

AUSTRALIAN BUREAU OF STATISTICS Canberra

CATALOGUE NO. 8357.0

NOON 2 OCTOBER 1979

PRODUCTION BULLETIN NO. 1 : ELECTRICITY, GAS AND ELECTRICAL APPLIANCES AUSTRALIA, JULY 1979

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 publication is one of a series of eight 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 publication 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. Furthermore, combinations of commodities are arranged 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 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 publication 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 these and other series are given in *Seasonally Adjusted Indicators* (1308.0).

Related publications

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

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. 6 : Chemicals and By-products (8362.0)

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

P. J. CAMERON
Australian Statistician

INDEX

	<i>Page</i>		<i>Page</i>
Air conditioning	6	Irons, hand	5
Antennae, T.V.	8		
Automotive storage batteries	4	Jugs and kettles, electric	5
Blankets, electric	5	Kettles and jugs, electric	5
Cassette tapes	11	Meters	11
Chokes and ballasts	9	Mixers, food, electric	5
Clothes dryers	6	Motors, electric	7
Clothes washing machines	6		
Coffee makers, electric	5		
		Radiators, electric	5
Dryers, clothes	6	Radiograms	8
		Radios	8
Electrical appliances	5,6	Record players	8
Electricity		Records, radiogram	11
Hydro	3	Refrigerators	6
Thermal	3	Room heaters, electric	5
Electric motors	7		
Electrodes, for manual welding	11	Shavers, electric	5
		Storage batteries	4
Fans, electric	5		
Fires, electric	5	Toasters, electric	5
Floor polishers	5	Transformers	9
Freezers, domestic	6	T.V. Sets, and antennae	8
Frypans, electric	5		
Gas	4	Vacuum cleaners, electric	5
Gramophone records	11		
		Washing machines, clothes	6
Hand irons	5		

ELECTRICITY (a)

Period	Thermal (499.46)	Hydro (499.44)	Total	
			Original (499.42)	Seasonally adjusted (b)
— Million kWh —				
1976-77	68,808	13,714	82,522	..
1977-78	71,445	14,650	86,095	..
1978-79	74,696	16,174	90,871	..
1978 —				
June	6,854	1,228	8,082	7,376
July	7,157	1,398	8,555	7,437
August	6,911	1,475	8,386	7,479
September	6,125	1,428	7,553	7,381
October	6,208	1,189	7,398	7,445
November	5,908	1,204	7,112	7,523
December	5,784	1,102	6,886	7,487
1979 —				
January	5,692	1,385	7,077	7,783
February	5,541	1,279	6,820	7,694
March	5,897	1,530	7,426	7,653
April	5,894	1,249	7,143	7,713
May	6,733	1,542	8,275	7,862
June	6,847	1,394	8,240	7,550
July	7,503	1,475	8,979	7,804

ELECTRICITY — STATES (a) (c)

Period	N.S.W.	Vic. and W.A.	Qld (499, 42)	S.A. & N.T.	Tas.	Australia
— Million kWh —						
1976-77	31,793	26,235	10,383	7,268	6,842	82,522
1977-78	33,663	26,580	11,065	7,607	7,179	86,095
1978-79	35,688	27,946	11,794	7,707	7,748	90,883
1978 —						
June	3,287	2,521	939	674	661	8,082
July	3,503	2,605	1,005	716	725	8,555
August	3,471	2,492	1,021	688	715	8,386
September	2,945	2,343	972	638	655	7,553
October	2,847	2,280	1,012	609	649	7,398
November	2,685	2,231	979	606	611	7,112
December	2,505	2,231	939	607	604	6,886
1979 —						
January	2,685	2,182	961	660	589	7,077
February	2,718	2,017	907	624	554	6,820
March	2,928	2,242	999	640	617	7,426
April	2,684	2,287	949	587	635	7,143
May	3,346	2,519	1,034	673	704	8,275
June	3,372	2,517	1,004	657	690	8,240
July	3,615	2,788	1,109	732	734	8,979

(a) Figures represent estimates of total electricity generated by public utilities, factories generating for their own use, and factories supplying electricity for domestic and other consumption. (b) See paragraph 6, Explanatory notes. (c) Statistics relate to generation of electricity within each State and take no account of interchange between States. Furthermore, details for Victoria exclude Victorian entitlements to generation from the Hume Power Station and the Snowy Mountains Hydro-electric Scheme.

