Other water based		Primers and undercoats	Nitro- cellulose lacquers	Other
- '000 litres -								
1974-75	11,933	30,262	28,345	307	527	10,625	4,906	34,567
1974-75*	11,891	30,117	28,123	303	527	10,596	4,886	34,441
1975-76	12,660	29,893	31,844	286	500	10,690	4,909	34,741
1976-77	12,112	28,965	35,131	270	584	10,883	4,392	34,261
1976 -								
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	858	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
April	836	2,035	2,609	28.7	35.2	745	274	2,408
May	1,105	2,422	2,863	23.1	52.8	948	366	2,915
June	992	2,399	2,885	23.8	51.1	1,000	339	2,910

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)
				- '000 litres -			
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
1976-77	5,182	1,624	1,382	750	9,886	10,475	12,744
1976 -							
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	859	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
April	364	130	94	41.2	723	693	930
May	428	131	107	60.0	866	935	1,195
June	423	134	118	72.5	935	849	1,124

(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 part-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 - MAY 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	438,811	266,265	195,931	59,094	32,080	992,181
		Finishing coats, pigmented -					
410.03	Full gloss	689,659	395,795	313,644	95,382	56,532	1,550,012
410.05	Other than full gloss	285,502	220,446	60,106	32,347	28,583	626,984
410.07	Finishing coats, clears	113,269	74,150	13,944	9,333	10,942	221,638
Water thinned -							
Plastic latex -							
410.11	Primers and undercoats	61,176	55,987	47,206	(a)	(a)	196,090
		Finishing coats -					
410.13	Flat	711,739	484,620	208,896	166,259	179,202	1,750,716
410.15	Other than flat (satin, semi-gloss, gloss)	342,207	269,157	174,009	77,057	75,423	937,853
410.17	Other water based	12,439	3,717	(a)	(a)	(a)	23,832
410.25	Tinting colours, all types, packed for sale or transfer out	23,795	17,161	(a)	(a)	..	51,100
Industrial paints, enamels and clears (includes lacquers and water thinned industrial products) -							
Automotive -							
410.31	Primers and undercoats	96,816	360,503	(a)	(a)	(a)	570,429
		Finishing coats -					
410.33	Nitro-cellulose lacquers	(a)	30,262	(a)	(a)	(a)	42,842
410.37	Other	(a)	480,262	(a)	(a)	(a)	909,388
Other industrial -							
410.41	Primers and undercoats	139,098	168,626	68,969	27,669	25,129	429,491
		Finishing coats -					
		Nitro-cellulose lacquers -					
410.43	Clears	83,353	64,524	(a)	6,686	(a)	174,353
410.45	Colours	60,106	50,957	3,224	(a)	(a)	121,373
		Other -					
410.47	Clears	366,755	311,815	(a)	(a)	1,775	714,329
410.49	Colours	586,515	382,107	122,167	125,301	69,914	1,286,004
410.55	Heavy duty coatings	204,350	164,349	(a)	(a)	35,175	479,653
410.57	Wood stains (oil, spirit, etc.) packed for sale or transfer out (e)	157,453	209,148	42,260	(a)	(a)	422,517
410.59	Marine coatings (d)	(a)	28,524	(a)	(a)	10,147	133,895
410.65	Bituminous paints, not elsewhere included (e)	106,555	(a)	(a)	(a)	..	118,185
410.67	Decorative seamless flooring compounds	(a)	..	..	..	(a)	(a)
410.69	Water shedding preparations	(a)	9,506	9,012	(a)	(a)	72,461
410.79	Other paints and coatings not elsewhere included (excludes leather dressings)	66,660	242,963	(a)	(a)	(a)	(a)
Thinners -							
410.85	For nitro-cellulose coatings	240,013	355,172	107,053	77,865	69,284	849,387
410.87	For all other coatings	437,753	278,661	208,326	(a)	(a)	1,123,816

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 -							
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
1976-77	206,590	54,829	87,966	321,607	91,041	29,956	791,989
1976 -							
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
April	17,337	3,729	7,299	29,242	8,006	2,848	68,461
May	18,069	4,595	7,685	21,629	7,041	2,348	61,367
June	17,435	4,351	7,070	27,600	7,048	3,020	66,524

(b) Excludes heavy duty coatings. (c) Includes part-pigmented, Madison and Creosote 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 -			
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
1976-77	182,874	413,586	205,018	176,496	52,742	277
1976 -						
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	3,371	..
March	16,104	38,578	15,449	13,507	4,798	..
April	13,757	30,102	14,691	16,042	5,259	275
May	14,413	29,092	12,846	13,266	4,852	..
June	15,510	45,437	20,258	17,813	2,998	..

