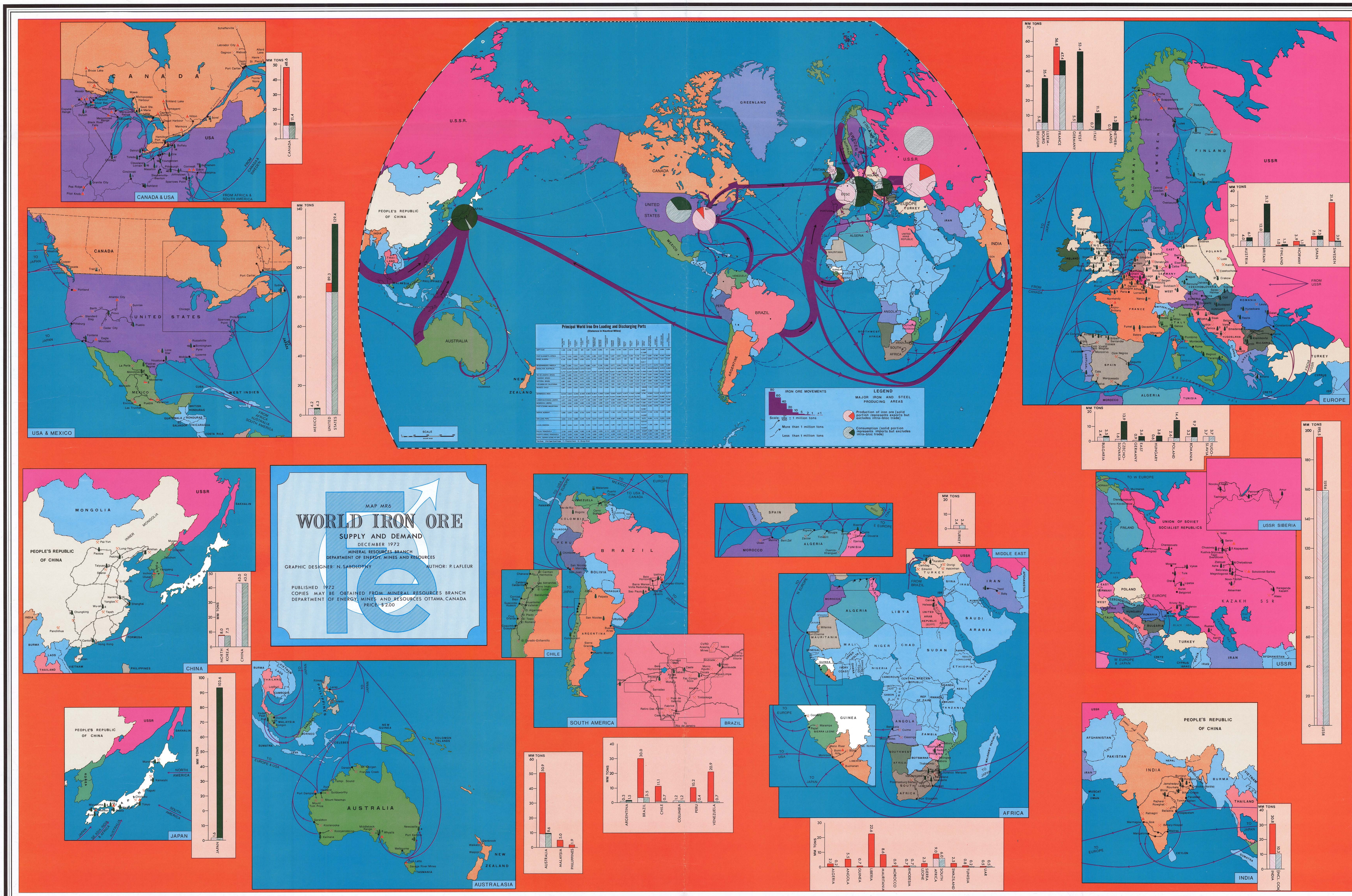

WORLD IRON ORE SUPPLY AND DEMAND, 1970
('000 metric tons)

