

AUSTRALIAN BUREAU OF STATISTICS Canberra

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PRODUCTION BULLETIN NO. 6 : CHEMICALS AND BY-PRODUCTS AUSTRALIA, AUGUST 1978

INQUIRIES

If you want to know more about these statistics ring Mr Cyril Rees on Canberra 525558 or our State office, or write to Information Services ABS, P.O. Box 10, Belconnen, A.C.T. 2616
For copies of this publication contact Information Services, Canberra 526627 or State offices.

EXPLANATORY NOTES

Introduction

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.

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.

Classification

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. In this bulletin some of the "traditional" combinations of commodities have been rearranged so as to align production data with import and export commodity items in accordance with the Australian Standard Commodity Classification (ASCC). For further information regarding the ASCC see the ABS publication *Australian Standard Commodity Classification, 1975-76* (1207.0).

Scope and coverage

4. Production statistics collected by the ABS exclude production by 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.

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.

Seasonal adjustment

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. Details of the methods used in seasonally adjusting these and other series are given in *Seasonally Adjusted Indicators I* (1308.0).

Related publications

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

Production Bulletin No 1 : Electricity, Gas and Electrical Appliances (8357.0)

Production Bulletin No 2 : Clothing and Footwear (8358.0)

Production Bulletin No 3 : Food, Drink and Tobacco (8359.0)

Production Bulletin No 4 : Textiles, Bedding and Floor Coverings (8360.0)

Production Bulletin No 5 : Building Materials and Fittings (8361.0)

Production Bulletin No 7 : Motor Vehicles, Parts and Accessories (8363.0)

Production Bulletin No 8 : Miscellaneous Products (8364.0)

Selected Principal Articles Produced (8365.0)

Principal Articles Produced (8303.0)

All publications produced by the ABS are listed in *Catalogue of Publications* (1101.0) which is available free of charge from any ABS office.

Symbols and other usages

n.p. not available for separate publication
(but included in totals where applicable)
.. not applicable
- nil or less than half the final digit shown
n.y.a. not yet available

R. J. CAMERON
Australian Statistician

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CHEMICALS AND ACIDS

ACIDS AND ALKALIS								
Period	Acids (in terms of 100% acid)				Chlorine (405.82)	Sodium Hydroxide (100%) (caustic soda) (407.88)	Sulphate of ammonia (405.36)	Super-phosphate (b)
	Hydrochloric (401.29)	Nitric (401.37)	Sulphuric					
			Original (401.57)	Seas. adj. (a)				
	tonnes	tonnes	— '000 tonnes —		tonnes	tonnes	tonnes	tonnes
1975-76	46,554	147,559	1,295	..	113,326	137,238	219,764	2,185
1976-77	51,526	166,056	1,721	..	107,069	129,460	201,589	3,137
1977-78	53,386	152,610	1,820	..	106,218	131,246	217,404	3,474
1977 —								
July	4,278	4,271	109	141	9,548	12,371	15,499	155
August	4,998	3,510	104	128	8,546	10,660	22,557	162
September	4,864	20,272	142	142	9,648	11,802	18,585	277
October	3,929	19,645	135	139	9,184	11,476	18,188	205
November	5,016	17,059	157	152	7,764	9,026	19,750	338
December	3,794	14,639	158	139	6,998	8,677	17,470	315
1978 —								
January	4,839	14,841	172	157	10,570	12,270	20,361	270
February	4,106	12,501	160	153	8,792	10,556	15,105	317
March	3,528	13,895	170	168	8,033	9,969	18,784	357
April	4,651	7,244	189	171	11,585	15,743	20,358	416
May	5,076	15,750	177	165	7,448	9,751	19,577	377
June	4,307	8,983	147	159	7,802	8,954	11,170	283
July	4,184	16,232	117	152	11,026	13,385	18,268	210
August	5,624	15,661	113	137	10,435	12,079	16,095	176
1977-78 : July—Aug.	9,276	7,781	213	..	18,094	23,031	38,056	317
1978-79 : July—Aug.	9,808	31,893	230	..	21,461	25,464	34,363	385

