

Reference No. 10.19

MINERALS AND MINERAL PRODUCTS, AUSTRALIA
FEBRUARY 1973

CONTENTS

<i>Section</i>	Explanatory notes	<i>Page</i>
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		
<i>Table</i>		
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.	Price index of metallic materials used in the manufacture of fabricated metal products	12
10.	Export price index, Australia	13
Government payments		
11.	Commonwealth Government payments to the mineral industry and to the manufacturing industry for products of mineral origin, Australia	13
Changes in stocks of gold		
12.	Changes in stocks of gold bullion held in Australia	14
Appendixes		
A.	Australian Export Commodity Classification (Tables 3, 4 and 6)	15
B.	Australian Import Commodity Classification (Table 5)	16
C.	Prices of selected metals and minerals (Tables 7 and 8)	17
D.	Metallic Materials Price Index (Table 9)	18
E.	Export Price Index (Table 10)	18

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

Statistics in these tables are derived mainly from collections carried out by the Bureau of Mineral Resources, the Department of Minerals and Energy 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 petroleum products which are collected by the Department of Minerals and Energy.

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.

Tables 9 and 10. Metallic materials and export price indexes

Data in these tables are derived from this Bureau's compilation of price indexes. For further information, see Appendixes D and E.

Table 11. 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 904-9 of *Official Year Book* No. 58, 1972.

Table 12. 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.

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

Period	Metals								Iron ore	
	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	15,728	(f)15,769
1970-71	2,367	214,797	128,143	113,500	176,590	152,490	249,753	5,848	6,613	(f)6,240
1971-72	2,771	209,106	142,175	128,759	138,480	187,625	269,747	6,290	5,919	(f)6,072
July to Feb. —										
1971-72	1,866	142,849	94,449	83,722	88,512	125,729	175,679	4,181	4,093	4,056
1972-73	1,865	134,786	93,385	91,049	87,214	112,096	197,895	4,778	5,140	4,725
1971-72 —										
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	235	17,299	13,601	11,438	10,924	14,612	26,226	324	569	542
August	233	17,366	13,543	12,797	10,989	15,252	24,470	444	551	553
September	215	17,052	12,707	9,229	10,638	12,104	25,497	858	515	576
October	233	17,584	11,885	12,546	11,094	13,728	26,237	659	566	626
November	248	16,797	10,355	11,695	10,633	13,735	24,708	661	698	629
December	239	16,922	10,855	11,544	11,139	15,276	25,458	710	757	646
January	242	16,844	11,345	10,708	11,347	13,811	23,812	560	806	611
February	222	14,922	9,094	11,092	10,450	13,578	21,087	562	678	542

Metals — continued

Period	Precious									
	Ferrous — continued					Refined gold				
	Steel ingots (e)				Australian origin			Overseas origin		Refined silver
	Original	Seasonally adjusted (g)	Blooms and slabs	Tinplate	Newly won	From scrap	Newly won	From scrap		
'000 tonnes	'000 tonnes	'000 tonnes	tonnes	oz	'000	oz	oz	oz	'000 f oz	
1969-70	(f)6,874	..	(f)5,695	(f)289,996	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	8,162
1971-72	(f)6,585	..	(f)5,551	(f)317,251	527,092	22,171	21,287	113,722	1,704	8,712
July to Feb. —										
1971-72	4,452	..	3,776	228,460	349,199	13,580	12,335	74,480	852	5,702
1972-73	4,847	..	4,127	150,566	340,971	18,011	12,541	70,682	4,193	5,388
1971-72 —										
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	2,119	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	3,298	3,370	12,299	498	742
1972-73 —										
July	555	539	513	15,269	53,401	2,669	2,021	9,536	..	952
August	626	612	529	17,159	46,266	2,616	2,042	10,263	362	631
September	605	604	523	13,694	66,055	2,915	1,268	10,442	..	597
October	645	622	521	18,431	39,283	2,790	1,316	8,511	322	648
November	655	651	555	20,681	36,282	1,916	1,836	6,528	190	550
December	612	584	488	21,684	36,842	1,662	1,230	10,502	..	713
January	600	612	504	23,180	34,556	1,951	1,391	7,965	..	795
February	550	639	494	20,468	28,286	1,492	1,437	6,935	3,319	502

