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PRODUCTION BULLETIN NO. 8 : MISCELLANEOUS PRODUCTS
OCTOBER 1977

INQUIRIES

If you want to know more about these statistics ring Mr Cyril Rees, Canberra 525558 or our State office, or write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616

For copies of this publication contact Information Services, Canberra 526627 or State offices.

EXPLANATORY NOTES

This bulletin is one of a series of eight publications containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 7 below. These publications replace the *Production Statistics* series (Reference No. 12.16) and the publication *Production Statistics* (Reference No. 12.15) issued previously.

2. Data contained in this bulletin 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.

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.

4. As from July 1975 production statistics collected by ABS exclude production of 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. An indication of the approximate magnitude of the break in comparability may be obtained by comparing annual data for 1974-75 which are shown in this publication on both the old and the new base.

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.

6. This bulletin 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 Saturdays, 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 this and other series are given in *Seasonally Adjusted Indicators 1977* (Catalogue No. 1308.0 Previously Ref. No. 1.10).

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

Production Bulletin No. 1: Electricity, Gas and Electrical Goods (Catalogue No. 8357.0 Previously Ref. No. 12.91).

Production Bulletin No. 2: Clothing and Footwear (Catalogue No. 8358.0. Previously Ref. No. 12.40).

Production Bulletin No. 3: Food, Drink and Tobacco (Catalogue No. 8359.0. Previously Ref. No. 12.41).

Production Bulletin No. 4: Textiles, bedding and Floor Coverings (Catalogue No. 8360.0. Previously Ref. No. 12.42).

Production Bulletin No. 5: Building Materials (Catalogue No. 8361.0. Previously Ref. No. 12.43).

Production Bulletin No. 6: Chemicals (Catalogue No. 8362.0. Previously Ref. No. 12.44).

Production Bulletin No. 7: Motor Vehicles, Parts and Accessories (Catalogue No. 8363.0. Previously Ref. No. 12.45).

Principal Articles Produced (Catalogue No. 8303.0. Previously Ref. No. 12.26).

All publications produced by the ABS are listed in *Catalogue of Publications 1977* (Catalogue No. 1101.0. Previously Ref. No. 1.8) which is available free of charge from any ABS office.

Symbols and Other Usages

- a. Not available for publication. Figures are confidential.
- Not applicable.
- Break in continuity of series (where drawn across a column)
- * Excludes the production of certain small producers. See paragraph 4.

R. J. CAMERON
Australian Statistician

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PEDAL CYCLES, PERAMBULATORS AND PUSHERS AND STROLLERS

Period	Complete cycles (b) made, built or assembled					Perambulators (c)(d) (975.04.09)	Pushers and Strollers (c)(e) (975.11)
	N.S.W.	Vic.	S.A. (611.01)	Other States	Australia		
				- Number -			
1974-75	58,923	90,529	28,389	37,772	215,613	126,679	
1974-75 *	51,278	80,430	18,166	37,754	187,628	126,679	
1975-76	42,911	88,915	24,064	35,898	191,788	123,154	
1976-77	62,170	93,531	27,129	41,466	224,296	(a)	
1975 -							
December	4,411	9,830	1,681	5,706	21,628	9,351	
1976 -							
January	(a)	1,820	(a)	(a)	6,349	3,808	
February	(a)	5,551	(a)	(a)	11,286	9,756	
March	(a)	6,611	(a)	2,363	14,979	11,527	
Quarter ended -							
June	7,669	16,469	(a)	(a)	33,564	27,591	
September	15,698	24,468	6,016	12,431	58,613	27,477	
December	(a)	41,489	(a)	15,587	93,216	(a)	
1977 -							
March	(a)	10,860	(a)	7,621	31,824	(a)	
June	(a)	16,714	(a)	(a)	40,643	(a)	
September	17,734	24,874	(a)	(a)	51,655	(a)	
1976-77 July to Sept.	15,698	24,468	6,016	12,431	58,613	27,477	
1977-78 July to Sept.	17,734	24,874	(a)	(a)	51,655	(a)	

