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CANBERRA

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PRODUCTION BULLETIN NO. 8 : MISCELLANEOUS PRODUCTS AUSTRALIA, MARCH 1987

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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 the commodity codes used in Australian manufacturing statistics. However, in cases where data are derived from sources other than ABS collections no commodity code is shown. In general, where items are combined they have been 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. Manufacturing commodity statistics collected by the ABS exclude details relating to single establishment manufacturing enterprises with fewer than four persons employed 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 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. However, care should be exercised in interpreting the figures for those months in which Christmas/New Year and Easter holidays fall as some manufacturers vary holiday shutdowns in the light of prevailing demand for their products. Details of the methods used in seasonally adjusting these and other series are available on request.

Related publications

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

Production Bulletin No. 1 : Electrical Appliances, Australia (8357.0)—issued monthly

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 Trained Vehicles, Australia (8363.0)—issued quarterly

Manufacturing Commodities: Selected Principal Articles Produced, Australia, 1984-85, Preliminary (8365.0).

Manufacturing Commodities: Principal Articles Produced, Australia, 1983-84 and 1984-85 (8303.0)

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)

r not applicable

r revised since last issue

n.y.a. not yet available

IAN CASTLES
Australian Statistician

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ELECTRICITY(a)
(million kWh)

Period	Thermal (499.46)	Hydro (499.44)	Total	
			Original (499.42)	Seasonally adjusted(b)
1983-84	98,871	12,831	111,701	..
1984-85	104,765	14,422	119,188	..
1985-86	109,438	14,931	124,369	..
1986—				
January	8,843	1,003	9,846	10,536
February	8,297	1,110	9,407	10,538
March	9,100	1,165	10,265	10,639
April	8,663	1,307	9,970	10,516
May	9,690	1,111	10,801	10,414
June	9,900	1,346	11,246	10,385
July	10,836	1,331	12,167	10,416
August	10,302	1,275	11,578	10,618
September	9,415	1,229	10,645	10,638
October	9,326	1,287	10,613	10,605
November	8,937	1,167	10,104	10,798
December	9,155	1,191	10,346	10,985
1987—				
January	9,247	1,015	10,261	11,086
February	8,953	1,018	9,971	11,169
March	9,700	1,095	10,795	11,009
1985-86 : July to Mar.	81,184	11,168	92,352	..
1986-87 : July to Mar.	85,872	10,607	96,479	..

Period	N.S.W.(c)	Vic.(c)	Qld(c)	S.A. and N.T.(c) (499.42)	W.A.(c)	Tas.(c)	Australia
1983-84	42,105	25,469	18,586	8,736	8,663	8,144	111,701
1984-85	44,165	27,463	20,147	9,285	9,849	8,279	119,188
1985-86	47,136	28,034	21,222	9,608	9,957	8,413	124,369
1986—							
January	3,373	2,370	1,766	783	902	653	9,846
February	3,405	2,220	1,616	764	803	599	9,407
March	3,842	2,272	1,798	832	848	673	10,265
April	3,762	2,200	1,743	787	793	685	9,970
May	4,139	2,484	1,792	799	830	757	10,801
June	4,380	2,598	1,808	847	848	766	11,246
July	4,810	2,788	1,956	904	917	792	12,167
August	4,437	2,713	1,908	865	885	770	11,578
September	4,016	2,463	1,843	788	812	723	10,645
October	3,914	2,484	1,883	789	837	706	10,613
November	3,703	2,325	1,831	773	820	651	10,104
December	3,923	2,292	1,866	785	828	651	10,346
1987—							
January	3,578	2,450	1,934	759	888	652	10,261
February	3,567	2,413	1,776	762	855	598	9,971
March	3,839	2,617	1,953	804	902	679	10,795
1985-86 : July to Mar.	34,855	20,753	15,879	7,175	7,486	6,204	92,352
1986-87 : July to Mar.	35,788	22,544	16,951	7,229	7,743	6,223	96,479

(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.

