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Canberra



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PRODUCTION BULLETIN NO. 8 : MISCELLANEOUS PRODUCTS AUSTRALIA, JANUARY 1988

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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)
- .. not applicable
- r revised since last issue
- n.y.a. not yet available

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Acting Australian Statistician

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ELECTRICITY(a)
(million kWh)

Period	Thermal (499.46)	Hydro (499.44)	Total	
			Original (499.42)	Seasonally adjusted(b)
1984-85	r104,996	14,422	r119,418	..
1985-86	r109,450	14,931	r124,381	..
1986-87	r116,320	13,892	r130,212	..
1986—				
November	8,937	1,167	10,104	10,771
December	9,155	1,191	10,346	10,973
1987—				
January	9,247	1,015	10,261	11,040
February	8,953	1,018	9,971	11,118
March	9,707	1,095	10,802	11,006
April	9,491	916	10,407	11,077
May	10,280	1,175	11,455	11,083
June	10,649	1,194	11,842	11,001
July	11,084	1,482	12,566	10,749
August	10,699	1,376	12,075	11,081
September	10,000	1,228	11,228	11,183
October	10,184	1,162	11,346	11,477
November	9,820	1,048	10,868	11,550
December	9,880	1,140	11,021	11,685
1988—				
January	10,477	1,033	11,510	12,402
1986-87: July to Jan.	67,218	8,494	75,712	..
1987-88: July to Jan.	72,144	8,469	80,612	..

Period	N.S.W.(c)	Vic.(c)	Qld(c)	S.A. and N.T.(c) (499.42)	W.A.(c)	Tas.(c)	Australia
1984-85	44,165	27,474	20,147	9,285	9,849	8,279	119,199
1985-86	47,136	28,034	21,222	9,608	9,957	8,413	124,369
1986-87	47,960	31,135	22,622	9,667	10,390	8,416	130,190
1986—							
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	811	902	679	10,802
April	3,571	2,690	1,858	760	861	667	10,407
May	4,182	2,896	1,908	825	897	748	11,455
June	4,419	3,005	1,905	846	890	778	11,842
July	4,881	2,919	2,107	902	928	830	12,566
August	4,516	2,981	1,973	875	915	814	12,075
September	4,100	2,760	1,931	821	865	751	11,228
October	3,974	2,848	2,053	820	900	750	11,346
November	3,752	2,771	1,934	821	894	695	10,868
December	3,643	2,897	1,980	843	947	712	11,021
1988—							
January	4,120	2,894	1,987	861	963	686	11,510
1986-87: July to Jan.	28,382	17,513	13,222	5,663	5,986	4,945	75,713
1987-88: July to Jan.	28,986	20,069	13,965	5,942	6,412	5,238	80,612

(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)

Period	Gas available for issue through mains					Brown coal briquettes (261.41)
	N.S.W. and A.C.T.	W.A.	Other States (434.19)	Australia		
				Original	Seasonally adjusted(a)	
1984-85	83,838	75,467	304,168	463,473	..	789
1985-86	95,007	109,782	307,620	512,409	..	852
1986-87	96,361	129,412	298,558	524,330	..	811
1986—						
November	7,088	10,777	21,632	39,497	42,465	67
December	6,912	10,817	20,516	38,245	44,372	70
1987—						
January	6,483	10,733	19,487	36,703	45,533	58
February	7,211	10,788	18,042	36,042	42,694	71
March	7,769	11,677	21,298	40,745	43,251	30
April	7,677	10,607	23,334	41,619	44,933	87
May	8,491	10,950	27,336	46,777	43,432	75
June	9,047	10,412	29,449	48,908	43,015	63
July	9,905	12,061	34,743	56,709	46,033	50
August	9,127	12,203	30,976	52,306	46,105	62
September	8,725	12,109	28,545	49,379	45,606	86
October	8,122	12,285	25,067	45,474	44,642	83
November	7,109	11,615	21,132	39,857	42,894	80
December	6,946	11,661	19,330	37,937	43,916	69
1988—						
January	5,536	11,843	18,164	35,543	43,906	72
1986-87: July to Jan.	56,165	74,977	179,098	310,240	..	485
1987-88: July to Jan.	55,470	83,779	177,958	317,206	..	502

(a) See paragraph 6, Explanatory Notes.

