



Manufacturing Production Australia

Household Appliances and Electrical Equipment

September - November 1993

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MANUFACTURING PRODUCTION, AUSTRALIA

**HOUSEHOLD APPLIANCES
AND ELECTRICAL EQUIPMENT
SEPTEMBER - NOVEMBER 1993**

IAN CASTLES
Australian Statistician

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INQUIRIES

- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Rod Smith on Melbourne (03) 615 7635 or any ABS office.*
 - *for information about other ABS statistics and services please refer to the back page of this publication.*
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TABLE 1. CLOTHES WASHING AND DRYING MACHINES
(number)

Period	Household or laundry type clothes washing machines			Clothes drying machines (c) (775.12)
	Original (775.11)	Seasonally adjusted (a)	Trend (b)	
1990-91	325,558	..	..	157,942
1991-92	295,778	..	..	150,134
1992-93	307,671	..	..	149,342
1992 —				
September	26,329	24,165	24,239	4,333
October	24,200	22,896	24,489	6,660
November	25,884	24,824	24,980	8,682
December	22,813	24,700	25,657	8,957
1993 —				
January	14,030	28,655	26,445	6,738
February	25,222	26,442	27,043	15,518
March	30,955	27,636	27,062	20,087
April	25,704	27,256	26,669	18,352
May	25,086	25,727	26,326	21,597
June	27,354	26,956	26,355	14,860
July	27,791	23,561	26,814	17,406
August	32,336	26,826	27,497	11,607
September	34,473	32,336	28,171	10,601
October	29,636	29,147	28,705	8,803
November	29,896	26,962	29,101	9,131
1992-93: July to Nov.	136,507	..	..	43,233
1993-94: July to Nov.	154,132	..	..	57,548

(a) See paragraph 5, Explanatory Notes. (b) See paragraph 6 to 9, Explanatory Notes. (c) Each of a dry linen capacity not exceeding 10 kg.

TABLE 2. REFRIGERATORS AND FREEZERS
(number)

Period	Refrigerators-domestic						Freezers- domestic (upright and chest) (775.22)	
	Single door (775.23)	Twin door			Original	Seasonally adjusted(a)		Trend(b)
		Frost free (775.24)	Other (775.25)	Total				
1990-91	105,703	84,956	172,440	363,099	..	..	94,087
1991-92	91,842	98,254	182,356	372,452	..	..	95,229
1992-93	93,130	n.p.	n.p.	393,047	..	..	101,476
1992 —								
September	8,211	8,090	12,906	29,207	27,522	29,498	8,223	
October	10,296	10,775	18,064	39,135	35,904	32,215	8,130	
November	9,427	11,984	16,766	38,177	33,875	35,189	8,775	
December	8,528	10,413	13,130	32,071	34,570	37,728	11,441	
1993 —								
January	9,373	12,147	13,138	34,658	47,026	39,014	10,175	
February	7,916	11,114	15,659	34,689	34,474	38,666	8,463	
March	8,476	14,038	17,836	40,350	39,632	36,773	9,083	
April	7,045	10,629	13,869	31,543	34,858	34,133	7,194	
May	6,687	11,149	14,040	31,876	30,530	31,768	9,446	
June	5,677	n.p.	n.p.	26,502	28,040	30,564	7,401	
July	6,493	n.p.	n.p.	29,856	28,588	30,987	7,113	
August	6,687	n.p.	n.p.	32,486	30,812	32,376	7,042	
September	7,937	n.p.	n.p.	41,786	38,153	34,112	7,228	
October	7,888	n.p.	n.p.	38,778	38,028	n.y.a.	7,759	
November	8,468	n.p.	n.p.	41,601	35,780	n.y.a.	10,042	
1992-93: July to Nov.	39,428	48,861	73,069	161,358	..	..	38,273
1993-94: July to Nov.	37,473	n.p.	n.p.	184,507	..	..	39,184

(a) See paragraph 5, Explanatory Notes. (b) See paragraph 6 to 9, Explanatory Notes.

