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SECURITY INFORMATION

FREE WORLD PRODUCTION, IMPORTS, EXPORTS AND APPARENT CONSUMPTION  
OF BAUXITE FOR 1950, IN METRIC TONS

<u>Countries</u>	<u>Mine Production</u>	<u>Imports</u>	<u>Exports</u>	<u>Apparent Consumption</u>
<u>Free World</u>	<u>7,230,800</u>			<u>7,021,400</u>
<u>Far East</u>	<u>534,297</u>			<u>123,173</u>
Australia	3,154	1	482	2,673
Indonesia	531,143	nil	a/*530,000	nil
Japan	nil	120,500	nil	120,500
Malaya	nil	nil	16,146	nil
<u>South Asia</u>	<u>51,299</u>			<u>51,299</u>
India	51,299	nil	nil	51,299
<u>Africa</u>	<u>130,682</u>			<u>nil</u>
Gold Coast	b/ 116,793	nil	116,793	nil
Mozambique	b/ 3,764	nil	3,764	nil
French West Africa	10,125	nil	10,125	nil
<u>Latin America</u>	<u>2,709,488</u>			<u>* 17,960</u>
Argentina	nil	9,900	nil	f/ 9,900
Brazil	* 20,000	nil	11,040	* 8,060
British Guiana	1,608,831	nil	1,608,831	nil
Surinam	2,080,657	nil	2,080,657	nil
<u>North America</u>	<u>1,355,946</u>			<u>5,550,838</u>
Canada	nil	1,688,831	nil	1,688,831
United States g/	1,355,946	2,578,913	72,852	d/3,862,007
<u>Western Europe</u>	<u>1,449,112</u>			<u>1,278,122</u>
Austria	616	nil	nil	616
Belgium-Luxembourg	nil	904	nil	904
France	804,396	70	261,862	542,604
Western Germany	nil	e/ 214,161	nil	214,161
Greece	77,448	nil	65,146	12,302
Italy	153,433	82,549	nil	235,982
Norway	nil	37,157	nil	37,157
Spain	13,219	nil	nil	13,219
Sweden	nil	9,459	nil	9,459
United Kingdom	nil	201,718	nil	201,718
Yugoslavia	* 400,000	nil	*250,000	f/ 40,000

a/ No longer published, but all is exported. b/ Exports.  
c/ Dried bauxite equivalent. g/ Actual consumption is 3,386,294 M.T.  
e/ Includes cryolite. \*Estimate.  
f/ Estimated actual consumption.

STOCKPILE POSITION OF BAUXITE  
IN METRIC TONS

	<u>In Inventory Dec. 31, 1951</u>	<u>Objective</u>
Metal Grade	3,598,978	5,080,000
Refractory Grade	0	304,800

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DOCUMENT NO. \_\_\_\_\_  
NO CHANGE IN CLASS.   
 DECLASSIFIED  
CLASS. CHANGED TO: TS S (C) 1991  
NEXT REVIEW DATE: \_\_\_\_\_  
AUTH: MR 78-2  
DATE: 2/27/81 REVIEWER: 009256

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SECURITY INFORMATIONFREE WORLD PRODUCTION AND CONSUMPTION OF CADMIUM FOR 1950,  
IN METRIC TONS

<u>Countries</u>	<u>Mine Production (Estimated)</u>	<u>Apparent Consumption</u>
<u>Free World</u> . . . . .	<u>5,966</u> . . . . .	<u>5,725.6</u>
<u>Far East</u> . . . . .	<u>615</u> . . . . .	a/ <u>169.9</u>
Australia . . . . .	525 . . . . .	119.9
Japan . . . . .	90 . . . . .	* 50.0
<u>Africa</u> . . . . .	<u>1,085</u> . . . . .	-
Belgian Congo . . . . .	395 . . . . .	-
French Morocco . . . . .	55 . . . . .	-
Northern Rhodesia . . . . .	10 . . . . .	-
South-West Africa . . . . .	610 . . . . .	-
Tunisia . . . . .	15 . . . . .	-
<u>Latin America</u>	<u>1,120</u> . . . . .	-
Mexico . . . . .	1,120 . . . . .	-
<u>North America</u> . . . . .	<u>2,965</u> . . . . .	<u>4,444.4</u>
Canada . . . . .	565 . . . . .	78.2
United States . . . . .	2,400 . . . . .	4,366.2
<u>Western Europe</u> . . . . .	<u>180</u> . . . . .	<u>1,111.4</u>
Belgium-Luxembourg . . . . .	- . . . . .	b/ n.a.
France . . . . .	- . . . . .	240.6
Western Germany . . . . .	25 . . . . .	* 100.0
Italy . . . . .	75 . . . . .	67.6
Norway . . . . .	20 . . . . .	* 10.0
Sweden . . . . .	60 . . . . .	130.0
United Kingdom . . . . .	- . . . . .	c/ 563.2

Note: Turkey has a small apparent consumption of cadmium.

a/ Sales to domestic consumers in 1950; 1951 requirements estimated at 112 metric tons.

b/ In 1948, apparent consumption was 15 metric tons in Belgium.

c/ According to the British Bureau of Non-Ferrous Metal Statistics.

n.a. Not available. \* Estimated.

