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du minerai de fer
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EXAMEN DES STATISTIQUES DU MINERAI DE FER

Statistiques du minerai de fer 1987-1994

Établies par le secrétariat de la CNUCED

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INTRODUCTION

1. Le présent document est publié dans le cadre du programme statistique de la CNUCED sur les minéraux et les métaux. Il contient des renseignements, actualisés dans toute la mesure possible, portant sur la période 1987-1994. Il comprend 29 tableaux et a la même présentation que le document précédent. Afin de faciliter la compréhension et la lecture des statistiques, des définitions et des notes de bas de page y ont été ajoutées.
2. Dans l'intention d'améliorer la qualité de cette publication, le secrétariat de la CNUCED a introduit deux nouveaux tableaux: (i) un tableau récapitulatif sur la production, la consommation, les exportations et les importations du minerai de fer; et (ii) un tableau concernant les données d'exportations de morceaux disponibles au secrétariat de la CNUCED pour l'année 1993 et 1994.
3. Les améliorations apportées dans le présent document tiennent compte des suggestions formulées par le Groupe intergouvernemental d'experts du minerai de fer lors de l'examen des questions statistiques à ses sessions précédentes.
4. Pour établir les présentes statistiques sur le minerai de fer, on s'est fondé essentiellement sur les réponses fournies au questionnaire révisé de la CNUCED sur le minerai de fer. Ce questionnaire a été envoyé à tous les Etats membres de la CNUCED et à la Commission de l'Union Européenne le 11 janvier 1994. Au 15 juillet 1995, 30 pays, outre la Commission, y avaient répondu. On trouvera un résumé de leurs réponses dans l'annexe.
5. Les données relatives aux pays qui n'ont pas répondu au questionnaire ont été établies à partir de statistiques fournies par la Banque de données de la CNUCED, qui rassemble des renseignements sur la production et le commerce de plusieurs produits de base, et à partir d'informations communiquées directement par les gouvernements au Bureau de statistiques des Nations Unies sous la forme de bandes magnétiques ou de publications statistiques nationales. Pour compléter ces données, on s'est servi de publications d'autres organisations internationales.
6. On s'est efforcé, dans toute la mesure possible, de mettre en tableau des statistiques comparables sur la base de critères et de définitions uniformes communément acceptées. Toutefois, des progrès restent à faire dans ce domaine. L'utilisation régulière et généralisée du questionnaire de la CNUCED s'est révélée très utile et demeure un bon moyen d'atteindre le but recherché.
7. Un des principaux objectifs du secrétariat de la CNUCED est d'établir des statistiques portant sur le monde entier; toutefois, certains tableaux présentent des données établies exclusivement à partir des réponses au questionnaire et ne sont donc pas complets.
8. Pour des raisons techniques, les tableaux sont présentés en anglais seulement.

NOTES EXPLICATIVES ET DEFINITIONS

1. Les signes suivants ont été employés pour tous les tableaux:
 - (a) Le signe "#" indique que les chiffres ont été communiqués par les gouvernements (questionnaires).
 - (b) Le tiret "-" indique que le montant est nul ou négligeable.
 - (c) Les deux points ".." indiquent que les chiffres ne sont pas connus.
 - (d) La lettre "E" indique que les chiffres sont des estimations faites par le secrétariat de la CNUCED quand les gouvernements n'avaient pas communiqué de données et quand les publications officielles nationales ne fournissaient pas de renseignements.
 - (e) Le terme "tonnes" s'entend de la tonne métrique.
 - (f) Le terme "dollars" s'entend du dollar des Etats-Unis.

2. La réunification de l'Allemagne, le 3 octobre 1990, a agrandi le territoire de la Communauté économique européenne, ce qui rend la comparaison difficile avec les statistiques des années précédentes. Dans le présent rapport, les statistiques pour la période 1991-1994 relatives à l'Allemagne concernent le territoire unifié.

3. Afin de faciliter l'analyse des statistiques, le présent rapport donne les chiffres de 1991 à 1994 relatifs à l'ex-URSS; toutefois, depuis le 26 décembre 1991, le nom de Fédération de Russie remplace celui d'Union des Républiques socialistes soviétiques dans le Système des Nations Unies. Le secrétariat de la CNUCED a reçu quelques statistiques du Kazakhstan, de la Lettonie, de la république Moldave, de la Fédération de Russie et d'Ukraine, mais ces données sont présentées uniquement pour information et ne figurent pas dans les totaux.

4. Etant donné l'adhésion de l'Afrique du Sud au Groupe des 77 en 1994, ce pays apparaît dans ce document dans le groupement des pays africains en voie de développement.