TABLE 3. COOKING STOVES, OVENS AND RANGES
(number)

Period	Domestic types						Total
	Electric			Gas			
	Ranges(a) fixed and other (775.95)	Wall ovens (775.96)	Cooking tops (775.97)	Standard town (697.36)	LP and TLP (697.37)	Natural (697.38)	
1990-91	102,733	90,335	58,888	24,220	23,569	60,080	107,869
1991-92	110,637	103,180	64,905	n.p.	38,890	n.p.	167,852
1992-93	n.p.	n.p.	n.p.	n.p.		n.p.	n.p.
1992 —							
September	10,313	10,779	6,387	n.p.		14,624	n.p.
October	8,789	10,674	6,316	n.p.		13,944	n.p.
November	10,248	11,229	6,292	3,764		14,353	18,117
December	8,021	11,761	4,378	4,103		15,090	19,193
1993 —							
January	3,716	6,066	2,757	815		5,489	6,304
February	8,930	10,192	5,246	n.p.		14,637	n.p.
March	n.p.	n.p.	n.p.	n.p.		15,306	n.p.
April	n.p.	n.p.	n.p.	n.p.		14,823	n.p.
May	n.p.	n.p.	n.p.	n.p.		16,693	n.p.
June	n.p.	n.p.	n.p.	n.p.		n.p.	n.p.
July	n.p.	n.p.	n.p.	n.p.		n.p.	n.p.
August	n.p.	n.p.	n.p.	n.p.		n.p.	n.p.
September	n.p.	n.p.	n.p.	n.p.		n.p.	n.p.
October	n.p.	12,921	7,006	n.p.		n.p.	n.p.
November	n.p.	n.p.	n.p.	n.p.		n.p.	n.p.
1992-93: July to Nov.	50,343	50,867	30,981	n.p.		67,959	n.p.
1993-94: July to Nov.	n.p.	n.p.	n.p.	n.p.		n.p.	n.p.

(a) Having at least one hotplate and one oven separately heated. Total rating not exceeding 15kW.

TABLE 4. COLOUR TELEVISION SETS
(number)

Period	less than 53cm (761.11 12,13)	53cm but less than 62cm (761.14)	62cm and over (761.15,16)	Total		
				Original	Seasonally adjusted(a)	Trend(b)
1990-91	102,326	650	64,198	167,174	..	..
1991-92	94,232	1,358	81,221	176,811	..	..
1992-93	n.p.	n.p.	62,500	154,447	..	..
1992 —						
September	6,890	n.p.	n.p.	15,211	14,318	13,543
October	7,310	n.p.	n.p.	15,152	12,603	12,921
November	7,559	n.p.	n.p.	13,815	12,649	12,242
December	6,658	n.p.	n.p.	11,114	12,338	11,744
1993 —						
January	715	n.p.	n.p.	2,633	8,968	11,580
February	6,350	n.p.	n.p.	11,914	12,074	11,688
March	7,102	n.p.	n.p.	14,790	13,183	11,891
April	n.p.	n.p.	3,519	10,967	11,876	12,153
May	n.p.	n.p.	5,678	14,315	13,481	12,421
June	n.p.	n.p.	6,011	12,156	12,043	12,662
July	n.p.	n.p.	6,264	12,299	11,020	12,840
August	n.p.	n.p.	6,446	15,730	13,376	13,057
September	n.p.	n.p.	5,715	17,355	16,077	13,281
October	n.p.	n.p.	6,532	13,768	11,993	13,437
November	n.p.	n.p.	6,964	14,698	13,055	13,451
1992-93: July to Nov.	37,707	n.p.	n.p.	76,558	..	..
1993-94: July to Nov.	n.p.	n.p.	31,921	73,850	..	..

(a) See paragraph 5, Explanatory Notes. (b) See paragraph 6 to 9, Explanatory Notes.