STOCKPILE POSITION OF CADMIUM  
IN METRIC TONS

<u>In Inventory Dec. 31, 1951</u>	<u>Objective</u>
2,705	4,355

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SECURITY INFORMATIONFREE WORLD PRODUCTION, IMPORTS, EXPORTS, AND APPARENT CONSUMPTION  
OF CHROMITE FOR 1950, IN METRIC TONS

<u>Countries</u>	<u>Mine Production</u>	<u>Imports</u>	<u>Exports</u>	<u>Apparent Consumption</u>
<u>Free World</u>	<u>1,822,000</u>			<u>1,731,000</u>
<u>Far East</u>	<u>367,265</u>			<u>42,823</u>
Australia		3,772	--	3,772
Japan	31,953	7,098	--	39,051
New Caledonia	84,801	--	73,967	a/
Philippines	250,511	--	* 240,000	--
<u>Near and Middle East</u>	<u>444,834</u>			<u>a/</u>
Cyprus	24,042	--	18,441	--
Turkey	420,792	--	353,603	a/
<u>South Asia</u>	<u>32,807</u>			<u>11,583</u>
India	14,391	--	2,808	11,583
Pakistan	18,416	--	12,154	--
<u>Africa</u>	<u>795,367</u>			<u>* 25,000</u>
Sierra Leone	7,518	--	14,132	--
Southern Rhodesia	291,525	--	241,793	--
Union of South Africa	496,324	b/* 25,000	484,007	b/* 25,000
<u>Latin America</u>	<u>68,320</u>			<u>* 2,500</u>
Brazil	* 2,500	--	--	* 2,500
Cuba	65,820	--	105,159	--
<u>North America</u>	<u>367</u>			<u>1,289,483</u>
Canada	--	108,249	--	108,249
United States	367	1,182,702	1,854	1,181,234
<u>Western Europe</u>	<u>* 113,131</u>			<u>a/ 359,575</u>
France	--	d/ 14,398	--	d/ 14,398
Western Germany	--	73,956	--	73,956
Greece	12,631	--	9,510	--
Italy	--	e/ 6,279	--	e/ 6,279
Norway	--	52,462	--	52,462
Portugal	* 500	--	n.a.	* 250
Sweden	--	55,191	--	55,191
United Kingdom	--	107,576	--	107,576
Yugoslavia	* 100,000	--	* 51,590	* 5,000
Others	--	1,053	--	f/ 1,053

a/ Negligible

\*Estimated

b/ Metallurgical and refractory grade ores imported for consumption but data are not available, since figures for chrome ore imports are not given separately.

c/ Incomplete.

d/ Imports from Turkey and New Caledonia, only

e/ July 15 to December 13, only.

f/ Estimated actual consumption.

STOCKPILE POSITION OF CHROMITE  
IN METRIC TONS

	<u>In Inventory</u> <u>Dec. 31, 1951</u>	<u>Objective</u>
Chemical Grade	294,728	426,720
Metallurgical Grade	1,801,152	3,251,200
Refractory Grade	283,563	802,640

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~~SECURITY INFORMATION~~FREE WORLD PRODUCTION AND CONSUMPTION OF COBALT FOR 1950  
IN METRIC TONS OF METAL CONTENT

