

Reference No. 10.19

MINERALS AND MINERAL PRODUCTS, AUSTRALIA AUGUST 1972

CONTENTS

Section	Explanatory notes	Page
1.	Introduction	2
2.	Sources of data	2
3.	Revision of data	2
4.	Commodity groupings	3
5.	Seasonal adjustment	3
6.	Rounding	3
7.	Symbols used	3

Production

Table

1.	Mine production of principal minerals, Australia	4
2.	Production of principal manufactured products of mineral origin, Australia	5

Overseas trade

3.	Exports of selected minerals and mineral products, Australia	7
4.	Principal metallic contents of selected ores and concentrates exported, Australia	8
5.	Imports of selected minerals and mineral products, Australia	8
6.	Exports of selected minerals and metals by country of consignment, Australia	9

Prices

7.	Average daily prices of selected metals, Australian and overseas markets	11
8.	Prices of selected ores and concentrates, Australian and overseas markets	12
9.	Export price index, Australia	12

Government payments

10.	Commonwealth Government payments to the mineral industry and to the manufacturing industry for products of mineral origin, Australia	13
-----	--	----

Changes in stocks of gold

11.	Changes in stocks of gold bullion held in Australia	13
-----	---	----

Appendices

A.	Australian Export Commodity Classification (Tables 3, 4 and 6)	14
B.	Australian Import Commodity Classification (Table 5)	15
C.	Prices of selected metals and minerals (Tables 7 and 8)	16
D.	Export Price Index (Table 9)	17

EXPLANATORY NOTES

1. **Introduction.** This bulletin contains statistics relating to the principal minerals and mineral products produced in Australia, overseas trade in selected minerals and mineral products, relevant prices, and data on Commonwealth Government payments to sectors of the mineral and manufacturing industries.

More detailed statistics on various aspects of the mineral industry are contained in Part II - Quarterly Statistics of *The Australian Mineral Industry Quarterly Review*, which is published in conjunction with the Bureau of Mineral Resources.

2. **Sources of data.** Statistics contained in this bulletin are derived from a variety of sources. The more important of these sources, and some additional comments, are set out below.

Table 1. Mine production

Current statistics in these tables are derived mainly from collections carried out by the Bureau of Mineral Resources, The Department of National Development and the various State Mines Departments. Preliminary annual statistics are derived from the same sources, but final annual statistics are derived from the Annual Mining Census which is conducted by this Bureau in collaboration with the State Mines Departments.

Table 2. Production of principal manufactured products of mineral origin

Statistics of non-ferrous metal production and refined silver are collected by the Bureau of Mineral Resources. Data on refined gold production are provided by the Reserve Bank. Other data in this table, relating to fuels, building materials and chemicals, are derived from returns collected by the Deputy Commonwealth Statisticians in the States, except the data relating to superphosphate which are collected by the Department of Primary Industry, and petroleum products which are collected by the Department of National Development.

Tables 3, 4, 5 and 6. Overseas trade

These statistics are extracted from this Bureau's compilations of overseas trade statistics, which are derived from documents obtained under the Customs Act by the Department of Customs and Excise.

Tables 7 and 8. Prices

Price data are mainly derived from information collected and compiled by the Bureau of Mineral Resources. For further information, see Appendix C.

Table 9. Export price index

Data in this table are derived from this Bureau's compilation of price indexes. For further information, see Appendix D.

Table 10. Commonwealth Government payments

Data in this table are provided by the various Departments responsible for the administration of the specified Acts. Further details of Commonwealth Government assistance to the mineral industry are given on pages 902-7 of *Official Year Book No. 57, 1971*.

Table 11. Changes in stocks of gold

Statistics of refinery production, imports and exports of gold bullion in this table are identical with corresponding figures in preceding tables, and have the same sources. Net industrial consumption data are supplied by the Reserve Bank.

3. **Revision of data.** Statistics for current months are preliminary and subject to revision. Revision of data, based on figures derived from established quarterly compilation of mineral statistics, the annual Mining Census and various special purpose collections will be incorporated in this bulletin as soon as possible after the revised information becomes available.

4. **Commodity groupings.** For the convenience of users of this bulletin, commodities in Tables 1 to 6 are grouped according to conventions generally accepted in the mineral industry.

5. **Seasonal adjustment.** This bulletin includes seasonally adjusted production statistics for black coal, ingot steel, Portland cement and sulphuric acid. In all adjustments account has been taken of normal seasonal factors and 'trading day' effects (arising from the varying numbers of Sundays, Mondays, Tuesdays, etc. in the month). In the adjustment of black coal production, account has also been taken of the influence of Easter, Australia Day and varying patterns of annual leave which may, in successive years, affect figures differently for different months. Details of the methods used in seasonally adjusting these and other series are given in *Seasonally Adjusted Indicators*, 1972 (Reference No. 1.10) issued on 6 July 1972.

6. **Rounding.** Any discrepancies between totals and sums of components in tables are due to rounding.

7. **Symbols used.** For convenience the following symbols are used in this bulletin :

r figure or series revised since previous issue.

.. nil or less than half the final digit shown, or not applicable.

n.a. not available.

— break in continuity of series (where drawn across a column between two consecutive figures).

A blank space in a column of figures means that the figure concerned is not yet available.

TABLE 1. - MINE PRODUCTION OF PRINCIPAL MINERALS, AUSTRALIA

Metallic minerals										
Period	Non-ferrous					Ferrous and alloy (a)				
	Copper (b)	Lead (b)	Zinc (b)	Tin (b)	Nickel concentrate (a)	Bauxite (a)	Iron ore and concentrate	Manganese ore	Tungsten concentrates	Precious (b)
										Gold (c)
	tons	tons	tons	tons	tons	'000 tons	'000 tons	'000 tons	tons	£ oz
1969-70	139,955	452,102	488,176	8,695	157,555	8,163	44,507	780	2,426	662,649
1970-71	170,234	409,855	437,130	8,782	299,244	10,869	56,208	774	2,326	614,275
1971-72	175,427	415,210	489,767	10,862	279,252	13,632	61,659	1,133	2,624	751,907
July to Aug. -										
1971-72	24,961	74,226	81,857	(d)	46,163	(d)	(d)	(d)	(d)	118,922
1972-73	32,493	70,580	95,276	2,199	41,537	(d)	(d)	(d)	(d)	141,220
1971-72 -										
July	13,016	36,029	39,514	2,548	{ 22,628 23,535 23,006 }	3,494	16,626	318	648	{ 59,763 59,159 59,363 }
August	11,945	38,197	42,343							
September	12,105	35,804	41,405							
October	16,135	36,226	42,913	2,796	{ 28,555 29,441 30,273 }	3,298	16,075	246	651	{ 54,158 60,454 61,905 }
November	14,976	38,513	45,483							
December	15,933	29,817	36,037							
January	14,352	25,280	31,612	2,693	{ 24,722 17,143 21,140 }	3,651	13,602	250	689	{ 88,058 65,182 53,692 }
February	13,350	32,811	38,026							
March	15,022	34,370	42,087							
April	15,953	32,348	38,336	2,825	{ 19,184 21,072 18,553 }	3,189	15,356	319	636	{ 62,867 60,268 67,038 }
May	15,923	38,830	46,533							
June	16,717	36,985	45,478							
1972-73 -										
July	16,409	33,380	42,042	1,084	18,253					68,771
August	16,084	37,200	53,234	1,115	23,284					72,449