GAS AVAILABLE FOR ISSUE THROUGH MAINS (a)

Period	N.S.W.	Vic.	Qld (434.19)	W.A.	S.A. and Tas.	Australia	
						Original	Seasonally adjusted (b)
- Million Megajoules -							
1976-77	14,689	n.p.	n.p.	31,767	n.p.	231,882	..
1977-78	n.p.	n.p.	n.p.	30,426	n.p.	258,789	..
1978-79	n.p.	n.p.	n.p.	31,259	n.p.	275,246	..
1978 -							
June	n.p.	n.p.	n.p.	2,477	n.p.	26,323	22,838
July	n.p.	n.p.	n.p.	2,615	n.p.	28,038	22,892
August	n.p.	n.p.	n.p.	2,673	n.p.	26,776	22,288
September	n.p.	n.p.	n.p.	2,696	n.p.	22,886	21,162
October	n.p.	n.p.	n.p.	2,721	n.p.	22,622	22,103
November	n.p.	n.p.	n.p.	2,579	n.p.	22,404	24,323
December	n.p.	n.p.	n.p.	2,489	n.p.	19,795	23,094
1979 -							
January	n.p.	n.p.	n.p.	2,416	n.p.	18,839	23,542
February	n.p.	n.p.	n.p.	2,343	n.p.	18,892	22,879
March	n.p.	n.p.	n.p.	2,687	n.p.	20,823	23,090
April	n.p.	n.p.	n.p.	2,614	n.p.	22,212	23,677
May	n.p.	n.p.	n.p.	2,684	n.p.	25,076	23,571
June	n.p.	n.p.	n.p.	2,742	n.p.	26,884	23,334
July	n.p.	n.p.	n.p.	2,797	n.p.	29,784	24,134

STORAGE BATTERIES - WET CELL (c)

Period	Automotive starting, lighting and ignition				2 volt cells for:			
	6 volt		12 volt		Radio, home lighter and fence batteries		Traction	Other batteries (d)
	New (685.13)	Rebuilt (685.15)	New (685.17)	Rebuilt (685.19)	New (685.33)	Rebuilt (685.35)	New (685.43)	(e)
	- Number -							
1976-77	289,487	3,706	2,556,691	16,607	15,792	297	151,466	
1977-78	283,625	2,812	2,843,431	14,024	14,388	189	84,325	83,575
1978-79	263,846	2,436	2,967,020	13,031	11,104	204	97,132	79,390
1978 -								
June	34,911	213	313,729	1,178	2,630		9,105	6,389
July	24,763	271	279,267	1,574	1,065		7,599	6,305
August	26,247	204	272,248	994	3,193		9,965	7,226
September	27,258	198	277,572	920	669		8,913	7,515
October	22,062	191	241,217	787	656		n.p.	7,224
November	22,774	198	264,184	1,049	1,307		n.p.	7,177
December	18,403	132	200,022	893	296		n.p.	7,126
1979 -								
January	8,907	134	135,647	840	549		n.p.	4,447
February	22,201	161	243,693	993	642		n.p.	6,903
March	18,537	244	288,413	1,218	963		6,891	5,841
April	16,989	226	212,059	1,095	579		n.p.	2,519
May	22,421	271	286,602	1,312	757		n.p.	6,066
June	33,284	206	266,096	1,356	632		9,648	11,041
July	24,269	70	279,686	379	2,855		9,738	16,745

(a) Includes natural gas. (b) See paragraph 6 Explanatory notes. (c) Includes dry charged batteries, but excludes dry-cell batteries. (d) Includes plants (power plant installations). (e) Code numbers 685.45, 53, 55, 63, 65.