**BROWN
COAL
BRIQUETTES**
(' 000 tonnes)

GAS
(million megajoules)

Gas available for issue through mains

Period	N.S.W. and A.C.T.	W.A.	Other States (434.19)	Australia		Brown coal briquettes (261.41)
				Original	Seasonally adjusted(a)	
1983-84	84,761	36,902	319,539	441,202	..	746
1984-85	83,838	75,467	304,168	463,473	..	789
1985-86	95,007	109,782	307,620	512,409	..	852
1986—						
January	6,518	8,960	17,995	33,473	41,714	48
February	6,988	8,806	20,528	36,321	42,435	82
March	7,455	9,569	22,983	40,007	42,332	83
April	7,451	10,064	26,001	43,516	47,467	60
May	8,527	10,304	29,551	48,382	44,753	60
June	9,139	9,657	31,621	50,418	44,355	73
July	10,111	10,044	33,999	54,154	43,292	79
August	9,489	10,494	30,139	50,122	44,413	78
September	8,296	10,653	26,786	45,734	42,552	51
October	7,785	11,459	26,540	45,784	45,328	82
November	7,088	10,777	21,632	39,497	41,791	67
December	6,912	10,817	20,516	38,245	44,943	70
1987—						
January	6,483	10,733	19,487	36,703	46,261	58
February	7,211	10,788	18,042	36,042	42,064	71
March	7,769	11,677	21,298	40,745	42,815	30
1985-86 : July to Mar.	69,890	79,757	220,447	370,093	..	658
1986-87 : July to Mar.	71,146	97,442	218,439	387,027	..	587

(a) See paragraph 6, Explanatory Notes.

PETROLEUM REFINERY INPUT AND PRODUCTS(a)
(megallitres)

Period	Input(b)	Auto- motive gasoline	Aviation turbine fuel	Fuel oil	Auto- motive diesel oil	Industrial and marine diesel fuel	Bitumen
1983-84	33,440	15,239	2,492	3,061	8,133	287	455
1984-85	33,518	15,529	2,599	2,855	8,023	421	519
1985-86	32,835	15,652	2,684	2,264	8,139	329	539
1986—							
January	2,880	1,329	233	166	686	29.1	36.7
February	2,684	1,238	227	166	641	26.5	47.2
March	2,674	1,338	215	195	688	16.8	44.8
April	2,619	1,225	206	153	621	16.5	58.7
May	2,545	1,243	243	153	647	15.0	46.0
June	2,581	1,252	198	157	656	17.8	53.7
July	2,248	1,131	178	119	635	15.0	35.0
August	2,248	1,131	178	119	635	15.0	35.0
September	2,670	1,296	220	219	643	33.5	36.1
October	3,144	1,375	270	192	738	18.6	30.9
November	2,901	1,318	263	216	693	27.9	41.7
December	2,794	1,276	232	211	697	24.1	53.0
	2,709	1,316	254	147	767	20.1	58.6
1987—							
January	3,025	1,373	264	177	783	28.2	36.6
February	2,686	1,130	204	167	735	14.2	48.0
March	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.
1985-86 : July to Mar.	25,091	11,932	2,036	1,801	6,215	279	381
1986-87 : July to Mar.	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.

(a) Produced by Australian refineries from imported and indigenous petroleum. Source: Department of Resources and Energy. (b) Includes the input of crude, enriched crude and other petroleum based feedstock.