Metallic minerals - continued					Fuel minerals						
Period	Precious (b) - continued	Mineral sands concentrates (a)			Black coal			Petroleum (e)			
		Silver	Ilmenite (f)	Rutile	Zircon	Under-ground	Total	Seasonally adjusted (g)	Brown coal	Crude oil (h)	Natural gas
	'000 £ oz	tons	tons	tons	'000 tons	'000 tons	'000 tons	'000 tons	'000 bls	mil. cu ft	
1969-70	27,497	776,883	366,157	370,758	35,704	47,759	..	23,927	30,643	25,254	
1970-71	23,269	872,753	368,849	411,373	36,551	48,935	..	22,814	93,946	69,275	
1971-72	23,302	717,316	341,750	375,391	35,788	52,886	..	23,568	119,766	92,801	
July to Aug. -											
1971-72	3,713	133,368	57,138	64,442	5,075	7,074	..	4,336	20,742	15,664	
1972-73	3,948	122,800	52,599	59,515	6,663	10,012	..	4,338	14,726	22,117	
1971-72 -											
July	1,946	66,508	25,644	29,551	2,650	3,676	3,162	2,153	10,420	7,728	
August	1,767	66,860	31,494	34,891	2,425	3,398	3,421	2,184	10,322	7,936	
September	1,796	60,768	31,100	34,915	2,268	3,488	3,355	1,946	9,937	7,008	
October	2,089	57,090	30,910	31,762	3,487	5,035	4,792	1,878	10,129	6,586	
November	2,074	61,744	29,809	29,701	3,591	5,134	4,435	1,815	10,508	6,132	
December	1,797	57,795	29,737	33,340	2,900	3,870	4,450	1,927	10,894	7,378	
January	1,747	57,650	23,960	25,842	1,668	2,697	4,588	1,785	10,965	6,831	
February	1,943	52,136	24,012	26,029	3,411	5,013	4,741	1,266	9,842	6,353	
March	1,965	54,965	31,471	36,234	3,638	5,450	5,046	2,018	9,813	7,677	
April	1,868	58,684	23,230	25,487	2,315	3,766	4,816	2,017	10,813	8,477	
May	2,179	61,954	31,965	34,710	3,862	5,850	5,297	2,295	10,433	9,972	
June	2,131	61,162	28,418	32,929	3,572	5,509	4,826	2,285	5,689	10,723	
1972-73 -											
July	1,917	60,250	26,404	28,814	3,536	5,240	4,716	2,252	3,428	11,251	
August	2,031	62,550	26,195	30,701	3,128	4,773	4,746	2,086	11,298	10,866	

(a) Quantities shown are gross output. (b) Quantities shown are metallic contents of mine products based on chemical assay. (c) Western Australia gold production figures (in respect of major producers) normally relate to a four-week period ending in the calendar month indicated. However, two such periods ended in the calendar month January 1972. (d) Available on a quarterly basis only. (e) Source: Department of National Development. (f) Includes ilmenite for beneficiating. (g) See Explanatory Notes, paragraph 5, page 3. (h) 1 barrel = 35 imperial gallons approximately.

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

Period	Metals										
	Non-ferrous								Ferrous		
	Alumina	Refined aluminium	Blister copper (b)	Refined copper	Lead bullion (b) (c)	Refined lead	Refined zinc	Refined tin	Iron ore pellets (d)	Pig iron (e)	
	'000 tons	tons	tons	tons	tons	tons	tons	tons	'000 tons	'000 tonnes	
1969-70	1,995	165,709	108,852	103,680	169,007	185,366	257,674	4,637	5,712	(f)5,983	
1970-71	2,348	214,762	128,325	113,627	175,934	152,490	249,753	5,848	6,613	(f)6,240	
1971-72	12,749	209,072	142,369	128,880	137,992	187,623	269,747	6,290	5,919	(f)6,072	
July to Aug. -											
1971-72	456	38,489	25,503	21,483	23,678	36,891	45,780	839	1,198	1,080	
1972-73	501	34,665	27,144	24,735	21,913	29,864	50,696	768	1,120	1,095	
1971-72 -											
July	231	19,167	12,867	9,402	12,874	20,296	23,418	123	612	536	
August	225	19,322	12,636	12,081	10,804	16,595	22,362	716	586	544	
September	243	17,806	11,853	9,819	9,926	17,301	21,149	724	486	536	
October	247	18,014	12,054	12,532	12,174	14,529	22,451	385	525	549	
November	232	17,316	12,034	10,229	10,697	14,114	21,875	623	605	509	
December	238	17,883	11,501	7,156	10,835	12,593	21,471	459	438	466	
January	236	17,448	11,387	12,589	10,707	15,481	21,242	640	489	472	
February	193	15,859	10,311	10,035	10,007	14,818	21,711	511	352	444	
March	217	16,589	11,428	11,859	13,092	15,048	24,145	401	399	498	
April	205	16,160	10,537	9,555	12,678	13,870	22,959	541	438	478	
May	246	16,767	13,529	12,265	12,524	16,636	25,078	460	523	532	
June	236	16,741	12,232	11,358	11,674	16,342	21,886	707	467	497	
1972-73 -											
July	252	17,299	13,601	11,438	10,924	14,612	26,226	324	569	542	
August	249	17,366	13,543	12,797	10,989	15,252	24,470	444	551	553	
Metals - continued											
Period	Precious										
	Refined gold										
	Ferrous - continued										
	Steel ingots (e)				Australian origin				Overseas origin		
Period	Original	Seasonally adjusted (g)	Blooms and slabs	Tinplate	Newly won		From scrap	Newly won	From scrap	Refined silver	
	'000 tonnes	'000 tonnes	'000 tonnes	tonnes	f oz	'\$000	f oz	f oz	f oz	'000 f oz	
1969-70	(f)6,874	..	(f)5,894	(f)282,586	527,297	17,257	18,461	126,238	919	10,581	
1970-71	(f)6,800	..	(f)5,765	(f)309,004	463,803	15,706	20,474	112,465	1,369	8,319	
1971-72	(f)6,585	..	(f)5,551	(f)317,251	527,092	122,171	21,287	113,722	1,704	8,726	
July to Aug. -											
1971-72	1,202	..	1,024	53,363	81,267	3,114	4,175	20,902	..	1,566	
1972-73	1,180	..	1,043	32,428	99,667	5,290	4,063	19,799	362	1,583	
1971-72 -											
July	616	587	533	26,819	37,556	1,542	1,925	12,399	..	711	
August	586	571	492	26,544	43,711	1,572	2,250	8,503	..	855	
September	575	578	490	27,561	44,799	1,715	1,121	8,207	208	711	
October	600	580	509	28,794	51,036	1,839	1,406	11,366	201	732	
November	568	559	482	27,605	43,668	1,531	2,131	8,725	35	764	
December	516	487	411	26,905	44,106	1,756	1,320	8,069	60	690	
January	493	504	426	27,512	40,655	1,744	1,375	11,043	348	603	
February	497	557	433	26,036	43,668	1,882	807	6,168	..	650	
March	530	512	358	28,424	42,526	1,572	2,189	8,603	..	722	
April	492	526	434	24,529	48,969	1,219	1,643	10,051	354	698	
May	543	528	503	19,571	46,417	1,602	1,750	8,289	..	848	
June	491	490	440	16,267	39,981	1,329	3,370	12,299	498	742	
1972-73 -											
July	555	539	513	15,269	53,401	1,671	2,021	9,536	..	952	
August	626	612	529	17,159	46,266	2,620	2,042	10,263	362	631	

