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

PHONE INQUIRIES *for more information about these statistics*—contact Rod Martin on Canberra (062) 52 5558 or any of our State offices.

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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 I, 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 fewer 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, 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, 1981-82 and 1982-83 (8303.0) *($1.80, $2.60 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)

A. R. BAGNALL
Acting Australian Statistician

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ELECTRICAL APPLIANCES
(number)

Period	Kettles (699.25)	Toasters—domestic (661.22)	Propeller type fans (complete)(a): Up to and including 20 cm diameter (696.01)	Propeller type fans (complete)(a): Over 20 cm diameter (696.03,05)	Radiators, electric fires and room heater without visible heating units: Heatbanks (incl. midibanks) (651.14,16)	Radiators, electric fires and room heater without visible heating units: Other (651.18,20)
1982-83	476,805	487,520		592,518		228,925
1983-84	459,420	399,178		565,707		290,493
1984-85	560,956	326,281		596,610		267,365
1984—						
May	33,940	33,327		34,901		74,030
June	31,460	37,251		41,707		26,608
July	32,926	30,055		58,911		27,207
August	45,997	29,548		69,388		3,612
September	57,461	22,547		53,985		2,467
October	70,010	27,010		57,717		1,271
November	58,459	37,317		64,615		4,693
December	49,261	31,687		43,590		2,907
1985—						
January	11,576	6,873		25,010		n.p.
February	36,322	19,889		51,504		n.p.
March	59,788	32,815		45,385		44,116
April	44,262	21,624		37,752		66,268
May	51,910	29,610		45,591		40,794
June	42,984	37,306		43,162		22,170
July	34,005	29,713	9,163	39,283	3,518	11,490

ELECTRICAL APPLIANCES—*continued*
(number)

Period	Refrigerators—domestic: Single door (657.33)	Refrigerators—domestic: Twin door: Frost free (657.34)	Refrigerators—domestic: Twin door: Other (657.35)	Refrigerators—domestic: Total: Original	Refrigerators—domestic: Total: Seasonally adjusted (b)	Freezers—domestic (upright and chest) (657.52)	Clothes washing machines—domestic: Original (693.02,04)	Clothes washing machines—domestic: Seasonally adjusted (b)
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	. .
1984-85	77,384	60,409	113,767	251,560	. .	97,482	275,679	. .
1984—								
May	7,830	4,391	10,650	22,871	23,080	8,231	n.p.	n.p.
June	7,887	4,181	11,945	24,013	22,894	8,757	n.p.	n.p.
July	6,776	4,325	10,707	21,808	19,920	8,189	25,332	23,186
August	5,614	4,442	8,795	18,851	15,951	10,815	24,786	21,333
September	6,724	3,992	9,757	20,473	19,084	5,961	23,201	21,470
October	5,094	4,768	8,455	18,317	16,337	5,208	22,358	20,331
November	5,590	5,453	7,592	18,635	16,684	7,631	24,862	23,960
December	5,660	4,126	8,092	17,878	21,561	7,579	16,876	22,680
1985—								
January	3,370	3,771	4,956	12,097	20,367	7,737	16,136	26,254
February	6,334	6,144	10,872	23,350	23,346	10,656	24,199	23,949
March	9,334	6,016	11,502	26,852	26,748	9,619	25,526	23,593
April	7,312	4,715	10,314	22,341	24,992	7,818	21,846	24,627
May	7,863	6,755	11,400	26,018	26,152	6,961	26,375	24,216
June	7,713	5,902	11,325	24,940	24,611	9,308	24,182	23,363
July	10,572	10,686	10,109	31,367	27,148	13,405	28,060	24,707

