



**Australian
Bureau of
Statistics**

**Manufacturing Production
Australia**

Energy Products

May 1994 - July 1994

Catalogue No. 8368.0

EMBARGOED UNTIL 11:30 A.M. 21 SEPTEMBER 1994

MANUFACTURING PRODUCTION, AUSTRALIA

**ENERGY PRODUCTS
MAY 1994 - JULY 1994**

**IAN CASTLES
Australian Statistician**

© Commonwealth of Australia 1994

Produced by the Australian Government Publishing Service

CONTENTS

<i>Table</i>		<i>Page</i>
1.	Electricity	1
2.	Gas	2
3.	Petroleum refinery input and products	2
..	Explanatory Notes	3

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- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Rod Smith on Melbourne (03) 615 7635 or any ABS office.*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



TABLE 1. ELECTRICITY
(million kWh)

Period	Total				
	Thermal(a) (351.02.04)	Hydro (351.03)	Original (351.02.04)	Seasonally adjusted(b)	Trend(c)
1991-92	141,071	15,342	156,413	..	..
1992-93	143,299	16,573	159,872	..	..
1993-94	145,541	16,272	161,813	..	..
1993 —				r	r
May	12,244	1,502	13,746	13,479	13,452
June	12,611	1,649	14,259	13,520	13,417
July	13,124	1,466	14,590	13,382	13,405
August	12,883	1,471	14,354	13,351	13,441
September	11,718	1,537	13,254	13,264	13,507
October	11,992	1,473	13,464	13,639	13,597
November	11,981	1,320	13,302	13,939	13,677
December	12,164	1,292	13,456	13,723	13,712
1994 —				r	r
January	11,939	1,232	13,171	13,697	13,682
February	11,272	1,245	12,517	13,560	13,596
March	12,081	1,408	13,489	13,487	13,494
April	r 11,319	1,189	r 12,509	13,278	13,415
May	12,488	1,297	13,785	13,510	13,364
June	12,580	1,341	13,921	13,164	13,333
July	13,213	1,390	14,603	13,447	13,313

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
1991-92	55,566	38,305	28,923	10,026	14,626	8,968	156,413
1992-93	57,794	37,576	30,404	10,227	15,007	8,864	159,872
1993-94	52,049	35,220	30,251	10,560	15,755	8,855	161,813
1993 —							
May	5,242	3,091	2,542	834	1,267	770	13,746
June	5,550	3,164	2,557	886	1,292	810	14,259
July	5,288	3,541	2,645	965	1,326	827	14,590
August	5,123	3,490	2,661	930	1,328	821	14,354
September	4,624	3,173	2,565	874	1,247	771	13,254
October	4,674	3,258	2,683	848	1,249	752	13,464
November	4,612	3,112	2,669	944	1,262	702	13,302
December	4,650	3,224	2,662	875	1,342	703	13,456
1994 —							
January	4,710	2,740	2,753	906	1,364	697	13,171
February	4,526	2,768	2,472	820	1,277	654	12,517
March	4,812	2,904	2,713	918	1,413	728	13,489
April	4,508	2,675	r 2,581	791	1,282	672	r 12,509
May	5,084	3,038	2,728	838	1,331	766	13,785
June	5,181	3,096	2,698	851	1,334	761	13,921
July	5,486	3,165	2,901	885	1,356	810	14,603

(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)
	1991-92	95,299	202,699	27,634	78,210	149,534	63	553,438	..
1992-93	96,215	207,131	26,746	81,827	155,667	61	567,647	..	..
1993-94	97,318	196,533	31,055	89,987	155,667	56	587,382	..	..
1993 —								r	r
May	8,713	19,410	2,385	6,320	13,532	6	50,366	46,581	46,316
June	9,872	23,530	2,588	7,946	13,035	7	56,977	47,171	46,118
July	9,854	22,223	2,654	8,643	13,427	7	56,807	46,841	46,112
August	9,395	19,811	2,750	8,395	14,278	6	54,634	43,788	46,496
September	8,693	18,671	2,701	8,246	13,051	5	51,367	47,071	47,241
October	7,889	15,376	2,673	8,311	13,819	4	48,073	48,512	48,265
November	7,611	13,465	2,590	8,356	14,224	4	46,251	50,115	49,420
December	7,024	12,236	2,344	6,805	15,324	3	43,736	51,539	50,502
1994 —								r	r
January	6,823	10,180	2,318	6,733	13,918	3	39,975	50,670	51,188
February	6,523	11,230	2,311	6,622	13,789	3	40,478	50,266	51,330
March	7,855	13,999	2,546	7,114	15,483	4	47,002	52,673	51,117
April	7,481	r 14,782	2,549	6,143	15,265	4	r 46,223	50,991	50,824
May	8,735	21,928	2,818	7,278	14,351	6	55,116	50,669	50,534
June	9,437	22,632	2,802	7,341	15,501	6	57,719	48,073	50,268
July	10,417	24,999	3,108	7,783	16,062	6	62,375	51,310	50,108