(a) Except for pig iron, steel ingots and refined gold from scrap, excludes secondary metal. (b) Metallic content. (c) Lead bullion for export. (d) Gross wet weight. (e) Includes recovery from scrap. (f) Year ended May. (g) See Explanatory Notes, paragraph 5, page 3. (h) Based on the price fixed by the Reserve Bank. Includes allowance for premiums on sales of gold overseas and for industrial purposes in Australia. Excludes subsidy.

TABLE 2. - PRODUCTION OF PRINCIPAL MANUFACTURED PRODUCTS OF MINERAL ORIGIN, AUSTRALIA - continued

Period	Fuels					
	Petroleum products (a)				Coal products	
	Motor spirit	Automotive distillate	Furnace fuel	Industrial diesel fuel	Metallurgical coke	Brown coal briquettes
	mil. gal	'000 tons	'000 tons	'000 tons	'000 tons	'000 tons
1969-70	2,110	2,852	5,987	1,080	3,994	1,539
1970-71	2,230	3,127	5,700	1,102	4,470	1,376
1971-72	2,334	3,372	4,935	1,095	4,123	1,308
July to Aug. -						
1971-72	408	555	926	219	713	292
1972-73	290	417	642	145	829	252
1971-72 -						
July	196	272	426	110	358	149
August	212	283	501	109	356	142
September	189	245	507	126	338	123
October	184	279	463	94	370	99
November	177	278	430	111	344	115
December	215	324	325	105	332	94
January	202	311	441	65	317	79
February	186	275	322	59	310	46
March	194	265	393	69	337	108
April	207	312	380	82	327	100
May	206	313	403	100	360	126
June	165	215	346	65	373	127
1972-73 -						
July	101	126	218	60	405	126
August	189	291	424	85	424	126

Period	Building materials and chemicals					
	Building materials			Chemicals		
	Portland cement	Asbestos cement sheets non-acoustic		Sulphuric acid		Superphosphate (c)
	Original	Seasonally adjusted (b)	'000 sq yds	Original	Seasonally adjusted (b)	'000 tons
1969-70	4,439	"	42,120	1,748	"	3,598
1970-71	4,611	"	40,240	1,586	"	3,066
1971-72	4,728	"	44,353	1,722	"	
July to Aug. -						
1971-72	784	"	7,738	213	"	388
1972-73	861	"	8,105	269	"	
1971-72 -						
July	416	386	3,519	72	104	122
August	368	348	4,219	142	156	266
September	395	381	4,086	147	132	263
October	436	400	3,275	153	145	306
November	430	397	3,782	145	141	294
December	367	419	4,697	132	124	250
January	288	369	1,886	134	127	272
February	343	354	4,147	131	121	243
March	423	407	4,062	128	117	380
April	411	436	2,908	182	170	
May	428	397	4,278	182	176	
June	422	428	3,494	175	216	
1972-73 -						
July	427	397	3,997	123	182	
August	435	409	4,108	145	156	

(a) Produced by Australian refineries from imported and indigenous petroleum. Source : Department of National Development. (b) See Explanatory Notes, paragraph 5, page 3. (c) Includes double and triple superphosphate and ammonium phosphate, expressed in terms of single superphosphate, i.e. 22% P₂O₅ equivalent.

TABLE 3. - EXPORTS OF SELECTED MINERALS AND MINERAL PRODUCTS, AUSTRALIA (a)

Commodity (b)	Quantity					Value (\$'000)					
	July-Aug.					July-Aug.					
	1970-71	1971-72	1971-72	1972-73	Aug. 1972	1970-71	1971-72	1971-72	1972-73	Aug. 1972	
METALLIC MINERALS AND METALS (c)											
Non-ferrous -											
Copper -											
Concentrate	tons	138,003	139,165	27,970	23,598	22,958	32,031	26,825	5,409	4,515	4,397
Blister	"	6,862	5,775	1,684	"	"	8,992	6,643	200	"	"
Refined	"	35,445	55,132	8,005	10,260	7,161	35,521	50,922	7,711	9,044	6,249
Matte, slags, etc.	"	8,239	5,076	700	2,301	501	3,332	1,581	250	632	113
Lead -											
Concentrate	tons	81,784	92,060	19,647	9,934	9,934	16,290	15,961	3,621	1,542	1,542
Bullion	"	176,971	135,688	23,092	18,201	12,057	56,455	38,279	6,957	5,605	3,042
Refined	"	121,210	128,286	22,459	30,004	8,147	29,023	28,230	5,099	7,567	2,178
Slags and residues	"	2,987	2,273	318	2,212	1,942	586	422	71	184	118
Zinc -											
Concentrate	tons	381,217	367,709	99,987	52,018	51,998	25,739	27,131	7,154	3,821	3,816
Refined	"	134,506	196,121	42,183	34,040	16,069	35,671	52,548	7,728	9,989	4,442
Slags and residues	"	5,761	5,561	786	294	210	513	381	71	59	40
Tin											
Concentrate	tons	6,243	9,112	940	1,444	728	7,636	11,704	1,113	1,846	708
Refined	"	1,427	2,122	414	270	184	4,535	6,573	1,290	855	581
Aluminium (d) -											
Alumina	'000 tons	1,778	2,584	(e)	(e)	(e)	95,125	132,042	(e)	(e)	(e)
Refined	tons	78,403	94,792	17,491	14,913	7,632	35,962	38,886	7,619	5,753	2,842
Ferrous and alloy -											
Iron ore											
Pellets	'000 tons	5,539	5,334	1,006	1,047	852	62,802	58,274	11,135	11,025	8,998
Fines	"	13,265	17,894	2,831	3,004	1,843	81,101	106,493	17,466	17,903	10,944
Lump	"	28,753	26,208	5,134	4,508	2,815	231,485	210,733	42,696	35,638	22,033
Tungsten -											
Scheelite concentrate	tons	1,205	1,750	115	255	255	3,607	4,762	344	522	522
Wolfram concentrate	"	986	858	156	191	90	4,100	2,300	465	445	208
Pig iron	tons	383,567	519,519	75,894	81,653	31,169	21,587	23,581	3,516	3,378	1,144
Steel ingots, blooms	"	115,359	291,670	31,185	108,652	62,260	9,596	18,973	2,274	7,326	4,302
Mineral sands -											
Ilmenite concentrate (f)	tons	630,935	518,981	124,167	56,697	21,525	6,471	5,523	1,319	658	254
Rutile concentrate	"	374,906	309,799	45,755	24,504	6,233	36,399	36,474	5,197	2,987	824
Zircon concentrate	"	357,424	357,764	71,139	50,257	26,193	13,200	13,013	2,486	1,961	1,039
Precious -											
Gold, refined	f oz	72,354	119,519	9,676	39,888	39,888	2,305	4,573	367	2,191	2,191
Silver, refined	'000 f oz	7,959	6,801	1,432	922	483	12,237	9,033	2,036	2,092	715
FUEL MINERALS											
Coal, black	'000 tons	18,697	21,410	3,182	3,359	2,069	193,725	237,150	34,461	40,227	24,947
Petroleum, crude (g)	mil. gal	53	240	51	3	3	2,760	14,207	3,106	221	221

