



PRODUCTION BULLETIN NO. 1: ELECTRICAL APPLIANCES AUSTRALIA, APRIL 1985

- PHONE INQUIRIES** *for more information about these statistics—contact Cellina Benassi on Canberra (062) 52 5558 or any of our State offices.*
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- MAIL INQUIRIES** *write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any of our 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 these publications 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, Part 1, Introduction, Summary Classification and Commodity Keys* (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. Details of the methods used in seasonally adjusting these and other series are given in *Seasonally Adjusted Indicators, Australia* (1308.0).

Related publications

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

Production Bulletin No. 2: Clothing and Footwear, Australia (8358.0)—issued monthly

Production Bulletin No. 3: Food, Drink and Tobacco, Australia (8359.0)—issued monthly

Production Bulletin No. 4: Textiles, Bedding and Floor Coverings, Australia (8360.0)—issued monthly

Production Bulletin No. 5: Building Materials and Fittings, Australia (8361.0)—issued monthly

Production Bulletin No. 6: Chemicals and By-products, Australia (8362.0)—issued monthly

Production Bulletin No. 7: Motor Vehicles, Motor Bodies and Trailed Vehicles, Australia (8363.0)—issued quarterly

Production Bulletin No. 8: Miscellaneous Products, Australia (8364.0)—issued monthly

Manufacturing Commodities, Selected Principal Articles Produced, Australia, 1982-83, Preliminary (8365.0)

Manufacturing Commodities, Principal Articles Produced, Australia, 1980-81 and 1981-82 (8303.0) (\$1.70, \$2.40 incl. postage)

8. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

n.p. not available for separate publication (but included in totals where applicable)

.. not applicable

r significantly revised since last issue

— Break in continuity of series (where a line is drawn between two consecutive figures in the same column)

R. J. CAMERON
Australian Statistician

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ELECTRICAL APPLIANCES (number)

Period	Kettles (699.25)	Toasters— domestic (661.22)	Propeller type fans (complete)a (696.01-05)	Radiators, electric fires and room heaters	
				With visible heating units (651.11)	Other types (651.14-20)
1981-82	470,263	676,943	583,268	292,639	321,169
1982-83	476,805	487,520	592,518	319,237	228,925
1983-84	459,420	399,178	565,707	n.p.	290,493
1984—					
February	38,234	26,082	40,662	n.p.	n.p.
March	39,942	26,312	38,116	n.p.	n.p.
April	21,291	15,443	32,729	35,455	79,920
May	33,940	33,327	34,901	40,661	74,030
June	31,460	37,251	58,911	n.p.	26,608
July	32,926	30,055	69,388	n.p.	27,207
August	45,997	29,548	53,985	n.p.	3,612
September	57,461	22,547	57,717	n.p.	2,467
October	70,010	27,010	64,615	n.p.	r1,271
November	58,459	37,317	43,590	n.p.	r4,693
December	49,261	31,687		n.p.	2,907
1985—					
January	11,576	6,873	25,010	n.p.	n.p.
February	36,322	19,889	51,504	n.p.	n.p.
March	59,788	32,815	45,385	n.p.	44,116
April	44,262	21,624	37,752	39,025	66,268
1983-84 : July to Apr.	394,020	328,600	489,099	191,190	189,855
1984-85 : July to Apr.	466,062	259,365	507,857	170,640	204,401

ELECTRICAL APPLIANCES—continued (number)