5. A partir de 1993, les données relatives à l'ex-Tchécoslovaquie sont fournies séparément pour la République Tchèque et la Slovaquie.

6. Afin de faciliter l'analyse des statistiques, les données concernant la Chine sont présentées séparément.

7. Le Groupe intergouvernemental d'experts du minerai de fer a constaté que le *Système harmonisé de désignation et de codification des marchandises* était entré en application dans un grand nombre de pays et qu'il existait une corrélation étroite entre ce système et la *Classification type pour le commerce international* (CTCI) de l'ONU. Le tableau, ci-dessous, indique les concordances entre les cinq codes actuellement utilisés pour les statistiques sur le commerce international: la *Classification type pour le commerce international* (CTCI, Rev. 1) et les versions révisées de la *Classification type pour le commerce international* (CTCI, Rev.2 et Rev.3), la *Nomenclature du conseil de coopération douanière*, (NCCD) et le *Système harmonisé de désignation des marchandises*, (SH).

Produits	CITC Rev. 1	CITC Rev.2	CITC Rev.3	NCCD	SH
Minerais de fer et leurs concentrés Non-agglomérés	2813	2815	2815	2601B	260111
Aggloméré (agglomérés, boulettes, briquettes)	2813	2816	2816	2601C	260112
Fonte brute en gueuses, saumons ou autres formes primaires	6712	6712	6712	7301	720110
Eponge de fer ou produits ferreux obtenus par réduction directe des minerais de fer (RDF)	67133	67133	677133	7305B	720310
Ferrailles, ou déchets et débris de fonte (ferrailles de commerce)	2820	28201	2821	7303A	720410

DEFINITIONS

Poids	Naturel: état naturel d'extraction.
Année	Statistiques présentées pour <i>l'année civile</i> allant du 1er janvier au 31 décembre.
Production	Minerais, concentrés, produits non agglomérés et agglomérés, s'agissant de produits commercialisables seulement.
Commerce	Quantités de minerai de fer échangées par type de produits, exprimées en poids naturel et en teneur en Fe . Valeur des exportations : valeur f.o.b. , Valeur des importations : valeur c.a.f.
Tout-venant	Minerai de fer commercialisable non préparé, contenant plus de 20 % de fines.
Morceaux	Minerai commercialisable non enrichi, normalement au crible de 10 à 30 min. contenant normalement moins de 20 % de fines.
Fines	Petites particules de minerai commercialisable nécessitant normalement un travail d'agglomération (sinterisation ou bouletage). Calibre normalement inférieur à 10 mm.
Concentrés	Minerai commercialisable traité dans des installations de concentration permettant d'en conserver les éléments valables et d'en écarter ceux qui ne présentent aucun intérêt commercial.
Fines pour bouletage	Fines de minerai de fer destinées à la fabrication de boulettes. Normalement d'une granulométrie très fine, inférieur à 0,1 mm.
Boulettes	Fines de minerai de fer agglomérées en boules grossières d'un diamètre courant de 10 mm.
Sinter	Agglomération de fines de minerai naturel, de concentrés de minerai, d'escarbilles de hauts fourneaux et autres matériaux contenant du fer.
Ferrailles	Ferraille riche en Fe utilisée par l'industrie sidérurgique.
Fonte	Fer primaire produit à partir du minerai de fer en haut fourneau.
Eponge de fer ou fer de réduction directe	Fer primaire produit par réduction directe sans dépassement de la température de fusion.
Acier brut	Mesuré au premier stade de la solidification, seul dans le cas de l'acier liquide pour coulée.

SOURCES COMPLEMENTAIRES

Statistical Yearbook and World Steel in figures,
Institut international du fer et de l'acier, Bruxelles.

Bulletin mensuel de statistiques,
Nations Unies, New York.

Monthly Report of the Iron and Steel statistics,
Japon, Iron and Steel Federation, Tokyo.

Siderurgia Latino-Americana,
Instituto Latino-Americano del fierro y acero, Santiago.

Direct from Midrex,
Midrex corporation, North Carolina, Etats-Unis d'Amérique.