ADHESIVE TAPES

Period	Gummed (liquid activated)		Pressure sensitive (other than reinforced)				Total
	Reinforced (769.21)	Other (769.31-39)	Original manufacture			Other (d) (769.52,59)	
			Paper (769.51)	Cellulose (769.53)	Plastic (769.54)		
- '000 square metres -							
1974-75	3,328	8,116	10,402	6,607	4,447	182	21,638
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
1976-77	(a)	7,653	9,163	6,233	7,440	280	23,115
1976 -							
May	(a)	(a)	835	630		606	2,071
June	(a)	(a)	837	637		660	2,135
July	(a)	962	608	548		626	1,782
August	(a)	(a)	684	528		641	1,853
September	(a)	(a)	1,064	663		524	2,251
October	(a)	725	685	621		791	2,097
November	(a)	571	780	457		317	1,554
December	(a)	(a)	908	638		716	2,263
1977 -							
January	(a)	(a)	354	143		302	799
February	(a)	(a)	765	550		719	2,034
March	(a)	(a)	758	523		732	2,014
April	(a)	(a)	923	609		753	2,285
May	(a)	(a)	1,021	402		749	2,173
June	(a)	(a)	6,111	550		850	2,011

(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)
1974-75	24,525	892	879	775	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	722	957	830	28,718	10,433	(a)	(a)	7,690	1,781
1976-77	25,347	717	1,333	879	28,276	9,831	(a)	(a)	7,092	1,749
1976 -					- Tonnes -					
May	2,643	67	68	48	2,826	942	(a)	(a)	815	127
June	2,456	58	91	100	2,705	758	(a)	(a)	586	151
July	2,398	55	119	92	2,664	1,034	(a)	(a)	675	170
August	2,435	60	83	89	2,667	912	(a)	(a)	762	180
September	2,123	61	126	77	2,387	1,169	(a)	(a)	593	163
October	2,663	49	84	63	2,859	985	(a)	(a)	760	104
November	2,004	78	98	123	2,303	860	(a)	(a)	390	155
December	1,477	59	105	61	1,702	717	(a)	(a)	645	129
1977 -										
January	773	43	80	17	913	385	(a)	(a)	207	99
February	2,621	66	133	66	2,886	1,013	(a)	(a)	642	164
March	2,109	76	127	67	2,379	848	(a)	(a)	580	169
April	1,936	61	102	58	2,157	431	(a)	(a)	443	101
May	2,384	57	151	95	2,687	744	(a)	(a)	692	169
June	2,424	52	125	71	2,672	733	(a)	(a)	703	146

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)
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	2,162	580	3,107	9	632	29,436	773	425	882
1976-77	612	2,222	827	3,093	557		29,000	547	431	697
1976 -										
May	41	167	(a)	245	62		2,701	42	27	80
June	40	178	(a)	247	53		2,350	43	8	58
July	50	197	(a)	277	47		2,799	50	35	73
August	46	181	(a)	303	50		2,818	59	33	66
September	51	182	(a)	293	51		2,890	57	39	52
October	52	148	76	274	45		2,730	48	43	73
November	52	176	69	276	49		2,287	49	56	
December	45	177	47	256	51		2,358	41	47	44
1977 -										
January	48	144	69	188	40		1,352	13	30	33
February	61	193	93	224	44		2,684	58	28	70
March	53	229	56	288	53		2,519	17	26	59
April	53	203	77	249	34		1,762	28	42	75
May	58	201	70	239	51		2,444	59	33	40
June	43	191	62	226	42		2,357	47	31	56

(b) Includes solid shaving soap. (c) Includes woolcoureing 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 3kg of solid or over 5 litre or liquid. Includes all 'dairy cleansers' regardless of size. (f) Excludes products marketed primarily as disinfectants.