	Production (1) 1960	Production (1) 1970	Imports 1960	Imports 1970	Exports 1960	Exports 1970	Apparent Consumption (2) 1960	Apparent Consumption (2) 1970	North America: Canada	North America: U.S.A.	ECSC: Belgium-Luxembourg	ECSC: France	ECSC: West Germany	ECSC: Italy	ECSC: Netherlands	ECSC Total	Other Western Europe: Austria	Britain	Spain	Other	Eastern Europe: Czechoslovakia	East Germany	Hungary	Poland	Yugoslavia, Bulgaria, Romania	Eastern Europe Total	Japan	Other Countries or Unallocated (3)
North America																												
Canada	19,551	48,563	4,683	2,160	17,214	39,347	7,020	11,376	—	24,224	554	300	3,672(4)	1,628	1,520(5)	7,674	—	4,997(6)	131	86(7)	—	—	—	—	—	—	2,229	6(8)
Mexico	939	4,180	—	153(9)	155	38	783	4,295	—	38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
United States	90,209	89,301	34,814	45,596	5,320	5,501	119,703	129,396	2,006	—	127	—	35	—	1	163	—	—	75	—	—	—	—	—	—	—	3,257	—
Total	110,699	142,044	39,497	47,909	22,689	44,886	127,506	145,067	2,006	24,262	681	300	3,707	1,628	1,521	7,837	—	4,997(6)	206	86(7)	—	—	—	—	—	—	5,486	6(8)
South America																												
Argentina	137	300	—	1,215(10)	—	—	137	1,515	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	9,345	30,000e	—	—	5,161	26,498	4,184	3,502	146	2,023	1,653	2,195	6,366	1,146	299	11,659	1,589	1,222	1,217	18(11)	250	21	—	319	99(12)	689	6,779	1,156(13)
Chile	4,689	11,050	—	—	5,191	10,354	-502	696	—	1,606	—	58	489	—	—	547	—	—	—	—	—	—	—	—	—	—	7,986	215(14)
Colombia	655	1,200	—	—	—	—	655	1,200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peru	6,990	10,177	—	—	5,193	9,792	1,797	385	—	1,350	—	307	220	162	—	689	—	—	—	—	—	—	—	—	—	—	7,753	—
Venezuela	19,490	20,856	—	—	19,580	20,142	-90	714	—	13,235	808	104	3,010	1,112	—	5,034	—	1,672	—	—	99	—	—	—	—	99	92	10(15)
Total	41,306	73,583	—	1,215(10)	35,125	66,786	6,182	8,012	146	18,214	2,461	2,664	10,085	2,420	299	17,929	1,589	2,894	1,217	18(11)	349	21	—	319	99(12)	788	22,610	1,381
ECSC																												
Belgium-Luxembourg	7,137	5,816	20,761	29,588	128	36	27,770	35,368	—	—	—	20	15	—	—	35	—	—	—	—	—	—	—	—	—	—	—	1
France	66,965	56,801	1,449	9,692	27,155	19,081	41,259	47,412	—	—	13,937	—	5,144	—	—	19,081	—	—	—	—	—	—	—	—	—	—	—	—
West Germany	18,869	5,531	33,252	47,858	244	27	31,877	53,362	—	—	18	4	—	—	—	22	2	3	—	—	—	—	—	—	—	—	—	—
Italy	1,245	730	2,787	10,818	7	—	4,025	11,548	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	2,159	5,416	—	100	2,159	5,316	—	—	14	—	2	—	—	16	—	—(16)	—	—	—	—	—	—	—	—	—	84
Total	94,216	68,878	60,408	103,372	27,534	19,244	127,090	153,006	—	—	13,969	24	5,161	—	—	19,154	2	3	—	—	—	—	—	—	—	—	—	85
Other Western Europe																												
Austria	3,542	3,997	1,545	2,112	20	1	5,067	6,108	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Britain	17,362	12,014	17,720	19,220	—	—	35,082	31,234	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	26	—	3	—	20	—	9	—	1	—	—	14	—	1	15	—	2	—	—	—	—	—	—	—	—	—	2
Finland	273	1,029	137	748	288	229	123	1,548	—	—	—	—	141	—	—	141	—	8	—	—	—	—	—	—	—	—	—	80
Greece	300	10	—	552	307	—	-7	562	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Norway	1,692	3,920	10	101	1,192	2,964	510	1,057	—	50	—	12	1,658	—	453	2,123	—	791e(17)	—	—	—	—	—	—	—	—	—	—
Portugal	302	126(18)	—	195	238	—	64	321	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spain	5,638	6,980	—	2,352	2,556	2,009	3,082	7,323	—	—	81	455	885	—	—	1,421	—	588	—	—	—	—	—	—	—	—	—	—
Sweden	21,312	31,774	4	135	19,717	27,972	1,599	3,937	—	175	8,492	1,438	11,493	233	609	22,265	73	3,301e(19)	71	644e(20)	300e	—	—	693e	—	993e	450	—
Switzerland	127	10	9	35	123	5	13	40	—	—	—	—	5	—	—	5	—	—	—	—	—	—	—	—	—	—	—	—
Total	50,548	59,886	19,426	25,453	24,441	33,200	45,533	52,139	—	226	8,573	1,905	14,196	233	1,063	25,970	73	4,690	71	644e(20)	300e	—	—	693e	—	993e	450	83
Eastern Europe																												
Bulgaria	406e	2,407	—	1,069	—	—	406e	3,476	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Czechoslovakia	3,120	1,569	6,629	12,376	—	55	9,749	13,890	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	55