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 (403.62)	Polyethylene (403.65)	Ureas and melamines (403.82)	Other (c) (d)	Total
				— tonnes —			
1975-76	22,653	6,880	18,195	119,495	3,060	161,552	309,191
1976-77	22,737	8,172	17,932	163,435	3,069	178,735	371,343
1977-78	20,229	7,626	18,517	170,802	3,317	195,717	395,361
1977 —							
July	1,670	656	1,229	14,785	394	15,360	32,424
August	2,167	788	1,372	17,739	370	16,472	36,741
September	1,966	628	1,649	13,417	251	15,757	31,702
October	1,559	275	1,549	12,518	145	14,073	28,560
November	1,665	766	1,825	15,145	301	17,358	35,395
December	1,700	512	2,023	9,561	186	15,962	28,244
1978 —							
January	1,610	426	807	16,078	111	16,544	33,966
February	1,503	722	1,903	14,531	298	16,489	33,943
March	1,886	690	1,471	14,905	308	18,030	35,404
April	1,790	599	1,741	14,187	279	16,563	33,369
May	1,386	828	1,482	14,519	335	18,159	35,323
June	1,327	736	1,466	13,417	339	14,950	30,290
July	1,750	683	1,811	13,050	352	17,814	33,710
August	1,565	465	1,865	14,810	385	20,787	38,312
1977-78 : July—Aug.	3,837	1,444	2,601	32,524	764	31,832	69,165
1978-79 : July—Aug.	3,315	1,148	3,676	27,860	737	38,601	72,022

(a) See paragraph 4 Explanatory Notes. (b) 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. (c) Includes acrylics, cellulose, vinyls. (d) Code numbers 403.02, 18, 20, 73, 90, 92, 96.

PLASTICS AND SYNTHETIC RESINS - continued

For protective coatings, paints etc.

Period	Acrylics (a) (404.01)	Alkyds (a) (404.02)	Phenolics (a) (404.32)	Polyvinyl acetate (a) (404.88)	Rosin esters (404.48)	Styrenes (a) (404.62)	Ureas and melamines (a) (404.74)	Polyesters (a) (404.40)	Other (a) (404.94)	Total
- tonnes -										
1975-76	6,064	25,134	1,718	6,423	2,346	1,020	1,052	268	5,686	49,711
1976-77	7,275	26,388	1,766	5,503	2,627	963	1,199	442	6,315	52,478
1977-78	8,090	26,836	1,608	6,657	2,277	648	1,349	579	4,741	52,785
1977 -										
July	605	2,103	115	369	n.p.	n.p.	86	n.p.	n.p.	3,956
August	628	2,158	120	539	n.p.	n.p.	89	49	374	4,178
September	728	2,333	119	565	168	90	113	70	444	4,630
October	490	2,337	114	711	n.p.	n.p.	79	60	315	4,402
November	726	2,760	148	988	n.p.	n.p.	131	42	528	5,537
December	777	2,321	115	793	n.p.	n.p.	115	48	415	4,948
1978 -										
January	453	1,493	82	215	n.p.	n.p.	73	26	323	2,802
February	786	2,336	116	477	n.p.	n.p.	146	75	325	4,476
March	702	2,433	179	619	n.p.	n.p.	138	49	423	4,812
April	597	1,958	170	389	n.p.	n.p.	125	57	323	3,858
May	835	2,369	152	487	n.p.	n.p.	134	56	312	4,554
June	763	2,235	178	505	n.p.	n.p.	120	n.p.	n.p.	4,632
July	782	2,404	177	582	n.p.	n.p.	121	52	453	4,778
August	835	2,727	163	507	n.p.	n.p.	123	83	505	5,319
1977-78 : July-Aug.	1,233	4,261	235	908	n.p.	n.p.	175	n.p.	n.p.	8,134
1978-79 : July-Aug.	1,617	5,131	340	1,089	n.p.	n.p.	244	135	958	10,097

