



MINERALS AND MINERAL PRODUCTS, AUSTRALIA FEBRUARY 1981

PHONE INQUIRIES

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EXPLANATORY NOTES

As stated in the Prime Minister's Statement of 30 April 1981 on the Review of Commonwealth Functions, this publication is being discontinued. This is the final issue in the series.

Sources of data

- Table 1. Mine production statistics are collected by:
Bureau of Mineral Resources, Geology and Geophysics (BMR)
Department of National Development and Energy
State Mines Departments.

The annual statistics shown in this table have been obtained by adding together the published monthly or quarterly figures. In some cases there will be small discrepancies between these figures and those published in *Mineral Production, Australia* (8405.0). The figures in *Mineral Production* are derived from the annual mining census which is conducted by the Australian Bureau of Statistics (ABS) in collaboration with State Mines Departments. The census figures should be considered the more accurate.

- Table 2. Production of principal manufactured products of mineral origin:

Statistics of non-ferrous metal production, refined gold and refined silver are collected by the BMR. Other data in this table are collected by the ABS.

Seasonal adjustment

- This publication includes seasonally adjusted production statistics for black coal. Details of the methods used in seasonally adjusting this and other series are given in *Seasonally Adjusted Indicators, Australia* (1308.0).

Related publications

- The following is a list of publications containing other mining and related statistics for Australia, published by the ABS, the BMR or by the ABS in conjunction with the BMR. Information regarding the availability of BMR publications may be obtained from the Statistical Officer on Canberra (062) 49 9556. Users are also referred

to the annual reports of the State Mines Departments, which contain mineral statistics.

Commodity statistics

Monthly

Exports of Major Commodities and their Principal Markets, Australia (5403.0)

Exports, Australia (5404.0)

Imports, Australia (5406.0)

Export Price Index, Australia (6405.0)

Price Index of Metallic Materials, Australia (6410.0)

Monthly Bulletin of Metal and Mineral Prices (BMR)

Production Bulletins Nos 1-8, Australia (8357.0 to 8364.0)

Quarterly

Australian Mineral Industry Quarterly (8403.0) (BMR)

Quarterly Bulletin of Mineral Sands Statistics (BMR)

Quarterly Bulletin of Copper, Lead and Zinc Statistics (BMR)

Quarterly Bulletin of Tin Statistics (BMR)

Annual

Mineral Production, Australia, 1978-79 (8405.0)

Manufacturing Commodities: Selected Principal Articles Produced, Australia, 1978-79 (Preliminary) (8365.0)

Manufacturing Commodities: Principal Articles Produced, Australia, 1977-78 and 1978-79 (8303.0)

Overseas Trade, Australia, Part 1: Exports and Imports, 1977-78 (5409.0)

Overseas Trade, Australia (Preliminary), 1978-79, Part 1: Exports (5407.0)

Overseas Trade, Australia (Preliminary), 1978-79, Part 2: Imports (5408.0).

Industry and related statistics

Quarterly

Mineral Exploration, Australia (8412.0). This publication replaces *Mineral Exploration (Other than for Petroleum)* by *Principal Enterprises, Australia* (8408.0) and *Petroleum Exploration, Australia* (8409.0)

Annual

Census of Mining Establishments: Summary of Operations (Preliminary) by Industry Class, Australia, 1979-80 (8401.0)

Census of Mining Establishments: Details of Operations by Industry Class, Australia, 1978-79 (8402.0)

Census of Manufacturing Establishments: Details of Operations by Industry Class, Australia, 1978-79 (8203.0)

Census of Manufacturing Establishments: Summary of Operations by Industry Class, Australia, 1978-79 (8202.0)

Australian Mineral Industry Annual Review (BMR)

Irregular

Census of Mining Establishments: Selected Items of Data Classified by Employment Size and Industry Class, Australia, 1977-78 (8410.0)

Census of Mining Establishments: Industry Concentration Statistics, Australia, 1977-78 (8411.0).

6. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0) which is available free of charge from any ABS office.

Symbols and other usages

- n.y.a. not yet available
- r figure or series revised since previous issue
- .. not applicable
- nil or rounded to zero.

7. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

R. J. CAMERON
Australian Statistician

TABLE 1. MINE PRODUCTION OF PRINCIPAL MINERALS

Period	Gold (a)	Silver(a)	Bauxite	Iron ore(b)	Manganese ore	Nickel(a)	Mineral sands concentrates			
							Tungsten (W03)	Ilmenite(c)	Rutile	Zircon
	kg	kg	'000 tonnes	'000 tonnes	'000 tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
1977-78	21,323	775,779	24,826	90,261	1,353	87,144	3,081	1,153,407	279,372	373,926
1978-79	19,353	838,722	25,649	84,181	1,574	79,081	3,576	1,209,918	275,078	467,033
1979-80	18,074	787,372	28,039	96,984	2,143	r61,996	4,188	1,222,279	286,953	445,657
1979-80—										
September qtr	4,490	193,382	7,064	24,667	287	r16,685	1,041	297,563	74,512	111,386
December qtr	4,547	193,976	7,435	26,550	578	r15,266	1,046	284,631	65,174	105,243
March qtr	4,666	182,592	6,579	21,579	687	r14,339	837	289,205	69,358	109,052
June qtr	4,371	217,422	6,961	24,188	591	r15,706	1,264	350,880	77,909	119,976
1980-81—										
September qtr	3,949	201,810	6,575	25,707	369	18,960	1,064	307,789	70,470	110,799
December qtr	n.y.a.	174,131	7,064	24,060	315	17,116	987	291,996	76,005	120,515

TABLE 1. MINE PRODUCTION OF PRINCIPAL MINERALS—continued

Period	Copper(a)	Lead(a)	Zinc(a)	Tin(a)	Under- ground	Black coal			Petroleum	
						Total	Seasonally adjusted	Brown coal	Crude oil	Natural gas
	tonnes	tonnes	tonnes	tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 tonnes	'000 cu. m	million cu. m
1977-78	221,077	414,991	482,469	11,364	42,242	78,919	..	30,504	25,323	r7,016
1978-79	231,612	418,668	483,370	11,727	42,184	81,668	..	32,100	r24,847	7,767
1979-80	228,030	407,659	507,116	11,367	39,303	81,270	..	32,896	23,667	9,008
July-February—										
1979-80	147,601	263,787	340,201	7,609	27,019	54,367	..	21,474	16,827	5,781
1980-81	145,035	237,702	315,350	6,903	30,150	60,847	..	21,322	15,556	6,581
1979-80—										
January	16,654	21,895	23,405	866	2,553	5,854	7,633	2,057	2,202	615
February	16,074	33,222	40,137	809	2,715	5,647	5,186	2,261	1,615	651
March	14,628	35,620	42,835	858	3,374	7,202	7,105	2,816	1,777	712
April	22,415	36,410	44,188	1,026	2,128	5,311	6,107	2,911	2,001	716
May	21,050	36,638	40,178	1,008	2,776	6,216	5,343	3,179	1,583	856
June	22,336	35,204	39,714	866	4,006	8,174	7,786	2,517	1,478	944
1980-81—										
July	19,337	31,727	47,584	922	4,075	6,637	6,321	3,260	2,148	992
August	22,761	32,548	42,473	950	3,256	5,004	5,802	3,157	1,984	936
September	23,220	32,109	43,056	601	3,981	8,611	7,782	2,655	1,851	r865
October	18,972	30,875	39,013	846	4,568	10,127	8,605	2,742	2,124	801
November	16,219	33,087	42,336	917	4,129	8,818	8,136	2,814	1,267	774
December	15,854	31,024	41,450	738	3,097	6,649	8,077	2,527	2,210	707
January	14,670	22,515	28,766	816	2,863	r6,249	r8,664	2,006	2,248	757
February	14,002	23,817	30,672	913	4,182	8,751	8,437	2,160	1,724	748

(a) Quantities shown are metallic contents of mine products based on chemical assay. (b) Includes iron concentrates and iron ore for pelletising. (c) Includes ilmenite for beneficiating.

