



PRODUCTION BULLETIN NO. 8 : MISCELLANEOUS PRODUCTS AUSTRALIA, JULY 1984

- PHONE INQUIRIES** *for more information about these statistics*—contact Sue Gumprich on Canberra (062) 52 5558 or any of our State offices.
- other inquiries including copies of publications*—contact Information Services on Canberra (062) 52 6627 or in any of our State offices.
- 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. 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, Parts and Accessories, Australia (8363.0)—issued quarterly

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)

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
- nil or rounded to zero
- n.y.a. not yet available
- break in continuity of series (where a line is drawn between two consecutive figures in the same column)

R. J. CAMERON
Australian Statistician

INDEX

	<i>Page</i>		<i>Page</i>
Aluminium foil	6	Petroleum refinery products	4
Automotive cable, wire and strip	7	Pig iron	5
		Pipes and tubes, non-ferrous	6
Black coal	4		
Blooms and slabs	5	Refined metals, non-ferrous	8
Brown coal	4	Rods, bars and sections, non-ferrous	6
Briquettes, brown coal	4		
		Sheet, plate, strip, circles, slugs, non-ferrous	6
Cable, wire and strip	7	Steel, raw	5
Collapsible tubes	6	Steel wool	5
Cycles, pedal	8	Steel nails	5
Electricity	3	Telephone cable, wire and strip	7
		Tin plate	5
Foil, aluminium	6	Tubes, collapsible	6
Gas	4		
		Welded wire fabric	5
Lawn mowers	8	Wire—	
		Barbed	5
		Coiled	5
Metallurgical coke	8	Wire fabric, welded	5
Mowers, lawn	8		
		Wire rod	6
Nails, steel	5	Wire strip	6

ELECTRICITY(a)

Period	Thermal (499.46)	Hydro (499.44)	Total	
			Original (499.42)	Seasonally adjusted(b)
		—million kWh—		
1981-82	90,501	14,474	104,975	..
1982-83	93,025	12,908	105,933	..
1983-84	98,865	12,831	111,696	..
1983—				
May	8,162	953	9,115	8,797
June	8,732	1,041	9,773	8,945
July	9,252	1,107	10,358	8,940
August	8,615	1,234	9,849	8,859
September	7,909	1,174	9,083	9,032
October	8,159	994	9,153	9,280
November	7,679	1,134	8,813	9,267
December	7,720	1,036	8,757	9,370
1984—				
January	7,617	875	8,492	9,363
February	7,718	1,077	8,795	9,427
March	8,363	991	9,354	9,556
April	7,813	983	8,796	9,477
May	8,956	1,116	10,072	9,625
June	9,064	1,109	10,174	9,379
July	10,077	1,231	11,308	9,755

ELECTRICITY—STATES(a)(c)

	N.S.W.	Vic.	Qld	S. A. and N. T. (499.42)	W.A.	Tas.	Australia
Period							
	—million kWh—						
1981-82	38,373	27,074	14,742	8,550	8,114	8,122	104,975
1982-83	38,951	25,530	16,316	8,899	8,259	7,978	105,933
1983-84	42,105	25,469	18,586	8,730	8,663	8,144	111,696
1983—							
May	3,441	2,214	1,367	708	678	707	9,115
June	4,845	2,340	1,434	751	675	728	9,773
July	3,994	2,530	1,545	819	708	763	10,358
August	3,807	2,319	1,553	753	687	730	9,849
September	3,393	2,152	1,494	696	646	703	9,083
October	3,459	2,082	1,535	696	709	672	9,153
November	3,296	1,927	1,533	690	724	643	8,813
December	3,205	1,980	1,501	733	708	631	8,757
1984—							
January	3,024	1,936	1,493	690	734	615	8,492
February	3,267	1,948	1,497	728	758	597	8,795
March	3,448	2,143	1,609	735	745	674	9,354
April	3,224	2,002	1,526	674	719	651	8,796
May	3,879	2,299	1,646	739	773	736	10,072
June	4,109	2,151	1,654	775	753	730	10,174
July	4,366	2,672	1,829	862	803	776	11,308

(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 Mountain Hydro-electric Scheme.