PLASTICS AND SYNTHETIC RESINS - continued

Period	For bonding and adhesives (a)					For other purposes (b)			Total for all purposes
	Phenolics (404.34)	Polyvinyl acetate (404.90)	Ureas and melamines (404.76)	Other (404.96)	Total	Vinyls (404.84)	Other (c) (d)	Total	
					— tonnes —				
1975-76	4,096	3,636	28,320	2,693	38,745	2,599	6,884	9,483	407,130
1976-77	4,808	4,661	29,234	2,595	41,298	2,959	6,668	9,627	474,388
1977-78	5,890	4,932	28,666	1,961	41,496	3,206	6,157	9,363	499,005
1977 —									
July	495	290	2,345	201	3,331	230	333	563	40,274
August	448	296	2,897	202	3,843	169	711	880	45,642
September	457	274	2,380	188	3,299	292	560	852	40,483
October	452	260	2,234	102	3,048	134	653	787	36,797
November	692	266	2,430	200	3,588	343	391	734	45,254
December	593	334	1,827	135	2,889	255	270	525	36,606
1978 —									
January	241	98	1,270	83	1,692	163	219	382	38,842
February	477	745	2,721	163	4,106	262	639	901	43,426
March	524	650	2,492	219	3,885	312	569	881	44,982
April	507	699	2,658	153	4,017	396	648	1,044	42,288
May	519	587	2,635	180	3,968	287	585	872	44,717
June	485	433	2,777	135	3,830	363	579	942	39,694
July	452	358	3,184	162	4,156	266	706	972	43,616
August	614	482	2,876	153	4,125	341	595	936	48,692
1977-78 : July — Aug.	943	586	5,242	403	7,174	399	1,044	1,443	85,916
1978-79 : July — Aug.	1,066	840	6,060	315	8,281	607	1,301	1,908	92,308

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

PAINTS AND OTHER SURFACE COATINGS

Period	Architectural and decorative paints, enamels and clears (a)					Industrial paints, enamels and clears (incl. lacquers and water thinned industrial products) (b)		
	Solvent thinned		Water thinned		Tinting colours, all types packed for sale or transfer out	Finishing coats		
	Primers and undercoats	Finishing coats (c)	Plastic latex	Other water based		Primers and undercoats	Nitro- cellulose lacquers	Other
	(410.01)	(410.03, 05,07)	(410.11, 13,15)	(410.17)		(410.25)	(410.31,41)	(410.33, 43,45)
	— '000 litres —							
1975-76	12,660	29,893	31,878	286	500	10,690	4,909	34,267
1976-77	12,153	28,901	35,133	270	582	10,892	4,344	34,391
1977-78	11,832	27,945	36,090	332	492	9,965	4,299	33,585
1977 —								
July	970	2,283	2,885	21	61.1	807	354	2,923
August	983	2,288	3,164	20	45.6	937	356	2,993
September	1,037	2,366	3,270	25	32.5	863	351	3,145
October	990	2,296	2,882	23	41.3	641	287	2,436
November	1,130	2,869	4,014	25	39.6	1,045	459	3,582
December	989	2,423	3,094	15	32.4	771	339	2,535
1978 —								
January	821	1,821	2,316	18	25.1	492	203	1,810
February	981	2,334	2,908	28	36.5	809	409	2,761
March	1,054	2,539	3,024	29	44.7	935	435	3,092
April	964	1,999	2,535	17	41.8	802	327	2,424
May	1,039	2,540	3,324	56	46.1	967	416	3,045
June	875	2,186	2,676	54	44.8	894	362	2,842
July	910	2,085	2,632	76	48.0	879	391	2,659
August	966	2,191	2,815	148	55.6	847	409	3,001
1977-78 : July-Aug.	1,953	4,571	6,049	41	106.7	1,744	710	5,916
1978-79 : July-Aug.	1,876	4,276	5,447	224	103.6	1,726	800	5,660

PAINTS ETC. — continued AND THINNERS

Period	Wood stains (oil, spirit etc.) packed for sale or transfer out (d)	Marine coatings (e)	Bituminous paints not elsewhere included (f)	Water shedding preparations (410.69)	Other paints and coatings (g)	For nitro- cellulose coatings	For all other coatings
	(410.57)	(410.59)	(410.65)	(410.69)	(410.55,67,79)	(410.85)	(410.87)
	— '000 litres —						
1975-76	4,606	1,625	1,393	530	9,651	10,656	12,075
1976-77	5,166	1,694	1,382	770	9,928	10,496	12,744
1977-78	5,027	1,320	1,650	598	9,773	10,041	13,021
1977 —							
July	359	111	129	36.4	86.5	801	1,063
August	408	109	110	52.5	848	965	1,327
September	500	124	192	45.2	932	872	1,205
October	496	108	145	40.3	743	742	808
November	622	104	154	65.5	920	941	1,290
December	437	87	70	68.9	695	766	930
1978 —							
January	354	69	87	31.1	634	568	652
February	389	113	199	62.8	825	903	1,160
March	407	147	103	62.1	860	944	1,269
April	302	111	133	45.5	725	766	1,001
May	398	124	126	54.1	964	925	1,297
June	354	113	202	33.3	760	846	1,019
July	311	184	148	66.6	800	748	1,011
August	379	138	145	51.7	876	944	1,097
1977-78 : July-Aug.	767	220	239	88.9	1,713	1,765	2,390
1978-79 : July-Aug.	690	322	293	118.3	1,676	1,692	2,108