SUMMARY TABLE, IRON ORES AND CONCENTRATES

(million tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994
PRODUCTION								
World	930.5	958.0	983.2	974.0	948.2	914.6	938.3	970.7
Developed market economy countries	231.9	237.0	248.1	242.2	252.2	240.3	239.7	255.0
Developing countries and territories	297.7	312.6	326.3	323.1	318.8	301.9	308.4	339.2
Countries in eastern Europe	256.8	253.6	246.7	239.4	201.9	176.5	155.4	137.4
China	144.0	154.8	162.1	169.4	175.3	195.9	234.7	239.0
APPARENT CONSUMPTION								
World	931.5	952.7	971.4	977.4	937.9	919.2	923.5	954.6
Developed market economy countries	352.5	367.3	374.6	378.0	366.5	342.9	323.5	348.9
Developing countries and territories	153.5	155.0	165.1	167.1	173.5	180.7	177.9	192.6
Countries in eastern Europe	269.3	265.1	257.1	248.6	204.1	174.5	154.5	136.7
China	156.1	165.3	174.6	183.7	193.7	221.1	267.8	276.3
EXPORTS								
World	369.1	401.7	421.2	395.7	399.2	370.7	400.8	430.5
Developed market economy countries	140.5	157.8	166.2	151.0	169.5	160.8	172.3	184.0
Developing countries and territories	183.3	200.9	215.1	208.5	202.3	182.9	199.2	214.5
Countries in eastern Europe	45.4	43.1	39.9	36.3	27.4	27.0	29.3	32.0
IMPORTS								
World	370.1	396.4	409.4	399.2	388.8	375.3	386.1	414.4
Developed market economy countries	261.0	288.0	292.7	286.8	283.8	263.3	256.0	277.9
Developing countries and territories	39.1	43.3	54.0	52.5	57.0	61.8	68.7	67.9
Countries in eastern Europe	57.9	54.6	50.3	45.6	29.6	25.0	28.4	31.3
China	12.1	10.5	12.5	14.3	18.5	25.2	33.0	37.3

1. IRON ORE : Production¹(thousand tonnes, marketable ores, natural weight²)

Region country or area	1997	1998	1999	1990	1991	1992	1993	1994	% change 94/93
WORLD	930514	958028	983156	973952	948249	914584	938259	970716	3.4
DEVELOPED MARKET ECONOMY COUNTRIES	231930	237039	248089	242160	252170	240310	239742	255050	6.4
AMERICA	84164	97924	99014	91491	92626	89362	87953	95391	8.5
Canada	36520#	40409#	41142#	36033#	37111#	34449#	32292#	37009#	14.6
United States	47644	57515	57872	55458	55515#	54913#	55661#	58382#	4.9
EUROPE	43143	40401	40614	36165	35239	31633	28060	28517	1.6
European Union	16598	14453	14083	11907	11582	8577	5723	4504	-21.3
France	11566	9872#	9319#	8720#	7492#	5694#	3543#	2417#	-31.8
Germany	247	70#	102#	84#	118#	109#	100	-	-
Portugal	30	25	20	20E	-	-	-	-	-
Spain	4492#	4262#	4610#	3030#	3915#	2746#	2080#	2087#	0.3
United Kingdom	263	224#	32#	53#	57#	28#	-	-	-
Other Europe	26545	25948	26531	24258	23657	23056	22337	24013	7.5
Austria	3050#	2300#	2410#	2300#	2120#	1627#	1427#	1644#	15.2
Finland	648	557#	-	-	-	-	-	-	-
Norway	3140	2644#	2358#	2081#	2209#	2152#	2182#	2460	12.7
Sweden	19707	20447	21763#	19877#	19328#	19277#	18728#	19909#	6.3
ASIA	295	278	251	208	40	-	-	-	-
Japan	295	278	251	208	40	-	-	-	-
OCEANIA	104328	98436	108210	114296	124265	119315	123729	131142	6.0
Australia	101748#	96084#	105810#	112000#	122000	117215#	121429#	128662#	6.0
New Zealand	2580	2352#	2400E	2296#	2265#	2100E	2300E	2480	7.8
DEVELOPING COUNTRIES AND TERRITORIES	297722	312604	326267	323069	318847	301873	308391	339228	10.0
AFRICA	52835	55229	61307	52859	47160	44202	44421	47957	8.0
Algeria	3575#	3400E	2748#	2930#	2700#	2563#	2311	2400E	3.9
Egypt	2112#	2400#	2400	2420#	2371#	1978#	2409	2538#	5.4
Liberia	13806#	12808#	12300	3981	1200	1705	-	-	-
Mauritania	9120#	9782#	12114#	11416#	10194#	8262#	9565#	10443#	9.2
Morocco	204	117#	126#	50#	54#	71#	168#	55#	-67.3
South Africa	22008#	25247#	29958#	30291#	28952	28226#	29385#	32321#	10.0
Tunisia	290	226#	190#	191#	191#	189#	200#	200E	-
Zimbabwe	1720#	1249#	1471#	1580#	1498#	1208#	383#	-	-
AMERICA	171788	185548	192671	192851	194300	182875	188876	213823	13.2
Argentina	800	1162#	677#	444#	89#	3#	2#	2E	-
Bolivia	-	15#	14#	125#	102#	100E	95E	95E	-
Brazil	134105#	146000#	153743#	152303#	152121#	145864#	149973#	167810#	11.9
Chile	6131#	7295#	8112#	7811#	8691#	7643	7005#	8609	22.9
Colombia	615	615#	600	628#	607#	713	600	600E	-
Mexico	7374	7830#	7538#	8114#	9138	7643#	8000E	9200E	15.0
Peru 3	5567#	4158#	3935	3307#	3593#	2855	5722#	11409#	99.4
Venezuela	17196	18473#	18052#	20119#	19959#	18054#	17479#	16098	-7.9
ASIA	67116	66284	67852	73227	75215	73496	74794	77198	3.2
Democratic People's Republic of Korea	8000	8000	9000E	9500E	9500E	9500E	10000E	10000E	-
India	51335#	49961#	51434#	53702#	56884#	54872#	55608	57500E	3.4
Iran, Islamic Rep.	1800E	1900E	2630	3000E	3024#	3200E	3400E	4000E	17.6
Malaysia	161	209#	193#	348	384	320#	228	210	-7.9
Republic of Korea	510	672	344#	370#	290#	300E	260#	260	-
Syrian Arab Republic	..	..	..	20#	20E	20E	-	-	-
Thailand	97	99	160	132	228	459#	208#	149#	-28.4
Turkey	5213#	5443#	4091#	6155#	4885#	4825#	5070#	5079#	0.2
EUROPE	5983	5543	4438	4132	2172	1300	300	250	-16.7
Yugoslavia (former)	5983	5543#	4438#	4132#	2172	1300E	300E	250E	-16.7