(a) In addition to the commodities listed, significant quantities of nickel ores and concentrates are also exported, but details are not available for publication. (b) The Australian Export Commodity Classification for each commodity in this table is shown in Appendix A. (c) Quantities shown for metallic minerals are gross quantities, not metallic contents. Principal metallic contents of selected ores and concentrates exported are shown in Table 4. (d) In addition to alumina and refined aluminium, significant quantities of bauxite are exported, but details are not available for publication. (e) Available on an annual basis only. (f) Includes beneficiated ilmenite. (g) Includes also topped and enriched crudes.

TABLE 4. — PRINCIPAL METALLIC CONTENTS OF SELECTED ORES AND CONCENTRATES ETC. EXPORTED, AUSTRALIA (a)

Metallic contents — estimated from assay

Particulars	Copper	Lead	Zinc	Tin	Iron	Tungstic oxide (b)	Gold	Silver
	tons	tons	tons	tons	'000 tons	units	f oz.	'000 f oz.
1969-70	25,364	253,933	231,201	3,871	21,349	164,938	126,960	15,907
1970-71	44,328	238,580	207,538	2,816	30,704	151,351	218,820	12,117
1971-72	42,602	195,175	205,115	4,531	31,613	180,647	100,688	10,721
July to August —								
1971-72	8,926	37,044	54,100	487	5,733	19,181	21,671	2,294
1972-73	7,175	25,380	28,944	691	5,490	31,460	5,299	1,759
August 1972 —								
Copper concentrate	5,869	..	..	..	..	..	5,299	42
Copper matte, slags, etc.	59	329	..	..	..	..	..	16
Lead concentrate	316	5,242	1,460	..	..	..	..	370
Lead bullion	..	11,984	..	..	..	..	..	882
Lead slags and residues	..	516	138	21	..	..	..	..
Zinc concentrate	..	326	27,037	..	..	..	..	13
Zinc slags and residues	..	..	102	..	..	..	..	..
Tin concentrate	..	..	..	262	..	..	..	..
Iron ore — Pellets	..	..	..	..	555	..	..	..
Fines	..	..	..	..	1,148	..	..	..
Lump	..	..	..	..	1,825	..	..	..
Scheelite concentrate	..	..	..	..	..	17,340	..	..
Wolfram concentrate	..	..	..	..	..	6,640	..	..
Total August 1972	6,244	18,397	28,737	283	3,528	23,980	5,299	1,324

(a) The Australian Export Commodity Classification for each commodity in this table is shown in Appendix A. (b) 1 unit = 22.4 lb.

TABLE 5. — IMPORTS OF SELECTED MINERALS AND MINERAL PRODUCTS, AUSTRALIA

Commodity (a)	Quantity					Value (\$'000)				
	July to Aug.					July to Aug.				
	1970-71	1971-72	1971-72	1972-73	Aug. 1972	1970-71	1971-72	1971-72	1972-73	Aug. 1972
METALS										
Tin refined	tons	117	102	10	20	376	325	32	65	33
Nickel (pigs, anodes, etc.)	"	2,104	1,221	448	84	8,781	3,178	1,195	214	214
Ferro-alloys	"	37,243	27,500	5,849	2,111	524	11,660	8,234	1,732	143
Gold —										
Unrefined bullion (b)	f oz	103,254	102,936	12,790	17,777	7,692	3,416	3,794	452	899
Refined	"	8,167	533	32	2,049	1,958	232	27	1	77
FUEL MINERALS										
Petroleum, crude (c)	mil. gals	3,011	2,411	466	314	177	121,325	115,101	22,566	15,250
NON-METALLIC MINERALS										
Asbestos	short tons	79,015	67,974	10,543	14,402	5,777	10,705	9,852	1,550	2,357
Diamonds —										
Industrial	metric carat	744,802	567,075	117,588	85,619	48,553	3,106	2,360	564	440
Gemstone	metric carat	49,847	44,016	7,287	8,972	4,041	6,573	6,331	1,060	1,324
Phosphate rock	'000 tons	2,074	1,616	415	654	193	22,174	18,157	4,674	4,252
Potassium fertilisers	tons	150,847	143,607	21,822	11,106	8,902	4,793	4,118	561	319
Sulphur	tons	269,024	272,374	7,930	45,754	39,226	4,906	4,637	155	626

(a) The Australian Import Commodity Classification for each commodity in this table is shown in Appendix B. (b) Gold content. (c) Includes also topped and enriched crudes and refinery feedstock.

TABLE 6. - EXPORTS OF SELECTED MINERALS AND METALS BY COUNTRY OF CONSIGNMENT, AUSTRALIA (a) (b)

Country	Quantity					Value (\$'000)				
	1970-71	1971-72	July-Aug.		Aug. 1972	1970-71	1971-72	July-Aug.		Aug. 1972
			1971-72	1972-73				1971-72	1972-73	
REFINED COPPER										
	tons	tons	tons	tons	tons					
France	6,444	15,182	3,251	1,872	1,872	6,595	14,004	3,130	1,618	1,618
Germany, Fed. Rep.	12,036	14,869	1,867	3,686	1,867	11,944	13,731	1,827	3,234	1,596
United Kingdom	7,625	14,081	1,527	3,692	2,463	7,595	12,930	1,494	3,291	2,183
Japan	5,395	6,494	..	489	489	5,373	6,028	..	425	425
Other countries	3,945	4,506	1,360	521	470	4,013	4,229	1,261	475	426
Total	35,445	55,132	8,005	10,260	7,161	35,521	50,922	7,711	9,044	6,249
LEAD BULLION										
	tons	tons	tons	tons	tons					
United Kingdom	142,885	111,038	19,033	15,751	12,057	47,499	32,450	5,966	5,050	3,842
Germany, Fed. Rep.	6,878	12,091	2,799	..	..	1,898	2,912	674	..	..
Netherlands	27,208	12,507	1,250	2,450	..	7,058	2,885	308	555	..
Other countries	..	52	10	..	..	..	32	9	..	..
Total	176,971	135,688	23,092	18,201	12,057	56,455	38,279	6,957	5,605	3,842
REFINED LEAD										
	tons	tons	tons	tons	tons					
United Kingdom	47,466	45,808	6,983	12,607	4,504	11,099	9,599	1,523	3,233	1,225
United States of America	38,797	39,188	8,014	9,458	..	9,098	8,466	1,776	2,278	..
India	16,120	13,688	1,650	2,290	1,494	3,948	3,200	379	588	385
Other countries	18,827	29,602	5,812	5,549	2,149	4,878	6,965	1,422	1,468	569
Total	121,210	128,286	22,459	30,004	8,147	29,023	28,230	5,099	7,567	2,178
ZINC CONCENTRATE										
	tons	tons	tons	tons	tons					
United Kingdom	175,376	109,533	38,358	..	..	11,750	7,339	2,570	..	..
Japan	120,722	79,621	17,047	19,863	19,863	8,689	6,297	1,491	1,594	1,594
Norway	33,058	39,463	3,534	..	..	2,032	3,361	277	..	..
Belgium	33,730	28,608	..	..	..	2,067	2,567	..	..	..
India	9,992	8,486	..	..	..	669	606	..	..	..
Other countries	8,339	101,998	41,048	32,155	32,135	531	6,960	2,816	2,227	2,222
Total	381,217	367,709	99,987	52,018	51,998	25,739	27,131	7,154	3,821	3,816