LAWNMOWERS

Period	Petrol, rotary (under-cut) type		Total			Total
	With 2 stroke engine (699.52)	With 4 stroke engine (699.53)	Original	Seasonally adjusted (g)	Other types (f) (699.41.45.55.61)	
				- Number -		
1974-75	250,458	48,295	298,753	..	18,858	317,611
1974-75 *	250,334	47,791	298,125	..	18,838	316,963
1975-76	260,156	74,701	334,857	..	19,780	354,637
1976-77		307,173	307,173	..	13,711	320,884
1976 -						
September	45,875		45,875	29,255	1,663	47,538
October	44,287		44,287	25,101	972	45,259
November	41,304		41,304	27,703	1,335	42,639
December	36,710		36,710	35,118	1,006	37,716
1977 -						
January	21,629		21,629	28,507	257	21,886
February	20,369		20,369	20,476	1,723	22,092
March	20,050		20,050	24,369	1,845	21,895
April	14,691		14,691	19,108	1,005	15,696
May	5,301		5,301	13,209	558	5,859
June	13,190		13,190	30,566	1,154	14,344
July	23,382		23,382	29,759	1,206	24,588
August	32,112		32,112	27,766	1,287	33,399
September	26,138		26,138	16,625	2,393	28,531
October	37,295		37,295	21,037	1,568	38,863
1976-77 July to Oct.	133,929		133,929	..	4,828	138,757
1977-78 July to Oct.	118,927		118,927	..	6,454	125,381

(b) Excludes tricycles and similar toy vehicles. (c) Excludes toys such as dolls' prams, shopping strollers designed to carry parcels, golf buggies, etc. (d) Baby carriages with body enclosed on four sides. (e) Baby carriages with permanently open front. (f) Includes petrol cylinder, electric and hand lawn mowers but excludes tractor drawn (non-agricultural) lawn mowers. (g) See paragraph 6 Explanatory Notes.

NON-FERROUS ROLLED, EXTRUDED AND DRAWN PIPES AND TUBES

Period	Pipes and tubes, (b)				Total
	Aluminium and alloy		Copper and alloy (incl. brass) (452.12,42)	Lead and alloy (incl. tin coated lead) (453.20)	
	Irrigation (451.21)	Other (451.29)			
1974-75	1,628	2,106	19,304	3,101	26,139
1974-75*	1,628	2,106	19,304	2,848	25,886
1975-76	(a)	1,742	20,036	(a)	25,594
1976-77	(a)	1,939	23,591	(a)	29,141
1976 -					
September	(a)	227	1,812	(a)	2,327
October	(a)	122	2,244	(a)	2,696
November	(a)	186	2,242	(a)	2,730
December	(a)	175	1,947	(a)	2,406
1977 -					
January	(a)	47	624	(a)	765
February	(a)	152	1,754	(a)	2,248
March	(a)	170	2,187	(a)	2,683
April	(a)	134	1,723	(a)	2,142
May	(a)	147	2,005	(a)	2,540
June	(a)	172	1,818	(a)	2,282
July	(a)	144	2,128	(a)	2,352
August	(a)	132	1,554	(a)	1,985
September	(a)	216	2,281	(a)	2,933
October	(a)	193	1,784	(a)	2,311
1976-77 : July to Oct.	(a)	756	9,291	(a)	11,345
1977-78 : July to Oct.	(a)	685	7,747	(a)	9,581

NON-FERROUS ROLLED, EXTRUDED AND DRAWN RODS, BARS, SHEETS, PLATE, ETC.

Period	Rods, bars and sections				Sheets, plate, strip, circles, slugs, etc. (c)	
	Copper and alloy			Total	Aluminium and alloy (d) (451.50)	Lead and alloy (incl. tin coated lead) (453.50)
	Aluminium and alloy (451.40)	Brass (452.46)	Other (452.16)			
1974-75	39,728	17,285	2,592	59,605	71,818	7,584
1974-75*	39,728	17,285	2,592	59,605	71,818	7,373
1975-76	48,905	21,017	2,339	72,261	78,652	5,721
1976-77	50,841	20,255	2,052	73,148	90,342	6,321
1976 -						
September	4,282	2,083	254	6,619	7,680	596
October	4,410	1,830	198	6,438	8,401	572
November	4,567	1,714	178	6,459	8,406	646
December	3,702	1,692	164	5,558	6,281	505
1977 -						
January	2,254	821	110	3,185	5,441	225
February	4,565	1,743	198	6,506	8,257	519
March	5,346	2,088	209	7,643	8,527	567
April	4,006	1,540	147	5,693	7,205	506
May	4,695	1,575	104	6,374	8,028	616
June	4,334	1,586	168	6,088	7,391	605
July	4,255	2,030	225	6,510	8,179	535
August	4,194	2,069	213	6,476	7,904	528
September	4,328	1,729	255	6,312	6,362	472
October	4,511	1,088	169	5,768	7,973	284
1976-77 : July to Oct.	17,372	7,496	774	25,642	30,806	2,132
1977-78 : July to Oct.	17,288	6,916	862	25,066	30,418	1,819

(b) Excludes hollow rods and bars. (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. (d) Excludes production of liner aluminium sheet used in the manufacture of other products in the same establishment.