GAS AND COAL

Period	Gas available for issue through mains					Coal		
	N.S.W. and A.C.T.	W.A.	Other states (434.19)	Australia		Brown coal briquettes (261.41)	Brown coal (261.31)	Black coal (261.02)
				Original	Seasonally adjusted(b)			
	—million megajoules—					—' 000 tonnes—		
1981-82	74,319	31,792	323,156	429,266	..	(a)993	(a)37,562	(a)99,560
1982-83	78,148	38,426	318,026	434,600	..	(a)760	(a)34,998	(a)107,768
1983-84	84,761	36,902	319,539	441,202	..	746	33,057	116,545
1983—								
May	7,084	3,420	30,476	40,980	36,932	38	3,187	8,963
June	7,536	3,358	31,976	42,869	36,144	51	2,748	9,924
July	8,008	3,396	33,618	45,022	35,730	67	3,518	9,959
August	8,437	3,300	28,649	40,387	34,855	54	3,352	10,836
September	7,466	3,203	27,511	38,180	36,376	72	2,644	10,596
October	7,634	3,420	27,554	38,608	40,086	61	2,606	9,707
November	6,822	3,232	25,254	35,308	37,543	61	2,481	10,315
December	6,101	3,270	20,863	30,234	36,995	69	2,765	7,217
1984—								
January	5,461	2,896	20,443	28,801	35,497	64	2,539	6,606
February	6,291	2,730	24,014	33,034	37,732	69	2,277	10,260
March	7,052	2,943	25,299	35,294	37,365	66	2,459	10,489
April	6,316	2,786	24,079	33,181	36,521	68	2,805	7,919
May	7,679	2,926	30,192	40,797	36,447	59	2,907	11,799
June	7,492	2,799	32,063	42,355	36,043	36	2,703	10,843
July	8,138	2,861	35,096	46,095	36,456	68	n.y.a.	11,280

PETROLEUM REFINERY INPUT AND PRODUCTS(c)

Period	Input(d)	Auto- motive gasoline	Aviation turbine fuel	Fuel oil	Auto- motive diesel oil	Industrial and marine diesel fuel	Bitumen
				—megalitres—			
1981-82	34,877	14,962	2,512	3,413	7,917	603	499
1982-83	32,949	14,968	2,383	3,038	7,709	519	492
1983-84	33,776	15,239	2,492	3,094	8,133	287	455
1983—							
April	2,657	1,178	157	254	627	41.9	35.0
May	2,757	1,337	210	246	627	48.2	28.9
June	2,692	1,233	187	196	575	11.4	44.9
July	2,697	1,206	202	259	604	32.4	17.3
August	2,580	1,219	192	277	619	6.5	30.9
September	2,788	1,318	218	284	690	41.4	37.2
October	2,735	1,248	210	275	672	33.5	23.7
November	2,743	1,168	208	243	719	21.7	46.8
December	3,064	1,428	206	312	765	31.6	50.0
1984—							
January	3,012	1,383	203	271	777	40.0	20.3
February	2,823	1,245	199	262	657	26.9	38.7
March	2,860	1,360	218	242	672	10.5	55.0
April	2,893	1,225	223	222	659	16.3	43.7
May	2,781	1,246	220	207	633	8.2	43.3
June	2,800	1,194	194	241	667	17.8	47.9

(a) From the annual ABS Census of Mining Establishments. (b) See paragraph 6. Explanatory notes. (c) Produced by Australian refineries from imported and indigenous petroleum. Source: Department of Resources and Energy. (d) Includes the input of crude, enriched crude and other petroleum based feedstock.

FERROUS METALS

Period	Ferrous metals					
	Pig iron(a)		Raw steel(a)		Blooms and slabs (442.28)	Tin plate (444.95.96)
	Original (442.04.08)	Seas. adj.(b)	Original (442.71.73)	Seas. adj.(b)		
— ' 000 tonnes—						
1981-82	6,574	..	7,270	..	5,449	368
1982-83	4,893	..	5,306	..	3,583	335
1983-84	5,287	..	6,161	..	3,889	340
1983—						
May	421	408	472	447	317	29.4
June	423	429	486	486	323	29.0
July	461	442	524	492	351	28.1
August	442	433	526	492	338	27.6
September	433	453	509	530	323	27.0
October	450	462	525	535	332	26.1
November	434	457	488	520	332	25.2
December	453	455	513	514	317	28.8
1984—						
January	464	438	521	503	343	28.2
February	401	404	470	494	307	27.8
March	464	442	539	520	343	30.6
April	399	412	468	503	283	29.2
May	441	432	543	517	287	31.3
June	445	445	532	521	333	30.0
July	466	444	565	522	347	31.7