(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(a)					Television receiving antennae (outdoor and loft) (482.75)
	Over 43 cm up to and incl. 51 cm (647.26)	Over 51 cm up to and incl. 56 cm (647.27)	Over 56 cm (647.28)	Total(b)		
				Original	Seasonally adjusted(c)	
1982-83	117,282	53,325	64,628	235,235	..	157,800
1983-84	123,688	60,755	75,856	260,299	..	220,459
1984-85	132,784	65,934	98,320	297,038	..	233,965
1984—						
May	10,156	7,795	7,925	25,876	23,274	21,492
June	12,429	5,797	9,203	27,429	25,495	23,021
July	13,764	6,989	8,318	29,071	26,150	20,152
August	14,147	8,159	9,177	31,483	26,065	18,482
September	11,738	6,041	8,954	26,733	26,087	11,381
October	10,376	6,737	8,754	25,867	23,591	19,301
November	14,617	5,426	8,479	28,522	24,009	18,497
December	8,017	3,521	6,232	17,770	23,675	14,150
1985—						
January	5,001	n.p.	n.p.	7,167	18,842	14,826
February	11,270	n.p.	n.p.	27,104	26,230	22,298
March	12,263	6,639	9,721	28,623	25,931	27,034
April	9,772	3,427	8,805	22,004	24,913	22,720
May	8,343	7,216	12,730	28,289	24,698	25,933
June	13,476	5,038	5,891	24,405	24,143	19,191
July	13,665	4,410	10,425	28,500	24,702	23,281

(a) Television with cabinets; excludes televisions combined with radios, etc. (b) There has been no production of colour television sets up to and including 43 cm (647.25) for any of the periods shown. (c) See paragraph 6, Explanatory Notes.

STORAGE BATTERIES
(number)

Period	Storage batteries—wet cell(a)—	
	Automotive starting, lighting and ignition (New)	
	6 volt (685.13)	12 volt (685.17)
1982-83	160,809	2,420,943
1983-84	155,259	2,719,144
1984-85	137,375	2,371,415
1984—		
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
May	15,369	247,048
June	11,166	213,647
July	16,035	243,421

(a) Includes dry charged batteries, but excludes dry-cell batteries.

AIR CONDITIONERS
(number)

Period	Packaged unit air conditioners		
	Capacity		
	Up to and incl. 17.5kw (657.21)	Over 17.5 kw up to and incl. 35 kw (657.22)	Over 35 kw (657.23)
1982-83	14,568	1,474	n.p.
1983-84	14,170	1,339	535
1984-85	8,409	1,922	n.p.
1984—			
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.
May	585	164	n.p.
June	620	206	n.p.
July	646	326	

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

Period	Under 720W: 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 570W (503.25)	Over 570W and under 720W (503.26)	Total under 720W: Original	Total under 720W: Seas. adj.(b)
1982-83	232	105	367	597	323	187	246		247	2,305	..
1983-84	293	100	410	553	270	126	317		289	2,358	..
1984-85	274	n.p.	n.p.	481	210	90	272		307	2,160	..
1984—											
May	24.3	n.p.	n.p.	33.5	12.0	5.7	22.2		27.1	152	164
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	187
August	31.9	n.p.	n.p.	52.7	24.3	8.6	25.1		25.9	231	188
September	21.0	n.p.	n.p.	41.5	15.8	10.7	20.3		26.3	175	146
October	23.7	n.p.	n.p.	44.4	15.4	8.5	21.2		26.5	199	166
November	27.8	n.p.	n.p.	45.8	27.8	8.6	27.7		31.3	228	188
December	21.8	n.p.	n.p.	31.8	18.7	4.2	16.0		17.0	151	158
1985—											
January	9.4	n.p.	n.p.	17.7	11.5	2.7	13.4		12.3	88	195
February	25.6	n.p.	n.p.	41.1	21.9	9.0	27.1		26.0	193	201
March	20.1	n.p.	n.p.	43.2	23.4	11.7	25.2		27.5	195	190
April	21.1	n.p.	n.p.	39.9	10.1	6.6	20.7		23.1	155	188
May	28.3	n.p.	n.p.	47.8	12.1	4.2	23.1		32.8	182	198
June	22.0	n.p.	n.p.	42.2	10.1	6.8	20.5		30.3	169	181
July	25.0	6.75	38.7	43.8	9.88	7.0	27.3	21.4	10.2	190	177