Period	Refrigerators—domestic					Freezers—domestic (upright and chest) (657.52)	Clothes washing machines—domestic	
	Twin door			Total			Original (693.02.04)	Seasonally adjusted (b)
	Single door (657.33)	Frost free (657.34)	Other (657.35)	Original	Seasonally adjusted (b)			
1981-82	134,772	63,565	151,860	350,197	..	(c)68,862	337,900	..
1982-83	90,325	53,093	107,069	250,487	..	91,161	250,294	..
1983-84	93,213	60,482	129,768	283,463	..	153,239	294,041	..
<i>1984—</i>								
February	8,403	6,523	11,313	26,239	25,254	14,481	n.p.	n.p.
March	7,107	4,899	10,940	22,946	22,871	13,120	n.p.	n.p.
April	8,250	4,321	9,749	22,320	26,709	8,672	n.p.	n.p.
May	7,830	4,391	10,650	22,871	23,704	8,231	n.p.	n.p.
June	7,887	4,181	11,945	24,013	23,299	8,757	n.p.	n.p.
July	6,776	4,325	10,707	21,808	19,749	8,189	25,332	n.p.
August	5,614	4,442	8,795	18,851	15,318	10,815	24,786	20,860
September	6,724	3,992	9,757	20,473	19,073	5,961	23,201	20,950
October	5,094	4,768	8,455	18,317	15,438	5,208	22,338	19,669
November	5,590	5,453	7,592	18,635	15,863	7,631	24,862	24,333
December	5,660	4,126	8,092	17,878	22,188	7,579	16,876	22,467
<i>1985—</i>								
January	3,370	3,771	4,956	12,097	20,021	7,737	16,136	26,935
February	6,334	6,144	10,872	23,350	23,767	10,656	24,199	24,338
March	9,334	6,016	11,502	26,852	28,723	9,619	25,526	23,616
April	7,312	4,715	10,314	22,341	25,807	7,818	21,846	25,055
1983-84 : July to Apr.	77,496	51,910	107,173	236,574	..	136,251	n.p.	..
1984-85 : July to Apr.	61,808	47,752	91,042	200,601	..	81,213	225,122	..

(a) Excludes fans incorporated in other equipment or used with ducting. (b) See paragraph 6, Explanatory notes. (c) Prior to July 1982 details relate to upright freezers only.

COLOUR TELEVISION SETS AND TELEVISION RECEIVING ANTENNAE
(number)

Period	Colour television sets				Television receiving antennae (outdoor and loft) (647.51)	
	Up to and incl. 51 cm (647.25.26)	Over 51 cm up to and incl. 56 cm (647.27)	Over 56 cm (647.28)	Total		
				Original	Seasonally adjusted(a)	
1981-82	157,887	104,230	92,992	355,109	..	268,447
1982-83	117,282	53,325	64,628	235,235	..	157,800
1983-84	123,688	60,755	75,856	260,299	..	220,459
1984—						
February	10,496	6,037	6,704	23,237	21,642	21,393
March	13,534	6,391	7,045	26,970	23,315	18,965
April	9,441	3,550	6,084	19,075	22,192	13,493
May	10,156	7,795	7,925	25,876	23,078	21,492
June	12,429	5,797	9,203	27,429	25,540	23,021
July	13,764	6,989	8,318	29,071	27,126	20,152
August	14,147	8,159	9,177	31,483	26,867	18,482
September	11,738	6,041	8,954	26,733	26,404	11,381
October	10,376	6,737	8,754	25,867	22,390	19,301
November	14,617	5,426	8,479	28,522	24,026	18,497
December	8,017	3,521	6,232	17,770	22,914	14,150
1985—						
January	5,001	n.p.	n.p.	7,167	18,420	14,826
February	11,270	n.p.	n.p.	27,104	26,279	22,298
March	12,263	6,639	9,721	28,623	26,210	27,034
April	9,772	3,427	8,805	22,004	24,813	22,720
1983-84 : July to Apr.	101,103	47,163	58,728	206,994	..	175,946
1984-85 : July to Apr.	110,965	53,680	79,699	244,344	..	188,841

STORAGE BATTERIES
(number)

Period	Storage batteries—wet cell(b)—	
	Automotive starting, lighting and ignition (New)	
	6 volt (685.13)	12 volt (685.17)
1981-82	191,802	2,555,098
1982-83	160,809	2,420,943
1983-84	155,259	2,719,144
1984—		
February	10,871	240,841
March	11,736	301,741
April	11,958	229,431
May	17,063	261,446
June	16,833	278,378
July	9,622	272,111
August	11,106	246,481
September	10,718	198,725
October	9,677	176,179
November	13,503	179,133
December	9,848	126,810
1985—		
January	6,189	99,709
February	15,556	185,260
March	13,164	246,010
April	11,457	180,302
1983-84 : July to Apr.	121,363	2,179,320
1984-85 : July to Apr.	110,840	1,910,720

AIR CONDITIONERS
(number)

Period	Packaged air conditioners (complete units)		
	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)
1981-82	32,630	2,337	n.p.
1982-83	14,568	1,474	n.p.
1983-84	14,170	1,339	535
1984—			
February	1,172	115	45
March	778	173	25
April	524	104	n.p.
May	580	120	n.p.
June	609	105	n.p.
July	436	108	n.p.
August	855	159	n.p.
September	979	151	63
October	829	178	n.p.
November	1,067	193	n.p.
December	970	138	n.p.
1985—			
January	605	124	n.p.
February	629	185	n.p.
March	409	163	n.p.
April	425	153	n.p.
1983-84 : July to Apr.	12,981	1,114	n.p.
1984-85 : July to Apr.	7,204	1,552	n.p.