<u>Countries</u>	<u>Mine Production</u>	<u>Reported Consumption</u>
<u>Free World</u> . . . . .	<u>6,901</u> . . . . .	<u>6,600.8</u>
<u>Far East</u> . . . . .	<u>10</u> . . . . .	<u>294.6</u>
Australia . . . . .	10 . . . . .	42.7
Japan . . . . .	0 . . . . .	197
New Zealand . . . . .	0 . . . . .	54.9
<u>Near and Middle East</u> . . . . .	<u>0</u> . . . . .	<u>0.2</u>
Turkey . . . . .	0 . . . . .	0.2
<u>South Asia</u> . . . . .	<u>0</u> . . . . .	<u>72.0</u>
India . . . . .	0 . . . . .	72.0
<u>Africa</u> . . . . .	<u>6,203</u> . . . . .	<u>23.5</u>
Belgian Congo . . . . .	5,143 . . . . .	0
French Morocco . . . . .	390 . . . . .	0
Northern Rhodesia . . . . .	670 . . . . .	0
Southern Rhodesia . . . . .	0 . . . . .	1.0
Union of South Africa . . . . .	0 . . . . .	22.5
<u>Latin America</u> . . . . .	<u>0</u> . . . . .	<u>25.6</u>
Brazil . . . . .	0 . . . . .	22.0
Mexico . . . . .	0 . . . . .	3.2
Colombia . . . . .	0 . . . . .	0.4
<u>North America</u> . . . . .	<u>583</u> . . . . .	<u>3,876.4</u>
Canada . . . . .	284 . . . . .	119.1
United States . . . . .	299 . . . . .	3,757.3
<u>Western Europe</u> . . . . .	<u>100</u> . . . . .	<u>2,308.5</u>
Austria . . . . .	0 . . . . .	30.0
Belgium-Luxembourg . . . . .	0 . . . . .	38.8
Denmark . . . . .	0 . . . . .	20.0
France . . . . .	0 . . . . .	242.6
Western Germany . . . . .	(Est)100 . . . . .	511.0
Italy . . . . .	0 . . . . .	55.4
Netherlands . . . . .	0 . . . . .	160.2
Norway . . . . .	0 . . . . .	15.0
Spain . . . . .	Negligible . . . . .	7.0
Sweden . . . . .	Negligible . . . . .	148.0
Switzerland . . . . .	0 . . . . .	7.6
United Kingdom . . . . .	0 . . . . .	1,021.0
Yugoslavia . . . . .	0 . . . . .	1.9

STOCKPILE POSITION COBALT  
IN METRIC TONSIn Inventory  
Dec. 31, 1951  
8,039Objective  
32,205~~SECRET~~~~CONFIDENTIAL~~

S-E-C-R-E-T  
Security Information

FREE WORLD PRODUCTION, IMPORTS, EXPORTS, AND APPARENT CONSUMPTION OF GRAPHITE <sup>a/</sup>  
FOR 1950, IN METRIC TONS

<u>Countries</u>	<u>Production</u>	<u>Imports</u>	<u>Exports</u>	<u>Apparent Consumption</u>
<u>Free World</u>	<u>113,300</u>			<u>90,000</u>
<u>Far East</u>	* <u>23,951</u>			<u>9,539</u>
Australia	147	821	92	876
Hong Kong	--	1,192	995	b/
Japan	3,804	4,773	--	8,577
South Korea	* 20,000	--	* 20,000	--
New Zealand	--	* 86	--	* 86
<u>Near and Middle East</u>	<u>--</u>			<u>296</u>
Egypt	--	171	--	171
Turkey	--	125	--	125
<u>South Asia</u>	<u>14,149</u>			<u>1,786</u>
Ceylon	c/ 13,030	--	13,030	--
India	1,119	667	--	1,786
<u>Africa</u>	<u>15,711</u>			* <u>2,011</u>
Algeria	--	* 100	--	100
Madagascar	14,013	--	12,086	b/
Morocco, French	74	--	45	29
South West Africa	1,380	--	752	628
Tunisia	--	* 10	--	* 10
Union of South Africa	244	* 1,000	--	* 1,244
<u>Latin America</u>	<u>24,639</u>			<u>--</u>
Brazil	c/ 13	--	13	--
Mexico	24,626	--	25,718	--
<u>North America</u>	<u>7,881</u>			<u>43,469</u>
Canada	3,253	--	2,761	492
United States	4,628	39,616	1,267	42,977
<u>Western Europe</u>	<u>26,955</u>			<u>32,919</u>
Austria	14,685	223	9,799	5,109
Belgium-Luxem- bourg	--	1,817	63	1,754
Cyprus	--	2	--	2
Western Germany	* 6,200	3,742	4,153	* 5,789
Finland	--	* 250	--	* 250
France	--	3,375	442	2,933
Irish Republic	--	* 50	--	* 50
Italy	3,855	1,700	675	4,880
Norway	c/ 1,902	* 100	1,902	* 100
Portugal	--	211	--	211
Spain	313	17	3	327
Sweden	n.a.	* 500	n.a.	* 500
United Kingdom	--	11,014	--	11,014

a/ All grades; strategic grades come almost entirely from Ceylon and Madagascar.  
b/ Negligible  
\* Estimated

c/ Exports  
n.a. Not Available

STOCKPILE POSITION OF GRAPHITE  
IN METRIC TONS

	<u>In Inventory</u> <u>Dec. 31, 1951</u>	<u>Objective</u>
Amphorous Lump	3,156	3,357
Crucible Grade	3,942	13,608
Lubricant Flake	3,108	4,899