TABLE 2. PRODUCTION OF PRINCIPAL MANUFACTURED PRODUCTS OF MINERAL ORIGIN(a)

Period	Alumina	Refined aluminium	Blister copper (b)(c)	Refined copper	Lead bullion (b)(d)	Refined lead(e)	Refined zinc
	'000 tonnes	tonnes	tonnes	tonnes	tonnes	tonnes	tonnes
1977-78	6,741	259,592	167,947	155,353	155,641	207,939	262,615
1978-79	7,118	264,798	170,458	137,863	162,185	217,992	308,622
1979-80	7,484	283,006	163,608	137,050	167,744	204,287	299,606
July-February—							
1979-80	5,000	185,655	104,597	94,568	109,162	136,718	203,426
1980-81	4,768	217,594	108,957	103,244	96,863	133,408	204,472
1979-80—							
January	625	24,294	11,790	11,101	13,326	16,348	23,599
February	571	22,970	13,328	12,528	11,747	14,734	24,024
March	641	24,274	14,080	9,055	14,030	17,937	24,005
April	607	24,118	14,405	10,165	13,473	15,001	24,400
May	607	24,778	15,380	13,603	15,658	17,534	26,613
June	629	24,181	15,146	9,659	15,421	17,097	21,162
1980-81—							
July	484	24,629	14,993	11,621	13,708	18,171	28,867
August	560	24,690	15,020	11,981	14,294	18,547	26,513
September	607	23,626	13,733	13,038	12,354	14,795	26,669
October	636	27,212	15,056	13,673	13,234	18,064	25,838
November	655	28,867	14,768	14,092	12,008	14,386	23,087
December	625	29,855	13,654	14,312	10,921	17,837	26,217
January	620	30,353	11,602	13,222	11,022	15,540	23,677
February	581	28,562	10,116	11,305	9,322	16,068	23,604

TABLE 2. PRODUCTION OF PRINCIPAL MANUFACTURED PRODUCTS OF MINERAL ORIGIN(a)—continued

Period	Refined tin	Brown coal briquettes	Refined gold				Refined silver
			Australian origin		Overseas origin		
			Newly won	From scrap	Newly won	From scrap	
	'000 tonnes	tonnes	kg	kg	kg	kg	kg
1977-78	5,993	1,064	17,869	2,504	1,706	28	259,217
1978-79	4,857	1,131	15,563	3,611	1,392	21	302,032
1979-80	5,249	1,230	15,038	4,152	1,484	35	293,966
July-February—							
1979-80	3,467	777	10,087	3,129	1,118	28	190,101
1980-81	3,255	750	8,471	2,418	642	259	198,759
1979-80—							
January	204	57	1,127	462	121	1	19,698
February	353	86	1,212	121	108	—	25,903
March	428	113	1,469	280	121	1	26,459
April	278	120	909	202	69	—	25,980
May	439	124	1,274	304	89	—	27,844
June	637	96	1,299	237	87	6	23,582
1980-81—							
July	r342	107	920	307	78	4	23,785
August	r415	108	1,322	202	85	3	23,363
September	r363	100	990	381	118	20	27,032
October	r227	115	1,106	285	33	10	33,023
November	r401	119	999	352	21	10	23,460
December	r732	84	1,101	445	103	28	23,481
January	276	62	1,117	195	96	—	17,631
February	499	54	916	251	108	184	26,984

(a) Except for refined gold from scrap, excludes secondary metal. (b) Metallic content. (c) Includes copper anodes. (d) Lead bullion for export. (e) Includes lead content of lead alloys from primary sources.