ELECTRIC MOTORS (a) — continued
('000)

Period	720W and over: 720W and under 1850W (503.27)	1850W and under 3710W (503.28)	3.71 kW and under 7.2 kW (503.29)	7.2 kW and under 37.1 kW (503.30)	37.1 kW and under 72kW (503.31)	72 kW and over (503.32)	Total 720W and over: Original	Total 720W and over: Seas. adj.(b)	Total electric motors
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
1984-85	286	18.3	8.5	8.1	1.65		322	..	2,482
1984—									
May	25.5	1.00	0.67	0.58	0.19		27.9	27.4	180
June	23.9	1.18	0.20	0.34	0.12		25.7	26.8	207
July	21.7	1.00	0.92	0.63	0.12		24.4	24.3	219
August	26.7	1.54	0.40	0.22	0.14		29.0	23.8	260
September	26.7	1.22	n.p.	n.p.	0.18		29.6	29.9	205
October	24.3	1.33	n.p.	n.p.	0.13		27.4	22.9	226
November	32.0	1.93	0.67	0.73	0.17		35.5	27.6	263
December	25.2	1.62	0.56	0.36	0.14		27.9	27.0	179
1985—									
January	11.0	0.32	0.28	0.30	0.07		11.9	30.4	100
February	26.7	2.31	0.57	0.65	0.09		30.3	30.2	223
March	24.7	1.36	n.p.	n.p.	0.21		27.7	28.2	223
April	20.1	1.82	n.p.	n.p.	0.10		23.5	26.3	179
May	20.4	2.03	n.p.	n.p.	0.14		24.8	24.3	207
June	26.0	1.76	n.p.	n.p.	0.16		30.0	32.9	199
July	27.5	2.23	0.99	1.06	0.03	0.12	31.9	30.3	222

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

Period	GRAMOPHONE RECORDS, CASSETTE TAPES ('000)			ELECTRODES ('000 kg)			METERS (number)
	Gramophone records and cassette tapes			*Electrodes for manual welding*			
	Conventional stereophonic discs						
	45 r.p.m.- (647.93,94)	*33 r.p.m.- (647.95)*	*Cassette tapes pre-recorded (647.98)*	*For mild and alloy steels (523.76)*	*For 'specials' (incl. stainless steel) (523.77)*	*For hardfacing applications (523.78)*	*Water consumption meters (excl reconditioned) (482.78)*
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
1984-85	8,094	17,056	21,225	14,621	211	711	215,909
1982—							
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
June qtr	2,026	4,115	5,145	3,174	41.5	140	51,710

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 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)*					
1982-83	117,990	75,537	1,120,284	628,195	1,318,767	4,934,800	8,195,573
1983-84	121,480	65,648	1,024,668	416,138	562,992	6,803,500	8,994,426
1984-85	150,982	59,998	817,809	430,130	760,448	5,269,350	7,488,717
1984—							
May	8,862	5,889	73,993	61,550	36,600	211,500	398,394
June	12,496	5,675	82,861	33,050	79,530	553,000	766,612
July	10,781	5,339	78,475	38,600	63,080	211,050	407,325
August	16,006	8,148	64,465	27,150	37,680	585,600	739,049
September	13,541	3,519	64,535	18,650	82,708	747,950	930,903
October	14,806	6,232	89,415	48,950	83,810	769,000	1,012,213
November	16,674	5,734	93,696	39,500	62,940	636,000	854,544
December	11,327	3,152	41,940	27,700	52,560	75,000	211,679
1985—							
January	2,888	2,126	25,919	12,000	7,500	15,000	65,433
February	8,177	7,039	53,857	37,350	32,780	580,000	719,203
March	12,436	6,834	62,770	56,600	102,060	393,750	634,450
April	13,985	3,805	63,891	40,500	54,280	275,000	451,461
May	17,006	5,288	87,542	53,380	58,650	681,000	902,866
June	13,355	2,782	91,304	29,750	122,400	300,000	559,591
July	19,398	4,896	76,803	43,350	88,800	485,000	718,247

(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.

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