

**PRODUCTION STATISTICS:
AUSTRALIA (PRELIMINARY)
Catalogue No. 8301.0**

NOVEMBER 1979

PRODUCTION STATISTICS : AUSTRALIA, NOVEMBER 1979 (PRELIMINARY)

INQUIRIES

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EXPLANATORY NOTES

Introduction

Preliminary estimates for November 1979 for certain major indicators of production are shown below. Production statistics for November for an extensive range of commodities will be published later in the series of 8 *Production Bulletins* (8357.0 to 8364.0).

Scope

2. Production statistics are not collected from single establishment manufacturing enterprises employing less than four persons or from establishments predominantly engaged in non-manufacturing activities but which may carry out in a minor way some manufacturing. However, in general the contribution of these small producers to statistical aggregates is only marginal and data contained in this publication provide reliable information for the evaluation of trends in commodity production.

Seasonal adjustment

3. Seasonally adjusted statistics are shown for all but two of the data items contained in this publication.

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.

4. Details of the methods used in seasonally adjusting production statistics are available on request and are given in *Seasonally Adjusted Indicators* (1308.0).

Related publications

5. All current publications produced by the ABS are listed in *Catalogue of Publications* (1101.0) which is available free of charge from any ABS office.

Symbols and other usages

r figure or series revised since previous issue

R. J. CAMERON
Australian Statistician

No.	Item	Unit	Percentage change between —											
			1978			1979			3 mths ended					
			Sept.	Oct.	Nov.	Sept.	Oct.	Nov.	Oct. 79 Nov. 79	Nov. 78 Nov. 79	Aug. 79 Nov. 79	Nov. 78 Nov. 79	Nov. 78 Nov. 79	Nov. 78 Nov. 79
1.	Pig iron													
	Original	'000 tonnes	577	626	573	668	697	656	-5.9	+14.5	+4.8	+13.8		
	Seas. adj.	"	586	618	601	686	690	682	-1.2	+13.5	+7.2	+14.0		
2.	Raw steel (a)													
	Original	"	593	660	597	705	734	674	-8.2	+12.9	+4.1	+14.2		
	Seas. adj.	"	594	622	640	727	686	711	+3.6	+11.1	+2.5	+14.4		
3.	Blooms and slabs													
	Original	"	565	576	516	602	585	524	-10.4	+1.6	+4.1	+3.3		
	Seas. adj.	"	540	539	530	586	550	528	-4.0	-0.4	+1.7	+3.4		
4.	Tinplate													
	Original	"	31.2	31.6	28.1	34.4	37.6	35.2	-6.4	+25.3	+35.2	+17.9		
	Seas. adj.	"	30.5	29.1	28.4	33.5	34.9	35.4	+1.4	+24.7	+31.7	+17.8		
5.	Gas (b)	mil. megajoules	22,886	22,622	22,404	r26,762	r25,885	23,284	-10.1	+3.9	-13.4	+11.3		
	Original	"	21,162	22,103	24,323	r24,731	r25,134	25,481	+1.4	+4.8	+2.7	+11.5		
6.	Electricity	mil. kWh	7,553	7,398	7,112	8,025	7,930	7,513	-5.3	+5.6	-10.5	+6.4		
	Original	"	7,381	7,445	7,523	7,925	7,877	7,976	+1.3	+6.0	+2.0	+6.4		
7.	Bricks, clay													
	Original	million	159	167	172	184	200	201	+0.5	+16.9	+4.3	+17.5		
	Seas. adj.	"	152	156	161	184	180	187	+3.9	+16.2	+4.2	+17.5		
8.	Cement, Portland													
	Original	'000 tonnes	477	436	455	456	461	476	+3.3	+4.6	+1.1	+1.8		
	Seas. adj.	"	456	415	428	442	444	437	-1.6	+2.1	—	+1.9		
9.	Particle board													
	Original	'000 cu m	47.9	48.3	51.7	46.9	52.3	52.0	-0.6	+0.6	+8.0	+2.2		
	Seas. adj.	"	46.9	45.4	44.4	45.3	44.9	49.3	+9.8	+11.0	+7.1	+2.1		
10.	Plastics and synthetic resins (c)													
	Original	tonne	34,784	32,830	32,556	37,331	34,384	42,457	+23.5	+30.4	-7.2	+14.0		
	Seas. adj.	"					Not available							