(a) Excludes heavy duty coatings. (b) Includes automotive. (c) Includes varnishes and clear plastic coatings such as floor treatment compounds and two-pack type coatings. (d) Includes per-pigmented, Medium and Crazote types for all uses including industrial. (e) Excludes super structure paints which are included with architectural and decorative paints. (f) Excludes car body sound deadeners, heavy duty coatings and marine bituminous coatings. (g) 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 - AUGUST 1978

Code No.	Item	N.S.W.	Vic.	Qld.	S.A.	W.A. & Tas.	Australia
- litres -							
Architectural and decorative paints, enamels and clears (a) -							
Solvent thinned -							
410.01	Primers and undercoats	380,759	256,449	240,521	49,890	38,325	965,944
Finishing coats, pigmented -							
410.03	Full gloss	619,595	332,555	256,549	64,778	59,791	1,333,268
410.05	Other than full gloss	289,706	215,560	52,937	29,330	21,244	608,777
410.07	Finishing coats, clear	143,666	79,266	7,969	9,845	8,598	249,344
Water thinned -							
Plastic latex							
410.11	Primers and undercoats	72,465	50,051	37,599	n.p.	n.p.	172,268
Finishing coats -							
410.13	Flat	742,579	566,655	168,605	110,704	154,290	1,742,833
410.15	Other than flat (satin, semi-gloss, gloss)	229,098	299,093	220,612	71,754	79,421	899,978
410.17	Other water based	84,817	n.p.	n.p.	n.p.	n.p.	148,133
410.25	Tinting colours, all types, packed for sale or transfer out	35,744	9,209	n.p.	n.p.	-	55,615
Industrial paints, enamels and clears (includes lacquers and water thinned industrial products) -							
Automotive -							
410.31	Primers and undercoats	82,004	201,603	n.p.	n.p.	n.p.	343,378
Finishing coats							
410.33	Nitro-cellulose lacquers	19,076	n.p.	-	n.p.	-	38,961
410.37	Other	n.p.	377,903	n.p.	n.p.	5,400	799,165
Other industrial -							
410.41	Primers and undercoats	202,003	178,594	73,159	24,068	26,155	503,979
Finishing coats -							
Nitro-cellulose lacquers -							
410.43	Clears	142,436	77,375	n.p.	n.p.	n.p.	264,790
410.45	Colours	52,682	37,079	5,174	n.p.	n.p.	104,929
Other -							
410.47	Clears	303,541	327,459	n.p.	5,083	n.p.	674,133
410.49	Colours	787,894	450,531	114,357	115,600	58,896	1,527,278
410.55	Heavy duty coatings	175,648	169,906	n.p.	3,950	62,058	501,516
410.57	Wood stains (oil, spirit, etc.) packed for sale or transfer out (b)	174,790	152,357	43,024	n.p.	n.p.	378,532
410.59	Marine coatings (c)	76,398	n.p.	n.p.	n.p.	n.p.	137,961
410.65	Bituminous paints, not elsewhere included (d)	139,711	1,883	n.p.	n.p.	n.p.	144,864
410.67	Decorative seamless flooring compounds	n.p.	-	-	n.p.	n.p.	5,858
410.69	Water shedding preparations	22,806	n.p.	9,982	11,482	n.p.	51,743
410.79	Other paints and coatings not elsewhere included (excludes leather dressings)	75,024	161,308	n.p.	n.p.	35,979	368,953
Thinners -							
410.85	For nitro-cellulose coatings	314,653	353,327	112,986	83,022	80,264	944,252
410.87	For all other coatings	462,998	280,614	181,207	116,925	54,981	1,096,725