S E C R E T

**S E C R E T**  
**SECURITY INFORMATION**

FREE WORLD PRODUCTION, IMPORTS, EXPORTS, AND APPARENT CONSUMPTION OF  
IRON ORE FOR 1950, IN THOUSANDS OF METRIC TONS

<u>Countries</u>	<u>Production</u>	<u>Imports</u>	<u>Exports</u>	<u>Apparent Consumption</u>
<u>Free World</u>	<u>201,200</u>			<u>198,400</u>
<u>Far East</u>	<u>4,607</u>			<u>4,795</u>
Australia	2,403	17	n.s.	2,420
Hong Kong	169	—	*	169
Japan	a/ 910	1,461	b/	2,371
Malaya	507	—	529	b/
New Caledonia	15	—	8	5/
New Zealand	4	—	—	4
Philippines	599	—	*	599
<u>Near and Middle East</u>	<u>234</u>			<u>234</u>
Turkey	234	—	b/	234
<u>South Asia</u>	<u>3,005</u>			<u>3,005</u>
India	3,005	b/	b/	3,005
<u>Africa</u>	<u>6,941</u>			<u>1,246</u>
Algeria	2,573	—	2,566	b/
French Morocco	319	c/	314	b/
Sierra Leone	1,185	—	1,161	—
Southern Rhodesia	57	—	—	57
Spanish Morocco	860	—	953	—
Tunisia	758	b/	698	b/
Union of South Africa	1,189	—	—	1,189
<u>Latin America</u>	<u>5,538</u>			<u>1,418</u>
Argentina	* 40	—	—	* 40
Brazil	1,900	—	900	1,000
Chile	2,976	—	2,611	* 150
Cuba	12	—	29	—
Mexico	420	—	192	228
Venezuela	d/ 190	n.s.	n.s.	n.s.
<u>North America</u>	<u>102,890</u>			<u>109,406</u>
Canada (incl., Newfoundland)	3,271	2,804	2,045	4,030
United States	99,619	8,348	2,591	105,376
<u>Western Europe</u>	<u>77,941</u>			<u>79,316</u>
Austria	1,859	* 372	—	* 2,231
Belgium-Luxembourg	3,891	8,254	103	12,042
Western Germany	e/ 10,882	4,870	52	15,700
Finland	—	93	—	93
France	f/ 30,203	168	7,545	22,826
Greece	5	—	41	—
Italy	465	184	9	640
Netherlands	—	812	58	754
Norway	430	16	283	163
Spain	2,079	239	939	1,379
Sweden	13,927	b/	12,949	978
Switzerland	55	—	54	g/ 68
United Kingdom	13,145	8,548	1	21,692
Yugoslavia	1,000	—	* 250	* 750

a/ Includes iron sand production. b/ Negligible. c/ Less than 1,000 tons.  
d/ Production began in November 1950. e/ Exclusive of manganiferous iron ore carrying  
12 to 30 per cent manganese. f/ Including Moselle (Lorraine). g/ Where  
apparent consumption calculates to a negative figure, actual or estimated  
consumption data, whichever the case may be, have been inserted.

\* Estimated.

**S E C R E T**

S E C R E T  
SECURITY INFORMATION

FREE WORLD PRODUCTION AND CONSUMPTION OF LEAD FOR 1950  
(IN 1,000 METRIC TONS OF METAL CONTENT)

<u>Countries</u>	<u>Mine Production</u>	<u>Consumption</u>
<u>Free World</u> . . . . .	<u>1,473.2</u>	<u>1,600.5</u>
<u>Far East</u> . . . . .	<u>224.9</u>	<u>70.9</u>
Australia . . . . .	213.5	42.7
Japan . . . . .	10.5	24.6
New Zealand . . . . .	—	3.0
Philippines . . . . .	0.9	0.5
South Korea . . . . .	—	0.1
<u>Near and Middle East</u> . . . . .	<u>0.4</u>	<u>3.2</u>
Egypt . . . . .	—	1.5
Turkey . . . . .	0.4	1.4
Other and n.o.s. . . . .	—	0.3
<u>South Asia</u> . . . . .	<u>—</u>	<u>19.4</u>
India . . . . .	—	15.4
Pakistan . . . . .	—	4.0
<u>Africa</u> . . . . .	<u>115.1</u>	<u>14.5</u>
French Africa . . . . .	66.8	3.8
Northern Rhodesia . . . . .	14.0	—
Union of South Africa . . . . .	—	10.7
Other and n.e.s. . . . .	34.3	—
<u>Latin America</u> . . . . .	<u>359.8</u>	<u>80.5</u>
Argentina . . . . .	24.8	45.0
Bolivia . . . . .	27.0	—
Brazil . . . . .	3.5	24.9
Chile . . . . .	4.0	2.0
Mexico . . . . .	237.5	5.1
Peru . . . . .	63.0	2.0
Other and n.e.s. . . . .	—	1.5
<u>North America</u> . . . . .	<u>544.0</u>	<u>828.9</u>
Canada . . . . .	154.0	51.0
United States . . . . .	390.0	777.9
<u>Western Europe</u> . . . . .	<u>229.0</u>	<u>583.1</u>
Belgium-Luxembourg . . . . .	—	45.0
France . . . . .	11.0	80.8
Western Germany . . . . .	44.8	100.0
Italy . . . . .	37.8	55.5
Netherlands . . . . .	—	37.9
Norway . . . . .	1.0	6.6
Spain . . . . .	30.5	20.6
Sweden . . . . .	19.4	24.2
United Kingdom . . . . .	3.0	164.4
Yugoslavia . . . . .	72.0	4.0
Other and n.e.s. . . . .	9.5	44.1