East Germany	1,643	900	2,157	2,748	—	—	3,801	3,648	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hungary	516	629	1,822	3,150	—	—	2,338	3,779	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poland	2,182	2,553	6,727	11,846	72	—	8,837	14,399	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Romania	1,460	3,206	1,073	6,454	—	—	2,533	9,660	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yugoslavia	2,200	3,694	130	212(21)	90	179	2,239	3,727	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	179
Total	11,527	14,958	18,538	37,855	162	234	29,903	52,579	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	234
U.S.S.R.	106,017	195,506	—	—	15,182	35,860	90,835	159,646	—	—	23	—	303	855	—	1,181	351	1,390	—	—	10,820	2,687	3,030	9,894	5,274(22)	31,705	1,233	—
Asia																												
China	54,968e	43,000(23)	—	—	131	—	54,837	43,000e(23)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hong Kong	117	163	—	—	124	163	-7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	163	—
India (incl. Goa)	16,539	30,780	—	—	9,144	20,503	7,395	10,277	—	—	306	72	368	16	—	762	—	41	119	—	720	40	120	380	1,792(24)	3,052	16,449	80(25)
North Korea	3,108	8,000	—	—	—	535	3,108	7,465	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	535	—
South Korea	392	600	—	—	234	514	159	86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	514	—
Japan	2,854	1,573	15,207	101,997	—	—	18,061	103,570	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	5,732	5,000	—	—	5,588	4,906	143	94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4,906	—
Philippines	1,139	1,879	—	—	1,150	1,879	-11	—	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,872	—
Thailand	—	51	—	—	—	51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	51	—
Turkey	735	2,350	—	41(26)	221	—	513	2,391	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	85,584	93,396	15,207	102,038	16,592	28,551	84,199	166,883	—	7	306	72	368	16	—	762	—	41	119	—	720	40	120	380	1,792(24)	3,052	24,490	80(25)
Africa																												
Algeria	3,438	2,128	—	—	3,573	1,928	-135	200	—	—	300e	—	—	473e	—	737e	—	61	—	—	—	—	—	560e	570e(27)	1,130	—	—
Angola	659	5,476	—	—	546	5,476	113	—	—	—	93	352	1,998	—	—	2,443	27	525	122	172(28)	—	—	—	—	—	—	2,164	23(29)
Guinea	776	700e	—	—	726	700e	50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	700e
Liberia	3,051	22,576	—	—	2,963	22,576	88	—	—	1,903	1,479	1,617	8,191	2,817	1,581	15,685	—	2,046	86	71(30)	—	—	—	—	—	—	2,388	397
Mauritania	—	8,551	—	—	—	8,551	—	—	—	73	1,129	1,951	1,216	1,132	46	5,474	70	1,704	480	35(31)	—	—	—	—	—	—	715	—
Morocco	1,576	876	—	—	811	876	765	—	—	—	60	—	467	—	—	527	—	111	51	—	187	—	—	—	—	187	—	—
Rhodesia	—	700e	—	—	—	—	—	700e	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sierra Leone	1,470	2,274	—	—	1,566	2,274	-96	—	—	—	—	10	510	—	693	1,213	—	122	—	—	—	—	—	—	—	—	939	—
South Africa	3,072	8,960	—	—	474	2,930	2,597	6,030	—	—	—	33	359	—	40	432	—	—	—	—	—	—	—	—	—	—	2,498	—
Swaziland	—	2,549	—	—	—	2,549	—	—	—	—	1	—	228	—	—	229	—	—	—	—	—	—	—	—	—	—	2,320	—
Tunisia	1,033	802	—	—	1,056	565	23	237	—	—	—	—	59	466	—	525	—	38	—	—	—	—	—	—	—	—	—	2(32)
U.A.R.	249	461	—	—	—	—	249	461	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	15,324	56,053	—	—	11,715	48,425	3,609	7,628	—	1,976	3,062	3,963	13,028	4,852	2,360	27,265	97	4,607	739	278	187	—	—	560e	570e(27)	1,317	11,024	1,122
Oceania																												
Australia	4,425	50,900e	287	102	—	41,379	4,711	9,623				756	1,010	765	173	3,217	—	598	—	—	—	—	—	—	—	—	36,577	331
New Zealand	—	88	—	—	—	53	—	35	8	648	513	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	53	—
Total	4,425	48,268	287	102	—	41,432	4,711	6,938	—	—	—	756	1,010	765	173	3,217	—	598	—	—	—	—	—	—	—	—	36,630	331
									8	648	513																	
Unallocated (33)	904	600e(34)	567	1,068	490	394	981	1,274	—	263(35)	—	8	—	49	—	57	—	—	—	—	—	—	—	—	—	—	74	—
Grand Total (33)	520,550	755,892	153,930	319,012	153,930	319,012	520,550	755,892	2,160	45,596	29,588	9,692	47,858	10,818	5,416	103,372	2,112	19,220	2,352	1,026	12,376	2,748	3,150	11,846	7,735(36)	37,855	101,997	3,322