TABLE 5. ELECTRIC KETTLES, FANS AND AIR CONDITIONERS
(number)

Period	Electric kettles (775.99)	Electric fans (743.42.44)	Air conditioning machines(a) other than self-contained window or wall type	
			Domestic (741.52)	Other (741.54)
1990-91	575,810	555,190	83,125	10,813
1991-92	n.p.	598,072	59,696	8,658
1992-93	488,982	749,172	69,199	9,573
1992 —				
September	35,461	64,459	6,170	786
October	45,570	77,470	8,411	703
November	n.p.	61,456	7,824	950
December	n.p.	67,773	4,625	798
1993 —				
January	15,374	42,421	2,485	609
February	34,689	49,502	8,018	835
March	42,789	61,029	7,786	840
April	40,146	67,977	6,155	1,029
May	n.p.	54,434	6,116	839
June	52,311	61,434	7,690	718
July	38,064	74,256	2,764	820
August	57,895	89,587	6,548	812
September	46,950	73,806	8,901	740
October	35,199	47,153	11,435	750
November	39,356	58,712	13,590	827
1992-93: July to Nov.	n.p.	344,602	26,324	3,905
1993-94: July to Nov.	217,464	343,514	43,238	3,949

(a) Comprises a motor driven fan and elements for changing the temperature and humidity. Excludes automotive types.

TABLE 6. WATER HEATERS(a)
(number)

Period	Electric				
	Storage and immersion				
	Instantaneous (775.75)	Full mains pressure (775.93)	Other (775.94)	Gas (741.76.81)	Solar(b) (741.77)
1990-91	11,960	263,830	25,316	176,728	26,284
1991-92	9,650	291,958	27,685	185,252	25,090
1992-93	10,182	308,690	27,422	192,277	29,554
1992 —					
September	905	26,818	2,467	18,505	2,931
October	872	25,224	2,274	17,362	2,651
November	999	24,445	1,857	16,424	2,606
December	n.p.	25,669	1,932	12,374	1,831
1993 —					
January	718	10,005	1,349	6,539	991
February	576	25,217	1,815	15,729	2,234
March	569	33,337	2,739	16,496	2,765
April	866	21,348	2,094	14,051	2,481
May	962	25,193	2,457	17,631	2,855
June	n.p.	30,699	3,323	19,611	2,719
July	1,252	29,891	2,308	19,563	3,141
August	751	35,825	2,912	19,739	2,287
September	1,097	34,346	2,037	19,038	2,391
October	748	33,726	1,913	18,240	2,679
November	975	32,495	1,819	18,862	3,313
1992-93: July to Nov.	4,479	137,222	11,713	89,846	13,678
1993-94: July to Nov.	4,823	166,283	10,989	95,442	13,811

(a) Both domestic and non-domestic. (b) Includes systems which also have a conventional backup energy source.

TABLE 7. SPACE HEATERS AND SOLAR COLLECTORS

Period	Non-electric domestic space heaters			
	Electric space heating and soil heating apparatus (775.82)	Solid fuel space heaters(a) (697.61)	Gas fires and gas space heaters (697.62)	Solar collectors(b) (775.52)
	number	number	number	sq.m
1990-91	497,590	26,835	64,525	91,364
1991-92	321,144	18,960	51,633	93,847
1992-93	219,805	26,204	72,496	111,392
<i>1992 —</i>				
September	1,082	273	1,718	10,470
October	770	195	1,934	12,708
November	2,291	228	1,733	10,112
December	14,671	988	2,022	7,527
<i>1993 —</i>				
January	13,773	1,405	1,572	3,353
February	18,612	2,128	4,982	7,825
March	36,803	5,064	10,535	8,454
April	44,338	3,978	12,686	11,348
May	39,470	4,576	13,371	9,492
June	34,611	5,497	12,995	10,555
July	19,012	1,089	8,755	10,280
August	4,107	449	5,327	8,972
September	1,702	215	2,828	9,059
October	1,356	198	n.p.	9,242
November	3,046	197	3,231	10,312
1992-93: July to Nov.	17,527	2,568	14,333	52,838
1993-94: July to Nov.	29,223	2,148	n.p.	47,865

(a) Includes combustion heaters, pot belly stoves and fireplace inserts. (b) For household or industrial water heating purposes (e.g. hot water systems, swimming pool heating). Production figures relate to effective area of aperture.