1. IRON ORE : Production¹
(concluded)

(thousand tonnes, marketable ores, natural weight²)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
COUNTRIES									
IN EASTERN EUROPE	256842	253605	246700	239373	201942	176463	155396	137396	-11.6
Bulgaria	1857	1826	1613	1079#	858#	349#	452	800E	77.0
Czechoslovakia (former)	1798	1773	1780#	1710	1740	726#	-	-	-
Slovakia	..	..	..	-	-	-	600E	419#	-30.2
Poland	6	6	7	6E	5E	-	-	-	-
Romania	2281	2000#	2000#	578#	477E	388#	344#	177	-48.5
USSR (former)	250900	248000#	241300#	236000#	198862#	175000	154000	136000E	-11.7
of which									
Kazakhstan	..	..	..	-	-	-	12634#	-	-
Russian Federation	..	..	..	106800	90900	82100	76143	73302	-3.7
Ukraine	..	..	..	105866#	86813#	76000	65503	45000E	-31.3
CHINA 4	144020	154780	162100	169350	175290	195938	234730	239032	1.8

- 1 Production includes ores, concentrates and iron ore agglomerated. Marketable products only
- 2 Natural weight: natural state of extraction, normally wet
- 3 Peru: dry weight until 1993
- 5 China: low-grade crude ore, not usable as such

2. IRON ORE : Production

(thousand tonnes, Fe content¹)