ELECTRICAL APPLIANCES (a)

Period	Vacuum cleaners (692.02,04)	Hand irons (693.51, 61.63)	Dry shavers (699.01,03)	Toasters automatic and other (661.21,23)	Hot water jugs		Kettles (699.25)	Coffee makers (699.27,29)
					Automatic (699.22)	Other (699.23)		
- Number -								
1976-77	189,808	928,453	170,092	583,403	172,794	225,918	212,232	96,826
1977-78	186,270	694,950	167,784	481,666	143,144	205,539	269,117	46,659
1978-79	217,112	674,513	113,376	772,442	156,324	179,856	235,825	47,307
1978 -								
June	18,202	66,382	n.p.	41,466	13,256	21,300	17,717	n.p.
July	19,548	67,983	13,701	60,577	8,885	15,993	19,184	n.p.
August	20,034	59,965	10,742	70,327	17,196	22,274	18,999	n.p.
September	14,774	53,821	16,233	79,834	15,393	19,366	15,051	n.p.
October	23,944	70,266	10,665	76,719	15,632	14,421	28,960	n.p.
November	23,225	67,175	13,686	74,034	16,730	22,809	27,215	n.p.
December	18,992	65,009	10,182	62,195	11,224	14,637	23,791	n.p.
1979 -								
January	9,428	n.p.	n.p.	22,814	9,355	5,198	9,147	n.p.
February	18,451	n.p.	n.p.	49,495	9,360	12,670	20,718	2,458
March	17,256	55,795	12,715	75,522	14,231	15,069	23,147	3,313
April	14,753	56,669	15,302	57,293	12,858	11,891	15,581	n.p.
May	21,158	48,854	n.p.	66,037	14,653	15,231	18,886	n.p.
June	15,549	55,946	n.p.	77,595	10,807	10,297	15,146	n.p.
July	19,419	72,123	n.p.	71,915	10,998	14,001	23,861	n.p.

ELECTRICAL APPLIANCES (a) - continued

Period	Frypans (b) (661.33)	Mixers - beater & pulverizer type (691.01,02)	Blankets (including mattress overlays) (c) low & main voltage (699.81,85)	Floor polishers (d) (692.21,23)	Propeller type fans (complete) (e) (696.01-05)	Radiators, electric fires, and room heaters	
						With visible heating units (651.11)	Other types (651.14-20)
- Number -							
1976-77	603,519	405,509	599,117	17,645	499,210	469,735	206,406
1977-78	473,097	303,980	682,324	12,015	406,241	479,137	261,130
1978-79	366,477	237,746	619,490	8,948	410,586	437,378	250,183
1978 -							
June	n.p.	26,547	66,607	1,212	27,452	42,265	35,357
July	n.p.	30,132	33,894	517	n.p.	26,348	17,116
August	n.p.	24,722	66,191	818	n.p.	20,015	16,979
September	n.p.	19,821	56,293	1,271	47,822	n.p.	2,843
October	n.p.	27,973	69,465	792	47,978	n.p.	12,442
November	n.p.	30,902	66,807	696	46,527	29,260	7,429
December	n.p.	21,445	46,828	506	35,728	n.p.	18,798
1979 -							
January	n.p.	6,096	n.p.	219	14,348	n.p.	n.p.
February	n.p.	14,238	n.p.	428	36,338	61,809	n.p.
March	n.p.	19,267	64,247	710	38,010	70,654	34,791
April	n.p.	15,149	54,015	556	24,734	48,148	41,824
May	n.p.	11,607	42,683	1,458	28,954	60,425	36,795
June	n.p.	16,394	30,156	977	24,313	42,707	25,611
July	n.p.	19,109	25,583	1,126	33,862	22,135	12,161

(a) Domestic unless otherwise stated. Excludes stoves and hot water systems. (b) Includes deep fryers, electric saucepans and the like. (c) Excludes heating pads. (d) Includes commercial type. (e) Excludes fans incorporated in other equipment or used with ducting.