(a) The Australian Export Commodity Classification for each commodity in this table is shown in Appendix A. (b) Quantities shown for metallic minerals are gross quantities, not metallic contents. Principal metallic contents of selected ores and concentrates exported are shown in Table 4.

TABLE 6. — EXPORTS OF SELECTED MINERALS AND METALS BY COUNTRY OF CONSIGNMENT, AUSTRALIA (a) (b) — continued

Country	Quantity					Value (\$'000)				
			July-Aug		Aug.			July-Aug		Aug.
	1970-71	1971-72	1971-72	1972-73	1972	1970-71	1971-72	1971-72	1972-73	1972
REFINED ZINC										
	tons	tons	tons	tons	tons					
United Kingdom	15,328	45,294	7,855	6,024	3,575	3,841	10,869	1,703	1,878	1,107
United States of America	26,490	38,271	9,449	6,463	..	7,284	10,510	1,662	2,294	..
India	22,903	21,946	6,710	4,072	2,227	6,063	6,339	1,735	1,301	727
Thailand	9,398	16,536	2,420	1,833	1,504	2,517	4,948	639	582	480
New Zealand	15,492	15,187	1,774	6,868	3,486	4,080	4,535	531	1,074	435
China, People Rep. of	1,968	..	..	..	..	517	..	..	..	..
Other countries	42,927	58,887	13,975	8,780	5,277	11,368	15,347	1,459	2,861	1,692
Total	134,506	196,121	42,183	34,040	16,069	35,671	52,548	7,728	9,989	4,442
IRON ORE										
	'000 tons	'000 tons	'000 tons	'000 tons	'000 tons					
Japan	41,324	42,933	7,816	7,422	4,969	330,808	326,939	62,627	56,057	37,897
Germany, Fed. Rep.	1,404	1,644	238	195	73	10,294	11,267	1,409	1,680	521
United Kingdom	983	683	76	239	140	7,761	5,014	715	1,618	924
France	801	498	54	45	45	5,637	3,886	535	391	391
United States of America	780	724	184	104	50	5,378	6,418	1,580	793	434
Other countries	2,264	2,954	604	553	233	15,509	21,975	4,431	4,027	1,809
Total	47,557	49,436	8,971	8,559	5,510	375,388	375,500	71,297	64,566	41,975
MINERAL SANDS (c)										
	tons	tons	tons	tons	tons					
United States of America	310,885	237,721	60,377	17,571	749	21,861	18,776	3,176	1,470	34
Japan	368,707	226,609	43,540	53,872	21,319	9,293	8,478	1,440	2,285	972
United Kingdom	306,332	270,097	62,480	26,837	5,467	6,866	7,280	1,287	545	267
Netherlands	80,097	56,672	15,680	2,754	2,666	4,434	4,747	1,072	97	88
Other countries	297,244	395,445	58,984	30,424	23,750	13,617	15,728	2,026	1,210	756
Total	1,363,265	1,186,544	241,061	131,458	53,951	56,070	55,010	9,002	5,606	2,117
BLACK COAL										
	'000 tons	'000 tons	'000 tons	'000 tons	'000 tons					
Japan	15,915	17,908	2,667	3,250	2,005	165,116	198,497	29,259	38,883	24,062
Netherlands	945	1,286	219	69	25	9,014	13,710	1,928	818	359
Germany, Fed. Rep.	526	253	37	..	..	4,855	2,781	353	..	..
New Caledonia	286	129	19	..	..	3,138	1,652	233	..	..
Other countries	1,026	1,834	240	40	40	11,602	20,509	2,688	526	526
Total	18,697	21,410	3,182	3,359	2,069	193,725	237,150	34,461	40,227	24,947

(a) The Australian Export Commodity Classification for each commodity in this table is shown in Appendix A. (b) Quantities shown for metallic minerals are gross quantities not metallic contents. Principal metallic contents of selected ores and concentrates exported are shown in Table 4. (c) Includes beneficiated ilmenite.

TABLE 7. - AVERAGE DAILY PRICES OF SELECTED METALS, AUSTRALIAN AND OVERSEAS MARKETS (a)