Region country or area	% Fe	1987	1988	1989	1990	1991	1992	1993	1994
WORLD	35.7	518078	548962	565025	556068	537791	511820	520050	540796
DEVELOPED MARKET ECONOMY COUNTRIES		140355	144675	152790	148851	154319	145053	148672	158762
AMERICA		51926	60375	62597	57857	58576	56511	55418	60257
Canada	63.1	23340#	25866#	26022#	22808#	23491	21806	20279	23360#
United States	63.2	28586	34509	36575	35049	35085	34705	35139	36897
EUROPE		22044	21354#	21019#	19059#	18835#	17549#	16217	16895
European Union		5816	5152#	5124#	4057#	4067#	2936#	1964	1640
France	29.0	3566	3119#	2945#	2650#	2255#	1594#	993#	701#
Germany	14.0	68	10#	14#	12#	17#	15#	14	-
Portugal	-	15	13#	10	10	10	-	-	-
Spain	46.0	2109#	1961#	2148#	1373#	1773#	1321#	957#	939#
United Kingdom	20.4	58	49#	7#	12#	12#	6#	-	-
Other Europe		16228	16202	15895	15002	14768	14613	14253	15255
Austria	32.6	976#	744#	781#	749#	691	511	458	536
Finland	-	402	373#	-	-	-	-	-	-
Norway	65.0	2041	1692#	990#	1352#	1436#	1399#	1418#	1599#
Sweden	65.9	12809	13393#	14124#	12901#	12641#	12703#	12377	13120
ASIA		168	158	136	112	22	22	-	-
Japan	54.0	168	158	136	112	22	22	-	-
OCEANIA		66217	62788	69038	71823	76886	70971	77037	81610
Australia	62.4	64798#	61494#	67718#	70560#	75640	69771	75772	80246
New Zealand	55.0	1419	1294	1320	1263#	1246	1200	1265	1364
DEVELOPING COUNTRIES AND TERRITORIES		187639	199506	209288	205136	201770	192640	196122	216098
AFRICA		33547	35156#	38808	33223	29915	27822	28115	30335
Algeria	50.0	1691	1598	1429#	1524#	1404	1282	1156	1200
Egypt	53.0	1120#	1250#	1250	1287#	1261#	1048#	1277#	1345#
Liberia	67.0	9250	8581	8241	2667	804	1142	-	-
Mauritania	62.5	5928#	6358#	7401#	7009#	6626#	5048#	6064	6527
Morocco	45.0	116	71#	75#	30#	32#	43#	76	25
South Africa	65.4	14297	16461#	19461#	19689	18819	18460#	19218	21138
Tunisia	50.0	131	113	95	96	96	94	100	100
Zimbabwe	58.5	1014	724#	856#	921#	873#	705#	224#	-
AMERICA		111036	122300	126992	124930	124994	119295	122469	138555
Argentina	64.5	432	748#	437#	286	55	-	-	-
Bolivia	60.0	-	9	8	75#	61	60	59	57
Brazil	65.0	87168#	97090#	102241#	98997#	98878#	94783#	97464#	109076
Chile	64.1	4017	4778#	5267#	5111#	5572#	4586	4487	5518
Colombia	45.3	399#	277#	270	283#	275#	317	320	320
Mexico	66.8	5200	5167#	5013#	5436#	5360	6168	5647	6145
Peru	66.2	3674	2684#	2538	2182#	2379#	1920	3410	7233
Venezuela	63.4	10146	11547#	11218#	12560#	12414#	11461#	11082	10206
ASIA		41142	40276	41447	45083	45862	44925	45400	47093
Democratic People's Republic of Korea	50.0	4000	4000	4500	4750	4750	4750	5000	5000
India	63.0	32550#	31720#	32484#	34369#	35837	34569	35033	36225
Iran, Islamic Rep.	61.6	1116	1178	1631	1860	1875	1984	2108	2480
Malaysia	60.0	112	121#	116#	204	230	192	136	126
Republic of Korea	60.0	286	370	193#	199#	174#	330	156	156
Syrian Arab Republic	60.0	-	-	-	3#	3	3e	3E	-
Thailand	60.0	58	59	96	79	137	275#	125	89
Turkey	58.0	3020#	2828#	2427#	3619#	2856#	2822#	2839#	3017
EUROPE		1914	1774	2041	1900	999	598	138	115
Yugoslavia (former)	46.0	1914	1774	2041#	1900	999	598	138	115

2. IRON ORE : Production
(concluded)

(thousand tonnes, Fe content¹)

Region country or area	% Fe	1987	1988	1989	1990	1991	1992	1993	1994
COUNTRIES									
IN EASTERN EUROPE		139677	150608	146212	142703	120348	105549	93101	82275
Bulgaria	44.3	613	603	533	321	297	155	200	354
Czechoslovakia (former)	27.0	611	603	477#	462	470	196	-	-
Slovakia	56.3	..	..	..	-	-	-	336	236#
Poland	-	2	2	2	2	2	-	-	-
Romania	48.0	456	600#	600#	318	262	198	165	85
USSR (former)	60.0	137995	148800#	144600#	141600#	119317	105000	92400	81600
of which									
Kazakhstan	57.9	..	..	..	-	-	-	7316#	-
Russian Federation	60.0	..	..	..	64080	54560	49260	45686	43980
Ukraine	58.0	..	..	..	65631#	50406#	44080	37392	26100
CHINA	35.0	50407	54173	56735	59378	61354	68578	82155	83661

¹ Fe content : % Fe unit by weight per metric ton of marketable ore

3. IRON ORE: Production by products, 1994

(thousand tonnes, natural weight)