PAPER

Period	Newsprint (351.11)	Printings (351.18)	Writings and duplicating (e) (351.25.29)	Wrapping		Other (f) (351.21.79)	Tissue and sanitary (351.51)	Total
				Kraft (351.41.43)	Other (351.49)			
				- tonnes -				
1975-76	206,227	46,344	69,944	303,232		29,332	89,246	744,325
1976-77	206,590	54,829	87,966	321,623		28,915	91,041	790,964
1977-78	207,621	69,982	93,474	323,087		35,252	93,586	812,405
1977 -								
July	17,876	3,999	8,175	26,232		2,509	7,800	66,591
August	17,860	4,949	7,885	25,630		2,778	8,427	67,529
September	17,935	5,248	7,816	33,249		2,040	7,664	73,952
October	18,155	6,361	6,933	24,698		2,591	7,195	65,933
November	17,102	6,193	6,164	33,819		3,160	7,669	74,107
December	13,870	3,014	7,135	34,287		3,512	6,777	68,595
1978 -								
January	16,323	5,477	5,479	14,222		4,136	6,829	52,466
February	16,810	6,875	6,516	22,077		2,859	7,196	62,333
March	18,293	5,917	6,428	26,021		2,011	7,630	66,300
April	17,932	7,708	7,082	24,194		3,025	9,881	69,822
May	18,128	7,042	7,763	27,932		3,258	7,752	71,185
June	17,337	7,199	6,788	30,726		3,373	8,766	73,592
July	19,117	6,711	7,551	12,258	13,645	1,719	9,275	70,276
August	18,851	6,958	7,564	13,485	14,851	2,039	8,548	72,296
1977-78 : July-Aug.	35,736	8,948	16,060	51,862		5,287	16,227	134,120
1978-79 : July-Aug.	37,968	13,669	15,115	25,743	28,496	3,758	17,823	142,572

(a) Excludes heavy duty coatings. (b) Includes part-pigmented, Madsen and Crescote types for all uses including industrial. (c) Excludes super structure paints which are included with architectural and decorative paints. (d) Excludes car body sound deadeners, heavy duty coatings and marine bituminous coatings. (e) Prior to July 1978, figure relate to code no. 351.29 only. (f) Prior to July 1978, includes code no. 351.25.

PULP, PAPER BOARDS AND PAPER FELTS

Period	Paper boards (b)							Paper felts (353.01)
	Wood pulp (a)			Coated box and carton (352.21)	Uncoated			
	Chemical (341.31-37)	Mechanical (341.39)	Other (341.45)		Box and container (352.13)	Box and carton (352.23) (c)	Other (352.33)	
	— tonnes —							
1975-76	162,152	173,766	219,748		217,878	118,917	45,515	52
1976-77	182,874	184,182	229,896		259,988	123,634	52,742	277
1977-78	189,815	193,368	243,187		250,919	119,573	44,798	69
1977 —								
July	14,991	16,572	17,254		19,012	10,113	3,049	—
August	12,686	17,630	20,946		20,597	11,379	3,104	—
September	17,790	14,851	23,097		25,769	9,861	4,509	—
October	15,854	15,046	21,117		20,548	8,594	3,450	—
November	14,516	18,425	22,652		20,063	10,545	5,700	18
December	17,876	13,921	21,344		24,019	12,032	1,767	46
1978 —								
January	16,567	13,722	13,545		18,118	4,963	2,599	5
February	15,890	16,255	17,477		18,240	10,296	3,135	—
March	16,484	15,148	19,583		19,729	10,461	4,382	—
April	14,168	16,142	22,728		15,372	11,092	4,003	—
May	15,500	18,241	22,286		24,733	10,813	4,599	—
June	17,493	17,415	21,158		24,719	9,424	4,501	—
July	16,178	14,787	18,005	n.p.	26,059	4,889	2,707	—
August	17,250	18,120	21,116	n.p.	19,319	5,902	2,928	70
1977-78 : July-Aug.	27,677	34,202	38,200	n.p.	39,609	21,492	6,153	—
1978-79 : July-Aug.	33,428	32,907	39,121	n.p.	45,378	10,791	5,635	70