ELECTRICAL APPLIANCES (a) - continued

Period	Refrigerators (electric)				Air conditioners (complete units)							Total
	Twin door			Original	Seasonally adjusted (b)	Room refriger- ated (657.03, 05)	Package units					
	Single door (657.33)	Frost free (657.34)	Other (657.35)				Capacity					
							Up to and incl. 17.5 kw (657.21)	Over 17.5 kw up to and incl. 35 kw (657.22)	Over 35 kw (657.23)			
— Number —												
1976-77	105,064	50,856	111,851	267,771	..	41,006	21,202	1,126	675	64,009		
1977-78	94,824	52,403	117,980	265,207	..	41,653	18,605	1,723	705	62,686		
1978-79	86,537	52,710	95,130	234,377	..	45,410	21,409	2,285	1,161	70,265		
1978 -												
June	9,547	4,852	8,698	23,097	22,753	2,116	935	127	76	3,254		
July	8,849	4,643	8,865	22,357	22,045	2,465	1,340	98	72	3,975		
August	7,537	4,686	8,192	20,415	17,307	2,609	1,379	118	109	4,215		
September	6,771	4,514	11,128	22,413	19,745	3,772	2,702	77	92	6,643		
October	8,936	4,496	8,935	22,367	19,543	4,532	2,507	167	90	7,296		
November	9,999	4,695	11,042	25,736	20,341	4,270	2,703	307	118	7,398		
December	5,777	3,805	6,868	16,450	19,216	3,514	2,671	272	63	6,520		
1979 -												
January	4,865	2,137	4,461	11,463	18,395	2,439	1,866	368	35	4,708		
February	6,831	3,261	5,488	15,580	15,998	4,256	1,888	245	83	6,472		
March	7,574	7,025	7,244	21,843	20,449	4,759	1,339	162	138	6,398		
April	4,006	3,252	5,418	12,676	17,992	2,870	846	121	122	3,959		
May	7,453	4,976	9,350	2,779	20,950	5,037	940	196	109	6,282		
June	7,939	5,220	8,139	21,298	22,110	4,887	1,228	154	130	6,399		
July	8,854	4,190	10,190	23,234	22,447	5,118	1,416	194	91	6,819		

ELECTRICAL APPLIANCES (a) - continued

Period	Clothes washing machines						Total	Clothes dryers, rotary and cabinet type (693.25-27)	
	Domestic freezers		Fully automatic (c) (693.02)	Semi- automatic (d) and wringer drying (693.06,12)	Spin- drying (693.16,18)				
	Upright (657.53)	Chest (657.54)							
— Number —									
1976-77	21,078	74,039	201,179	31,766	65,744	298,689	..	142,585	
1977-78	25,940	49,573	196,114	24,967	52,539	273,620	..	122,735	
1978-79	25,394	64,983	283,117	25,547	47,171	355,835	..	196,637	
1978 —									
June	2,538	n.p.	21,057	n.p.	n.p.	26,932	26,180	18,248	
July	n.p.	n.p.	21,320	n.p.	n.p.	25,383	24,078	19,898	
August	n.p.	n.p.	25,824	n.p.	n.p.	32,500	26,645	11,447	
September	n.p.	n.p.	24,944	n.p.	n.p.	33,133	28,664	n.p.	
October	2,643	n.p.	23,311	n.p.	n.p.	31,602	28,053	n.p.	
November	n.p.	n.p.	28,525	n.p.	n.p.	37,289	30,130	n.p.	
December	n.p.	n.p.	19,692	n.p.	n.p.	24,959	31,610	n.p.	
1979 —									
January	n.p.	5,570	17,348	n.p.	n.p.	20,205	38,407	n.p.	
February	2,220	6,371	24,535	n.p.	n.p.	30,124	31,990	n.p.	
March	2,814	3,472	24,866	n.p.	n.p.	28,314	27,573	20,137	
April	1,681	3,539	15,849	n.p.	n.p.	20,284	28,010	18,917	
May	1,786	5,679	30,964	n.p.	n.p.	38,895	32,753	32,035	
June	1,886	n.p.	25,939	n.p.	n.p.	33,147	33,010	29,955	
July	2,735	n.p.	27,350	n.p.	n.p.	34,688	32,555	28,395	

(a) Domestic unless otherwise stated. (b) See paragraph 6 Explanatory Notes. (c) Complete washing cycle with one set of controls. (d) Incorporating a timing device but requiring a separate setting of controls to perform each function e.g. washing, rinsing, drying.