TABLE 8. LAWN MOWERS
(number)

Period	Lawn mowers with engine (undercut rotary petrol type) 2 stroke or 4 stroke type (721.33)		
	Original	Seasonally adjusted(a)	Trend(b)
1990-91	224,033	..	..
1991-92	215,673	..	..
1992-93	274,263	..	..
<i>1992 —</i>			
September	31,962	20,836	21,008
October	34,470	20,866	23,469
November	38,467	26,745	25,785
December	32,446	26,380	27,284
<i>1993 —</i>			
January	24,270	32,275	27,441
February	29,720	27,346	26,045
March	20,958	22,038	23,415
April	10,708	19,327	20,439
May	9,276	19,063	18,307
June	7,186	14,440	17,939
July	12,973	17,089	19,299
August	24,185	22,859	21,566
September	39,552	25,616	23,942
October	42,700	27,791	n.y.a.
November	42,345	27,569	n.y.a.
1992-93: July to Nov.	139,699	..	..
1993-94: July to Nov.	161,755	..	..

(a) See paragraph 5, Explanatory Notes. (b) See paragraph 6 to 9, Explanatory Notes.

TABLE 9. ELECTRIC AND TELEPHONE CABLE, WIRE AND STRIP
(tonnes)

Period	Uninsulated		Insulated		
	Stranded wire, cables cordage ropes, plaited bands, slings and the like, of aluminium (693.13)	Power transmission and distribution(a)			Other (e.g. for communications, electronics and appliances) (c) (773.33)
		Copper(b)		Other (773.32)	
		Paper insulated (773.19)	Otherwise insulated (773.31)		
1990-91	9,897	2,456	36,445	4,032	9,278
1991-92	8,488	1,942	30,200	5,427	8,494
1992-93	n.p.	1,602	34,398	11,421	8,353
1992 —					
September	456	196	2,797	757	764
October	414	209	2,954	1,040	697
November	453	148	2,811	915	709
December	341	99	2,365	876	550
1993 —					
January	425	52	1,430	766	247
February	654	106	2,759	1,167	893
March	1,024	109	3,540	1,395	702
April	879	109	3,148	1,208	697
May	881	138	3,193	987	802
June	n.p.	119	2,761	861	781
July	n.p.	114	3,623	951	537
August	n.p.	153	3,105	850	820
September	n.p.	166	3,599	976	653
October	n.p.	129	3,666	889	745
November	n.p.	79	3,390	860	761
1992-93: July to Nov.	2,021	870	15,202	4,161	3,681
1993-94: July to Nov.	n.p.	641	17,383	4,526	3,516

(a) Includes household and building wiring. Excludes co-axial cable and other co-axial conductors from July 1989. (b) Weight of copper content only. (c) Excludes automotive low voltage. Excludes winding wire, co-axial cable and other co-axial conductors from July 1989.

TABLE 10. ELECTRICAL POWER TRANSFORMERS FOR TRANSMISSION AND DISTRIBUTION
OF POWER(a)
(Total kVA capacity)

Period	Up to and including 63 kVA		Over 63kVA up to and including 500kVA (771.17)	Over 500kVA up to and including 1,000 kVA (771.19)	Over 1,000 kVA up to and including 10,000 kVA (771.32)	Over 10,000 kVA (771.34)	Total
	Single phase (771.13)	Multi phase (771.15)					
1990-91	178,502	150,369	1,359,639	823,795	1,244,113	2,713,062	6,469,480
1991-92	116,030	112,363	1,035,556	609,064	1,159,160	3,420,000	6,452,173
1992-93	140,642	137,139	728,186	374,100	913,430	4,183,957	6,477,454
1992 —							
September	12,692	13,036	55,470	22,850	56,308	626,000	786,356
October	11,202	13,467	50,645	41,850	127,400	192,500	437,064
November	14,521	12,716	57,213	32,800	61,950	131,657	310,857
December	10,620	6,704	54,045	35,950	83,860	1,079,500	1,270,679
1993 —							
January	12,180	6,800	28,615	11,350	38,350	80,000	177,295
February	12,617	15,021	57,641	29,450	62,250	87,000	263,979
March	11,479	11,498	90,809	35,250	109,500	133,000	391,536
April	9,987	12,987	52,967	46,910	96,000	470,000	688,851
May	11,414	8,374	67,253	26,500	97,050	60,000	270,591
June	11,559	12,255	66,555	34,360	60,150	390,000	574,879
July	10,917	11,786	57,161	37,600	110,200	360,000	587,664
August	11,044	10,463	78,020	47,850	113,490	139,000	399,867
September	11,613	10,069	100,971	40,981	119,806	625,000	908,440
October	15,869	10,460	67,822	53,952	98,202	625,001	871,306
November	16,133	14,408	70,455	40,404	83,001	214,000	438,401
1992-93: July to Nov.	60,786	63,500	310,301	154,330	366,270	1,884,457	2,839,644
1993-94: July to Nov.	65,576	57,186	374,429	220,787	524,699	1,963,001	3,205,678

