



Manufacturing Production Australia

Energy Products

July 1992

Catalogue No. 8368.0

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MANUFACTURING PRODUCTION, AUSTRALIA
ENERGY PRODUCTS
JULY 1992

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AUSTRALIAN BUREAU OF STATISTICS

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INQUIRIES

- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Vaughn Moore on Melbourne (03) 615 7635 or any ABS office.*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. ELECTRICITY
(million kWh)

Period	Total				
	Thermal(a) (351.02.04)	Hydro (351.03)	Original (351.02.04)	Seasonally adjusted(b)	Trend(c)
1989-90	137,191	14,716	151,907	..	..
1990-91	137,879	15,942	153,822	..	..
1991-92	n.p.	n.p.	r 156,413	..	..
1991 —					
May	11,990	1,293	13,283	12,871	12,777
June	11,828	1,114	12,941	12,361	12,738
July	12,871	1,375	14,246	12,780	12,756
August	12,678	1,383	14,061	12,872	12,814
September	11,421	1,396	12,817	12,999	12,891
October	11,363	1,499	12,862	12,905	12,966
November	11,216	1,233	12,449	13,089	13,019
December	11,286	1,204	12,489	13,034	13,040
1992 —					
January	11,401	1,219	12,621	12,994	r 13,055
February	11,222	1,158	12,380	13,057	r 13,073
March	11,884	1,139	13,023	13,118	r 13,083
April	11,200	1,101	12,302	13,062	r 13,076
May	12,136	1,203	13,339	13,108	r 13,055
June	n.p.	n.p.	r 13,825	13,154	r 13,022
July	n.p.	n.p.	14,301	12,752	12,982

TABLE 1. ELECTRICITY—continued
(million kWh)

Period	NSW(d)	Vic(d)	Qld(d)	SA and NT(d) (351.02.04)	WA(d)	Tas(d)	Australia
1989-90	53,901	37,686	27,020	10,665	13,538	9,097	151,907
1990-91	55,346	38,288	27,961	8,878	14,239	9,110	153,822
1991-92	55,566	38,305	28,923	10,026	14,626	8,968	r 156,413
1991 —							
May	4,837	3,410	2,350	719	1,167	800	13,283
June	4,654	3,353	2,260	758	1,156	761	12,941
July	5,236	3,518	2,508	906	1,231	846	14,246
August	5,095	3,492	2,503	902	1,222	847	14,061
September	4,711	3,174	2,184	815	1,166	767	12,817
October	4,562	3,036	2,483	818	1,222	740	12,862
November	4,375	2,990	2,392	833	1,161	698	12,449
December	4,396	2,942	2,363	854	1,245	689	12,489
1992 —							
January	4,563	2,830	2,493	737	1,309	690	12,621
February	4,167	3,131	2,363	802	1,216	701	12,380
March	4,352	3,462	2,467	772	1,255	715	13,023
April	4,204	3,141	2,324	747	1,182	703	12,302
May	4,642	3,439	2,416	884	1,210	748	13,339
June	5,264	3,150	2,428	955	1,206	823	r 13,825
July	5,266	3,475	2,595	985	1,250	731	14,301

(a) Includes electricity generated by diesel power stations. (b) See paragraph 4, Explanatory Notes. (c) See paragraph 5 to 7, Explanatory Notes. (d) 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.