ELECTRIC MOTORS UNDER 720W (a)

Period	Up to and including 16k (503.13)	Over 16W up to and including 40W (503.14)	Over 40W up to and including 80W (503.15)	Over 80W up to and including 130W (503.16)	Over 130W up to and including 190W (503.22)	Over 190W up to and including 260W (503.23)	Over 260W up to and including 380W (503.24)	Over 380W and under 720W (502.25,26)	Total under 720W	
									Original	Seasonally adjusted (b)
- '000 -										
1976-77	540	180	201	657	626	324	165	234	2,945	..
1977-78	399	106	152	646	531	281	93	293	2,501	..
1978-79	526	102	133	699	645	304	115	320	2,844	..
1978 -										
June	24	11.0	9.9	50.0	57.5	22.5	9.8	20.3	205	203
July	40	11.3	12.4	55.7	60.0	27.2	7.1	26.0	239	229
August	43	5.6	15.3	59.8	60.5	26.6	7.5	27.9	246	209
September	45	11.7	17.1	73.6	73.0	28.7	10.3	29.9	289	256
October	55	11.7	13.8	67.1	55.2	27.5	7.9	28.5	267	230
November	60	13.5	16.3	61.5	55.8	34.2	11.5	33.2	286	228
December	42	9.6	14.2	52.4	57.6	24.4	10.2	28.1	238	252
1979 -										
January	15	4.9	6.2	21.0	n.p.	16.6	n.p.	11.0	100	229
February	40	9.0	10.9	45.0	n.p.	23.8	n.p.	31.0	219	238
March	63	7.0	9.0	67.5	66.5	25.7	11.5	27.3	277	259
April	44	6.4	5.5	57.8	42.4	22.0	10.4	21.1	209	249
May	42	5.5	5.6	66.1	49.0	23.0	13.1	28.9	233	235
June	39	6.1	7.1	71.7	55.4	24.6	10.1	26.7	241	246
July	46	6.5	5.4	77.0	61.8	26.0	8.0	28.1	259	241

ELECTRIC MOTORS 720W AND OVER (a)

Period	720W and under 1850W (503.27)	1850W and under 3710W (503.28)	3,71kW and under 7,2kW (503.29)	7,2kW and under 37,1kW (503.30)	37,1kW and under 72kW (503.31)	72kW and over (503.32)	Total 720W and over		Total electric motors
							Original	Seas. adj. (b)	
- '000 -									
1976-77	261	15.9	8.4	6.6	0.93	0.82	293	..	3,238
1977-78	270	18.4	7.6	5.4	0.71	0.73	303	..	2,804
1978-79	315	15.2	8.1	6.2	0.65	0.98	346	..	3,190
1978 -									
June	23.6	2.05	0.77	0.35	0.06	0.06	26.9	29.8	232
July	27.0	0.67	0.79	0.42	0.05	0.04	29.0	28.0	268
August	27.8	1.40	0.74	0.72	0.06	0.11	30.8	26.4	277
September	23.7	1.65	0.75	0.56	0.05	0.08	26.8	25.1	316
October	31.5	2.58	0.61	0.34	0.07	0.08	35.2	29.5	302
November	30.9	1.38	0.56	0.58	0.06	0.09	33.6	28.2	319
December	25.3	0.52	0.43	0.68	0.05	0.06	27.1	28.0	265
1979 -									
January	14.2	0.56	0.33	0.26	n.p.	n.p.	15.4	41.2	116
February	28.6	1.61	1.09	0.35	n.p.	n.p.	31.8	30.8	250
March	26.6	1.03	0.58	0.81	0.07	0.11	29.2	25.4	306
April	22.8	1.15	0.62	0.31	0.06	0.08	25.1	28.9	234
May	30.6	1.53	0.70	0.56	0.05	0.11	33.5	32.0	266
June	25.7	1.16	0.89	0.66	0.05	0.07	28.5	31.5	269
July	26.5	1.27	0.35	0.39	0.07	0.09	28.6	27.7	288

(a) Includes those made and incorporated in manufacturers' own products. (b) See paragraph 6 Explanatory Notes.