(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	2,954	5,987	1,080	3,969	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 Feb. -						
1971-72	1,561	2,787	3,414	780	2,725	847
1972-73	1,598	2,337	3,273	703	3,292	790
1971-72 -						
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
September	205	304	424	110	410	104
October	232	328	479	94	423	99
November	218	322	441	105	404	88
December	251	351	438	109	428	67
January	204	335	488	59	427	87
February	199	279	361	81	370	93
	Building materials and chemicals					
	Building materials			Chemicals		
	Portland cement		Asbestos cement sheets non-acoustic	Sulphuric acid		
Period	Original	Seasonally adjusted (b)		Original	Seasonally adjusted (b)	Superphosphate (c)
	'000 tons	'000 tons	'000 sq yds	'000 tons	'000 tons	'000 tons
1969-70	4,428	..	40,868	1,734	..	3,522
1970-71	4,611	..	40,240	1,586	..	3,066
1971-72	4,728	..	44,353	1,722	..	3,638
July to Feb. -						
1971-72	3,044	..	29,612	1,055	..	2,016
1972-73	3,220	..	31,132	1,397	..	2,803
1971-72 -						
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	423
May	428	397	4,278	182	176	471
June	422	428	3,494	175	216	347
1972-73 -						
July	427	397	3,997	123	182	194
August	435	409	4,108	145	156	309
September	421	408	3,851	161	142	333
October	436	399	5,079	192	183	345
November	454	419	4,631	170	166	359
December	371	427	3,732	199	189	406
January	308	390	1,681	211	195	416
February	369	395	4,052	196	189	443

(a) Produced by Australian refineries from imported and indigenous petroleum. Source : Department of Minerals and Energy. (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.

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).

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 nominal

p preliminary

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 I. - MINE PRODUCTION OF PRINCIPAL MINERALS, AUSTRALIA

Period	Metallic minerals									
	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)
	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	662,510
1970-71	170,234	409,855	437,130	8,782	299,244	10,869	56,208	774	2,326	614,275
1971-72	180,720	422,111	496,629	10,875	295,799	13,623	61,762	1,133	2,627	747,656
July to Feb. -										
1971-72	111,812	272,677	317,333	(d)	205,049	(d)	(d)	(d)	(d)	508,160
1972-73	124,000	249,172	324,340	8,471	171,737	(d)	(d)	(d)	(d)	474,481
1971-72 -										
January	14,352	25,280	31,612	2,678	28,115	3,647	13,674	250	689	88,116
February	13,350	32,811	38,026							
March	15,022	34,370	42,087							
April	17,691	34,412	40,354	2,721	21,761	3,184	15,387	319	639	61,097
May	17,657	41,307	48,983							
June	18,538	39,345	47,872							
1972-73 -										
July	16,409	33,380	42,042	1,084	18,253	3,675	14,780	202	647	70,480
August	16,084	37,200	53,234	1,115	23,284					
September	15,405	32,791	43,566	1,120	21,744					
October	14,888	33,214	43,895	1,094	22,344	3,699	18,971	369	490	54,802
November	15,023	35,625	46,764	1,010	21,829					
December	15,757	23,023	31,937	r968	22,326					
January	16,387	r23,942	r28,882	r1,100	25,093					r64,404
February	14,047	29,997	34,020	980	16,864					47,999
	Metallic minerals - continued					Fuel minerals				
	Precious (b) - continued				Black coal				Petroleum (e)	
		Mineral sands concentrates (a)			Under-ground	Total	Seasonally adjusted (g)	Brown coal	Crude oil (h)	Natural gas
Period	Silver	Ilmenite (f)	Rutile	Zircon	'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	23,106	717,022	346,900	375,584	35,788	52,886	..	23,257	119,746	92,801
July to Feb. -										
1971-72	14,915	480,551	226,666	246,031	22,401	32,310	..	14,953	83,017	55,953
1972-73	14,239	444,528	187,935	228,749	23,885	38,183	..	15,432	84,041	81,980
1971-72 -										
January	1,631	57,650	23,960	25,842	1,668	2,697	4,588	1,785	10,965	6,831
February	1,815	52,136	24,012	26,029	3,411	5,013	4,741	1,266	9,842	6,353
March	1,835	54,965	31,471	36,234	3,638	5,450	5,046	2,018	9,813	7,677
April	1,922	58,589	24,661	25,540	2,315	3,766	4,816	1,922	10,813	8,477
May	2,242	61,854	33,934	34,782	3,862	5,850	5,297	2,187	10,433	9,972
June	2,192	61,063	30,168	32,997	3,572	5,509	4,826	2,177	5,669	10,723
1972-73 -										
July	1,917	60,153	24,146	28,518	3,526	r5,217	4,695	2,252	3,428	11,251
August	2,031	62,457	23,955	30,386	3,226	4,912	4,937	2,086	11,298	10,866
September	1,845	57,535	20,559	29,767	2,839	4,935	4,798	2,069	11,536	9,951
October	1,886	60,488	22,208	27,869	3,472	5,717	5,189	2,084	11,947	10,824
November	1,934	60,660	25,149	27,418	3,452	5,818	5,019	1,577	11,653	9,909
December	1,546	46,349	24,070	25,435	2,393	3,800	4,975	1,900	12,119	9,747
January	r1,505	r47,470	21,571	28,559	1,909	3,145	4,177	1,719	11,799	10,018
February	1,574	49,416	26,277	30,797	3,068	4,640	4,611	1,747	10,262	9,414