DETERGENTS

Period	Synthetic								
	Non-abrasive								
	For other purposes								
	For personal toilet use (806.02, 04.06)	Solid flakes and chips, powder and granule (806.10, 14.30.32)	Liquid paste and cream		Abrasives 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)
1974-75	7,366	79,357	50,758	23,690	9,702	170,873	20,627	5,741	6,401
1974-75*	6,955	79,145	47,751	22,326	9,672	165,849	19,081	5,520	5,997
1975-76	7,845	81,686	53,520	23,132	11,397	177,580	18,952	5,310	6,467
1976-77	8,526	79,034	50,431	23,549	10,250	171,790	20,219	5,643	6,859
1976 -									
May	765	8,319	5,016	2,002	1,146	17,248	1,605	500	521
June	693	7,769	4,751	1,753	1,028	17,025	1,387	513	602
July	690	7,665	4,582	1,965	1,331	16,233	1,755	439	592
August	670	6,378	4,999	1,891	753	14,691	1,647	452	604
September	715	1,390	4,171	2,148	761	15,185	1,851	550	678
October	829	7,690	5,069	1,889	1,058	16,535	1,725	484	583
November	850	7,821	4,050	2,225	896	15,842	1,710	476	569
December	493	4,771	3,681	2,347	960	12,252	1,802	437	503
1977 -									
January	474	2,781	1,915	1,605	249	7,024	1,329	366	449
February	780	7,104	4,635	1,901	996	15,416	1,559	381	524
March	737	6,170	4,256	1,893	733	13,789	1,773	503	680
April	781	5,977	3,854	1,874	822	13,308	1,717	511	507
May	738	8,076	4,215	1,784	853	15,666	1,756	612	567
June	769	7,211	5,004	2,027	838	15,849	1,595	432	603

GLYCERINE AND FATTY ACIDS

Period	Glycerine		Fatty acids			Total
	Crude (406.20)	Refined (406.24)	Stearine (401.53)	Olefine (401.41)	Other (401.77, 79)	
1974-75	tonnes 4,943	tonnes 4,600	'000 kg 4,415	'000 kg 4,034	'000 kg 3,945	'000 kg 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
1976-77	4,927	4,232		14,066	4,724	18,790
1976 -						
May	565	477		1,283	273	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)		1,010	247	1,258
March	246	306		1,135	424	1,558
April	441	242		1,460	573	2,032
May	422	446		1,413	509	1,923
June	331	219		1,160	296	1,456

(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 -					
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	55,912	6,817	11,248	89,651
1976-77	15,467	62,242	8,727	13,007	99,442
1976 -					
May	1,362	5,018	634	1,158	8,172
June	1,487	5,729	743	1,342	9,302
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
April	984	4,738	466	796	6,984
May	1,289	5,748	676	1,191	8,904
June	1,667	6,013	809	1,278	9,767

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)			Total film and sheeting and sheets
	Vinyl chloride including copolymers (423.02,03)	Other (423.11,21 31,41,61)	Total film	Vinyl chloride including co-polymers (423.06,07)	Other (423.15,25 35,45,65)	Total sheeting and sheets	
- '000 kilograms -							
1974-75	8,676	56,799	65,475	6,786	11,769	18,555	83,127
1974-75*	8,676	56,499	65,175	6,785	11,769	18,555	82,827
1975-76	9,787	60,901	70,688	5,887	13,076	18,963	89,651
1976-77	8,737	67,980	76,717	6,730	15,995	22,725	99,442
1976 -							
May	833	5,520	6,352	530	1,290	1,820	8,172
June	883	6,446	7,328	604	1,369	1,973	9,302
July	790	5,814	6,604	494	1,226	1,720	8,324
August	1,039	5,872	6,911	815	1,565	2,380	9,290
September	859	6,445	7,304	681	1,593	2,275	9,579
October	827	5,248	6,076	544	1,423	1,966	8,042
November	717	5,903	6,620	556	1,540	2,095	8,716
December	623	4,411	5,034	281	1,191	1,472	6,506
1977 -							
January	(a)	(a)	3,836	(a)	(a)	1,224	5,061
February	(a)	(a)	7,217	(a)	(a)	1,813	9,029
March	746	6,273	7,019	828	1,383	2,211	9,230
April	634	5,087	5,720	350	913	1,263	6,984
May	683	6,254	6,937	607	1,361	1,967	8,904
June	821	6,619	7,440	845	1,482	2,327	9,767

(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-poly- mers and poly- vinylidene chlor- ide on paper or paperboard) (excl. bitum- en treated) (424.33.51)	Polyethylene		Other polymers	
	Expanded (424.30)	Other (424.32)	On regenerat- ed cellulose film (424.42)	On other substrates (424.43-47)	On knitted and woven textile materials (424.61)	
- '000 square metres -						
1974-75	5,399	8,996	11,175	18,048	73,242	5,798
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
1976-77	5,325	8,340	(a)	16,450	36,462	5,169
1976 -						
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
April	240	565	(a)	878	2,405	417
May	454	726	(a)	1,706	3,339	432
June	420	886	(a)	1,818	3,752	385

(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.