CAST IRON
PIPES AND
TUBES
(tonnes)FERROUS METALS
(' 000 tonnes)Pipes, pipe
specials,
tubes and
fittings;
moulded
or spun(c)
(447.52)

Period	Ferrous metals						Pipes, pipe specials, tubes and fittings; moulded or spun(c) (447.32)
	Pig iron(a)		Raw steel(a)		Blooms and slabs (442.28)	Tinplate (444.95.63)	
	Original (442.04.08)	Seas. adj.(b)	Original (442.71-73)	Seas. adj.(b)			
1983-84	5,287	..	6,046	..	3,889	340	73,548
1984-85	5,331	..	6,311	..	3,992	358	77,318
1985-86	5,925	..	6,826	..	4,446	312	82,195
1986—							
January	514	493	592	589	388	28.4	2,014
February	454	491	504	565	316	24.9	6,732
March	506	484	545	536	353	27.5	7,247
April	469	494	547	581	355	28.2	7,804
May	509	499	585	556	349	21.5	7,757
June	482	479	562	550	360	18.0	7,254
July	444	423	520	480	329	26.1	8,428
August	502	495	581	563	375	29.8	6,720
September	505	515	590	584	384	31.8	7,515
October	506	512	562	560	350	19.6	9,126
November	485	503	548	590	339	29.2	7,440
December	513	507	567	562	338	26.3	4,861
1987—							
January	496	477	542	540	314	21.4	3,211
February	444	482	473	531	247	19.7	6,628
March	505	481	531	518	267	24.4	6,223
1985-86 : July to Mar.	4,465	..	5,132	..	3,382	244	59,380
1986-87 : July to Mar.	4,400	..	4,914	..	2,943	228	60,152

(a) Includes recovery from scrap. (b) See paragraph 6, Explanatory Notes. (c) Includes valves and valve parts.

STEEL WIRE AND WIRE PRODUCTS
(tonnes)

Period	Ferrous barbed wire (481.33)	Ferrous welded wire fabric (481.35)	Steel wire nails (481.41)	Steel wool (482.49)
1983-84	14,158	223,750	16,458	1,279
1984-85	12,026	237,269	17,127	1,303
1985-86	12,923	254,358	15,770	1,263
1984—				
March qtr	3,056	53,234	3,929	308
June qtr	4,301	58,331	4,431	287
September qtr	4,163	60,769	4,969	350
December qtr	2,204	61,953	4,417	316
1985—				
March qtr	2,440	55,011	3,806	316
June qtr	3,426	9,536	3,935	321
September qtr	4,008	70,312	4,076	287
December qtr	2,633	63,068	4,354	321
1986—				
March qtr	2,501	56,741	3,443	323
June qtr	3,781	64,237	3,897	332
September qtr	3,902	64,880	3,828	345
December qtr	3,022	59,181	3,577	331
1987—				
March qtr	2,475	60,913	2,782	305
1985-86: July to Mar.	9,142	190,121	11,873	931
1986-87: July to Mar.	9,399	184,974	10,187	981

NON-FERROUS ROLLED, EXTRUDED AND DRAWN PRODUCTS
(tonnes)

Period	Aluminium and alloy				
	Rods, bars and sections(a) (451.40)	Wire rod(b) (451.61)	Single wire and wire strip drawn from rod (except redrawn) (451.63)	Sheets, plate, strip, circles, slugs etc.(c) (451.50)	Foil (451.70)
1983-84	62,372	23,348	19,048	153,727	13,388
1984-85	66,187	27,987	23,631	148,211	13,655
1985-86	70,207	24,038	16,571	161,890	13,362
1986—					
January	3,335	747	707	10,799	783
February	5,770	1,876	1,236	14,215	1,080
March	5,146	2,145	1,669	11,720	1,138
April	6,248	1,884	1,544	13,673	1,318
May	6,702	1,752	1,028	12,939	1,185
June	5,810	1,696	750	13,364	1,263
July	6,026	2,080	845	15,197	1,354
August	5,759	1,723	666	13,500	1,272
September	5,575	1,552	539	15,416	1,359
October	5,855	1,787	666	17,852	1,399
November	6,055	1,943	768	14,557	1,372
December	4,816	1,007	468	12,187	1,246
1987—					
January	2,917	420	80	8,511	832
February	5,172	2,057	415	12,901	1,190
March	6,505	2,299	442	14,618	1,344
1985-86 : July to Mar.	51,447	18,706	13,249	121,914	9,596
1986-87 : July to Mar.	48,680	14,868	4,889	124,739	11,368

(a) Includes both solid and hollow. (b) Includes wire rod produced and further used for drawing to single wire. (c) Circles, slugs, etc. stamped from sheet or strip purchased, transferred in or imported are not included. Where stamped from sheet or strip produced in the same establishment, the weight of metal included in the statistics is that of the circles, etc. and not the weight of the sheet or strip from which they were stamped. Excludes production of liner aluminium sheet used in the manufacture of other products in the same establishment.