Period	Copper		Lead			Zinc			
	AUST. (\$A - metric ton)	L.M.E. (£Stg - metric ton)	Aust. (\$A -ton)	L.M.E. (£Stg - metric ton)	U.S.A. (USc -lb)	Aust. (\$A -ton)	L.M.E. (£Stg - metric ton)	Prod. (£Stg - ton)	U.S.A. (USc -lb)
	1	2	3	4	5	6	7	8	9
1969-70	(b)1,500.1	671.8	283.5	132.2	16.10	291.2	123.9	127.3	15.30
1970-71	(b)1,087.4	477.7	262.4	114.7	14.60	295.7	121.3	128.8	15.25
1971-72	(b) 976.6	427.9	237.9	106.7	14.72	343.0	141.4	150.0	17.21
1972-73 - Highest	925.9	446.8	250.0	127.6	16.00	343.0	153.1	160.0	19.00
Lowest	925.9	416.5	250.0	120.8	15.00	343.0	145.6	150.0	18.00
1971-72 - (b)									
July	1,046.8	464.4	250.0	109.0	14.25	343.0	132.2	150.0	16.21
August	1,030.4	451.0	250.0	106.0	14.25	343.0	132.4	150.0	17.00
September	997.9	427.5	250.0	96.7	14.25	343.0	125.5	150.0	17.00
October	941.9	417.7	221.4	91.9	14.25	343.0	135.0	150.0	17.00
November	937.7	406.4	220.0	88.8	14.25	343.0	138.0	150.0	17.00
December	918.4	410.7	220.0	91.3	14.25	343.0	142.0	150.0	17.00
January	929.2	418.9	220.0	97.8	14.00	343.0	147.6	150.0	17.00
February	956.7	426.9	222.9	112.9	14.61	343.0	149.5	150.0	17.00
March	1,002.0	442.2	250.0	122.2	15.43	343.0	151.5	150.0	17.21
April	1,008.0	433.5	250.0	120.9	15.63	343.0	151.2	150.0	17.50
May	987.6	423.2	250.0	121.6	15.75	343.0	147.8	150.0	18.05
June	962.1	412.4	250.0	121.0	15.75	343.0	143.9	150.0	18.50
1972-73 - July	925.9	422.6	250.0	124.2	15.75	343.0	148.7	159.1	18.50
August	925.9	427.0	250.0	121.4	15.72	343.0	148.3	160.0	18.50
Gold									
Period	Tin		Nickel U.K. (£Stg - metric ton)	Aluminium		Premium mar- kets (\$A-f.oz) Australia and Overseas	Silver U.K. (\$Stg new pence-f.oz)		
	Aust. (\$A - ton)	L.M.E. (£Stg - metric ton)		Aust. (\$A-ton)	U.S.A. (USc -lb)		U.K. (\$US-f.oz)		
	10	11	12	13	14	15	16	17	18
1969-70	3,463.8	1,524.6	669.7	1,123.7	564.9	27.9	33.50	37.40	(c)179.1
1970-71	3,344.9	1,476.7	643.1	1,231.1	578.0	29.0	33.76	37.87	70.3
1971-72	3,306.3	1,435.8	629.7	1,246.5	578.0	26.6	39.74	46.89	58.6
1972-73 - Highest	3,419.0	1,562.0	636.0	1,246.5	578.0	25.0	55.51	70.00	77.9
Lowest	3,354.0	1,511.0	620.0	1,246.5	578.0	23.0	54.91	64.85	63.8
1971-72 - July	3,326.7	1,439.9	638.5	1,246.5	578.0	29.0	35.99	40.95	65.0
August	3,266.5	1,419.9	628.9	1,246.5	578.0	29.0	37.38	42.73	65.4
September	3,263.0	1,416.4	626.2	1,246.5	578.0	29.0	36.45	42.02	57.4
October	3,217.6	1,402.0	618.6	1,246.5	578.0	26.7	36.72	42.50	53.2
November	3,242.3	1,413.1	624.0	1,246.5	578.0	26.7	36.70	42.86	52.6
December	3,253.2	1,417.1	626.2	1,246.5	578.0	26.7	37.26	43.48	54.8
January	3,241.7	1,411.9	620.0	1,246.5	578.0	26.0	38.23	45.75	56.9
February	3,283.6	1,413.4	621.2	1,246.5	578.0	26.0	40.61	48.26	57.8
March	3,416.5	1,475.2	643.1	1,246.5	578.0	26.0	40.56	48.33	58.4
April	3,444.3	1,497.0	648.3	1,246.5	578.0	26.0	41.10	49.03	60.0
May	3,384.4	1,466.6	634.4	1,246.5	578.0	24.5	43.67	54.62	60.6
June	3,335.5	1,456.6	626.5	1,246.5	578.0	24.0	52.21	62.09	61.1
1972-73 - July	3,365.1	1,529.6	622.4	1,246.5	578.0	24.0	54.91	65.67	70.3
August	3,371.8	1,531.4	623.9	1,246.5	578.0	24.0	55.51	67.03	75.0

(a) Where a daily market does not actually exist for a commodity, daily prices have been imputed from price data which are available. The numerals shown at the head of each column are reference numbers which relate to the detailed price specifications set out in Appendix C. Appendix C also sets out explanations for abbreviations used, and currency and quantity equivalents for the units referred to in this table.

(b) \$A per ton. (c) dStg per f.oz.

TABLE 8. - PRICES OF SELECTED ORES AND CONCENTRATES, AUSTRALIAN AND OVERSEAS MARKETS (a)

Period	Tin		Wolfram		Ilmenite (c)		Rutile (c)		Zircon (c)	
	Aust. (b)	U.K. (c)	Aust. (b)	U.K. (c)	Aust. (b)	U.K. (c)	Aust. (b)	U.K. (c)	Aust. (b)	U.K. (c)
	(\$A-ton)	(£ Stg-mtu)	(\$A-ton)	(£ Stg-mtu)	(\$A-ton)	(£ Stg-mtu)	(\$A-ton)	(£ Stg-mtu)	(\$A-ton)	(£ Stg-mtu)
	19	20	21	22	23	24	25	26		
1969-70	30.90	(d)21.00-38.00	9-11	(e)7.5-9.50	124-150	(e)66.00-79.00	35-47	(e)25.25-27.75		
1970-71	28.66	(d)22.80-36.75	11	7.3-11.32	145-150	74.78-79.72	35-39	24.85-28.05		
1971-72	28.21	14.00-22.00	11-12	9.3-11.32	115-150	64.00-79.72	35-39	26.82-28.05		
1972-73 -										
Highest	28.72	16.00	12	11.32	125	68.00	39	28.05		
Lowest	27.98	15.10	11	9.35	115	64.00	35	26.82		
1971-72 -		(d)								
July	28.21	20.50-21.50	11	9.35-11.32	145-150	76.77-79.72	35-39	26.82-28.05		
August	28.05	17.00-18.50	11	9.35-11.32	145-150	76.77-79.72	35-39	26.82-28.05		
September	27.73	16.40-18.00	11	9.35-11.32	145-150	76.77-79.72	35-39	26.82-28.05		
October	27.77	18.50-20.50	11	9.35-11.32	145-150	76.77-79.72	35-39	26.82-28.05		
November	27.62	20.00-22.00	11	9.35-11.32	145-150	76.77-79.72	35-39	26.82-28.05		
December	27.90	17.50-18.75	11	9.35-11.32	145-150	76.77-79.72	35-39	26.82-28.05		
January	27.50	16.00-17.50	11	9.35-11.32	145-150	76.77-79.72	35-39	26.82-28.05		
February	27.80	16.00-17.50	11	9.35-11.32	145-150	76.77-79.72	35-39	26.82-28.05		
March	28.28	16.00-17.00	11	9.35-11.32	145-150	76.77-79.72	35-39	26.82-28.05		
April	29.68	15.50-16.50	11-12	9.35-11.32	135-138	76.77-79.72	35-39	26.82-28.05		
May	29.36	14.00-14.50	11-12	9.35-11.32	115-125	64.00-68.00	35-39	26.82-28.05		
June	28.57	15.35-16.20	11-12	9.35-11.32	115-125	64.00-68.00	35-39	26.82-28.05		
1972-73 -										
July	27.98	15.20-16.00	11-12	9.35-11.32	115-125	64.00-68.00	35-39	26.82-28.05		
August	28.72	15.10-16.00	11-12	9.35-11.32	115-125	64.00-68.00	35-39	26.82-28.05		

(a) The numerals shown at the head of each column are reference numbers which relate to the detailed price specifications set out in Appendix C. Appendix C also sets out explanations for abbreviations used, and currency and quantity equivalents for the units referred to in this table. (b) Monthly prices are average prices on the first trading day of the month. Annual prices are averages of monthly prices. (c) Monthly prices are a range from the lowest price to the highest on the first trading day of the period indicated. Annual prices are a range of lowest and highest prices derived from these monthly prices. (d) £ Stg per long ton unit. (e) £ Stg per ton.