(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 Minerals and Energy. (f) Includes ilmenite for beneficiating. (g) See Explanatory Notes, paragraph 5, page 3. (h) 1 barrel = 35 imperial gallons approximately.

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

Commodity (b)	Quantity					Value (\$'000)					
	July-Feb.				Feb. 1973	July-Feb.				Feb. 1973	
	1970-71	1971-72	1971-72	1972-73		1970-71	1971-72	1971-72	1972-73		
METALLIC MINERALS AND METALS (c)											
Non-ferrous —											
Copper —											
Concentrate	tons	138,003	139,165	103,346	111,645	14,912	32,031	26,825	19,127	21,166	2,857
Blister	"	6,862	5,775	4,250	5,422	1,220	8,992	6,643	4,816	6,772	1,353
Refined	"	35,445	55,132	37,244	39,482	4,873	35,521	50,922	34,127	34,413	4,366
Matte, slags, etc.	"	8,239	5,076	2,537	17,017	1,500	3,332	1,581	830	2,344	470
Lead —											
Concentrate	tons	81,784	92,060	67,816	37,238	82	16,290	15,961	11,821	5,915	6
Bullion	"	176,971	135,688	89,908	97,791	26,978	56,455	38,279	24,093	30,473	8,711
Refined	"	121,210	128,286	91,840	92,852	4,012	29,023	28,230	19,197	23,023	1,050
Slags and residues	"	2,987	2,273	992	4,110	281	586	422	211	582	68
Zinc —											
Concentrate	tons	381,217	367,709	278,938	185,703	40,413	25,739	27,131	20,740	14,037	3,017
Refined	"	134,506	196,121	122,738	124,621	13,502	35,671	52,548	31,227	39,734	3,589
Slags and residues	"	5,761	5,561	3,563	3,261	198	513	381	332	338	23
Tin —											
Concentrate	tons	6,243	9,112	4,873	7,441	1,360	7,636	11,704	6,506	7,881	745
Refined	"	1,427	2,122	1,526	2,933	559	4,535	6,573	4,684	9,183	1,677
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	59,565	61,666	7,407	35,962	38,886	25,422	23,059	3,202
Ferrous and alloy —											
Iron ore —											
Pellets	'000 tons	5,539	5,335	3,656	4,751	683	62,802	58,274	39,902	49,677	7,098
Fines	"	13,265	17,894	11,940	15,251	2,501	81,101	106,493	72,042	83,166	12,300
Lump	"	28,753	26,208	19,156	21,477	2,258	231,485	210,733	154,868	165,080	16,489
Tungsten —											
Scheelite concentrate	tons	1,205	1,750	950	971	60	3,607	4,762	2,785	1,969	122
Wolfram concentrate	"	986	858	480	627	48	4,100	2,300	1,462	1,352	95
Ph iron	tons	383,567	519,519	378,167	443,632	50,012	21,587	23,581	17,630	17,423	2,010
Steel ingots, blooms	"	115,359	291,670	110,167	497,649	50,679	9,596	18,973	7,604	32,800	3,204
Mineral sands —											
Ilmenite concentrate	tons	630,935	518,981	399,580	287,698	49,137	6,471	5,523	4,180	3,192	572
Rutile concentrate	"	374,906	309,799	209,352	201,720	13,082	36,399	36,474	25,377	24,210	1,629
Zircon concentrate	"	357,424	357,764	254,807	281,859	52,281	13,200	13,013	9,265	10,342	1,963
Precious —											
Gold, refined	f oz	72,354	119,519	77,216	264,821	41,576	2,305	4,573	2,854	14,274	2,167
Silver, refined	'000 f oz	7,960	6,801	4,500	4,460	208	12,237	9,033	5,838	6,539	329
FUEL MINERALS											
Coal, black	'000 tons	18,697	21,410	13,889	16,593	2,548	193,725	237,150	151,325	193,867	28,307
Petroleum, crude (f)	mil. gal	53	240	159	49	6	2,760	14,207	9,483	3,095	351