NON-FERROUS ROLLED, EXTRUDED AND DRAWN PRODUCTS—continued
(tonnes)

Period	Copper and alloy			
	Rods, bars and sections(a)		Single wire and wire strip (b)	Lead and alloy
	Brass (452.46)	Other (452.16)	Other than brass (452.25)	Sheets, plate, strip, circles, slugs, etc. (c) (453.50)
1983-84	20,797	3,077	48,350	4,053
1984-85	21,602	4,244	49,662	3,420
1985-86	20,859	4,732	54,588	3,809
1986—				
January	614	140	2,220	260
February	1,918	370	5,343	337
March	1,709	355	4,723	310
April	1,670	353	2,760	340
May	2,007	301	4,998	360
June	1,428	224	4,280	253
July	1,823	291	5,706	428
August	2,017	350	4,412	275
September	1,391	307	3,821	315
October	1,871	413	4,472	264
November	1,531	304	4,231	287
December	1,266	660	3,593	315
1987—				
January	596	660	1,526	144
February	2,135	1,495	4,589	239
March	1,895	1,710	5,475	299
1985-86 : July to Mar.	15,754	3,854	42,550	2,856
1986-87 : July to Mar.	14,525	6,190	37,825	2,566

(a) Includes both solid and hollow. (b) Drawn from rod (except redrawn). (c) Circles, slugs, etc. stamped from sheet or strip purchased, transferred in or imported are not included. Where stamped from sheet or strip produced in the same establishment, the weight of metal included in the statistics is that of the circles, etc. and not the weight of the sheet or strip from which they were stamped.

UNINSULATED ELECTRIC AND TELEPHONE CABLE, WIRE AND STRIP(a)
(tonnes)

Period	Aluminium, stranded	Copper
	(Aluminium content) (464.16)	(Copper content) (464.15)
1983-84	17,165	6,309
1984-85	19,997	4,890
1985-86	16,739	5,736
1986—		
January	509	186
February	1,097	711
March	1,415	527
April	1,393	467
May	1,091	517
June	1,434	516
July	1,423	665
August	1,103	486
September	1,113	416
October	1,020	244
November	1,233	400
December	680	300
1987—		
January	281	130
February	1,153	433
March	1,285	529
1985-86 : July to Mar.	12,821	4,243
1986-87 : July to Mar.	9,291	3,603

(a) For sale or transfer out as such, excludes single wire and single wire strip.

INSULATED ELECTRIC AND TELEPHONE CABLE, WIRE AND STRIP

Period	Power transmission and distribution(a)			Communication electronics and appliance	Automotive and similar low voltage (464.51)
	Copper(b)		Aluminium(c) (464.39)	Copper(b) (464.44)	
	Paper insulated (464.28)	Otherwise insulated (464.29)			
	—tonnes—				
					' 000 metres
1983-84	3,093	30,037	3,066	13,032	98,136
1984-85	2,479	32,078	3,609	12,629	89,572
1985-86	3,705	34,493	3,594	13,700	107,642
1986—					
January	141	1,512	61	502	4,523
February	272	2,805	283	1,265	9,918
March	339	3,046	324	1,182	8,150
April	234	2,756	383	1,199	8,262
May	372	3,182	456	1,414	9,818
June	397	2,570	287	1,084	10,051
July	494	3,673	n.p.	1,321	9,722
August	466	3,115	n.p.	1,217	10,674
September	n.p.	3,194	n.p.	1,110	10,344
October	n.p.	3,116	n.p.	1,207	8,996
November	348	3,427	n.p.	1,145	6,052
December	n.p.	2,759	n.p.	963	5,109
1987—					
January	n.p.	744	n.p.	416	3,638
February	n.p.	2,866	n.p.	941	7,504
March	n.p.	3,332	n.p.	1,270	7,993
1985-86 : July to Mar.	2,702	25,985	2,468	10,003	79,511
1986-87 : July to Mar.	n.p.	26,226	n.p.	9,590	70,032