TABLE 9. - EXPORT PRICE INDEX, AUSTRALIA (a)
(Base: Year 1959-60 = 100)

Period	Metals and coal (b)	Gold	All groups
1969-70	143	109	(c)103
1970-71	139	109	101
1971-72	138	126	104
1971-72 -			
July	141	116	103
August	138	123	102
September	136	118	100
October	133	120	99
November	132	119	100
December	135	121	100
January	135	122	102
February	139	129	105
March	142	133	108
April	143	134	109
May	141	141	110
June	141	141	114
1972-73 -			
July	141	p141	p114
August	140	p141	p113

(a) See Appendix D for details on this index. (b) Comprises iron and steel, copper, zinc, lead, silver, and coal. (c) Includes in addition to the items of the previous series, the four items iron ore, bauxite, alumina, and mineral sands.

TABLE 10. - COMMONWEALTH GOVERNMENT PAYMENTS TO THE MINERAL INDUSTRY AND TO THE MANUFACTURING INDUSTRY FOR PRODUCTS OF MINERAL ORIGIN, AUSTRALIA (\$'000)

Period	Petroleum exploration (a) (b)	Gold mining (b) (c)	Pyrites mining (d)	Sulphuric acid production (e)	Phosphate fertiliser production (f)
1969-70	14,302	1,871	..	740	45,820
1970-71	9,643	2,881	568	489	40,815
1971-72	7,572	1,852	1,055	896	45,795
July to Aug. -					
1971-72	1,038	234	92	267	4,308
1972-73	429	78	180	1	4,376
1971-72 -					
July	61	..	92	183	3,033
August	977	234	..	84	1,275
September	469	255	..	..	1,547
October	187	139	62	2	1,574
November	461	108	212	..	1,658
December	982	165	..	159	1,689
January	764	86	77	78	2,377
February	365	204	..	98	3,839
March	991	58	71	72	7,117
April	329	21	339	..	8,071
May	309	87	201	76	7,262
June	1,677	497	..	145	6,352
1972-73 -					
July	201	- 4	..	..	2,204
August	227	82	180	1	2,171

(a) Petroleum Search Subsidy Act 1959-1969. (b) Includes Papua New Guinea. (c) Gold Mining Industry Assistance Act 1954-1972. (d) Pyrites Bounty Act 1960-1971. (e) Sulphuric Acid Bounty Act 1954-1971. (f) Phosphate Fertilisers Bounty Act 1963-1971.

TABLE 11. - CHANGES IN STOCKS OF GOLD BULLION HELD IN AUSTRALIA

Gold bullion								
Period	Supplies			Disposals			Change in stocks held in Australia (c)	Gold specie - net surplus of imports
	Refinery production (a)	Imports (b)	Total	Exports	Net industrial consumption	Total		
	f oz	f oz	f oz	f oz	f oz	f oz	f oz	\$A
1969-70	546,677	191,517	738,194	473,411	427,463	900,874	-162,680	33,449
1970-71	485,646	111,422	597,068	72,354	834,443	906,797	-309,729	19,293
1971-72	550,083	103,469	653,552	119,519	888,889	1,008,408	-354,856	83,767
July to Aug. -								
1971-72	85,442	12,822	98,264	9,676	161,873	171,549	- 73,285	- 9,628
1972-73	104,092	19,826	123,918	39,888	22,590	62,478	+61,440	15,642
1971-72 -								
July	39,481	6,095	45,576	32	52,985	53,017	- 7,441	-13,583
August	45,961	6,727	52,688	9,644	108,888	118,532	- 65,844	3,955
September	46,128	7,941	54,069	28,964	79,494	108,458	- 54,389	3,271
October	52,643	11,085	63,728	..	103,656	103,656	- 39,928	9,681
November	45,834	7,160	52,994	9,644	96,114	105,758	- 52,764	9,972
December	45,486	14,077	59,563	28,932	45,251	74,183	-14,620	17,069
January	42,378	8,200	50,578	..	114,505	114,505	- 63,927	17,749
February	44,475	4,144	48,619	..	26,010	26,010	+22,609	5,511
March	44,715	8,608	53,323	2,340	130,160	132,500	-79,177	8,149
April	50,966	9,607	60,573	..	30,036	30,036	+30,537	3,790
May	48,167	6,351	54,518	39,963	89,778	129,741	-75,223	9,434
June	43,849	13,474	57,323	..	12,012	12,012	+45,311	8,769
1972-73 -								
July	55,422	10,176	65,598	..	10,576	10,576	+55,022	13,649
August	48,670	9,650	58,320	39,888	12,014	51,902	+ 6,418	11,993

(a) Refinery production from newly-won gold of Australian origin and scrap of domestic and overseas origin. (b) Includes gold content of gold bullion imported for refining in Australia. (c) Includes changes in holdings in Australia by official and banking institutions both on their own behalf and that of non-residents.

J. P. O'NEILL
Commonwealth Statistician

Commonwealth Bureau of Census and Statistics
Canberra, A.C.T. 2600

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 49 0211 extension 391 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.

APPENDIX A
AUSTRALIAN EXPORT COMMODITY CLASSIFICATION (A.E.C.C.) 1972-73
ITEMS INCLUDED IN TABLES 3, 4 and 6

Commodity	Statistical item	Description
Non-ferrous -		
Copper -		
Concentrate	283.11.00	Ores and concentrates of copper
Blister	682.11.09	Black, blister, rough or standard copper
Refined	682.12.01	Refined copper
	{ 284.00.23	Copper-lead dross and speiss
Matte, slags, etc.	{ 284.00.24	Copper slags and residues
	{ 283.12.00	Copper matte (including copper-lead matte)
Lead -		
Concentrate	283.40.00	Ores and concentrates of lead
Bullion	685.10.11	Bullion (lead and silver-lead)
Refined	685.10.19	Unworked n.e.i.
Slags and residues	284.00.25	Lead slags and residues
Zinc -		
Concentrate	283.50.00	Ores and concentrates of zinc
Refined	686.10.00	Unworked zinc and zinc alloys
Slags and residues	284.00.27	Zinc slags and residues
Tin -		
Concentrate	283.60.00	Ores and concentrates of tin
Refined	687.10.01	Refined tin
Aluminium -		
Alumina	513.65.01	Alumina
Refined	684.10.00	Unworked aluminium and aluminium alloys
Ferrous and alloy -		
Iron ore -		
Pellets	281.30.01	Pellets
Fines	281.30.05	Fines
Lump	281.30.09	Other (including lump and run-of-mine)
Tungsten -		
Scheelite concentrate	283.92.09	Scheelite
Wolfram concentrate	283.92.01	Wolfram
Pig iron	{ 671.10.00	Spiegeleisen
	{ 671.20.00	Pig iron and cast iron
	{ 672.40.01	Ingots, blocks, lumps and similar forms of iron or steel
	{ 672.40.09	Other
Steel ingots, blooms	{ 672.51.00	Blooms, billets, slabs, sheet bars and roughly forged pieces (except of high carbon or alloy steel)
	{ 672.54.00	Blooms, billets, slabs, sheet bars and roughly forged pieces of high carbon or alloy steel
Mineral sands -		
Ilmenite concentrate	{ 283.93.13	In bulk
	{ 283.93.15	In bags, drums and similar containers
Rutile concentrate	{ 283.93.02	In bulk
	{ 283.93.03	In bags, drums and similar containers
Zircon concentrate	{ 283.93.22	In bulk
	{ 283.93.23	In bags, drums and similar containers
Precious -		
	{ 991.00.03	Mint bullion (i.e. in the form accepted in inter-bank transactions)
Gold, refined	{ 991.00.08	Refined bullion (except mint bullion)
	{ 681.10.01	Mint bullion (i.e. in the form accepted in inter-bank transactions)
Silver, refined	{ 681.10.09	Other
Coal, black	321.40.00	Coal (anthracite, bituminous and sub-bituminous)
Petroleum, crude	{ 331.01.00	Crude petroleum
	{ 331.02.00	Petroleum, partly refined (including topped crudes and enriched crudes)