Country or area	Non-agglomerated				Agglomerated	
	Lumps ¹	Fines & Concentrates ²	Pellet-feed ³	Others ⁴	Pellets ⁵	Sinter ⁶
Austria	1,157*	487	-	-	3,264	-
Australia	49,294	77,968	1,400	-	1,528	6,875
Brazil	33,820	94,200	39,790	-	28,373	25,393
Canada	-	13,855	-	-	22,481	673
Egypt	1,777	761	-	-	-	-
France	-	-	-	2,417	-	19,125
Korea Rep.	-	240	-	-	-	28,716
Mauritania	1,996	7,205	-	1,242	-	-
Morocco	36	19	-	-	-	-
Peru	-	11,409	-	-	2,760	1,709
Romania	-	177	-	-	-	-
Slovakia	-	42	-	-	377	-
Spain	-	2,087	-	-	-	-
Sweden	460	8,479	-	-	10,970	1,099
Turkey	556	3,301	1,222	-	1,043	4,002
Venezuela	2,034	14,064	-	-	6,215	-
Zimbabwe	-	329	112	-	-	67

1 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines

2 Marketable fine ore, usually below 10mm (or similar size) and/or marketable product from a concentration plant

3 Run of mine

4 Fine ore or concentrate very fine, usually below 0.1mm

5 Iron ore fines agglomerated into a rough ball shape typically 10mm.

6 Agglomerated fines or concentrates and other iron-bearing materials
Lumps and fines.

4. PELLETS¹: Production

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	211500	229954	236829	226284	213313	204605	207277	209721	1.2
DEVELOPED MARKET ECONOMY COUNTRIES	90817	103772	107520	99578	96319	96827	96037	101592	5.8
AMERICA	70031	82248	84398	77331	75117	74585	74166	79695	7.5
Canada	24120#	26291#	27113#	22515#	20462	19625#	19066#	22481#	17.9
United States	45911#	55957#	57285#	54816#	54655#	54960#	55100#	57214	3.8
EUROPE	14852	15015	16494	15869	15009	15955	16460	16738	1.7
<i>European Union</i>	4200	4506	4588	4507	4013	4126	4610	4368	-5.2
Belgium-Luxembourg	500	710#	588#	663#	473#	292#	300E	250E	-16.7
Netherlands	3700	3796#	4000#	3844#	3540#	3834	4310#	4118#	-4.5
<i>Other Europe</i>	10652	10509	11906	11362	10996	11829	11850	12370	4.4
Finland	-	-	480#	-	-	-	-	-	-
Norway	1500	1400#	1400	1397	1211	1513	1500#	1400E	-6.7
Sweden	9152	9109#	10026#	9965#	9785#	10316#	10350#	10970#	6.0
ASIA	2625	3109	3128	3378	3393	3487	3811	3631	-4.7
Japan	2625	3109#	3128#	3378#	3393#	3487#	3811#	3631	-4.7
OCEANIA	3309	3400	3500	3000	2800	2800	1600	1528	-4.5
Australia	3309#	3400E	3500E	3000E	2800#	2800#	1600#	1528#	-4.5
DEVELOPING COUNTRIES AND TERRITORIES	47333	52137	52519	49888	46804	44925	48907	55502	13.5
AFRICA	3060	3390	3178	1675	170	160	160	150	-6.2
Liberia	3060#	3215#	3000	1500	-	-	-	-	-
Nigeria	..	175#	178#	175E	170E	160E	160E	150E	-6.2
AMERICA	42766	45273	45656	44162	43289	41241	43698	49292	12.8
Argentina	465	597	658#	612	101	10E	-	-	-
Brazil	24852	26084#	26990#	24684#	24389#	22501#	23389#	28373#	21.3
Chile	3694#	4073#	3924#	4015#	4154#	3921	3420#	3294	-3.7
Mexico	7400#	7937#	7582#	8298#	7634	8047#	8359	8650#	3.5
Peru	2011	1774#	1848	1304#	1360#	1460	2667#	2760#	3.5
Venezuela	4344#	4808#	4654	5249	5651	5302	5863#	6215#	6.0
ASIA	1451	3449	3624	4001	3315	3514	5049	6060	20.0
Bahrain	-	1000e	951	1049	396	1005	1864#	2800E	50.2
India	587#	1467#	1887	1920	1919	1546	2181	2217	1.7
Turkey	864#	982#	786#	1032#	1000#	963#	1004#	1043#	3.9
EUROPE	56	25#	61#	50E	30E	10E	-	-	-
Yugoslavia (former)	56	25#	61#	50E	30E	10E	-	-	-
COUNTRIES IN EASTERN EUROPE	69030	68235	68950	68300	59800	51323	50333	40377	-19.8
Czechoslovakia (former)	230E	262#	250E	300	300	323#	333	-	-
Slovakia	..	..	..	..	..	..	..	377#	-
USSR (former)	68800	67973#	68700#	68000#	59500	51000E	50000E	40000E	-20.0
of which									
Kazakhstan	..	..	..	-	-	-	6424#	-	-
Russian Federation	..	..	..	29167	29167	28944	25058	23000E	-8.2
Ukraine	..	..	..	27917	22144#	19681	15248	13000E	-14.7
CHINA	4320	5810	7840	8518	10390	11500	12000E	12250E	2.1