(a) See paragraph 6, Explanatory notes. (b) Includes dry charged batteries, but excludes dry-cell batteries.

ELECTRIC MOTORS UNDER 720W(a)
(' 000)

Period	Up to and including 16W (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 up to and including 720W (503.25,26)	Total under 720W	
									Original	Seas. adj.(b)
1981-82	393	119	395	1,125	568	234	348	313	3,495	..
1982-83	232	105	367	597	323	187	246	247	2,305	..
1983-84	293	100	410	553	270	126	317	289	2,358	..
1984—										
February	27.7	n.p.	n.p.	52.7	24.8	8.3	25.5	24.3	202	200
March	27.3	n.p.	n.p.	54.8	22.1	10.5	28.7	29.4	208	197
April	21.0	n.p.	n.p.	38.2	11.5	7.0	23.6	23.1	152	183
May	24.3	n.p.	n.p.	33.5	12.0	5.7	22.2	27.1	152	165
June	19.7	n.p.	n.p.	49.2	12.3	10.2	28.8	27.3	181	194
July	21.7	n.p.	n.p.	32.6	19.3	8.8	31.6	28.2	194	190
August	31.9	n.p.	n.p.	52.7	24.3	8.6	25.1	25.9	231	192
September	21.0	n.p.	n.p.	41.5	15.8	10.7	20.3	26.3	175	144
October	23.7	n.p.	n.p.	44.4	15.4	8.5	21.2	26.5	199	160
November	27.8	n.p.	n.p.	45.8	27.8	8.6	27.7	31.3	228	191
December	21.8	n.p.	n.p.	31.8	18.7	4.2	16.0	17.0	151	152
1985—										
January	9.4	n.p.	n.p.	17.7	11.5	2.7	13.4	12.3	88	210
February	25.6	n.p.	n.p.	41.1	21.9	9.0	27.1	26.0	193	204
March	20.1	n.p.	n.p.	43.2	23.4	11.7	25.2	27.5	195	189
April	21.1	n.p.	n.p.	39.9	10.1	6.6	20.7	23.1	155	185
1983-84 : July to Apr.	249	n.p.	n.p.	470	245	110.0	266	235	2,025	..
1984-85 : July to Apr.	224	n.p.	n.p.	391	188	79.4	228	244	1,809	..

ELECTRIC MOTORS 720W AND OVER(a)
(' 000)

Period	720W and under 1850W (503.27)	1850W and under 3710W (503.28)	371 kW and under 7.2 kW (503.29)	7.2 kW and under 37.1 kW (503.30)	37.1 kW and over (503.31,32)	Total 720W and over		Total electric motors
						Original	Seas. adj.(b)	
1981-82	335	12.8	6.8	7.0	2.35	364	..	3,859
1982-83	218	9.0	4.5	4.2	1.98	238	..	2,543
1983-84	289	10.8	5.0	4.9	1.54	311	..	2,669
1984—								
February	23.4	1.36	0.46	0.52	0.11	25.9	25.1	227
March	23.8	1.08	0.65	0.67	0.14	26.3	26.3	234
April	24.3	0.20	0.32	0.54	0.10	26.0	29.9	179
May	25.5	1.00	0.67	0.58	0.19	27.9	26.3	180
June	23.9	1.18	0.20	0.34	0.12	25.7	29.2	207
July	21.7	1.00	0.92	0.63	0.12	24.4	23.7	219
August	26.7	1.54	0.40	0.22	0.14	29.0	23.7	260
September	26.7	1.22	n.p.	n.p.	0.18	29.6	31.7	205
October	24.3	1.33	n.p.	n.p.	0.13	27.4	20.0	226
November	32.0	1.93	0.67	0.73	0.17	35.5	28.2	263
December	25.2	1.62	0.56	0.36	0.14	27.9	26.9	179
1985—								
January	11.0	0.32	0.28	0.30	0.07	11.9	32.4	100
February	26.7	2.31	0.57	0.65	0.09	30.3	31.3	223
March	24.7	1.36	n.p.	n.p.	0.21	27.7	28.7	223
April	20.1	1.82	n.p.	n.p.	0.10	23.5	26.3	179
1983-84 : July to Apr.	240	8.60	4.08	3.99	1.23	258	..	2,283
1984-85 : July to Apr.	239	14.46	n.p.	n.p.	1.35	267	..	2,077