(a) Includes those made for incorporation by manufacturers in own products. Dual rating transformers are classified according to the maximum capacity at which they can operate at the time of manufacture.

TABLE 11. ELECTRIC MOTORS (a)
(number)

Period	Single phase AC motors					Over 746W (716.68, 69.70)
	DC motors and generators (b) (716.87, 88,89,91)	Up to and including 37.5W (716.61)	Over 37.5W up to and including 190W (716.62,63)	Over 190W up to and including 380W (716.64,65)	Over 380W up to and including 746W (716.66,67)	
1990-91	1,464	n.p.	892,011	220,311	293,164	n.p.
1991-92	1,092	793,055	791,497	181,371	240,205	n.p.
1992-93	772	1,089,605	863,431	195,576	539,079	
1992 —						
September	84	84,763	73,971	14,454	45,187	
October	56	86,143	77,701	16,813	59,787	
November	78	82,276	77,747	17,260	45,273	
December	85	74,377	60,326	16,454	46,027	
1993 —						
January	36	n.p.	39,218	9,179	20,124	
February	63	100,929	80,935	16,348	45,663	
March	109	119,882	91,698	19,103	46,928	
April	72	114,757	74,342	17,094	42,656	
May	23	107,058	76,154	19,839	49,263	
June	62	n.p.	78,190	17,077	42,931	
July	147	85,357	66,631	13,847	44,024	
August	68	45,823	77,500	16,914	51,777	
September	91	93,807	89,773	18,140	51,744	
October	69	76,125	89,189	19,341	57,483	
November	62	83,229	84,473	19,616	55,731	
1992-93: July to Nov.	322	446,735	362,568	80,482	245,487	
1993-94: July to Nov.	437	384,341	407,566	87,858	260,759	

(a) Includes those made and incorporated in manufacturers own products. (b) Excludes those for aircraft, motor vehicles, off-highway trucks, materials handling trucks and tractors. (c) Also includes flameproof AC electric motors and universal AC/DC motors (Australian Standard Commodity Classification Items 716.82, 83, 84, 85 and 86). (d) See paragraph 5, Explanatory Notes. (e) See paragraph 6 to 9, Explanatory Notes.

TABLE 11. ELECTRIC MOTORS (a)—continued
(number)

Period	Total electric motors(c)			Trend (e)
	Total Multiphase AC Motors	Original	Seasonally adjusted (d)	
1990-91	34,365	2,479,735	..	..
1991-92	12,248	2,420,850	..	..
1992-93	10,782	2,795,843	..	..
1992 —				
September	447	225,914	194,914	210,908
October	956	248,914	213,507	214,315
November	814	231,022	216,074	221,130
December	889	203,274	217,879	233,677
1993 —				
January	347	138,812	270,076	249,445
February	1,255	253,169	258,566	262,597
March	n.p.	288,485	256,106	266,574
April	983	261,053	288,737	260,115
May	n.p.	261,864	272,021	246,058
June	943	209,230	198,359	229,770
July	1,045	217,455	206,242	217,493
August	r 1,247	r 200,499	r 184,464	211,468
September	881	262,262	232,261	210,772
October	1,434	251,990	222,071	212,788
November	1,536	254,203	224,834	217,815
1992-93: July to Nov.	4,092	1,179,956	..	..
1993-94: July to Nov.	6,143	1,186,409	..	..

(a) Includes those made and incorporated in manufacturers own products. (b) Excludes those for aircraft, motor vehicles, off-highway trucks, materials handling trucks and tractors. (c) Also includes flameproof AC electric motors and universal AC/DC motors (Australian Standard Commodity Classification Items 716.82, 83, 84, 85 and 86). (d) See paragraph 5, Explanatory Notes. (e) See paragraph 6 to 9, Explanatory Notes.