TABLE 2. GAS
(million megajoules)

Period	Gas available for issue through mains (340.01)							Australia		
	NSW and ACT	Vic.	Qld	SA	WA	Tas.		Original	Seasonally adjusted(a)	Trend(b)
1989-90	100,450	222,337	26,721	85,070	156,571	62		591,210	..	..
1990-91	95,130	194,737	26,357	73,265	146,635	68		536,193	..	..
1991-92	95,299	202,699	27,634	78,210	149,534	63		553,438	..	..
1991 —										
May	8,652	20,742	2,473	5,750	12,755	7		50,380	47,049	44,930
June	8,069	20,070	2,326	6,302	12,354	7		49,129	41,296	44,734
July	10,144	21,948	2,546	8,008	12,411	8		55,066	44,502	44,488
August	9,752	22,902	2,515	7,708	12,787	8		55,671	45,048	44,444
September	8,524	18,594	2,559	6,341	13,034	6		49,058	45,515	44,730
October	7,704	14,673	2,207	7,558	12,355	5		44,503	44,046	45,228
November	7,632	13,256	2,348	6,483	12,422	4		42,145	45,916	45,721
December	6,537	10,963	2,238	5,930	13,025	4		38,698	45,855	46,012
1992 —										
January	6,273	13,255	2,036	4,764	12,631	4		38,963	47,611	46,152
February	7,070	12,580	2,121	5,530	11,385	4		38,690	46,396	46,337
March	7,017	13,265	2,224	5,455	11,827	4		39,792	44,875	46,553
April	7,054	15,700	2,086	5,333	12,367	5		42,545	47,073	46,821
May	8,431	19,915	2,353	7,026	12,413	6		50,145	47,035	47,185
June	9,160	25,648	2,399	8,074	12,876	7		58,164	48,573	47,586
July	9,526	25,562	n.p.	8,434	n.p.	7		59,053	47,898	47,904

(a) See paragraph 4, Explanatory Notes. (b) See paragraph 5 to 7, Explanatory Notes.

TABLE 3. PETROLEUM REFINERY INPUT AND PRODUCTS(a)
(megalitres)

Period	Petroleum feedstock(b)	Auto- motive gasoline	Aviation turbine fuel	Fuel oil	Auto- motive diesel oil	Industrial and marine diesel fuel	Bitumen
1989-90	36,356	16,314	3,301	2,477	10,280	143	556
1990-91	37,162	16,454	3,464	2,623	10,284	172	577
1991-92	38,549	17,192	3,840	2,572	10,279	111	545
1991 —							
April	3,083	1,380	252	197	899	23	49
May	3,384	1,433	281	237	871	10	50
June	2,744	1,259	282	249	722	15	40
July	3,154	1,470	295	248	792	8	21
August	3,343	1,459	350	260	845	15	25
September	3,111	1,472	294	234	855	11	36
October	3,433	1,445	379	197	961	11	41
November	3,189	1,354	334	163	807	15	51
December	3,430	1,435	336	269	984	1	60
1992 —							
January	3,314	1,468	386	262	823	25	50
February	3,078	1,471	320	192	853	5	48
March	3,092	1,356	276	167	791	11	62
April	2,968	1,344	279	174	811	1	42
May	3,238	1,416	315	223	859	4	52
June	3,199	1,502	276	183	808	4	57

(a) Produced by Australian refineries from imported and indigenous petroleum. Source: Australian Bureau of Agricultural and Research Economics. (b) Refinery input includes the input of crude and enriched crude.

EXPLANATORY NOTES

Introduction

This publication is one of a series of ten containing monthly and quarterly production statistics. The titles of other publications of this series are shown in paragraph 8.

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 production commodity statistics with import and export commodity statistics. In cases where data are derived from sources other than ABS collections no commodity code is shown and the source of the data is acknowledged in a footnote.

Scope and Coverage

3. The electricity and gas statistics collected by the ABS cover production by all establishments predominantly engaged in the generation of electricity or the distribution of gas.

Seasonal adjustment and trend estimates

4. 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.

5. 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.

6. 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.

7. 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

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

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

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

Manufacturing Commodities : Selected Principal Articles Produced, Australia 1986-87, Preliminary (8365.0)

Manufacturing Commodities : Principal Articles Produced, Australia 1986-87 (8303.0)

9. 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 from any ABS office.

Symbols and other usages

- .. not applicable
- n.p. not available for separate publication (but included in totals where applicable)
- r revised since last issue



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