PRODUCTION STATISTICS, AUSTRALIA, NOVEMBER 1979 (PRELIMINARY) - continued

No.	Item	Unit	Percentage change between -								
			1978			1979			3 months ended		
			Sept.	Oct.	Nov.	Sept.	Oct.	Nov.	Oct. 79 and Nov. 79	Nov. 78 and Nov. 79	Aug. 79 Nov. 79
11.	Floor coverings										
	Original	'000 sq. m	3,123	3,268	3,091	3,398	3,645	3,616	-0.8	+17.0	+9.1
	Seas. adj.	"	2,760	2,908	2,745	3,056	3,128	3,274	+4.7	+19.3	+1.5
	Acid -										
12.	Sulphuric										
	Original	'000 tonnes	144	154	149	131	179	195	+8.9	+30.9	+7.9
	Seas. adj.	"	149	156	146	138	186	184	-1.1	+26.0	-11.7
13.	Nitric										
	Original	'000 tonnes	11.6	15.1	14.5	19.3	18.4	15.5	-15.8	+6.9	+17.4
	Seas. adj.	"				Not available					+28.8
14.	Refrigerators, domestic										
	Original	'000	22.4	22.4	25.7	22.6	26.0	26.5	+1.9	+3.1	+3.3
	Seas. adj.	"	19.7	19.5	20.3	20.5	21.6	21.5	-0.5	+5.9	-7.0
15.	Clothes washing machines -										
	Domestic										
	Original	"	33.1	31.6	37.3	28.9	36.1	30.5	-15.5	-18.2	-9.8
	Seas. adj.	"	28.7	28.1	30.1	25.1	30.6	25.7	-16.0	-14.6	-6.4
16.	Television sets (d)										
	Original	"	26.7	23.8	28.3	23.2	29.0	34.8	+20.0	+23.0	+3.0
	Seas. adj.	"	23.2	22.4	23.2	21.1	26.5	28.3	+6.8	+22.0	+0.3
	Electric motors -										
17.	Under 720 W										
	Original	"	289	267	286	344	331	349	+5.4	+22.0	+25.5
	Seas. adj.	"	256	230	228	301	274	294	+7.3	+29.0	+14.3
18.	720 W and over										
	Original	"	26.8	35.2	33.6	31.9	40.6	36.9	-9.1	+9.8	+14.8
	Seas. adj.	"	25.1	29.5	28.2	30.0	33.9	31.0	-8.6	+9.9	+3.2
19.	Internal combustion engines -										
	Petrol (e)										
	Original	"	26.7	35.0	31.2	23.5	36.9	31.5	-14.6	+1.0	+58.7
	Seas. adj.	"	19.0	21.2	20.4	16.7	22.3	20.5	-8.1	+0.5	+4.6
20.	Lawn mowers -										
	Petrol-rotary type										
	Original	"	40.0	48.8	43.7	31.1	52.3	47.1	-9.9	+7.8	+79.0
	Seas. adj.	"	26.1	27.1	27.4	20.3	29.3	29.6	+1.0	+8.0	-0.1
	Motor vehicles (f) -										
21.	Cars and station wagons										
	Original	"	31.5	34.7	36.4	35.6	38.3	37.7	-1.6	+3.6	-4.0
	Seas. adj.	"	28.6	30.1	30.0	32.2	32.9	31.6	-4.0	+5.3	-14.0
22.	Utilities and panel vans										
	Original	"	3.02	2.91	2.80	2.53	3.95	2.43	-38.5	-13.2	+14.7
	Seas. adj.	"	2.64	2.82	2.36	2.22	3.84	2.04	-46.9	-13.6	+12.2
23.	Trucks and truck type										
	Original	"	2.73	3.18	2.80	2.07	2.65	2.19	-17.4	-21.8	-2.5
	Seas. adj.	"	2.33	2.98	2.53	1.82	2.46	1.94	-21.1	-23.3	-2.4
	Yarn (g) -										
24.	Cotton										
	Original	'000 kg	2,105	1,793	1,857	2,376	2,056	1,959	-4.7	+5.5	+4.5
	Seas. adj.	"	1,811	1,671	1,740	2,185	1,823	1,809	-0.8	+4.0	+10.2
25.	Wool										
	Original	"	1,822	1,760	1,864	1,761	2,034	1,915	-5.9	+2.7	+0.9
	Seas. adj.	"	1,725	1,604	1,705	1,722	1,737	1,820	+4.8	+6.7	+1.8
	Woven cloth (g) -										
26.	Cotton (excl. towelling)										
	Original	'000 sq. m	4,267	3,871	3,642	4,925	3,745	3,659	-2.3	+0.5	-1.4
	Seas. adj.	"	3,477	3,477	3,373	4,536	3,254	3,092	-5.0	-8.3	-0.1
27.	Wool (excl. blanketing)										
	Original	"	667	839	840	754	929	995	+7.1	+18.5	+21.7
	Seas. adj.	"	671	722	680	786	744	840	+12.9	+23.5	+5.0
28.	Cellulosic fibre										
	Original	"	1,554	1,744	1,557	1,644	1,928	1,594	-17.3	+2.4	-3.3
	Seas. adj.	"	1,403	1,582	1,357	1,546	1,720	1,360	-20.9	+0.2	-1.5
29.	Synthetic fibre										
	Original	"	9,329	10,586	10,311	10,270	12,830	11,800	-8.0	+14.4	-1.6
	Seas. adj.	"	8,503	9,490	9,323	9,673	11,102	10,687	-3.7	+14.6	+1.2
	Confectionery -										
30.	Chocolate base										
	Original	'000 kg	4,206	4,229	3,995	4,319	4,456	4,527	+1.6	+13.3	-15.1
	Seas. adj.	"	4,479	4,249	4,185	4,747	4,208	4,904	+16.5	+17.2	+4.6
31.	Other										
	Original	"	5,125	5,288	5,248	5,047	5,270	5,232	-6.1	-0.3	+11.1
	Seas. adj.	"	4,667	4,587	4,555	4,702	4,678	4,606	-1.5	+1.1	+2.6
32.	Beer (h)										
	Original	mil. litres	138	169	195	148	182	191	+5.0	-2.1	+20.6
	Seas. adj.	"	141	159	169	159	165	165	-	-2.4	-0.4
33.	Tobacco and cigarettes (i)										
	Original	'000 kg	1,808	2,461	2,984	2,268	2,859	n.y.a.			
	Seas. adj.	"	2,179	2,352	2,612	2,887	2,656				