STOCKPILE POSITION OF LEAD  
IN METRIC TONS

In Inventory  
Dec. 31, 1951

382,068

Objective

635,040

S E C R E T

S E C R E T  
SECURITY INFORMATION

FREE WORLD PRODUCTION, IMPORTS, EXPORTS, AND CONSUMPTION OF  
MANGANESE ORE FOR 1950, GROSS WEIGHT, IN METRIC TONS

<u>Countries</u>	<u>Mine Production</u>	<u>Imports</u>	<u>Exports</u>	<u>b/ Apparent Consumption</u>
<u>Free World</u>	<u>3,595,652</u>			<u>3,618,000 (rounded)</u>
<u>Far East</u>	<u>180,667</u>			<u>213,282</u>
Australia	11,639	a/	a/	a/
Japan	134,066	h/ 47,820	a/	181,886
Philippines	29,867	nil	a/	nil
Other Oceania	2,045			
<u>Near and Middle East</u>	<u>172,169</u>			<u>1,454</u>
Egypt c/	152,169	nil	n.a.	n.a.
Turkey	a/	nil	a/	a/
<u>South Asia</u>	<u>936,224</u>			<u>50,075</u>
Portuguese India	20,144	nil	a/	nil
India	916,080	nil	679,163 b/	f/ 50,000
Other and n.e.s.	nil	a/	a/	a/
<u>Africa (excl. Egypt)</u>	<u>1,816,666</u>			<u>44,000</u>
Angola	a/	nil	a/	nil
Belgian Congo	a/	nil	a/	nil
French Africa	287,265	nil	291,548	nil
Gold Coast	e/ 711,416	nil	711,416	nil
Union of South Africa	790,937	nil	710,046	e/ 44,000
Other and n.e.s.	a/	nil	a/	nil
<u>Latin America</u>	<u>303,732</u>			<u>28,500</u>
Argentina	a/	nil	a/	a/
Brazil	e/ 162,600	nil	e/ 162,600	a/
Chile	a/	nil	n.a.	a/
Cuba	79,209	nil	89,266	nil
Mexico	e/ 32,400	nil	35,824	f/ 15,000
<u>North America</u>	<u>127,188</u>			<u>2,074,670</u>
Canada	nil	123,102	nil	123,102
United States	g/ 127,188	1,832,510	8,130	1,951,568
<u>Western Europe</u>	<u>59,006</u>			<u>1,205,942</u>
Belgium-Luxembourg	nil	45,826	763	45,063
France	nil	h/ 340,552	2,942	337,610
Western Germany	a/	150,047	104	149,943
Italy	a/	a/	a/	a/
Netherlands	nil	a/	a/	a/
Norway	nil	162,176	nil	162,176
Spain	a/	n.a.	nil	a/
Sweden	e/ 10,000	28,782	a/	38,782
United Kingdom	nil	430,366	nil	410,366
Yugoslavia	a/	a/	a/	a/
Other and n.e.s.	nil	a/	nil	a/
Greece	a/	nil	a/	a/
Portugal	a/	nil	a/	nil

a/ Less than one per cent of Free World total. b/ Production plus imports are not necessarily equal to the sum of exports and apparent consumption due to changes in producers' inventories. c/ Approximately 30 per cent manganese. d/ Exports.  
e/ Estimate. f/ Where apparent consumption calculates to a negative figure, actual or estimated data have been included. g/ Shipments. h/ Including manganeseiferous iron ore. n.a. - not available.

STOCKPILE POSITION OF MANGANESE  
IN METRIC TONS

	<u>In Inventory Dec. 31, 1951</u>	<u>Objective</u>
Metallurgical Grade	2,271,821	5,080,000