COLOUR TELEVISION SETS

COLOUR TELEVISION SETS					
Period	Up to and incl. 51 cm (643.57,58)	Over 51 cm up to and incl. 56 cm (643.59)	Over 56cm (643.60)	Total	
				Original	Seas. adjusted(a)
- Number -					
1976-77	26,688	228,791	261,617	517,096	..
1977-78	67,001	126,799	131,383	325,183	..
1978-79	101,732	95,422	87,027	284,181	..
1978 -					
June	7,926	10,569	8,769	27,264	24,136
July	8,348	9,258	8,978	26,584	25,306
August	7,827	10,925	8,161	26,913	22,990
September	9,300	7,631	9,768	26,699	23,230
October	9,774	8,629	5,361	23,764	22,389
November	10,783	7,503	9,985	28,271	23,225
December	6,876	5,820	6,188	18,884	23,690
1979 -					
January	2,390	4,053	2,579	9,022	22,684
February	7,654	7,954	6,989	22,597	23,139
March	9,354	9,633	9,652	28,639	26,213
April	7,577	6,769	5,474	19,820	22,734
May	13,629	9,899	6,901	30,429	27,123
June	8,220	7,348	6,991	22,559	21,278
July	10,742	8,090	9,203	28,015	25,789

TELEVISION RECEIVING ANTENNA*, RADIOS, RECORD PLAYERS

Period	Television receiving antennae		Radiograms (b) and radios		Record players (c) single and multiple play (646.01,03,11,14)
	Indoor (incl. in built telescopic type) (649.43)	Outdoor and loft (649.45)	Original (643.01,03,15,27,35,37)	Seas. adj. (a)	
— Number —					
1976-77	263,922	378,759	50,300	..	19,844
1977-78	198,710	286,426	160,838	..	12,888
1978-79	181,162	252,780	181,713	..	n.p.
1978 —					
June	12,807	25,714	n.p.	n.p.	n.p.
July	11,516	22,132	n.p.	n.p.	n.p.
August	16,927	21,248	n.p.	n.p.	n.p.
September	12,385	22,129	n.p.	n.p.	n.p.
October	8,925	20,963	n.p.	n.p.	n.p.
November	n.p.	26,414	n.p.	n.p.	—
December	n.p.	18,915	n.p.	n.p.	—
1979 —					
January	n.p.	12,923	n.p.	n.p.	—
February	n.p.	n.p.	n.p.	n.p.	—
March	14,244	n.p.	n.p.	n.p.	—
April	16,282	18,941	n.p.	n.p.	—
May	15,678	19,271	n.p.	n.p.	—
June	n.p.	n.p.	n.p.	n.p.	—
July	16,356	22,081	n.p.	n.p.	—

(a) See paragraph 6 Explanatory Notes. (b) Complete with built-in record player or changer. Excludes single play. (c) Complete with built-in amplifier, speaker(s) and record player in case or cabinet.

**ELECTRICAL POWER FREQUENCIES TRANSFORMERS, CHOKES AND
BALLASTS FOR TRANSMISSION AND DISTRIBUTION OF POWER (a)**

Period	Over 1 kVA up to and including 50kVA		Over 50 kVA up to and including 500 kVA (683.05)	Over 500 kVA up to and including 1,000 kVA (683.07)	Over 1,000 kVA up to and including 10,000 kVA (683.09)	Over 10,000 kVA (683.11)	Total
	Single phase (683.03)	Three phase (683.04)					
— Number —							
1976-77	10,063	2,981	3,856	447	210	82	17,639
1977-78	10,309	2,615	4,345	542	274	71	18,136
1978-79	11,892	2,182	4,262	609	239	64	19,248
1978 —							
June	1,105	210	363	136	n.p.	n.p.	1,839
July	1,391	166	281	38	n.p.	n.p.	1,897
August	1,054	255	406	108	n.p.	n.p.	1,840
September	703	115	286	49	n.p.	n.p.	1,189
October	1,307	247	329	46	25	5	1,959
November	680	212	390	46	25	4	1,357
December	1,100	215	379	52	24	6	1,776
1979 —							
January	411	114	114	33	n.p.	n.p.	685
February	917	176	348	32	n.p.	n.p.	1,500
March	1,356	153	448	49	n.p.	n.p.	2,025
April	1,072	162	325	47	n.p.	n.p.	1,641
May	1,038	178	476	62	18	8	1,780
June	863	189	391	47	n.p.	n.p.	1,510
July	1,324	301	330	69	17	9	2,050

ELECTRICAL POWER FREQUENCIES TRANSFORMERS, etc. (Total kVA)