ADHESIVE TAPES

Period	Produced in establishment					Converted from rolls purchased or transferred in				
	Gummed (liquid activated) (769.21.31)	Pressure sensitive (non-reinforced)				Gummed (liquid activated) (769.08.09)	Pressure sensitive (non-reinforced)			Pressure sensitive reinforced (e) (769.14.41)
		Original manufacture					Paper (769.15)	Cellulose and plastic (769.17.18)	Cloth and other (769.16.19)	
		Paper (769.51)	Cellulose (769.53)	Plastic (769.54)	Other (d) (769.52.59)					
		— '000 square metres —								
1975-76	1,560	9,610	6,830	6,868	192	3,241	2,740	4,279	396	756
1976-77	n.p.	9,163	6,233	7,440	246	2,479	2,426	2,638	465	572
1977-78	n.p.	8,223	5,368	8,146	264	2,933	2,411	530	311	544
1977 —										
July	547	725	487	633	n.p.	n.p.	30	22	34	
August	1,428	732	445	666	230	133	52	20	47	
September	583	776	428	948	253	144	69	49	54	
October	n.p.	885	297	905	n.p.	181	50	37	21	
November	1,220	1,112	439	80	281	n.p.	42	23	60	
December	555	466	568	701	n.p.	94	37	27	20	
1978 —										
January	n.p.	279	144	376	n.p.	139	18	14	30	
February	1,005	686	415	516	315	196	94	28	32	
March	762	454	479	656	n.p.	n.p.	48	19	63	
April	673	690	543	783	273	233	37	28	53	
May	637	678	572	624	272	n.p.	17	20	70	
June	507	741	502	792	169	n.p.	35	24	60	
July	330	793	640	716	51	171	33	18	53	
August	630	967	494	1,069	29	244	35	33	44	
1977-78 : July-Aug.	1975	1457	932	1,299	n.p.	n.p.	82	42	81	
1978-79 : July-Aug.	960	1,760	1,134	1,785	80	415	68	51	97	

(a) Quantities shown represent tonnes air-dried. (b) Paper exceeding 205 grammes per square metre is classified as paper board. (c) Prior to July 1978, includes code no. 352.21. (d) Includes cloth. (e) Refers to production in the establishment and conversion from rolls purchased or transferred in.

SOAP

Period	For personal toilet use				For other purposes - non-abrasive			
	Toilet			Total	Powder and granule			
	Solid and powder (805.01, 03)	Liquid and paste (805.05)	Shampoo (805.08)		Shaving (a) (805.10, 11, 13)	Solid (bar), flakes, and chips (b) (805.22, 24, 46, 48, 58)	Small packs (c) (805.26)	Large packs (d) (805.50)
	- tonnes -							
1975-76	26,209	722	1,012	£ 2	28,835	12,876	7,690	1,781
1976-77	25,352	717	1,333	879	28,281	12,965	7,092	1,843
1977-78	26,824	621	1,607	972	30,024	10,865	6,075	1,835
1977 -								
July	2,712	46	110	81	2,949	1,131	641	211
August	2,447	51	103	114	2,715	936	412	203
September	2,458	59	104	42	2,663	913	611	149
October	2,030	51	106	119	2,306	1,164	312	79
November	2,650	56	111	102	2,919	929	545	210
December	1,792	44	83	91	2,010	661	659	105
1978 -								
January	746	46	112	26	930	566	190	75
February	2,603	58	153	91	2,905	909	572	135
March	2,118	53	148	119	2,438	884	508	140
April	2,294	50	138	80	2,562	834	556	188
May	2,513	57	185	52	2,807	1,083	475	156
June	2,461	50	254	55	2,820	855	594	187
July	2,709	53	198	52	3,012	1,085	554	105
August	2,972	58	174	114	3,318	999	551	166
1977-78 : July-Aug.	5,159	97	213	195	5,664	2,067	1,053	414
1978-79 : July-Aug.	5,681	111	372	166	6,330	2,084	1,105	271