S E C R E T



S E C R E T  
SECURITY INFORMATION

FREE WORLD PRODUCTION, IMPORTS, EXPORTS, AND APPARENT CONSUMPTION OF MICA <sup>a/</sup>  
FOR 1950, IN METRIC TONS

<u>Countries</u>	<u>Production</u>	<u>Imports</u>	<u>Exports</u>	<u>Apparent Consumption</u>
<u>Free World</u> <sup>b/</sup>	<u>87,200</u>			<u>87,800</u>
<u>Far East</u>	<u>761</u>			<u>1,480</u>
Australia	761	182	2	941
Hong Kong	---	6	1	<sup>c/</sup> ---
Japan	---	539	---	539
<u>Near and Middle East</u>	<u>---</u>			<u>3</u>
Egypt	---	1	---	1
Turkey	---	2	---	2
<u>South Asia</u>	<u>16,579</u>			<u>705</u>
India	16,579	---	15,874	705
<u>Africa</u>	<u>2,885</u>			<sup>d/</sup> <u>119</u>
Angola	24	---	n.a.	---
Kenya	6	---	n.a.	---
Madagascar	802	---	835	---
French Morocco	74	---	141	---
Mozambique	4	---	n.a.	---
Northern Rhodesia	2	---	2	---
Southern Rhodesia	407	---	522	---
South-West Africa	59	---	n.a.	---
Tanganyika	<sup>e/</sup> 136	---	136	---
Union of South Africa	1371	---	1,229	<sup>d/</sup> 119
<u>Latin America</u>	<u>1,135</u>			<u>---</u>
Argentina	<sup>e/</sup> 308	---	308	---
Brazil	<sup>e/</sup> 824	---	824	---
Uruguay	1	---	n.a.	---
<u>North America</u>	<u>64,818</u>			<u>79,311</u>
Canada	<sup>f/</sup> 1,634	---	896	738
United States	63,184	16,792	1,403	78,573
<u>Western Europe</u>	<u>953</u>			<u>6,184</u>
Austria	368	6	79	295
Belgium-Luxembourg	---	405	16	390
Western Germany	---	966	---	966
France	---	1,570	85	1,485
Italy	n.a.	508	---	508
Netherlands	---	255	6	249
Norway	<sup>e/</sup> 571	---	571	---
Spain	14	36	---	50
United Kingdom	---	2,241	---	2,241

<sup>a/</sup> All grades; strategic grades come primarily from India and Madagascar.

<sup>b/</sup> There may have been small quantities produced in Eritrea, Mexico, Peru, South Korea, Sweden, and Uganda, but data are not available or not separately recorded.

<sup>c/</sup> Negligible.      <sup>d/</sup> Local Sales      <sup>e/</sup> Exports      <sup>f/</sup> Sales

n.a. Not Available

STOCKPILE POSITION OF MICA  
IN METRIC TONS

	<u>In Inventory</u> <u>Dec. 31, 1951</u>	<u>Objective</u>
Muscovite Block	794	3,175
Muscovite Film	154	907
Muscovite Splittings	14,569	12,701
Phlogopite Splittings	813	726

S E C R E T

S-E-C-R-E-T  
Security Information

FREE WORLD PRODUCTION AND CONSUMPTION OF NICKEL FOR 1950  
IN METRIC TONS OF METAL CONTENT

<u>Countries</u>	<u>Mine Production</u>	<u>Consumption</u>
Free World . . . . .	119,613	123,364.1
<u>Far East</u> . . . . .	<u>6,300</u>	<u>2,844</u>
Australia . . . . .	0	894
Japan . . . . .	0	1,938
New Zealand . . . . .	0	12
New Caledonia . . . . .	6,300	0
<u>Near and Middle East</u> . . . . .	<u>0</u>	<u>13</u>
Turkey . . . . .	0	13
<u>South Asia</u> . . . . .	<u>0</u>	<u>427.8</u>
India . . . . .	0	426
Pakistan . . . . .	0	1.8
<u>Africa</u> . . . . .	<u>843</u>	<u>80.3</u>
Southern Rhodesia . . . . .	0	3.3
Union of South Africa . . . . .	843	77
<u>Latin America</u> . . . . .	<u>7</u>	<u>360</u>
Brazil . . . . .	(Est. 7)	263
Colombia . . . . .	0	34
Mexico . . . . .	0	60
Uruguay . . . . .	0	3
<u>North America</u> . . . . .	<u>112,463</u>	<u>84,396</u>
Canada . . . . .	111,635	2,396
United States . . . . .	828	82,000
<u>Western Europe</u> . . . . .	<u>0</u>	<u>35,243</u>
Austria . . . . .	0	1,216
Belgium-Luxembourg . . . . .	0	405
Denmark . . . . .	0	102
Finland . . . . .	0	207
France . . . . .	0	4,054
Western Germany . . . . .	0	6,710
Greece . . . . .	0	31
Italy . . . . .	0	1,042
Netherlands . . . . .	0	337
Norway . . . . .	0	260
Portugal . . . . .	0	34
Spain . . . . .	0	13
Sweden . . . . .	0	3,807
Switzerland . . . . .	0	613
United Kingdom . . . . .	0	16,386
Yugoslavia . . . . .	0	26

- a/ Figures for first nine months of 1950.  
b/ Figures for first six months of 1950.  
c/ Apparently includes materials other than primary nickel, oxides, and salts.