(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 also topped and enriched crudes.

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

Particulars	Metallic contents - estimated from assay							
	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	3,841	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	43,808	195,175	205,115	4,531	31,613	180,647	100,688	13,015
July to February -								
1971-72	31,921	133,719	154,623	2,559	22,213	99,425	68,312	8,784
1972-73	42,298	122,370	105,067	2,688	25,829	111,114	175,495	8,836
February 1973 -								
Copper concentrate	3,748	..	..	..	..	..	17,367	22
Blister copper	1,214	..	..	..	..	..	..	..
Copper matte, slags etc.	240	450	..	..	..	..	..	..
Lead concentrate	..	62	..	..	..	..	..	..
Lead bullion	..	26,818	..	..	..	..	..	1,843
Lead slags and residues	..	129	5	25	..	..	..	1
Zinc concentrate	..	..	21,023	..	..	..	..	..
Zinc slags and residues	..	..	107	..	..	..	..	..
Tin concentrate	..	..	..	104	..	..	..	..
Iron ore - Pellets	..	..	..	..	449	..	..	..
Fines	..	..	..	..	1,521	..	..	..
Lump	..	..	..	..	1,437	..	..	..
Scheelite concentrate	..	..	..	..	..	3,880	..	..
Wolfram concentrate	..	..	..	..	..	3,343	..	..
Total February 1973	5,202	27,459	21,135	129	3,407	7,223	17,367	1,866

(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-Feb.		Feb.			July-Feb.		Feb.	
	1970-71	1971-72	1971-72	1972-73	1973	1970-71	1971-72	1971-72	1972-73	1973	
METALS											
Tin, refined	tons	117	102	68	44	1	376	325	214	138	3
Nickel (pigs, anodes, etc.)	"	2,104	1,221	782	755	54	8,781	3,178	2,066	1,969	205
Ferro-alloys	"	37,243	27,500	23,184	18,022	1,194	11,660	8,234	7,128	5,109	452
Gold											
Unrefined bullion (b)	f oz	103,255	102,936	65,305	68,458	9,746	3,416	3,794	2,270	3,317	440
Refined	"	8,167	533	124	2,049	..	232	27	5	77	..
FUEL MINERALS											
Petroleum, crude (c)	mil. gals	3,011	2,411	1,657	1,457	216	121,325	115,101	78,381	71,437	10,673
NON-METALLIC MINERALS											
Asbestos	short tons	79,015	67,974	50,638	48,600	3,991	10,705	9,852	7,385	7,512	611
Diamonds -											
Industrial	metric carat	744,802	567,075	406,888	508,865	69,067	3,106	2,360	1,734	2,133	239
Gemstone	metric carat	49,847	44,016	29,531	39,632	7,368	6,573	6,331	4,219	5,878	1,104
Phosphate rock	'000 tons	2,074	1,616	1,212	1,262	139	22,174	18,157	13,761	12,667	1,379
Potassium fertilisers	tons	150,847	143,607	97,751	124,487	27,449	4,793	4,118	2,732	3,706	802
Sulphur	tons	269,024	272,374	166,966	301,970	28,066	4,906	4,637	2,966	4,633	477