TABLE 12. OTHER ELECTRICAL APPLIANCES AND EQUIPMENT

Period	Audio cassette tapes pre-recorded		Liquid supply or production meters, including calibration meters therefore (excluding reconditioned) (873.13) number
	Singles (898.64) '000	Other (898.66) '000	
1990-91		37,017	329,224
1991-92		36,272	419,544
1992-93	5,035		346,454
1990—	┌──────────────────┐		
December qtr		11,417	69,272
1991—			
March qtr		7,525	80,959
June qtr		8,458	91,141
September qtr		10,189	100,801
December qtr		10,523	95,357
1992—			
March qtr		7,314	102,875
June qtr		8,246	120,511
September qtr	1,387		105,946
December qtr	1,301		65,425
1993—			
March qtr	1,144		73,777
June qtr	1,203		101,306
September qtr	1,510		88,803

EXPLANATORY NOTES

Introduction

This publication is one of a series of ten containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 10.

Classification

2. Data contained in these publications are mostly based on monthly or quarterly collections conducted by the Australian Bureau of Statistics (ABS). Most items are identified by the commodity codes used in the Australian Standard Commodity Classification (ASCC), which was developed by the ABS to facilitate greater comparability of manufacturing production commodity statistics with import and export commodity statistics.

Scope and coverage

3. 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.

4. 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 and trend estimates

5. 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, where appropriate, of 'working-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.

6. The smoothing of seasonally adjusted series to create trend estimates is a means of reducing the impact of the irregular component of the series. The trend estimates have been derived by applying a 13-term Henderson weighted moving average to the seasonally adjusted series.

7. While this smoothing technique enables estimates of trend to be produced for the latest month, it does result in revisions to the estimates for the most recent months as data for subsequent months become available. Generally subsequent revisions become smaller and after 3 months have little impact on the series. There will also be revisions as a result of revisions to the original estimates and annual reviews of seasonal and 'working day' factors.

8. Because of the highly irregular nature of some production series it is not possible to discern with

reasonable confidence the current direction of the trend at the end of these series. For such highly irregular series the ABS does not provide the last two trend estimates.

9. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series — Estimates of 'Trend'* (1316.0) and *Time Series Decomposition — An Overview* (1317.0) for more detailed information on smoothing of seasonally adjusted time series data.

Related publications

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

Manufacturing Production, Australia, Preliminary (8301.0) — issued monthly

Manufacturing Production, Australia, Clothing and Footwear (8358.0) — issued quarterly

Manufacturing Production, Australia, Food, Drink, Tobacco, Stock and Poultry Food (8359.0) — issued quarterly

Manufacturing Production, Australia, Fibres, Yarns, Fabrics, Bedding and Floor Coverings (8360.0) — issued quarterly

Manufacturing Production, Australia, Building Materials and Fittings (8361.0) — issued quarterly

Manufacturing Production, Australia, Plastics, Rubber, Paints, Detergents and Industrial Chemicals (8362.0) — issued quarterly

Manufacturing Production, Australia, Transport Equipment (8363.0) — issued quarterly

Manufacturing Production, Australia, Metal Products (8367.0) — issued quarterly

Manufacturing Production, Australia, Energy Products (8368.0) — issued quarterly

Manufacturing Production, Australia, Wood and Wood Products (8369.0) — issued quarterly

Manufacturing Production, Australia: Principal Commodities Produced, 1989-90 (8365.0) — to be released shortly

Unpublished production data is also available from the ABS Sydney office. Please contact Colin Nicholson on (02) 268 4282.

11. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, 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 for any ABS office.

Symbols and other usages

- n.y.a. not yet available
- n.p. not available for separate publication (but included in totals where applicable)
- n.a. not available.
- .. not applicable
- r revised since previous issue
- nil or rounded to zero
- break in continuity of series (where a line is shown between consecutive figures in the same column)





For more information ...

The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the *ABS Catalogue of Publications and Products* available at all ABS Offices (see below for contact details).

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