(a) Includes continuous cast billets. (b) Available for issue through mains. Includes natural gas. (c) For moulding, extrusion, laminating and calendaring only. (d) Includes combination with radio etc. (e) Excludes marine inboard, motor car, truck, tractor and aero engines, but includes engines for outboard motors. (f) Includes vehicles which are disposed of by the manufacturer in a partly finished state. (g) Includes mixture predominantly of the fibre named. (h) Includes ale and stout. (i) Source : Department of Business and Consumer Affairs.

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PRODUCTION STATISTICS, AUSTRALIA, NOVEMBER 1979 (PRELIMINARY) — continued

No.	Item	Unit	Percentage change between								
			1978			1979			3 months ended		
			Oct.	Nov.	Dec.	Oct.	Nov.	Dec.	Nov. 79 and Dec. 78	Dec. 79 and Dec. 78	Sept. 79 and Dec. 78
11.	Floor coverings										
	Original	'000 sq. m	3,268	3,091	2,513	13,628	13,358	2,704	-19.5	+7.6	-4.9
	Seas. adj.	"	2,908	2,745	2,813	13,113	13,040	3,064	+0.8	+8.9	-1.7
12.	Acid										
	Sulphuric										
	Original	'000 tonnes	154	149	171	179	195	186	-4.6	+8.8	+27.9
	Seas. adj.	"	156	146	154	186	184	167	-9.2	+8.4	+0.6
13.	Nitric										
	Original	'000 tonnes	15.1	14.5	16.3	18.4	15.5	10.5	-32.3	-35.6	-15.4
	Seas. adj.	"					Not available				-3.3
14.	Refrigerators, domestic										
	Original	'000	22.4	25.7	16.5	26.0	26.5	17.4	-34.3	+5.5	-5.5
	Seas. adj.	"	19.5	20.3	19.2	21.6	21.5	20.0	-7.0	+4.2	-5.5
15.	Clothes washing machines — Domestic										
	Original	"	31.6	37.3	25.0	36.1	30.5	19.5	-36.1	-22.0	-15.3
	Seas. adj.	"	28.1	30.1	31.6	30.6	25.7	24.6	-4.3	-22.2	-9.6
16.	Television sets (d)										
	Original	"	23.8	28.3	18.0	29.0	34.8	21.4	-38.5	+13.2	+20.0
	Seas. adj.	"	22.4	23.2	23.7	26.5	28.3	27.7	-2.1	+16.9	+9.1
17.	Electric motors — Under 720 W										
	Original	"	267	286	238	331	349	292	-16.3	+22.7	+5.9
	Seas. adj.	"	230	228	252	274	294	311	+5.8	+23.4	+8.0
18.	720 W and over										
	Original	"	35.2	33.6	27.1	40.6	36.9	30.1	-18.4	+11.1	+9.0
	Seas. adj.	"	29.5	28.2	28.0	33.9	31.0	31.0	-	+10.7	+6.0
19.	Internal combustion engines — Petrol (e)										
	Original	"	35.0	31.2	15.4	36.9	31.5	14.8	-53.6	-3.9	+22.5
	Seas. adj.	"	21.2	20.4	16.4	22.3	20.5	15.7	-23.4	-4.3	+10.6
20.	Lawn mowers — Petrol rotary type										
	Original	"	48.8	43.7	24.6	52.3	47.1	25.2	-46.5	+2.4	+38.3
	Seas. adj.	"	27.1	27.4	24.7	29.3	29.6	25.3	-14.5	+2.4	+11.8
21.	Motor vehicles (f) — Cars and station wagons										
	Original	"	34.7	36.4	27.8	38.3	37.7	25.8	-31.6	-7.2	-10.5