SOAP - continued AND ABRASIVE CLEANSERS AND SCOURERS

Period	For other purposes - non-abrasive - continued						Abrasive cleansers and scourers			
	Liquid				Soft (incl. paste)		Total	Small packs (c)		
	Disinfectant type (e)		Non-disinfectant type					Granules and powder (805.38)	Paste (805.40)	Large packs (d) (805.60)
	Small packs (c) (805.30)	Large packs (d) (805.52)	Small packs (c) (805.32)	Large packs (d) (805.54)	Small packs (c) (805.14)	Large packs (d) (805.56)				
	- tonnes -									
1975-76	599	2,162	580	3,107	9	632	29,436	946	478	872
1976-77	594	1,998	827	3,206	831		29,356	485	360	697
1977-78	801	2,465	695	2,813	590		26,142	468	359	708
1977 -										
July	52	230	57	269	52		2,643	37	34	63
August	40	229	57	288	41		2,206	62	27	76
September	43	190	56	255	39		2,256	32	36	61
October	45	194	86	222	39		2,141	51	27	53
November	49	215	64	230	46		2,288	69	24	67
December	47	184	69	213	26		1,964	37	33	56
1978 -										
January	66	141	69	196	35		1,338	5	23	34
February	45	192	54	252	62		2,221	44	29	66
March	50	245	60	216	82		2,185	30	34	57
April	103	240	35	219	67		2,242	13	31	66
May	118	218	52	223	57		2,382	37	28	59
June	143	187	36	230	44		2,276	51	33	50
July	86	161	51	232	48		2,322	31	35	63
August	107	204	41	214	61		2,343	n.p.	33	56
1977-78 : July-Aug.	92	459	114	557	93		4,849	99	61	139
1978-79 : July-Aug.	193	365	92	446	109		4,665	n.p.	68	119

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

DETERGENTS

Period	Synthetic									
	Non-abrasive									
	Abrasive cleaners and scourers				For personal toilet use			For other purposes		
	Small packs				Solid and powder (806.02)	Liquid paste and cream		Liquid paste and cream		Other (806.10, 14.30.32)
	Powder and granule (806.20)	Paste and cream (806.22)	Solid (806.18)	Large packs (806.36)		Toilet (806.04)	Shampoo (806.06)	Small packs (a) (806.16)	Large packs (b) (806.34)	
1975-76	10,537	—	—	860	1,572	7,112	53,520	23,132	81,686	178,586
1976-77	9,288	—	—	900	1,391	7,557	51,347	24,276	79,450	171,209
1977-78	10,038	—	—	974	1,646	9,017	53,060	24,952	81,911	181,598
1977 -										
July	1,101	—	—	94	187	689	4,934	2,186	9,049	18,240
August	851	—	—	75	157	733	4,435	2,169	7,560	15,980
September	1,137	—	—	77	147	780	4,629	2,061	8,211	17,042
October	1,061	—	—	82	106	777	4,926	1,762	8,277	16,991
November	993	—	—	102	146	934	4,727	2,114	7,226	16,242
December	846	—	—	61	166	647	4,618	2,011	5,235	13,584
1978 -										
January	164	—	—	45	118	423	2,259	1,610	2,010	6,629
February	1,012	—	—	60	137	766	5,622	2,310	7,777	17,684
March	559	—	—	65	139	753	4,150	2,224	5,729	13,619
April	631	—	—	88	121	961	4,346	2,021	6,742	14,910
May	996	—	—	103	113	897	4,309	2,181	8,018	16,617
June	687	—	—	122	109	657	4,105	2,303	6,077	14,060
July	527	—	—	73	121	686	4,930	2,241	7,906	16,484
August	825	—	—	73	151	868	5,166	1,984	8,133	17,200
1977-78 : July-Aug.	1,952	—	—	169	344	1,422	9,369	4,355	16,609	34,220
1978-79 : July-Aug.	1,352	—	—	146	272	1,554	10,096	4,225	16,039	33,684

DETERGENTS - continued AND PLASTIC COATED MATERIALS (c)