(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)				
			July-Feb.		Feb.			July-Feb.		Feb.
	1970-71	1971-72	1971-72	1972-73	1973	1970-71	1971-72	1971-72	1972-73	1973
REFINED COPPER										
	tons	tons	tons	tons	tons					
France	6,444	15,182	9,851	7,154	1,183	6,595	14,004	8,987	6,214	1,094
Germany, Fed. Rep.	12,036	14,869	10,483	10,674	984	11,944	13,731	9,603	9,207	874
United Kingdom	7,625	14,081	8,518	16,904	1,183	7,595	12,930	7,783	14,811	1,068
Japan	5,395	6,494	4,435	3,477	1,523	5,373	6,028	4,049	3,028	1,330
Other countries	3,945	4,506	3,957	1,273	..	4,013	4,229	3,706	1,154	..
Total	35,445	55,132	37,244	39,482	4,873	35,521	50,922	34,127	34,413	4,366
LEAD BULLION										
	tons	tons	tons	tons	tons					
United Kingdom	142,885	111,038	74,518	78,549	22,678	47,499	32,450	20,469	25,258	7,466
Germany, Fed. Rep.	6,878	12,091	5,846	7,583	1,500	1,898	2,912	1,399	2,149	419
Netherlands	27,208	12,507	9,499	11,659	2,800	7,058	2,885	2,197	3,066	826
Other countries	..	52	45	..	..	..	32	27	..	..
Total	176,971	135,688	89,908	97,791	26,978	56,455	38,279	24,093	30,473	8,711
REFINED LEAD										
	tons	tons	tons	tons	tons					
United Kingdom	47,466	45,808	34,983	32,074	7	11,099	9,599	6,870	8,095	8
United States of America	38,797	39,188	29,141	27,348	..	9,098	8,466	6,082	6,346	..
India	16,120	13,688	5,849	13,628	..	3,948	3,200	1,267	3,400	..
Other countries	18,827	29,602	21,867	19,802	4,005	4,878	6,965	4,978	5,183	1,043
Total	121,210	128,286	91,840	92,852	4,012	29,023	28,230	19,197	23,023	1,050
ZINC CONCENTRATE										
	tons	tons	tons	tons	tons					
United Kingdom	175,376	109,533	97,403	13,815	..	11,750	7,339	6,526	940	..
Japan	120,722	79,621	49,479	93,300	22,589	8,689	6,297	3,897	7,446	1,820
Norway	33,058	39,463	39,463	..	..	2,032	3,361	3,361	..	..
Belgium	33,730	28,608	28,556	12,425	..	2,067	2,567	2,562	962	..
India	9,992	8,486	8,486	9,808	9,808	669	606	606	657	657
Other countries	8,339	101,998	55,551	56,355	8,016	531	6,960	3,788	4,031	539
Total	381,217	367,709	278,938	185,703	40,413	25,739	27,131	20,740	14,037	3,017