	Seas. adj.	"	30.1	30.0	33.5	32.9	31.6	30.8	2.5	-8.1	-10.0
22.	Utilities and panel vans										
	Original	"	2.91	2.80	2.18	3.95	2.43	1.72	-29.2	-21.1	+3.2
	Seas. adj.	"	2.82	2.36	2.58	3.84	2.04	2.02	-0.5	-21.3	+11.1
23.	Trucks and truck type										
	Original	"	3.18	2.80	2.02	2.65	2.19	1.54	-29.7	-23.8	-4.9
	Seas. adj.	"	2.98	2.53	2.45	2.46	1.94	1.93	-0.5	-21.2	+8.2
24.	Yarn (g) — Cotton										
	Original	'000 kg	1,793	1,857	1,426	2,056	1,949	1,770	-9.6	+34.1	-9.9
	Seas. adj.	"	1,671	1,740	1,794	1,823	1,809	2,341	+29.4	+30.5	+5.5
25.	Wool										
	Original	"	1,760	1,864	1,371	2,034	1,915	1,229	-35.8	10.4	-9.5
	Seas. adj.	"	1,604	1,705	1,762	1,737	1,820	1,588	-12.7	-9.9	2.3
26.	Woven cloth (g) — Cotton (excl. towelling)										
	Original	'000 sq. m	3,871	3,642	2,791	3,745	3,659	3,519	-3.3	+26.8	15.4
	Seas. adj.	"	3,477	3,373	3,140	3,254	3,092	4,473	+44.7	+42.5	-6.6
27.	Wool (excl. blanketing)										
	Original	"	1,783	1,785	601	929	995	661	-33.6	+10.0	+12.8
	Seas. adj.	"	1,674	1,635	677	744	840	770	-8.3	+13.7	+2.9
28.	Cellulosic fibre										
	Original	"	1,744	1,557	1,205	1,928	1,594	1,294	-18.8	+7.4	+6.4
	Seas. adj.	"	1,582	1,357	1,449	1,720	1,360	1,596	+17.4	+10.1	+0.2
29.	Synthetic fibre										
	Original	"	110,635	110,362	7,786	12,830	11,800	8,140	-31.0	+4.5	-2.9
	Seas. adj.	"	19,533	19,368	9,772	11,102	10,687	10,325	-3.4	+5.7	+5.6
30.	Confectionery — Chocolate base										
	Original	'000 kg	4,229	3,995	3,025	14,458	14,528	2,830	-37.5	-6.4	-17.0
	Seas. adj.	"	4,249	4,185	4,308	14,210	14,905	4,040	-17.6	-6.2	+2.1
31.	Other										
	Original	"	5,288	5,248	4,115	5,570	5,232	3,726	-28.8	-9.5	-0.9
	Seas. adj.	"	4,587	4,555	4,516	4,678	4,606	4,149	-9.9	-8.1	-2.0
32.	Beer (h)										
	Original	mil. litres	169	195	215	182	189	183	-3.2	-14.9	+24.2
	Seas. adj.	"	159	169	185	165	164	156	-4.9	-15.7	-0.4
33.	Tobacco and cigarettes (i)										
	Original	'000 kg	2,461	2,984	1,934	2,859	2,588	1,339	-48.3	-30.8	-13.2
	Seas. adj.	"	2,352	2,612	2,425	2,656	2,228	1,713	-23.1	-29.3	-10.7

(a) Includes continuous cast billets. (b) Available for issue through mains. Includes natural gas. (c) For moulding, extrusion, laminating and calendaring only. (d) Includes combination with radio etc. (e) Excludes marine inboard, motor car, truck, tractor and aero engines, but includes engines for outboard motors. (f) Includes vehicles which are disposed of by the manufacturer in a partly finished state. (g) Includes mixture predominantly of the fibre named. (h) Includes ale and stout. (i) Source: Department of Business and Consumer Affairs.