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

GRAMOPHONE RECORDS, CASSETTE TAPES
(^{'000})ELECTRODES
(^{'000} kg)METERS
(number)

Period	Gramophone records and cassette tapes			Electrodes for manual welding			Water consumption meters (excl reconditioned) (703.11)
	Conventional stereophonic discs			For mild and alloy steels (523.76)	For 'specials' (incl. stainless steel) (523.77)	For hardfacing applications (523.78)	
	45 r.p.m.- (647.93.94)	33 r.p.m.- (647.95)	Cassette tapes pre-recorded (647.98)				
1981-82	9,395	20,081	14,622	21,210	282	836	177,524
1982-83	7,410	16,157	15,919	18,496	237	640	192,987
1983-84	7,137	16,428	14,588	16,064	234	746	236,343
1982—							
June qtr	2,266	4,376	3,365	5,143	81.5	214	49,123
September qtr	2,126	4,486	5,533	5,523	71.4	156	52,263
December qtr	1,763	5,122	3,877	4,494	61.5	101	48,527
1983—							
March qtr	1,602	3,370	3,312	3,681	36.0	184	39,717
June qtr	1,919	3,179	3,197	4,797	67.7	199	52,480
September qtr	1,772	3,909	3,216	5,073	34.2	219	59,947
December qtr	1,810	5,461	5,105	3,117	72.4	149	52,423
1984—							
March qtr	1,516	3,400	3,049	3,912	66.8	212	54,546
June qtr	2,039	3,658	3,217	3,962	60.5	167	69,427
September qtr	1,878	3,842	4,648	4,014	78.6	245	64,082
December qtr	2,185	5,479	6,236	4,257	47.5	138	54,963
1985—							
March qtr	2,006	3,620	5,196	3,176	43.4	187	45,154
1983-84 : July to Mar.	5,098	12,771	11,370	12,102	174	579	166,916
1984-85 : July to Mar.	6,068	12,941	16,080	11,447	169	570	164,199

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

Period	Over 1 kVA up to and including 50 kVA		Over 50 kVA up to and including 300 kVA (683.55)	Over 300 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)					
1981-82	136,311	105,399	1,525,722	672,800	1,249,450	3,993,500	7,683,182
1982-83	117,990	75,537	1,120,284	628,195	1,318,767	4,934,800	8,195,573
1983-84	116,345	65,023	987,568	414,388	562,992	6,803,500	8,949,816
1984—							
February	6,741	5,865	104,248	40,428	59,730	501,000	718,012
March	16,896	8,337	84,447	40,360	86,600	1,023,000	1,259,640
April	9,440	4,030	59,538	37,700	30,800	330,000	471,508
May	8,412	5,839	68,993	61,550	36,600	211,500	392,894
June	12,496	5,450	75,061	32,050	79,530	553,000	757,587
July	10,011	5,139	72,075	38,600	63,080	211,050	399,955
August	15,466	7,528	62,865	27,150	37,680	585,600	736,289
September	12,161	2,744	63,135	18,650	82,708	747,950	927,348
October	13,216	5,742	88,035	48,950	83,810	769,000	1,008,753
November	15,984	5,179	88,836	39,500	62,940	636,000	848,439
December	11,327	3,027	41,560	27,700	52,560	75,000	211,174
1985—							
January	2,738	1,936	22,184	8,250	4,500	15,000	54,608
February	6,972	6,469	52,032	31,950	32,780	580,000	710,203
March	10,406	5,809	60,070	54,000	1,102,060	393,750	626,095
April	12,565	3,185	61,341	40,500	54,280	275,000	446,871
1983-84 : July to Apr.	95,437	53,734	843,514	320,788	446,862	6,039,000	7,799,335
1984-85 : July to Apr.	110,846	46,758	612,133	335,250	576,398	4,288,350	5,969,735

(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.