NON-FERROUS ROLLED, EXTRUDED AND DRAWN WIRE ROD, SINGLE WIRE AND WIRE STRIP

Period	Wire rod			Single wire and wire strip drawn from rod (excl. redrawn)			
	Aluminium and alloy, and copper and alloy (451.61,452.22)	Brass (452.52)	Total	Aluminium and alloy (451.63)	Copper and alloy		Total
					Brass (452.56)	Other (452.25)	
				- Tonnes -			
1974-75	81,468	892	82,360	18,037	790	43,487	62,314
1974-75*	81,468	892	82,360	18,037	790	43,487	62,314
1975-76	78,996	409	79,405	16,353	557	42,856	59,766
1976-77	(a)	(a)	81,536	15,548	450	42,001	57,999
1976 -							
September	(a)	(a)	6,108	1,372	27	3,570	4,969
October	(a)	(a)	8,806	1,663	45	4,314	6,022
November	(a)	(a)	6,427	1,174	62	3,112	4,348
December	(a)	(a)	6,325	983	32	2,956	3,971
1977 -							
January	(a)	(a)	1,300	322	6	922	1,250
February	(a)	(a)	6,686	1,159	46	3,137	4,342
March	(a)	(a)	8,378	1,612	31	4,521	6,164
April	(a)	(a)	6,585	1,260	30	3,578	4,868
May	(a)	(a)	7,924	1,336	25	3,956	5,317
June	(a)	(a)	7,119	1,451	35	4,269	5,755
July	(a)	(a)	8,647	1,333	35	3,811	5,179
August	(a)	(a)	7,432	1,408	37	3,358	4,803
September	9,742	15	9,757	2,310	44	4,342	6,696
October	(a)	(a)	6,779	1,532	33	3,147	4,712
1976-77 : July to Oct.	(a)	(a)	30,792	6,251	245	15,550	21,984
1977-78 : July to Oct.	(a)	(a)	32,615	6,583	149	14,658	21,390

NON-FERROUS ROLLED EXTRUDED AND DRAWN COLLAPSIBLE TUBES, ALUMINIUM FOIL

Period	Collapsible tubes				Aluminium foil (451.70)	Other non-ferrous rolled, extruded and drawn products (b)
	Aluminium and alloy (451.80)	Lead and alloy (inc. tin coated lead) (453.80)	Tin and alloy (456.12)	Total		
				- Tonnes -		
1974-75	768	(a)	(a)	1,077	9,329	5,280
1974-75*	768	(a)	(a)	1,077	9,329	5,280
1975-76	713	(a)	(a)	893	7,722	4,561
1976-77	701	(a)	(a)	840	9,603	4,894
1976 -						
September	60	(a)	(a)	80	821	392
October	60	(a)	(a)	82	838	432
November	43	(a)	(a)	64	906	488
December	35	(a)	(a)	50	713	322
1977 -						
January	29	(a)	(a)	35	595	135
February	61	(a)	(a)	69	801	407
March	62	(a)	(a)	67	917	431
April	63	(a)	(a)	68	771	451
May	74	(a)	(a)	80	744	556
June	78	(a)	(a)	83	877	497
July	78	(a)	(a)	83	938	443
August	67	(a)	(a)	69	884	501
September	86	(a)	(a)	90	1,000	435
October	53	(a)	(a)	56	836	436
1976-77 : July to Oct.	256	(a)	(a)	324	3,279	1,607
1977-78 : July to Oct.	284	(a)	(a)	298	3,658	1,815

(b) Code numbers 451.99,452.29,59,453.60,70,99,456.10,99,457.50,60,99.