Sources: 1960: Map MR2 — Iron Ore Trade, Canada and the World, Mineral Resources Division, 1963; 1970: UN, EEC, OECD, various government sources and others.
eEstimated; — Nil or unavailable.
(1) In 1960, uncertain whether mine production or actual shipments; in 1970, actual shipments as opposed to mine production.
(2) In 1960, production plus imports less exports neglecting changes in stocks (at mines, loading and unloading ports, and iron and steel plants) and transit losses. For several less-developed countries the indicated consumption represents changes in mine stocks. In 1970, shipments plus imports less exports neglecting changes in stocks (at unloading ports excluding transshipment points, and at iron and steel plants). For many less-developed countries, shipments equal exports and the indicated consumption is therefore zero. (3) Unallocated category represents mainly the differences between exports and imports reported by the respective countries. These could arise from: differences in reportage of pyrite residues, iron sands and byproduct ores; transit losses; shipments in transit at year-end not having reached destination; ore in storage at transshipment points not having yet reached their final destination. (4) Including an estimated 1,638,000 tons transshipped from the Netherlands. (5) Excluding an estimated 1,638,000 tons transshipped to West Germany. (6) Including transshipments from the Netherlands. (7) To Finland. (8) To Bahamas. (9) From Brazil. (10) Comprised of 977,000 tons from Brazil, 215,000 tons from Chile and 23,000 tons from Angola. (11) To Finland. (12) To Romania. (13) Comprised of 977,000 tons to Argentina, 153,000 tons to Mexico and 26,000 tons to Turkey. (14) To Argentina. (15) To Puerto Rico. (16) Excluding transshipments from the Netherlands. (17) Excluding an estimated 1,811,000 tons shipped through Narvik, Norway, from Sweden. (18) Including 53,000 tons of manganiferous iron ore. (19) Including an estimated 1,811,000 tons shipped through Narvik, Norway, from Sweden. (20) To Finland. (21) From India. (22) Comprising 4,245,000 tons to Romania and 1,029,000 tons to Bulgaria. (23) Estimated from the production of 19 million tons of steel. (24) Comprising 1,540,000 tons to Romania, 212,000 tons to Yugoslavia and 40,000 tons to Bulgaria. (25) Comprising 60,000 tons to Taiwan, and 10,000 tons each to Kenya and Iraq. (26) Including 26,000 tons from Brazil. (27) To Romania. (28) To Portugal. (29) To Argentina. (30) To Sweden. (31) To Switzerland. (32) To Libya. (33) Data for Unallocated and Grand Totals on trade and consumption have been brought into arithmetic balance. (34) Including minor production by Albania, Cuba, Guatemala, Iran (44,000 tons estimated), New Caledonia (102,000 tons estimated), North Vietnam and Uruguay (50,000 tons estimated). (35) Including 104,000 tons from Libya, 50,000 tons from Uruguay and 30,000 tons from Nigeria. (36) Comprising 6,454,000 tons to Romania, 1,069,000 tons to Bulgaria and 212,000 tons to Yugoslavia.

LEGEND

Note: A number beside a symbol indicates the number of operations of that type in that area.

- Iron Ore Mining Operations or Area
- Iron Ore Pellet Plant
- Metallizing Plant
- Iron Ore Smelter (Blast Furnace)
- Iron Ore Smelter (Electric Furnace)
- Principal Port or City
- Railway
- International Boundary
- Flow Line
- Production (Solid portion represents exports)
- Consumption (Solid portion represents imports)
- MM Millions of metric tons

WORLD ASBESTOS
MR-6
World Iron Ore Supply and Demand.
Map MR 6
1972
G 3401 .H2 1958- C3 c.2 OMMC
GSC/CGC OTTAWA
00G 02776144
RECEIVED
MAY 1973
GSC LIBRARY
This document was produced by scanning the original publication.
Ce document est le produit d'une numérisation par balayage de la publication originale.