¹ Pellets: iron ore fines agglomerated into a rough ball shape typically 10mm diameter

5. SINTER¹ : Production

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	561905	593613	594436	580635	548990	542524	530042	522761	-1.4
DEVELOPED MARKET ECONOMY COUNTRIES	208920	228822	232647	227029	223728	207966	210236	214675	2.1
AMERICA	15854	16893	15570	14139	11727	12433	13567	13673	0.8
Canada	1392#	1396#	1906#	1900	1160	985#	1112	673#	-39.5
United States	14462	15497	13664#	12239#	10567#	11448#	12455	13000E	4.4
EUROPE	101346	110955#	112787#	110066	110426	100371	102036	106452	4.3
<i>European Union</i>	<i>92012</i>	<i>101790#</i>	<i>103131#</i>	<i>101363</i>	<i>101416</i>	<i>92769</i>	<i>94399</i>	<i>98650</i>	<i>4.5</i>
Belgium-Luxembourg	15301	16556#	16116#	16306#	16436#	14827#	14430#	15100E	4.6
France	15302	21477#	21378#	20517#	19499#	18526#	17470#	19125#	9.5
Germany	26140	27833#	29753#	27230#	29064#	26582#	25418#	27136#	6.8
Italy	13008	13071#	12311#	13114#	12113#	9183#	12834#	13000E	1.3
Netherlands	3682	3901#	3668#	3945#	3797#	3795#	4032#	3716#	-7.8
Portugal	429	452#	395#	344#	275#	428#	411#	448#	9.0
Spain	6600	5433#	6228#	6177#	6536#	5994#	6202#	6400E	3.2
United Kingdom	11550	13067#	13282#	13730#	13696#	13434#	13602#	13825#	1.6
<i>Other Europe</i>	<i>9334E</i>	<i>9165#</i>	<i>9656#</i>	<i>8703</i>	<i>9010</i>	<i>7602</i>	<i>7637</i>	<i>7822</i>	<i>2.4</i>
Austria	4814	4431	4775#	4380#	4412#	3026#	2986#	3264#	9.3
Finland	2837	2970#	3060#	2800E	3040#	3170#	3300E	3209#	-2.8
Norway	633	673#	680	400E	400E	300E	250E	230E	-8.0
Sweden	1050E	1091#	1141#	1123#	1158#	1106#	1101#	1099#	-0.2
ASIA	86447	94933#	98190#	96509	96143	88811	88232	88455	0.3
Japan	86447	94933#	98190#	96509#	96143#	88811#	88232#	88455	0.3
OCEANIA	5273	6041	6100	6315	5432	6351	6401	6875	7.4
Australia	5273	6041	6100	6315	5432	6351	6401#	6875#	7.4
DEVELOPING COUNTRIES AND TERRITORIES	71627	84043	84347	83995	89208	91503	92031	93597	1.7
AFRICA	2680	4621	4639	4753	4236	3894	4126	4217	2.2
Algeria	2500	2600E	2600E	2500E	2000E	1910#	1900E	1900	-
Egypt	-	1862#	1900E	2089#	2086#	1853#	2113#	2250#	6.5
Zimbabwe	180E	159#	139#	164#	150#	131#	113#	67#	-40.7
AMERICA	26850	28950	28375	25124	27621	28266	28107	29162	3.8
Argentina	904	811	928#	838	743	592	830	800	-3.6
Brazil	21871#	24952#	24703#	21395	23903#	24985#	24671	25393#	2.9
Colombia	405	396	379	414#	401#	385	308	310E	0.6
Mexico	1073	936#	883#	918#	900E	916#	798	950E	19.0
Peru	2597	1855	1482	1559	1674	1388	1500E	1709	13.9
ASIA	38341	46695	47553	50818	54851	58143	59298	59918	1.0
India	9021#	9686#	10189	9686	12991	13500E	14000E	14500E	3.6
Republic of Korea	15662	19991	21011	23491	24872	27500	28000E	28716#	2.6
Taiwan Province of China	5383	8154	8482	8053	8000	7800	8700E	8400E	-3.4
Turkey	3968#	4257#	3192#	4508#	4238#	4427#	4462#	4002#	-10.3
Philippines	4307	4607	4679	5080	4750	4916#	4136	4300E	4.0
EUROPE	3756	3777	3780	3300	2500	1200	500	300	-40.0
Yugoslavia (former)	3756#	3777#	3780#	3300E	2500E	1200E	500E	300E	-40.0