Period	Over 1 kVA up to and including 50 kVA		Over 50 kVA up to and including 500 kVA (683.55)	Over 500 kVA up to and including 1,000 kVA (683.57)	Over 1,000 kVA up to and including 10,000 kVA (683.59)	Over 10,000 kVA (683.61)	Total
	Single phase (683.53)	Three phase (683.54)					
— Total KVA —							
1976-77	122,383	57,502	876,083	393,875	776,440	3,526,900	5,753,183
1977-78	136,602	78,712	1,017,134	469,170	760,663	2,793,000	5,255,281
1978-79	188,519	52,403	1,046,722	511,187	735,190	3,167,500	5,701,521
1978 —							
May	21,314	11,676	86,550	133,720	n.p.	n.p.	540,696
June	13,857	7,272	97,850	125,620	n.p.	n.p.	510,699
July	24,134	5,762	92,939	35,400	n.p.	n.p.	389,485
August	18,849	8,070	91,154	69,250	n.p.	n.p.	459,573
September	10,388	4,117	81,454	43,662	n.p.	n.p.	465,845
October	21,546	5,334	80,230	38,450	101,036	172,500	419,096
November	9,304	3,343	98,190	39,800	89,700	272,000	512,337
December	19,583	3,731	88,432	50,050	92,400	240,000	494,196
1979 —							
January	3,537	1,243	27,806	25,640	n.p.	n.p.	163,766
February	16,572	3,027	77,865	27,800	n.p.	n.p.	589,014
March	19,917	5,436	116,899	43,350	n.p.	n.p.	492,902
April	16,711	3,251	80,674	40,425	n.p.	n.p.	552,551
May	16,530	5,312	115,379	55,310	50,000	234,000	476,531
June	11,448	3,777	95,700	42,050	n.p.	n.p.	686,225
July	13,745	8,404	74,775	58,150	50,100	280,000	485,174

(a) Includes those made for incorporation by manufacturers in own products. Excludes audio, input R.F. and higher frequencies types and automotive coils. Dual rating transformers are classified according to the maximum capacity at which they can operate as constructed at the time of manufacture.

**ELECTRICAL POWER FREQUENCIES, TRANSFORMERS, CHOKES AND BALLASTS
FOR PURPOSES OTHER THAN TRANSMISSION AND DISTRIBUTION OF POWER**

Period	For fluorescent and neon lighting and signs - hot cathode			Total	For sodium vapour type signs (683.23)	For other lighting and signs (683.24)	For electrical welding equipment (683.31)
	Under 40 watts (683.13)	40 watts (683.16)	Over 40 watts (683.18)				
- Number -							
1976-77	953,465	2,714,862	481,517	4,149,844	78,296	22,650	45,793
1977-78	816,109	2,902,837	392,868	4,111,814	78,168	25,047	40,945
1978-79	923,994	3,201,176	437,264	4,562,434	118,522	42,057	48,498
1978 -							
June	50,586	217,248	34,660	302,494	7,887	n.p.	3,190
July	73,428	193,321	32,190	298,939	7,160	3,742	3,758
August	72,000	296,441	35,512	403,953	9,341	4,259	4,169
September	81,275	287,302	36,989	405,566	10,828	n.p.	5,047
October	116,104	328,837	27,370	472,311	10,958	n.p.	5,728
November	87,348	364,221	56,523	508,092	10,380	1,898	4,724
December	68,943	201,487	39,293	309,723	9,083	4,331	3,403
1979 -							
January	n.p.	155,755	n.p.	223,514	3,741	n.p.	n.p.
February	n.p.	285,651	n.p.	363,330	7,936	n.p.	n.p.
March	87,359	295,542	35,952	418,853	9,515	5,863	3,185
April	70,580	247,952	37,238	355,770	10,571	n.p.	2,704
May	94,347	290,658	43,527	427,942	16,016	n.p.	5,240
June	76,115	254,599	43,527	374,441	12,993	1,032	4,350
July	105,460	211,382	58,462	375,304	15,838	1,851	4,237