Period	Plastic coated materials									
	Other detergents				Vinyl chloride (incl. co-copolymers on knitted or woven textile material)		Vinyl chloride (incl. co-polymers and polyvinylidene chloride on paper or paperboard (excl. bitumen treated) (424.33.51)	Polyethylene		Other polymers on knitted and woven textile materials (424.61)
	Alkaline (806.40)	Emulsion cleansers (806.44)	Other (incl. acid cleansers) (806.22, 42.45)	Total detergents	Expanded (424.30)	Other (424.32)	On regenerated cellulose film (424.42)	On other substitutes (424.43-47)		
	— tonnes —				— '000 square metres —					
1975-76	18,952	5,310	6,963	209,644	6,209	9,320	10,240	17,173	40,754	5,299
1976-77	21,776	5,714	7,356	209,055	5,503	8,340	n.p.	16,739	36,462	5,239
1977-78	20,880	6,621	7,377	216,476	4,699	7,601	n.p.	11,437	33,654	4,925
1977 -										
July	1,471	698	619	21,028	467	616	n.p.	1,030	3,419	362
August	1,835	774	481	19,070	496	894	n.p.	1,211	3,218	559
September	1,706	714	587	20,049	500	835	n.p.	1,330	2,866	413
October	1,512	580	505	19,588	282	590	n.p.	1,044	4,153	377
November	1,671	492	704	19,099	475	673	n.p.	1,306	3,433	474
December	1,852	518	630	16,584	270	423	n.p.	1,453	2,021	443
1978 -										
January	2,117	354	513	9,613	203	262	n.p.	290	981	227
February	1,653	466	673	20,476	240	608	n.p.	755	2,352	476
March	1,739	469	742	16,569	401	581	n.p.	1,062	3,004	361
April	1,856	538	707	18,067	406	609	n.p.	605	1,738	272
May	1,814	542	619	19,592	518	870	n.p.	516	4,278	429
June	1,654	486	597	16,797	439	641	n.p.	836	2,190	533
July	1,652	451	633	19,220	511	719	n.p.	841	3,873	390
August	1,669	492	548	19,909	490	679	n.p.	499	6,870	385
1977-78 : July-Aug.	3,306	1,472	1,100	40,098	963	1,510	n.p.	2,241	6,637	921
1978-79 : July-Aug.	3,321	943	1,181	39,129	1,001	1,398	n.p.	1,340	10,743	775

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

10. JUN 1980

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

Period	Vinyl chloride including co-polymers (423.02.03,06,07)	Polyethylene		Poly- styrene (423.31.35)	Other (d) (423.41,45,61,65)	Total
		Low density (b) (423.11,15)	High density (c) (423.21,25)			
		- '000 kilograms -				
1975-76	15,674	54,319	1,393	6,817	11,248	89,651
1976-77	15,473	59,991	1,813	8,727	13,007	99,011
1977-78	15,385	64,719	1,965	8,225	12,820	103,315
1977 -						
July	1,407	4,993	182	671	1,201	8,454
August	1,729	5,534	169	720	1,180	9,331
September	1,490	5,076	186	830	1,230	8,812
October	1,102	4,417	158	744	1,069	7,490
November	1,647	6,620	244	799	1,617	10,927
December	954	4,683	156	663	1,023	7,479
1978 -						
January	515	3,878	68	450	843	5,753
February	1,133	6,171	234	679	1,089	9,306
March	1,136	5,724	194	733	994	8,782
April	1,219	5,553	166	622	757	8,317
May	1,695	6,129	208	638	846	9,516
June	1,358	5,942	201	676	971	9,148
July	1,250	5,395	223	712	1,048	8,628
August	1,465	6,443	189	886	1,185	10,168
1977-78 : July-Aug.	3,136	10,527	351	1,391	2,381	17,785
1978-79 : July-Aug.	2,715	11,838	412	1,598	2,233	18,796

UNSUPPORTED PLASTICS FILM, FOIL AND SHEETING (a) - 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, 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 -						
1975-76	9,787	60,901	70,688	5,887	13,076	18,963
1976-77	8,743	67,543	76,286	6,730	15,995	22,725
1977-78	8,356	72,667	81,023	7,028	15,264	22,293
1977 -						
July	675	5,727	6,402	732	1,320	2,052
August	776	6,282	7,058	953	1,321	2,273
September	794	5,867	6,661	695	1,455	2,151
October	570	5,068	5,638	532	1,320	1,852
November	786	7,667	8,453	861	1,613	2,474
December	514	5,295	5,809	441	1,230	1,670
1978 -						
January	304	4,293	4,597	211	945	1,156
February	655	6,951	7,606	478	1,222	1,700
March	690	6,379	7,070	446	1,266	1,712
April	779	5,968	6,748	439	1,130	1,569
May	946	6,604	7,550	749	1,218	1,967
June	867	6,565	7,431	491	1,225	1,716
July	703	5,991	6,694	547	1,386	1,934
August	886	7,016	7,902	579	1,687	2,266
1977-78 : July-Aug.	1,451	12,009	13,460	1,685	2,641	4,325
1978-79 : July-Aug.	1,589	13,007	14,596	1,126	3,073	4,200

(a) Rigid and flexible (includes lay flat tubing) - not profile. Includes film or sheet used in further production in the same establishment. (b) S.G. less than 0.941. (c) 0.941 S.G. and above. (d) Includes cellulose acetate.