STEEL WIRE AND WIRE PRODUCTS

Period	Coiled steel wire		Barbed wire (448.12)	Welded wire fabric (463.08)	Steel nails (465.16)	Steel wool (854.01)
	Uncoated (448.04)	Coated (448.06,08)				
	—tonnes—					
1981-82	359,801	109,323	12,029	246,479	20,055	1,335
1982-83	281,336	98,164	10,950	192,601	15,864	1,395
1983-84	331,023	110,250	14,158	215,166	16,458	1,270
1981—						
March qtr	87,760	24,527	2,657	50,421	5,439	331
June qtr	92,768	29,828	3,430	51,608	5,388	364
September qtr	98,074	32,979	4,122	67,193	5,836	378
December qtr	97,296	26,646	2,385	63,579	5,132	325
1982—						
March qtr	81,290	26,371	2,592	57,543	4,897	294
June qtr	83,141	23,327	2,930	58,164	4,190	338
September qtr	81,873	27,931	2,887	51,698	4,610	458
December qtr	62,106	23,092	2,023	48,942	3,878	349
1983—						
March qtr	66,586	22,968	2,311	43,553	3,486	301
June qtr	70,771	24,173	3,729	48,408	3,890	286
September qtr	78,845	30,943	4,029	51,985	4,357	374
December qtr	81,300	27,825	2,772	54,355	3,741	310
1984—						
March qtr	82,531	28,068	3,056	50,495	3,929	308
June qtr	88,347	23,414	4,301	58,331	4,431	277

(a) Includes recovery from scrap. (b) See paragraph 6. Explanatory notes.

NON-FERROUS ROLLED, EXTRUDED AND DRAWN PRODUCTS

	Aluminium and alloy					
Period	Rods, bars and sections (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)	Collapsible tubes (451.80)
	—tonnes—					
1981-82	68,443	25,235	23,488	127,199	13,164	706
1982-83	51,460	n.p.	21,109	129,773	12,310	549
1983-84	62,372	23,353	19,048	153,727	13,388	510
1983—						
May	4,558	n.p.	2,069	12,299	1,137	55
June	4,421	n.p.	1,950	11,958	1,197	60
July	4,762	1,648	1,391	12,600	1,190	59
August	5,428	2,376	1,806	13,465	1,337	58
September	5,227	2,162	2,043	11,861	1,168	55
October	6,018	1,573	1,057	13,148	1,444	59
November	6,144	2,054	1,503	14,240	1,387	51
December	4,853	1,262	1,407	9,450	936	27
1984—						
January	3,128	421	532	9,191	834	24
February	5,620	1,952	1,297	14,822	1,012	37
March	5,351	3,044	2,303	14,313	1,109	42
April	5,037	1,633	1,401	13,161	895	31
May	6,123	3,018	2,350	13,847	1,129	39
June	4,681	2,210	1,958	13,629	947	28
July	5,424	1,817	1,612	13,744	1,086	39

NON-FERROUS ROLLED, EXTRUDED, AND DRAWN PRODUCTS—continued

Period	Copper and alloy			Lead and alloy Sheets, plate, strip, circles, slugs, etc.(e) (453.50)
	Rods, bars and sections		Single wire and wire strip (d)	
	Brass (452.46)	Other (452.16)	Other than brass (452.25)	
	—tonnes—			
1981-82	22,121	3,915	56,651	5,952
1982-83	17,447	3,266	48,738	5,168
1983-84	20,797	3,077	48,350	4,070
1983—				
May	1,630	277	4,330	613
June	1,571	229	4,732	384
July	1,761	276	4,607	427
August	1,623	254	3,813	478
September	2,038	325	4,614	461
October	1,679	201	3,937	410
November	1,991	272	4,276	250
December	1,425	248	3,906	269
1984—				
January	447	100	1,482	151
February	1,773	259	4,149	413
March	2,229	300	5,605	287
April	1,365	193	3,155	313
May	2,378	332	4,759	361
June	2,088	317	4,047	250
July	1,779	346	3,684	n.p.