(a) Includes household and building wiring. (b) Weight of copper content only. (c) Weight of aluminium content only.

NON-FERROUS REFINED METALS(a)

LAWNMOWERS

Lawn mowers with engine
(undercut rotary petrol type),
2 stroke or 4 stroke

Period	Copper (452.04)	Lead(b) (453.04)	Tin (456.04)	Zinc (457.04)	Precious metals		Original (699.51)	Seasonally adjusted(c)
					Silver (455.64)	Gold (455.04)		
	'000 tonnes		tonnes	'000 tonnes	kg		number	
1983-84	166	190	2,937	300	273,788	30,661	284,108	..
1984-85	165	189	2,824	299	284,963	40,501	246,276	..
1985-86	163	206	2,208	302	315,337	56,928	290,239	..
1986—								
January	13.6	12.7	135	26.0	34,626	5,226	19,785	23,293
February	13.2	6.3	190	21.9	24,003	4,300	21,715	22,671
March	12.8	17.2	177	25.3	22,128	5,514	17,565	24,621
April	14.5	17.7	117	25.3	24,338	4,414	11,386	23,766
May	14.2	20.9	193	26.0	29,025	5,155	9,528	24,220
June	12.4	20.0	109	31.4	29,009	5,798	14,175	23,501
July	15.2	12.1	153	25.6	20,104	5,533	21,933	26,069
August	12.3	1.1	75	27.3	34,360	6,367	25,321	19,979
September	13.2	0.4	46	25.8	11,141	5,773	34,506	24,731
October	13.4	13.6	23	24.1	16,144	7,226	47,452	31,245
November	17.8	14.6	45	22.3	22,609	6,333	32,877	18,262
December	10.0	14.9	39	24.7	27,115	7,084	20,088	17,022
1987—								
January	12.7	18.4	8	25.2	22,626	7,470	13,194	15,526
February	13.4	16.5	38	24.3	28,557	5,976	22,445	23,413
March	16.0	12.7	42	26.9	29,548	6,692	16,788	23,569
1985-86: July to Mar.	122	148	1,789	219	232,965	41,561	255,150	..
1986-87: July to Mar.	124	104	469	226	212,204	58,454	234,604	..

(a) Primary origin only. Comprises production by establishments classified to either the Manufacturing or Mining Sectors. Source: Bureau of Mineral Resources.
 (b) Includes lead content of lead alloys from primary sources but excludes lead-silver bullion. (c) See paragraph 6, Explanatory Notes.

PEDAL CYCLES(a)
(number)COKE
('000 tonnes)

Period	Pedal cycles(a) (611.01)	Metallurgical coke (435.22)
1983-84	105,599	3,232
1984-85	115,282	3,254
1985-86	102,941	3,534
1984—		
March qtr	15,583	808
June qtr	16,869	819
September qtr	23,727	820
December qtr	55,927	841
1985—		
March qtr	18,538	786
June qtr	17,090	807
September qtr	28,490	848
December qtr	44,000	872
1986—		
March qtr	18,168	940
June qtr	12,283	874
September qtr	26,851	846
December qtr	33,543	863
1987—		
March qtr	13,743	779
1985-86: July to Mar.	90,658	2,660
1986-87: July to Mar.	74,137	2,487

(a) Complete or packed for final assembly. Excludes tricycles and similar toy vehicles.