(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-Feb.				Feb. 1973	July-Feb.				Feb. 1973
	1970-71	1971-72	1971-72	1972-73		1970-71	1971-72	1971-72	1972-73	
REFINED ZINC										
	tons	tons	tons	tons	tons					
United Kingdom	15,328	45,294	23,197	24,551	3,859	3,841	10,869	5,611	7,205	468
United States of America	26,490	38,271	27,604	29,755	2,000	7,284	10,510	7,291	10,438	685
India	22,903	21,946	14,500	11,221	984	6,063	6,339	4,051	3,607	292
Thailand	9,398	16,536	10,008	9,727	1,963	2,517	4,948	2,904	3,104	665
New Zealand	15,492	15,187	10,088	13,316	1,987	4,080	4,535	3,009	3,661	594
China, People's Rep. of	1,968	..	..	..	..	517	..	..	..	..
Other countries	42,927	58,887	37,341	36,051	2,709	11,368	15,347	8,362	11,719	886
Total	134,506	196,121	122,738	124,621	13,502	35,671	52,548	31,227	39,734	3,589
IRON ORE										
	'000 tons	'000 tons	'000 tons	'000 tons	'000 tons					
Japan	41,324	42,933	30,164	35,636	4,772	330,808	326,939	231,871	259,770	32,400
Germany, Fed. Rep.	1,404	1,644	1,199	1,374	230	10,294	11,267	8,259	9,137	1,206
United Kingdom	983	683	408	816	103	7,761	5,014	3,326	6,157	768
France	801	498	309	315	43	5,637	3,886	2,637	1,762	83
United States of America	780	724	566	419	53	5,378	6,418	4,828	2,968	422
Other countries	2,264	2,954	2,107	2,918	241	15,509	21,975	15,891	18,130	1,007
Total	47,558	49,436	34,753	41,479	5,442	375,388	375,500	266,812	297,923	35,887
MINERAL SANDS (c)										
	tons	tons	tons	tons	tons					
United States of America	310,885	237,721	169,747	163,588	19,415	21,861	18,776	12,735	12,981	247
Japan	368,707	226,609	168,318	186,766	36,809	9,293	8,478	5,790	7,703	1,428
United Kingdom	306,332	270,097	209,586	159,545	18,895	6,566	7,280	6,268	4,389	277
Netherlands	80,097	56,672	37,706	66,679	14,932	4,434	4,747	2,997	3,919	976
Other countries	297,244	395,445	278,382	194,699	24,449	13,617	15,728	11,031	8,751	1,235
Total	1,363,265	1,186,544	863,739	771,277	114,500	56,070	55,010	38,822	37,744	4,163
BLACK COAL										
	'000 tons	'000 tons	'000 tons	'000 tons	'000 tons					
Japan	15,915	17,908	11,670	14,975	2,262	165,116	198,497	127,866	174,155	25,065
Netherlands	945	1,286	809	487	78	9,014	13,710	8,177	5,551	1,010
Germany, Fed. Rep.	526	253	172	83	37	4,855	2,781	1,665	664	168
New Caledonia	286	129	109	11	..	3,138	1,652	1,379	158	..
Other countries	1,026	1,834	1,130	1,038	173	11,602	20,509	12,237	13,339	2,063
Total	18,697	21,410	13,889	16,593	2,548	193,725	237,150	151,325	193,867	28,307

(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 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)
	(\$/tlu)	(£Stg-mtu)	(\$/t-oz)	(£Stg-metric ton)	(\$/t-oz)	(£Stg-metric ton)	(\$/t-oz)	(£Stg-metric ton)	(\$/t-oz)	(£Stg-metric ton)
	20	21	22	23	24	25	26	27		
1969-70	30.90 (d)	21.00-38.00	9-11	(e)7.50- 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	7.38-11.32	145-150	74.78-79.72	35-39	24.85-28.05		
1971-72	28.21	14.00-22.00	11-12	9.35-11.32	115-150	64.00-79.72	35-39	26.82-28.05		
1972-73 —										
Highest	29.11	17.30	12	11.32	125	84.00	39	34.00		
Lowest	26.71	14.00	11	9.35	115	64.00	35	26.82		
1971-72 —										
January	27.50	16.00-17.50	11	9.35-11.32	145-150	76.77-79.20	35-39	26.82-28.05		
February	27.80	16.00-17.50	11	9.35-11.32	145-150	76.77-79.20	35-39	26.82-28.05		
March	28.28	16.00-17.00	11	9.35-11.32	145-150	76.77-79.20	35-39	26.82-28.05		
April	29.68	15.50-16.50	11-12	9.35-11.32	135-138	76.77-79.20	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		
September	29.11	14.65-15.75	11-12	9.35-11.32	115-125	64.00-68.00	35-39	26.82-28.05		
October	28.85	14.10-15.20	11-12	9.35-11.32	115-125	70.00-74.00	35-39	26.82-28.05		
November	28.69	14.00-15.00	11-12	9.35-11.32	115-125	70.00-74.00	35-39	26.82-28.05		
December	28.27	15.70-16.60	11-12	9.35-11.32	115-125	72.00-76.00	35-39	30.00-32.00		
January	26.71	15.70-16.60	11-12	9.35-11.32	115-125	72.00-76.00	35-39	30.00-32.00		
February	26.82	15.70-16.60	11-12	9.35-11.32	115-125	80.00-84.00	35-39	32.00-34.00		
March	27.20	16.50-17.30	11-12	9.35-11.32	115-125	80.00-84.00	35-39	32.00-34.00		