ELECTRIC AND TELEPHONE CABLE, WIRE AND STRIP

Period	Electric and telephone cable, wire and strip				Insulated cable wire and strip (other than telephone and power transmission)			
	Uninsulated		Insulated copper		Insulated aluminium (all types)(d) (464.39, 49)	Automotive and similar low voltage (464.51)	Magnet winding wire and strip (b)	
	Stranded (464.12-17)	Copper braided or combined (464.24)	Power transmission and distribution (c) (464.31-38)	Communication electronics and appliances (c) (464.41-43)			Conductor diameter 0.25mm or less (464.61)	Other (464.62, 63)
	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	'000 metres	Tonnes	Tonnes
1974-75	22,195	152	22,371	14,246	3,838	70,513	1,074	4,797
1974-75*	22,195	152	22,371	14,246	3,838	70,513	1,074	4,797
1975-76	19,079	118	22,642	13,224	4,021	56,143	837	4,716
1976-77	17,772	89	24,220	11,881	4,325	55,836	714	4,599
1976 -								
September	1,506	8	2,139	1,119	299	6,073	64	357
October	1,872	7	2,470	1,153	489	6,067	67	398
November	1,242	8	1,788	841	330	5,408	63	357
December	1,119	6	1,862	783	454	3,797	60	280
1977 -								
January	234	2	773	482	107	2,111	16	131
February	1,579	9	1,597	914	409	4,104	46	394
March	1,981	7	2,685	1,288	426	6,005	78	442
April	1,502	9	1,748	847	322	2,585	63	524
May	1,646	8	2,593	1,248	394	1,921	51	490
June	1,449	8	2,454	1,177	379	2,681	64	431
July	1,451	8	2,413	1,161	471	2,815	72	505
August	1,757	8	2,187	1,128	479	3,198	71	447
September	2,203	11	2,746	1,050	498	4,783	61	483
October	1,649	8	2,011	970	509	4,628	58	411
1976-77 : July to Oct.	7,020	32	8,720	4,301	1,504	27,224	273	1,550
1977-78 : July to Oct.	7,060	35	9,357	4,309	1,957	15,424	262	1,846

FERROUS METALS, BLACK COAL

Period	Ferrous metals										
	Iron ore pellets (b) (251.38)	Pig iron (c)		Raw steel (c)		Blooms and slabs		Tin plate		Black coal	
		Original	Seas. adj. (f)	Original	Seas. adj. (f)	Original	Seas. adj. (f)	Original	Seas. adj. (f)	Original	Seas. adj. (f)
	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes
1974-75	9,614	7,598	..	8,063	..	6,215	..	311	..	70,142	..
1974-75*	9,614	7,598	..	8,063	..	6,215	..	311	..	70,142	..
1975-76	9,980	7,519	..	7,937	..	5,566	..	282	..	69,466	..
1976-77	9,761	6,958	..	7,473	..	6,028	..	341	..	75,678	..
1976 -											
September	663	605	601	631	627	462	442	25.5	25.9	6,629	6,808
October	822	571	549	635	600	501	477	29.1	28.2	6,793	6,281
November	736	495	508	554	531	458	435	29.0	27.8	7,618	6,249
December	831	557	526	624	601	505	490	26.7	27.5	4,807	5,199
1977 -											
January	967	604	588	679	686	483	482	29.9	29.1	3,715	6,294
February	886	527	575	566	623	391	425	26.3	29.7	6,724	6,549
March	815	580	570	564	549	517	520	29.9	29.6	7,149	6,600
April	878	574	600	637	683	569	617	29.3	29.0	5,497	6,331
May	940	601	592	651	643	597	616	29.9	29.2	7,206	6,259
June	659	541	582	603	665	573	595	29.5	30.8	7,517	6,831
July	709	508	497	588	571	535	527	29.5	29.1	6,954	6,505
August	834	613	594	619	601	549	539	29.6	28.7	6,630	7,433
September	984	546	540	617	602	582	549	28.1	28.4	6,901	6,926
October	952	564	545	638	603	587	560	31.6	31.0
1976-77 : July to Oct.	3,048	2,482	..	2,595	..	1,936	..	110
1977-78 : July to Oct.	3,479	2,231	..	2,461	..	2,252	..	119

(b) Total weight. (c) Weight of copper content only. (d) Weight of aluminium content only. (e) Includes recovery from scrap. (f) See paragraph 6 Explanatory Notes.