PETROLEUM REFINERY INPUT AND PRODUCTS(a)
(megalitres)

Period	Input(b)	Auto-motive gasoline	Aviation turbine fuel	Fuel oil	Auto-motive diesel oil	Industrial and marine diesel fuel	Bitumen
1984-85	33,539	15,530	2,599	2,855	8,023	421	519
1985-86	32,834	15,652	2,684	2,264	8,139	329	539
1986-87	32,959	15,296	2,742	2,274	8,198	240	523
1986—							
November	2,670	1,212	223	211	646	24	53
December	2,709	1,316	254	147	767	20	59
1987—							
January	3,010	1,373	264	177	768	28	37
February	2,609	1,089	204	167	708	14	48
March	2,797	1,325	252	160	673	18	54
April	2,708	1,295	195	141	689	11	49
May	2,756	1,260	218	278	691	12	42
June	2,791	1,311	215	247	649	18	38
July	2,838	1,347	244	158	745	8	19
August	2,959	1,433	259	173	757	14	47
September	2,680	1,291	204	181	698	26	27
October	2,784	1,184	259	180	741	75	44
November	2,813	1,241	261	170	789	6	39
December	3,086	1,376	348	199	877	18	58
1988—							
January	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.	n.y.a.
1986-87: July to Dec.	16,288	7,643	1,394	1,103	4,020	139	255
1987-88: July to Dec.	17,160	7,870	1,575	1,060	4,607	147	234

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

FERROUS METALS
 ('000 tonnes)

**CAST IRON
PIPES AND
TUBES**
 (tonnes)

Period	Ferrous metals						Pipes, pipe specials, tubes and fittings; moulded or spun(c) (447.52)
	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)			
1984-85	5,331	..	6,311	..	3,992	358	77,371
1985-86	5,925	..	6,826	..	4,446	312	82,195
1986-87	5,783	..	6,387	..	3,670	292	77,823
1986—							
November	485	501	548	581	339	29.2	7,440
December	513	503	567	558	338	26.3	4,861
1987—							
January	496	481	542	541	314	21.4	3,211
February	444	483	473	532	247	19.7	6,628
March	505	481	531	519	267	24.4	6,223
April	421	453	462	501	235	21.8	5,786
May	474	467	479	470	248	19.2	6,064
June	488	480	533	506	244	22.5	5,821
July	493	471	552	512	237	23.2	6,740
August	488	483	547	532	233	31.2	6,698
September	514	523	562	557	236	26.9	7,748
October	440	438	524	519	222	27.3	6,553
November	417	427	479	499	192	26.5	6,311
December	389	385	445	445	202	24.9	5,465
1988—							
January	365	355	406	411	192	24.0	1,868
1986-87: July to Jan.	3,451	..	3,909	..	2,429	184	47,301
1987-88: July to Jan.	3,106	..	3,515	..	1,513	184	41,383

(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; 494.15)	Steel wire nails (481.41)	Steel wool (482.49)
1984-85	12,233	234,660	17,147	1,303
1985-86	12,923	254,358	15,770	1,263
1986-87	13,625	250,664	13,201	1,307
1984—				
December qtr	2,204	60,627	4,417	316
1985—				
March qtr	2,440	54,655	3,806	316
June qtr	3,426	59,053	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	3,024	59,181	3,577	331
1987—				
March qtr	2,475	60,913	2,782	305
June qtr	4,224	65,690	3,014	325
September qtr	3,850	66,132	2,961	344
December qtr	3,452	67,776	3,179	360
1986-87: July to Dec.	6,926	124,061	7,405	676
1987-88: July to Dec.	7,302	133,908	6,140	704

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)
1984-85	66,187	27,987	23,631	148,211	13,655
1985-86	70,207	24,038	17,782	161,890	13,362
1986-87	67,671	20,202	13,871	172,372	15,481
1986—					
November	6,055	1,943	1,449	14,557	1,372
December	4,816	1,007	877	12,187	1,246
1987—					
January	2,917	420	295	8,511	832
February	5,172	2,057	1,256	12,901	1,190
March	6,505	2,299	1,494	14,618	1,344
April	5,629	1,656	945	15,600	1,312
May	6,759	1,859	1,193	16,431	1,389
June	6,603	1,819	1,122	15,602	1,412
July	6,992	1,733	1,074	15,643	1,227
August	6,405	1,411	1,050	16,044	1,459
September	7,214	2,028	1,070	14,529	1,509
October	6,217	1,786	1,208	13,478	1,198
November	6,125	1,742	1,170	14,796	1,308
December	6,063	1,532	1,095	13,763	1,293
1988—					
January	2,966	332	251	11,635	877
1986-87: July to Jan.	37,003	10,512	7,861	97,220	8,834
1987-88: July to Jan.	41,982	10,564	6,918	99,888	8,871

(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)
1984-85	21,602	4,244	49,662	3,420
1985-86	20,859	4,732	54,588	3,809
1986-87	20,588	4,967	51,089	3,453
1986—				
November	1,531	304	4,231	287
December	1,266	392	3,593	315
1987—				
January	596	147	1,526	144
February	2,135	659	4,589	239
March	1,895	557	5,409	299
April	1,837	468	3,606	242
May	2,268	614	4,482	416
June	1,958	465	5,242	229
July	2,393	773	4,254	301
August	1,785	526	3,374	287
September	1,741	440	4,035	239
October	2,311	682	3,856	201
November	1,784	365	3,700	282
December	1,664	316	3,450	218
1988—				
January	340	94	1,247	172
1986-87: July to Jan.	10,495	2,204	27,761	2,028
1987-88: July to Jan.	12,018	3,196	23,916	1,700