(a) Excludes hollow rods and bars. (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. (d) Drawn from rod (except redrawn). (e) 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)
	—tonnes—	
1981-82	(b)25,126	(b)n.p.
1982-83	18,089	6,647
1983-84	17,167	6,311
1983—		
May	1,667	646
June	1,566	743
July	1,199	481
August	1,591	403
September	1,817	646
October	1,244	554
November	1,359	517
December	1,313	523
1984—		
January	381	187
February	1,095	601
March	1,720	916
April	1,386	497
May	2,100	558
June	1,962	428
July	1,283	374

INSULATED ELECTRIC AND TELEPHONE CABLE, WIRE AND STRIP

Period	Power transmission and distribution(c)			Communication electronics and appliance	Automotive and similar low voltage (464.51)
	Copper(d)		Aluminium(e) (464.39)		
	Paper insulated (464.28)	Otherwise insulated (464.29)		Copper(d) (464.44)	
	—tonnes—				
1981-82	3,401	34,099	(f)5,121	n.p.	88,221
1982-83	3,988	29,887	3,987	12,421	72,670
1983-84	3,094	30,037	3,082	13,270	90,936
1983—					
May	314	3,019	390	1,169	8,465
June	308	2,843	295	1,095	7,329
July	240	2,726	278	1,358	9,620
August	232	2,349	262	1,341	9,619
September	288	2,828	214	1,467	9,892
October	270	2,308	213	1,022	9,176
November	222	2,692	244	1,229	9,127
December	309	2,709	379	865	7,187
1984—					
January	134	955	51	315	4,087
February	246	2,919	277	1,119	9,394
March	372	2,956	303	1,360	9,366
April	228	2,207	278	856	3,435
May	268	2,748	347	1,128	5,861
June	285	2,640	236	1,210	4,170
July	215	2,662	251	1,156	6,935

(a) For sale or transfer out as such, excludes single wire and single wire strip. (b) Prior to July 1982 details relate to total weight. (c) Includes household and building wiring. (d) Weight of copper content only. (e) Weight of aluminium content only. (f) Prior to July 1982 includes communication electronics and appliances.

NON-FERROUS REFINED METALS AND LAWMOWERS

Period	Non-ferrous refined metals(a)						Lawn mowers with engine (undercut rotary petrol type), 2 stroke or 4 stroke	
					Precious metals		Original (699.51)	Seasonally adjusted(c)
	Copper (452.04)	Lead(b) (453.04)	Tin (456.04)	Zinc (457.04)	Silver (455.64)	Gold (455.04)		
	'000 tonnes		tonnes	'000 tonnes		'000 grams	number	
1981-82	163	207	3,617	301	325,105	17,773	327,059	..
1982-83	172	212	2,898	288	303,889	25,784	194,611	..
1983-84	166	190	2,937	300	273,788	30,661	284,108	..
1983—								
May	13.2	16.5	265	25.8	23,721	2,010	3,671	10,256
June	16.0	17.2	296	23.2	19,172	2,266	8,714	14,526
July	12.1	18.1	242	25.2	26,662	3,074	14,522	16,710
August	16.1	17.7	254	26.3	26,409	2,321	26,123	21,257
September	13.0	15.9	204	25.4	30,466	2,278	33,071	21,235
October	12.1	16.2	206	26.9	23,097	2,328	35,162	22,118
November	12.4	17.3	295	24.6	21,004	2,271	41,314	26,326
December	13.1	13.3	265	26.3	19,410	2,330	28,645	25,189
1984—								
January	11.8	15.1	193	26.8	20,316	2,211	22,542	26,592
February	12.7	16.6	268	20.6	17,447	2,306	29,084	29,983
March	17.0	21.7	250	26.8	22,546	2,861	17,243	23,426
April	14.2	17.0	146	25.8	22,962	1,856	8,325	15,583
May	17.0	8.8	303	24.5	22,676	3,347	10,447	28,998
June	14.9	12.6	311	20.4	20,793	3,478	17,630	29,486
July	13.9	19.1	240	28.4	n.y.a.	n.y.a.	20,260	23,229

PEDAL CYCLES AND METALLURGICAL COKE

Period	Pedal cycles(d) (611.01)	Metallurgical coke (435.22)
	number	'000 tonnes
1981-82	154,589	4,198
1982-83	125,406	3,131
1983-84	105,599	3,232
1981—		
March qtr	27,792	1,125
June qtr	29,117	1,123
September qtr	54,323	1,154
December qtr	68,738	1,001
1982—		
March qtr	15,522	979
June qtr	16,006	1,064
September qtr	40,882	977
December qtr	51,555	740
1983—		
March qtr	14,687	680
June qtr	18,282	734
September qtr	33,147	799
December qtr	40,000	805
1984—		
March qtr	15,583	808
June qtr	16,869	819

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