APPENDIX B
AUSTRALIAN IMPORT COMMODITY CLASSIFICATION (A.I.C.C.) 1972-73
INCLUDED IN TABLE 5

<i>Commodity</i>	<i>Statistical item</i>	<i>Description</i>
Tin refined	687.10.01	Tin
Nickel, pigs, anodes, etc.	{ 683.10.01	Pellets; shot; granulated
	{ 683.10.02	Other
	{ 683.24.00	Electroplating anodes of nickel
Ferro-alloys	{ 671.40.09	Ferro-manganese
	{ 671.50.02	Ferro-chromium
	{ 671.50.03	Ferro-molybdenum
	{ 671.50.04	Ferro-nickel
	{ 671.50.05	Ferro-silicon
	{ 671.50.09	Other
Gold -		
Unrefined bullion	991.00.02	Unrefined bullion
Refined forms	{ 991.00.03	Mint bullion (i.e. in the form accepted in inter-bank transactions)
	{ 991.00.04	Refined bullion (except mint bullion)
Petroleum, crude	{ 331.01.00	Crude petroleum
	{ 331.02.01	Topped crudes
	{ 331.02.02	Crude petroleum, enriched with a distillate from crude petroleum
	{ 331.02.09	Other oils for use as refinery feed-stock (including enriched residuals)
Asbestos	{ 276.40.01	Amosite
	{ 276.40.02	Chrysotile (white)
	{ 276.40.09	Other
Diamonds - Industrial	{ 275.10.01	Uncut
	{ 275.10.09	Other
	{ 275.21.01	Diamond dust and powder
Gemstone	667.20.00	Gemstone diamonds
Phosphate rock	271.30.00	Natural phosphates, whether or not ground
Potassium fertilisers	{ 561.30.01	Potassium chloride
	{ 561.30.02	Potassium sulphate
	{ 561.30.09	Other
Sulphur	{ 274.10.01	In bulk
	{ 274.10.05	Bagged or otherwise packed - Insoluble
	{ 274.10.07	Other

APPENDIX C
PRICES OF SELECTED METALS AND MINERALS (TABLES 7 AND 8)

Reference
number

Particulars of Price Bases

1. Refined electrolytic copper, ex-smelter Port Kembla.
2. Refined electrolytic copper wirebars, L.M.E. warehouse, mid-day cash price, average of buyers' and sellers' quotes, L.M.E.
3. Refined soft pig lead, f.o.b. Port Pirie.
4. Refined soft pig lead, L.M.E. warehouse, mid-day cash price, average of buyers' and sellers' quotes, L.M.E.
5. Refined soft pig lead, ex-warehouse, mid-day New York.
6. Zinc, g.o.b. grade, delivered Melbourne, Sydney, Port Kembla and Adelaide.
7. Zinc, g.o.b. grade, L.M.E. warehouse, mid-day cash price, average of buyers' and sellers' quotes, L.M.E.
8. Zinc, g.o.b. grade, producers' base price.
9. Zinc, Prime Western, f.o.b. East St Louis.
10. Refined tin, domestic 5 ton lots, ex-works or delivered buyers' premises.
11. Refined tin, L.M.E. warehouse, mid-day cash price, average of buyers' and sellers' quotes, L.M.E.
12. Refined tin, ex-works, Penang.
13. Refined nickel, delivered.
14. Refined aluminium, 99.5% domestic, 1-20K ingots, c.i.f. capital cities.
15. Refined aluminium, min. 99.5% domestic, delivered.
16. Australian gold sold on Australian and Overseas premium markets by the Gold Producers' Association. Prices relate to the month in which sales contracts are negotiated and do not necessarily relate to the month in which the gold is actually delivered and/or exported. The Reserve Bank official price is \$31.25 per fine ounce.
17. Refined gold, spot, London open market.
18. Refined silver, spot, London.
19. Concentrates, per ton of contained tin, 70% Sn grade, delivered Sydney.
20. Concentrates, per ton of WO₃ grade, standard quality, c.i.f. Europe.
21. Nominal prices*, concentrates, 52-54% TiO₂, f.o.b. Bunbury.
22. Concentrates, 52-54% TiO₂, Malaysian origin, c.i.f. Europe.
23. Nominal prices*, concentrates, 95-97% TiO₂, bagged f.o.b./f.o.i.
24. Concentrates, 95-97% TiO₂, Australian origin, c.i.f. Europe.
25. Nominal prices*, concentrates, standard grade, minimum 65% ZrO₂, f.o.b.
26. Concentrates, 66-67% ZrO₂, c.i.f. Europe.

* These domestic prices for ores and concentrates are nominal, the prices quoted being subject to negotiation between the producer and purchaser. Ore and concentrate prices will also vary according to grade and possible impurities, and in many cases with size of the ore parcel.

Abbreviations used

c.i.f.	cost, insurance, freight
f.o.b.	free on board
f.o.r.	free on rail
g.o.b.	good ordinary brand
L.M.E.	London Metal Exchange
ltu	long ton unit

Currency and quantity equivalents

Unit	Equivalent to -
\$Mal 1	\$A0.29
f Stg 1	\$A2.01
\$US 1	\$A0.84
ltu	22.4 lb
mtu	22.046 lb
metric ton	2204.6 lb
picul	133 1/3 lb
short ton	2,000 lb
ton	2,240 lb
1 Stg new pence	d Stg 2.4 old pence

APPENDIX D
EXPORT PRICE INDEX (TABLE 9)

1. Figures from July 1969 have been compiled on an interim basis which incorporates a re-weighting (1969-70 basis) of the items contained in the previous series and the inclusion of some additional items. The interim series have been linked to the previous series at June 1969. A comprehensive review and re-basing of the index is expected to be completed later this year.
2. The base of each index is -

Year 1959-60 = 100.
3. The *All groups* index includes wool, meats, dairy produce, cereals, dried and canned fruit, sugar, hides and tallow, metals and coal, gold, and from July 1969, iron ore, bauxite, alumina and mineral sands.
4. A detailed description of the index as constructed up to June 1969 is given in *Year Book* No. 57, 1971, pages 238-240. The interim series was introduced in the July 1970 issue of *Export Price Index* (Reference No. 9.2).