NON-FERROUS REFINED METAL, ELECTRICITY AND GAS

Period	Non-ferrous refined metal (c)						Gas (h)		Electricity (d)	
	Copper (452.04)	Lead (e) (453.04)	Tin (456.04)	Zinc (457.04)	Precious Metals		Thermal equivalent		Original (499.42)	Seas. adj. (f) (499.42)
					Silver (455.64)	Gold (455.04)	Original (435.19)	Seas. adj. (f) mil. megajoules		
1974-75	178	171	5,973	243	272,855	10,744	183,019	..	73,933	..
1974-75*	178	171	5,973	243	272,855	10,744	183,019	..	73,933	..
1975-76	164	168	5,386	205	226,209	12,829	203,623	..	76,597	..
1976-77	154	166	5,373	259	253,268	11,127	233,138	..	82,532	..
1976 -										
September	13.9	15.9	695	23.4	21,096	999	20,870	19,756	7,084	6,870
October	12.2	16.4	451	23.2	19,536	1,211	20,077	19,786	6,835	6,873
November	11.3	14.6	496	21.1	22,216	976	17,384	18,544	6,402	6,735
December	11.8	15.2	405	20.9	26,290	768	16,574	19,274	6,429	6,860
1977 -										
January	8.5	13.8	161	20.8	20,735	740	15,134	18,895	6,176	6,907
February	13.4	13.3	393	17.6	20,511	842	16,177	19,390	6,138	6,973
March	14.7	13.9	570	19.4	26,942	629	18,275	19,715	6,717	6,873
April	11.6	8.7	394	22.1	18,447	1,081	18,621	19,739	6,470	6,949
May	13.1	1.8	358	20.6	17,913	864	21,569	20,048	7,312	7,119
June	15.7	16.5	477	22.2	16,196	1,346	23,856	20,705	7,763	7,097
July	10.7	18.6	432	22.0	19,964	1,591	25,672	21,538	8,161	7,227
August	13.3	17.9	378	21.3	24,233	1,415	23,392	19,471	7,777	6,874
September	13.1	20.2	694	22.0	24,287	1,859	22,093	20,766	7,300	7,066
October							18,963	18,451	6,649	6,685
1976-77 : July to Oct.							85,549	..	29,115	..
1977-78 : July to Oct.							90,021	..	29,886	..

BROWN COAL, BROWN COAL BRIQUETTES, METALLURGICAL COKE AND PETROLEUM REFINERY PRODUCTS

Period	Petroleum refinery input and products (g)									
	Brown coal briquettes (261.41)	Metal- lurgical coke (435.22)	Input (h)		Aviation turbine fuel mil. litres	Furnace fuel '000 tonnes	Automotive dis- tillate '000 tonnes	Industrial diesel fuel '000 tonnes	Bitumen '000 tonnes	Brown coal (261.31) '000 tonnes
			'000 tonnes	'000 tonnes						
1974-75	1,092	5,497	27,296	12,508	2,124	4,656	4,682	1,110	461	27,514
1974-75*	1,092	5,497	27,296	12,508	2,124	4,656	4,682	1,110	461	27,514
1975-76	946	5,253	27,407	12,501	2,088	4,340	5,003	1,216	506	29,210
1976-77	1,035	4,876	28,574	13,056	2,115	4,604	5,249	1,242	492	31,028
1976 -										
September	105		2,385	1,093	178	380	417	104.9	27.0	2,994
October	95		2,123	929	169	353	388	118.6	30.7	2,611
November	89	1,202	1,884	812	174	310	363	80.1	40.4	2,603
December	63		2,628	1,120	211	449	493	110.7	52.1	2,260
1977 -										
January	60		2,510	1,157	207	348	486	104.6	34.3	1,986
February	80	1,150	2,394	1,099	198	392	440	103.5	45.8	2,050
March	92		2,215	1,129	180	400	386	93.5	47.8	2,562
April	87		2,341	1,145	174	306	445	96.7	45.7	2,671
May	92	1,171	2,505	1,185	160	360	490	79.7	54.6	2,716
June	102		2,453	1,053	149	389	433	113.1	44.9	3,015
July	121		2,457	1,096	195	287	411	116.2	40.8	2,885
August	90		2,470	1,216	135	382	415	105.1	36.3	2,752
September	70	1,183	2,556	1,208	199	400	465	122.1	39.4	
October			2,571	1,146	206	416	496	139.0	39.0	
1976-77 : July to Oct.		1,354	9,643	4,355	662	1,651	1,714	460	126	
1977-78 : July to Oct.		1,183	10,053	4,666	735	1,486	1,787	483	156	

(b) Includes natural gas. (c) Primary origin only. Source: Bureau of Mineral Resources. (d) Estimated total electricity generated by public utilities, factories generating for their own use and factories supplying electricity for domestic and other consumption. (e) Includes lead content of lead alloys from primary sources but excludes lead-silver bullion. (f) See paragraph 6 Explanatory Notes. (g) Produced by Australian refineries from imported and indigenous petroleum. Source: Department of National Resources. (h) Includes the input of crude, enriched crude and other petroleum based feedstock.