For other purposes

Period	Up to and including 1 H.P.						
	For radio receivers, record players, etc. (649.51)	For television receivers (649.55)	For current metering and protective purposes			Over 1 kVA up to and including 50 kVA (683.43)	Over 50 kVA (683.45)
			Up to and including 600 volts (683.38)	Over 600 volts (683.39)	Other (683.40)		
- Number -							
1976-77	43,521	621,883	98,734	878	614,224	9,101	386
1977-78	24,327	98,618	105,024	2,346	388,871	7,571	309
1978-79	28,617	56,768	236,562	4,505	415,219	14,272	282
1978 -							
June	5,807		10,770	444	26,484	724	60
July	4,527		17,373	330	39,333	1,389	n.p.
August	8,672		21,155	609	41,934	1,551	n.p.
September	10,046		26,769	223	35,305	1,196	26
October	5,663		21,707	329	37,257	1,250	14
November	5,704		26,774	390	47,015	1,215	29
December	3,880		9,444	847	31,475	929	29
1979 -							
January	4,235		9,957	310	8,115	926	n.p.
February	10,078		20,486	346	31,662	1,261	n.p.
March	10,052		22,791	174	32,932	1,228	22
April	6,935		19,344	174	23,407	1,119	18
May	9,535		22,016	494	50,107	1,018	38
June	6,058		18,746	279	37,619	1,190	24
July	3,934		9,874	208	53,530	606	35

ELECTRODES FOR MANUAL WELDING, AND METERS (a)

Period	Electrodes for manual welding				Meters		
	For mild and alloy steels (523.76)	For "specials" (incl. stainless steel) (523.77)	For hardfacing applications (523.78)	Total	Electricity consumption meters (702.11)	Gas consumption meters (703.01)	Water consumption meters (703.11)
	- '000 Kilograms -				- Number -		
1976-77	18,750	326	1,017	20,093	245,025	96,156	172,901
1977-78	16,864	293	821	17,978	248,214	83,811	171,389
1978-79	18,578	367	968	19,913	233,275	94,212	166,544
Quarter ended -							
1976							
June	5,847	60.6	299.9	6,207	65,671	25,199	49,802
September	5,834	87.9	386.7	6,309	70,954	25,873	43,196
December	4,563	76.9	292.6	4,933	70,793	n.p.	39,615
1977 -							
March	3,787	65.9	163.5	4,016	73,516	n.p.	39,651
June	4,565	95.7	173.9	4,835	69,465	n.p.	50,439
September	4,565	94.8	293.8	4,953	63,288	n.p.	44,763
December	3,908	76.3	198.7	4,183	63,553	n.p.	40,915
1978 -							
March	3,406	69.7	136.1	3,612	57,396	n.p.	39,354
June	4,985	52.0	192.7	5,230	63,977	n.p.	46,357
September	5,068	114.0	221.9	5,404	n.p.	n.p.	42,135
December	4,735	80.7	222.3	5,038	n.p.	n.p.	40,955
1979 -							
March	3,380	59.9	186.5	3,626	n.p.	n.p.	38,467
June	5,396	112.2	337.2	5,845	n.p.	n.p.	44,987

GRAMOPHONE RECORDS AND CASSETTE TAPES

Period	Single play (646.35,65)	Extended play (646.37,41, 67,71)	Long play (b) (25cm and 30cm) (646.43,45, 73,75)	Total	"Stereo" records included in previous columns (646.65,67, 71,73,75)	Cassette tapes pre-recorded (647.01)
	- '000 -					
1976-77	6,843	177	21,174	28,194	26,089	9,977
1977-78	6,591	157	20,111	26,859	25,294	11,430
1978-79	8,424	187	22,058	30,669	28,532	12,861
Quarter ended -						
1976 -						
June	1,777	60.0	4,471	6,308	5,827	1,796
September	1,887	46.2	5,584	7,516	6,860	2,290
December	1,905	71.8	6,270	8,246	7,750	3,093
1977 -						
March	1,597	42.6	4,916	6,555	6,028	2,418
June	1,455	16.5	4,405	5,876	5,452	2,176
September	1,585	32.1	5,464	7,082	6,743	2,880
December	1,474	43.9	5,801	7,319	6,968	3,066
1978 -						
March	1,726	49.1	4,326	6,101	5,726	2,503
June	1,806	31.9	4,518	6,356	5,856	2,981
September	1,814	29.9	5,731	7,575	7,073	3,022
December	1,928	71.0	6,768	8,766	8,239	3,837
1979 -						
March	2,167	36.0	4,815	7,018	6,611	3,105
June	2,515	50.4	4,745	7,310	6,608	2,898

(a) Excludes reconditioned meters. (b) Mainly 30cm L.P.'s.