STOCKPILE POSITION OF NICKEL  
IN METRIC TONS

In Inventory  
Dec 31, 1951  
46,638

Objective  
263,086

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Security Information

FREE WORLD PRODUCTION IMPORTS, EXPORTS, AND APPARENT CONSUMPTION OF RUTILE FOR 1950.  
IN METRIC TONS

<u>Countries</u>	<u>Production</u>	<u>Imports a/</u>	<u>Exports</u>	<u>Apparent Consumption</u>
<u>Free World</u>	<u>25,600</u>			<u>17,540</u>
<u>Far East</u>	<u>18,606</u>			<u>762</u>
Australia	18,606	-	16,119	762
<u>South Asia</u>	<u>37</u>	-	n.a.	<u>b/</u>
India	37	-		b/
<u>Africa</u>	<u>31</u>			
French Cameroon	25	-	n.a.	-
French Ecuatorial Africa	6	-	n.a.	-
<u>Latin America</u>	<u>5</u>			<u>* 16</u>
Brazil	5			* 16
<u>North America</u>	<u>6,836</u>			<u>c/9,860</u>
United States	6,836	3,109	* 80	c/9,860
<u>Western Europe</u>	<u>32</u>			<u>6,918</u>
Norway	32		* 30	* 60
United Kingdom	--	6,858	--	6,858

a/ Imports do not balance exports because of the failure of importing countries to report. Australia's export statistic indicates that Western European countries, other than those indicated, are relatively heavy importers of rutile.

b/ Negligible.

c/ Actual consumption.

\* Estimated.

n.a. not available.

Note: Except for surplus stocks transferred, rutile is not stockpiled.

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Security Information

Free World Production and Consumption of Tin for  
1950 in Metric Tons of Metal Content

<u>Countries</u>	<u>Mine Production</u>	<u>Apparent Consumption</u>
<u>Free World</u> . . . . .	<u>166,000</u>	<u>146,000</u>
<u>Far East</u> . . . . .	<u>105,600</u>	<u>5,950</u>
Australia . . . . .	1,850	2,280
Burma . . . . .	1,700	nil
Indonesia . . . . .	32,600	a/
Japan . . . . .	a/	2,750
Malaya . . . . .	58,450	a/
Thailand . . . . .	10,500	--
Other and n.e.s. . . . .	500	920
<u>Near and Middle East</u> . . . . .	<u>--</u>	<u>2,250</u>
Other and n.e.s. . . . .	--	2,250
<u>South Asia</u> . . . . .	<u>--</u>	<u>5,100</u>
India . . . . .	--	4,800
Other and n.e.s. . . . .	--	300
<u>Africa</u> . . . . .	<u>24,500</u>	<u>2,100</u>
Belgian Congo . . . . .	14,800	--
Nigeria . . . . .	8,400	a/
Union of South Africa . . . . .	a/	1,650
Other and n.e.s. . . . .	1,300	450
<u>Latin America</u> . . . . .	<u>32,800</u>	<u>3,700</u>
Bolivia . . . . .	31,700	--
Brazil . . . . .	a/	1,570
Other and n.e.s. . . . .	1,100	2,130
<u>North America (excl. Latin American countries)</u> . . . . .	<u>400</u>	<u>77,400</u>
Canada . . . . .	a/	4,500
United States . . . . .	a/	72,900
Other and n.e.s. . . . .	400	--
<u>Western Europe</u> . . . . .	<u>2,700</u>	<u>49,500</u>
Belgium-Luxembourg . . . . .	--	1,400
France . . . . .	a/	7,500
Western Germany . . . . .	a/	5,500
Italy . . . . .	a/	3,000
Netherlands . . . . .	a/	3,100
United Kingdom . . . . .	a/	23,600
Other and n.e.s. . . . .	2,700	5,400

a/ Less than 1 percent of Free World Total.

STOCKPILE POSITION OF TIN  
IN METRIC TONS.In Inventory  
Dec 31, 1951  
147,925Objective  
248,920~~SECRET~~

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Security InformationFREE WORLD PRODUCTION AND CONSUMPTION OF TUNGSTEN ORE AND  
CONCENTRATES (W CONTENT) FOR 1950, IN METRIC TONS