(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. — PRICE INDEX OF METALLIC MATERIALS USED IN THE MANUFACTURE OF FABRICATED METAL PRODUCTS GROUP AND ALL GROUPS INDEX NUMBERS (a)
(Base: Year 1968-69 = 100.0) (b)

Period	Iron and steel	Aluminium	Copper and brass	Other metallic materials	All groups
	83.2% (c)	8.9% (c)	5.7% (c)	2.2% (c)	
1969-70	104.2	102.2	122.5	93.8	104.8
1970-71	106.7	104.5	106.5	90.0	106.2
1971-72	116.2	106.8	106.2	83.6	114.1
1971-72 —					
January	113.8	106.8	105.0	82.5	112.0
February	117.4	106.8	105.3	83.0	115.0
March	118.9	106.6	105.6	83.1	116.2
April	120.2	106.6	105.5	84.9	117.4
May	121.1	107.0	105.4	85.8	118.1
June	121.1	107.0	105.2	86.5	118.2
1972-73 —					
July	121.1	107.1	105.1	97.6	118.5
August	121.2	107.1	105.2	99.1	118.5
September	121.2	107.1	104.8	98.4	118.5
October	121.5	108.2	102.5	98.7	118.7
November	121.5	108.2	102.5	101.5	118.8
December	121.6	108.3	102.5	108.1	119.0
January	121.7	109.2	102.5	109.8	119.2
February	121.7	109.2	102.5	115.5	119.4

(a) See Appendix D for details on this index. (b) Figures are shown to one decimal place to avoid distortions that would occur in rounding off the index number to the nearest whole number. (c) Value weight (%) of group to all groups.

TABLE 10. - 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 -			
January	135	122	102
February	139	129	105
March	142	133	108
April	143	134	109
May	141	141	110
June	141	n141	114
1972-73 -			
July	141	n141	p114
August	140	n141	p113
September	139	184	p118
October	139	178	p131
November	137	168	p128
December	138	172	p130
January	n135	n172	rp140
February	136	166	p145

(a) See Appendix E 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 11. - COMMONWEALTH GOVERNMENT PAYMENTS TO THE MINERAL INDUSTRY AND TO THE MANUFACTURING INDUSTRY FOR PRODUCTS OF MINERAL ORIGIN, AUSTRALIA
(S'000)

Period	Petroleum exploration (a) (b)	Gold mining (b) (c)	Pyrites mining (d)	Sulphuric acid production (e)	Phosphate fertilizer production (f)
1969-70	14,302	1,859	..	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 Mar. -					
1971-72	5,256	1,248	514	675	24,109
1972-73	9,910	234	273	58	32,478
1971-72 -					
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
September	1,062	128	93	57	1,838
October	1,078	22	..	..	2,721
November	1,059	5	..	..	3,000
December	3,987	1	..	..	2,183
January	1,093	..	..	..	3,691
February	90	..	..	..	5,567
March	1,112	..	..	..	9,102

(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. This Act expired on 31 May 1972. (e) Sulphuric Acid Bounty Act 1954-1971. This Act expired on 31 May 1972. (f) Phosphate Fertilizers Bounty Act 1963-1971.