(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)
1984-85	19,997	4,890
1985-86	16,739	5,736
1986-87	12,072	4,787
1986—		
November	1,233	400
December	680	300
1987—		
January	281	130
February	1,153	433
March	1,285	529
April	884	311
May	972	403
June	925	470
July	807	262
August	818	277
September	858	235
October	938	240
November	894	171
December	810	221
1988—		
January	247	53
1986-87: July to Jan.	6,853	2,641
1987-88: July to Jan.	5,372	1,459

(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)		
	Paper insulated (464.28)	Otherwise insulated (464.29)		Copper(b) (464.44)	
	— tonnes —				* 000 metres
1984-85	2,479	32,079	3,609	12,629	89,572
1985-86	3,705	34,493	3,594	13,700	107,642
1986-87	4,161	36,718	3,765	12,555	99,792
1986—					
November	348	3,427	323	1,145	6,052
December	n.p.	2,759	382	963	5,109
1987—					
January	n.p.	787	53	416	3,638
February	209	3,187	295	941	7,504
March	545	3,466	250	1,270	7,993
April	205	2,727	202	823	7,561
May	349	3,743	361	1,090	11,996
June	238	3,524	378	1,052	10,202
July	221	3,307	282	1,117	11,956
August	204	3,212	327	994	14,400
September	296	3,306	342	937	9,809
October	194	3,373	294	900	9,808
November	298	3,535	358	829	11,003
December	252	3,189	310	750	8,875
1988—					
January	n.p.	963	34	413	6,900
1986-87: July to Jan.	n.p.	20,071	2,279	7,379	54,535
1987-88: July to Jan.	n.p.	20,885	1,947	5,940	72,751

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

NON-FERROUS REFINED METALS(a)

LAWNMOWERS

Period	Precious metals						Lawn mowers with engine (undercut rotary petrol type), 2 stroke or 4 stroke	
	Copper (452.04)	Lead(b) (453.04)	Tin (456.04)	Zinc (457.04)	Silver (455.64)	Gold (455.04)	Original (699.51)	Seasonally adjusted(c)
	'000 tonnes	'000 tonnes	tonnes	'000 tonnes	kg	kg	number	number
1984-85	165	189	2,824	299	284,963	40,501	246,276	..
1985-86	163	206	2,208	297	315,337	56,928	290,239	..
1986-87	171	142	784	300	270,608	81,856	276,357	..
1986—								
November	17.8	14.6	45	22.3	22,609	6,333	32,877	18,708
December	10.0	14.9	77	24.7	27,115	7,084	20,088	17,498
1987—								
January	12.7	18.4	8	25.2	22,626	7,470	13,194	16,134
February	13.4	16.5	38	24.3	28,557	5,976	22,445	22,999
March	16.0	12.7	70	26.9	29,548	6,692	16,788	24,231
April	14.1	1.4	56	24.5	20,839	6,918	13,202	28,410
May	15.4	19.0	95	24.1	11,820	9,920	10,186	28,132
June	17.4	17.7	39	25.6	25,745	6,564	18,365	29,756
July	14.0	18.2	39	26.8	29,994	9,546	19,090	21,720
August	18.4	19.6	78	27.6	23,754	7,677	24,156	19,907
September	17.9	22.0	44	28.4	29,512	8,192	33,446	22,193
October	20.4	18.7	17	25.3	30,598	10,468	42,955	26,878
November	11.3	18.5	59	25.3	27,157	9,019	34,106	20,468
December	11.5	18.6	20	26.1	28,896	9,011	25,297	20,648
1988—								
January	16.1	9.5	7	22.6	13,650	8,430	13,350	17,609
1986-87 : July to Jan.	94.6	75.1	486	175	154,099	45,786	195,371	..
1987-88 : July to Jan.	110	125	264	183	183,561	62,343	192,400	..

(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)
1984-85	112,957	3,254
1985-86	103,661	3,534
1986-87	87,453	3,253
1984—		
December qtr	55,927	841
1985—		
March qtr	16,213	786
June qtr	17,090	807
September qtr	28,490	848
December qtr	44,000	872
1986—		
March qtr	18,888	940
June qtr	12,283	874
September qtr	26,851	846
December qtr	33,543	863
1987—		
March qtr	13,744	779
June qtr	13,315	765
September qtr	29,319	890
December qtr	43,290	976
1986-87: July to Dec.	60,394	1,709
1987-88: July to Dec.	72,609	1,842

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