Countries	Mine a/ Production	Consumption b/
<u>Free World</u> . . . . .	<u>8,576</u>	<u>9,501</u>
<u>Far East</u> . . . . .	<u>2,376</u>	<u>231</u>
Australia . . . . .	577	31
Burma . . . . .	300	0
Japan . . . . .	30	200
Malaya . . . . .	13	0
New Zealand . . . . .	11	0
South Korea . . . . .	1,040	0
Thailand . . . . .	405	0
<u>Near and Middle East</u> . . . . .	<u>15</u>	<u>0</u>
Egypt . . . . .	* 15	0
<u>South Asia</u> . . . . .	<u>0</u>	<u>0</u>
<u>Africa (excl. Egypt)</u> . . . . .	<u>271</u>	<u>0</u>
Belgian Congo . . . . .	78	0
Nigeria . . . . .	2	0
Southern Rhodesia . . . . .	30	0
Union of South Africa . . . . .	46	0
Uganda . . . . .	103	0
Other . . . . .	12	0
<u>Latin America</u> . . . . .	<u>1,822</u>	<u>0</u>
Argentina . . . . .	* 100	0
Bolivia . . . . .	1,180	0
Brazil . . . . .	325	0
Mexico . . . . .	32	0
Peru . . . . .	185	0
<u>North America</u> . . . . .	<u>1,833</u>	<u>2,894</u>
Canada . . . . .	1	50
United States . . . . .	1,832	2,844
<u>Western Europe</u> . . . . .	<u>2,259</u>	<u>6,376</u>
France . . . . .	217	919
Western Germany . . . . .	nil	1,436
Portugal . . . . .	1,380	0
Italy . . . . .	1	* 50
Netherlands . . . . .	nil	* 24
Spain . . . . .	419	62
Sweden . . . . .	212	1,155
United Kingdom . . . . .	30	2,730

\* Estimated.

a/ 1950, is a poor year for a tungsten report. An estimated 3,000 metric tons of production from China was available to some extent, not included in this chart and production from many marginal mines had ceased in other areas, including the United States. During the first six months United States consumption was low, and tungsten was added to the stockpile. During the last six months there was a great demand for tungsten, and by the end of the year the need for international agreement on distribution of the supply led to the formation of IMC.

b/ Production and consumption data from IMC and U. S. Bureau of Mines.

STOCKPILE POSITION OF TUNGSTEN  
IN METRIC TONS OF METAL CONTENT

Inventory
Dec 31, 1951
20,433

Objective
66,225

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Security InformationFREE WORLD PRODUCTION AND APPARENT CONSUMPTION  
OF ZINC FOR 1950, IN METRIC TONS

Countries	Mine Production (Metal Content)	Apparent Consumption (Refined Zinc)
<u>Free World</u> . . . . .	<u>1,902,000</u> . . . . .	<u>1,716,630</u>
<u>Far East</u> . . . . .	<u>248,392</u> . . . . .	<u>86,154</u>
Australia . . . . .	196,360 . . . . .	37,146
Indochina . . . . .	---	a/
Japan . . . . .	52,032 . . . . .	49,008
<u>Near and Middle East</u> . . . . .	<u>60</u> . . . . .	<u>---</u>
Turkey . . . . .	* 60 . . . . .	---
<u>SOUTH ASIA</u> . . . . .	<u>---</u> . . . . .	<u>30,775</u>
India . . . . .	---	30,775
<u>Africa</u> . . . . .	<u>148,676</u> . . . . .	<u>* 9,000</u>
Algeria . . . . .	7,136 . . . . .	---
Belgian Congo . . . . .	76,312 . . . . .	---
French Morocco . . . . .	12,521 . . . . .	---
Northern Rhodesia . . . . .	38,275 . . . . .	a/
South-West Africa . . . . .	11,500 . . . . .	---
Tunisia . . . . .	2,932 . . . . .	---
Union of South Africa . . . . .	---	* 9,000
<u>Latin America</u> . . . . .	<u>329,611</u> . . . . .	<u>* 24,076</u>
Argentina . . . . .	12,699 . . . . .	17,530
Bolivia . . . . .	19,570 . . . . .	---
Chile . . . . .	---	1,474
Mexico . . . . .	223,530 . . . . .	5,072
Peru . . . . .	73,812 . . . . .	a/
<u>North America</u> . . . . .	<u>849,084</u> . . . . .	<u>947,036</u>
Canada (including Newfoundland) . . . . .	283,571 . . . . .	53,689
United States . . . . .	565,513 . . . . .	b/894,347
<u>Western Europe</u> . . . . .	<u>326,133</u> . . . . .	<u>619,589</u>
Austria . . . . .	2,970 . . . . .	6,049
Belgium-Luxembourg . . . . .	---	60,388
Denmark . . . . .	---	5,633
Western Germany . . . . .	69,298 . . . . .	107,925
Finland . . . . .	* 1,800 . . . . .	4,320
France . . . . .	12,419 . . . . .	95,959
Greece . . . . .	3,184 . . . . .	873
Italy . . . . .	85,348 . . . . .	33,547
Netherlands . . . . .	---	20,474
Norway . . . . .	6,900 . . . . .	10,852
Spain . . . . .	* 64,000 . . . . .	21,264
Sweden . . . . .	36,714 . . . . .	20,002
Switzerland . . . . .	---	7,410
United Kingdom . . . . .	---	b/215,608
Yugoslavia . . . . .	* 43,500 . . . . .	9,285

a/ Negligible. b/ Actual Consumption - 240,695 - U.K. and 877,365 - U.S.  
\* Estimate.

STOCKPILE POSITION OF ZINC  
IN METRIC TONS

In Inventory  
Dec 31, 1951  
550,169

Objective  
671,324

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