TABLE 12. - CHANGES IN STOCKS OF GOLD BULLION HELD IN AUSTRALIA

Period	Gold bullion							Change in stocks held in Australia (c)	Gold specie - net surplus of imports
	Supplies			Disposals					
	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	470,018	427,463	897,481	-159,287	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 Feb. -									
1971-72	362,386	65,429	427,815	77,216	626,903	704,119	-276,304	53,625	
1972-73	357,705	70,507	428,212	264,821	137,752	402,573	+ 25,639	13,351	
1971-72 -									
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	3,649	
August	48,670	9,650	58,320	39,888	12,014	51,902	+ 6,418	11,993	
September	67,323	9,640	76,963	69,120	6,626	75,746	+ 1,217	4,096	
October	40,921	10,154	51,075	60,665	21,415	82,080	-31,005	10,272	
November	38,308	7,002	45,310	21,573	44,095	65,668	-20,358	235	
December	38,072	7,598	45,670	16,007	2,485	18,492	+27,178	20,264	
January	35,947	6,541	42,488	15,992	10,415	26,407	+16,081	6,931	
February	33,042	9,746	42,788	41,576	30,126	71,702	-28,914	-44,089	

(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.

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Commonwealth Statistician

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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
Matte, slags, etc.	284.00.23	Copper-lead dross and speiss
	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
	{ 991.00.03	Mint bullion (i.e. in the form accepted in inter-bank transactions)
Refined forms	{ 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' basis price.
9.	Zinc, Prime Western, delivered.
10.	Refined tin, domestic 5 ton lots, delivered Sydney.
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 United Kingdom.
14.	Refined aluminium, 99.5% domestic, 1.20 K ingots, c.i.f. capital cities.
15.	Refined aluminium, ingot 99.5% carload lots 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 \$29.80 per fine ounce.
17.	Refined gold, spot, London open market.
18.	Refined silver, minimum lots of 10,000 f.o.z., f.o.b. or f.o.t. Port Pirie.
19.	Refined silver, spot, London.
20.	Concentrates, per ltu of contained tin, 70% Sn grade, delivered Sydney.
21.	Concentrates, per mtu, wolfram, c.i.f. standard quality minimum 65% WO ₃
22.	Nominal prices*, concentrates, 52-54% TiO ₂ , f.o.b. Bunbury.
23.	Concentrates, 52-54% TiO ₂ , Malaysian origin, c.i.f.
24.	Nominal prices*, concentrates, 95-97% TiO ₂ , bagged f.o.b./f.o.t.
25.	Concentrates, 95-97% TiO ₂ , bagged c.i.f. Europe.
26.	Nominal prices*, concentrates, bagged minimum 65% ZrO ₂ , f.o.b.
27.	Concentrates, 66-67% ZrO ₂ , c.i.f. standard grade.

* 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.

Currency and quantity equivalents

Unit	Equivalent to -
\$Mal 1	\$A0.28
£ Stg 1	\$A1.75
\$US 1	\$A0.71
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

Abbreviations used

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

APPENDIX D

PRICE INDEX OF METALLIC MATERIALS USED IN THE MANUFACTURE OF FABRICATED METAL PRODUCTS
(TABLE 9)

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1. This index is a fixed weights index compiled on the reference base 1968-69 = 100.0 using the method known as the weighted arithmetic mean of price relatives.
 2. Prices for each of the items relate to representative goods of fixed specification collected from a selection of representative sources. In each case, these specifications are sufficiently detailed to ensure that the price changes incorporated in the indexes are measured, as far as possible, on the basis of constant quality.
 3. The price series used are obtained monthly, by mail collection, from major Australian manufacturers of the relevant materials. In the main prices are collected as at the mid-point of each month.
 4. The prices collected are, as far as possible, those normally charged to representative manufacturers for goods delivered into their stores.
 5. The index is comprised of important metallic materials selected and combined in accordance with a weighting pattern reflecting value of usage as reported at the 1968-69 Census of Manufacturing Establishments for establishments classified to the Fabricated Metal Products Sub-division of Manufacturing Industry (Australian Standard Industrial Classification Sub-division 31).
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APPENDIX E

EXPORT PRICE INDEX (TABLE 10)

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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 being undertaken.
 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).
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