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

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

Period	Petroleum based feedstock(b)	Auto- motive gasoline	Aviation turbine fuel	Fuel oil	Auto- motive diesel oil	Industrial and marine diesel fuel	Bitumen
1991-92	38,549	17,192	3,840	2,571	10,279	111	545
1992-93	40,091	17,730	4,178	2,498	10,603	87	620
1993-94	40,440	17,727	4,320	2,263	11,063	95	662
1993 —							
April	3,437	1,434	323	216	872	4	63
May	3,485	1,573	360	161	932	7	76
June	3,329	1,486	344	178	877	3	56
July	3,438	1,502	350	186	926	6	50
August	3,493	1,600	379	198	944	4	37
September	3,192	1,416	359	250	933	9	36
October	3,411	1,510	385	201	951	10	54
November	3,454	1,325	375	174	927	12	63
December	3,481	1,480	383	167	956	1	72
1994 —							
January	3,503	1,610	355	195	941	4	46
February	2,939	1,425	329	152	854	16	55
March	3,467	1,572	362	175	855	10	65
April	3,229	1,358	348	192	821	5	66
May	3,341	1,591	353	175	999	8	54
June	3,492	1,338	342	198	956	10	64

(a) Produced by Australian refineries from imported and indigenous petroleum. Source: ABARE. (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. As happens with all seasonally adjusted series the seasonal factors are reviewed annually to take account of each additional year's original data. The results of the latest review were used to compile the revised seasonally adjusted and trend estimates contained in this bulletin. Regular subscribers can obtain a complimentary copy of the full revised series 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

Manufacturing Production, Australia, Household Appliances and Electrical Equipment (8357.0) — issued quarterly

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, Wood and Wood Products (8369.0) — issued quarterly

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

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

Unpublished production data is also available from the ABS Sydney office. Please contact Frank Orton on (02) 268 4245.

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

r revised since last issue



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).

Information Consultancy Service

Information tailored to special needs of clients can be obtained from the Information Consultancy Service available at ABS Offices (see Information Inquiries below for contact details).

National Dial-a-Statistic Line

0055 86 400

(Steadycom P/L: premium rate 25c/21.4 secs.)

This number gives 24-hour access, 365 days a year for a range of statistics.

Electronic Data Services

A large range of data is available via on-line services, diskette, magnetic tape, tape cartridge and CD ROM. For more details about our electronic data services, contact any ABS Office (see below).

Bookshops and Subscriptions

There are over 400 titles of various publications available from ABS bookshops in all ABS Offices (see below Bookshop Sales for contact details). The ABS also provides a subscription service through which nominated publications are provided by mail on a regular basis at no additional cost (telephone Publications Subscription Service toll free on 008 02 0608 Australia wide).

Sales and Inquiries

Regional Offices	Information Inquiries	Bookshop Sales
SYDNEY (02)	268 4611	268 4620
MELBOURNE (03)	615 7000	615 7829
BRISBANE (07)	222 6351	222 6350
PERTH (09)	360 5140	360 5307
ADELAIDE (08)	237 7100	237 7582
HOBART (002)	20 5800	20 5800
CANBERRA (06)	207 0326	207 0326
DARWIN (089)	43 2111	43 2111
National Office		
ACT (06)	252 6007	008 020 608

ABS Email Addresses

Keylink	STAT.INFO/ABS
X.400	(C:AU,A:TELMEMO,O:ABS,SN:INFO,FN:STAT)
Internet	STAT.INFO@ABS. TELEMEMO.AU



Information Services, ABS, PO Box 10, Belconnen ACT 2616



© Commonwealth of Australia 1994

Recommended retail price: \$7.00



283680005949
ISSN 1035-9133