5. SINTER¹ : Production

(concluded)

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
COUNTRIES									
IN EASTERN EUROPE	201948	199248	194942	182611	147554	134155	117775	100709	-14.5
Bulgaria	2717	2287	2365	1863	1673	1535	1802	1850E	2.7
Czechoslovakia (former)	13000	12464	13076	12950	11665	10415	9400	-	-
Czech Republic	..	..	..	..	..	..	..	5940#	-
Slovakia	..	..	..	..	..	..	..	3319	-
German Dem. Rep. (former)	3207	3346	3199#	2500E	-	-	-	-	-
Hungary	3023	2875	2900#	1773	1428	1489	1500E	1600E	6.7
Poland	15401	14054#	12993	11779	8613	8621	9000E	9800E	8.9
Romania	14000E	13880#	13002#	8846	5575	5095	5073#	5400E	6.0
USSR (former)	150600	150342#	147407#	142900#	118600	107000	91000	72800E	20.0
of which									
Kazakhstan	..	..	..	..	..	..	1125#	..	-
Ukraine	..	..	..	64094#	54088#	52310	42046	33000E	-21.5
Russian Federation	..	..	..	..	57378	54112	48751	41450E	-15.0
CHINA	79410	81500	82500	87000	88500	108900	110000	113000E	2.7

¹ Sinter: agglomeration of natural ore fines, ore concentrates, flue dust and other iron-bearing materials

² U.S.A. For 1993, Sinter consumption

6. IRON ORE: Exports

(thousand tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	369140	401742	421192	395749	399187	370680	400789	430539	7.4
DEVELOPED MARKET ECONOMY COUNTRIES	140452#	157791#	166203#	150974	169484#	160774#	172303	184027	6.8
AMERICA	34755	35808	35587	30240	33733#	30187#	31259	35097	12.3
Canada	29662	30523#	30222#	27041#	29688#	25132#	26200	30125#	15.0
United States	5093#	5285#	5365#	3199	4045#	5055#	5059#	4972#	-1.7
EUROPE	25142	25550	24716	23564	23052	22639#	23365	21536	-7.8
European Union 1	21#	116#	52#	411#	155#	285#	82#	173#	111.0
Belgium-Luxembourg	3	7#	11#	16#	13#	20#	9	9E	-
Denmark	3	4#	2#	4#	1#	1#	1#	-	-
France	3740	3725#	3462#	3280#	3153#	2875#	2792#	2442#	-6.3
Germany	6	20#	7#	4#	81#	76#	100	85#	-15.9
Greece	-	-	24#	-	-	-	-	-	-
Netherlands	105	223	127	82#	65#	28#	23E	29	26.1
Spain	1991	2282#	1632#	1633#	2157#	1879#	1505	1518#	0.9
United Kingdom	1	2#	2#	2#	2#	2#	4#	2#	-50.0
Other Europe	19293	19287	19449	18543	17580	17758	18931	17450	-7.8
Austria	1	-	-	-	-	-	-	-	-
Norway	2530	1757#	1987#	2113#	2098#	2281	2505#	2064#	-17.6
Sweden	16762	17530#	17462#	16430#	15482#	15477#	16426#	15386#	-6.3
OCEANIA	80555	96433	105900	97170	112699	107948	117679	127394	8.3
Australia 2	78594#	94969#	104500#	96156	111458#	106600	116450#	126159#	8.3
New Zealand	1961	1464#	1400E	1014#	1241#	1348#	1229	1235	0.5
DEVELOPING COUNTRIES AND TERRITORIES	183255	200888	215109	208454	202315	182894	199186	214512	7.7
AFRICA	31327	35372	38563	32358	27038	24334	29584	30027	1.5
Algeria	13	-	20#	18#	20E	41#	50E	50E	-
Liberia	13510	13779	12747	3887#	1015	1273	800E	-	-
Mauritania	9002	10005#	11138#	11356#	10469#	8094#	9655#	10342	7.1
Morocco	-	80#	87	63	66	58#	55#	30#	-45.5
South Africa	8802	11503#	14566#	17029#	15468	14868#	19024#	19605#	3.1
Other Africa	-	5	5E	5E	-	-	-	-	-
AMERICA	118745	128672	137539	137993	138157	125103	133365	148785	11.6
Bolivia	-	15	25#	225#	102#	50	39	40E	2.6
Brazil	97288#	105303#	111641#	114296#	114681#	106035#	111861#	125020#	11.8
Chile	5329#	6397#	7422#	6546#	7406#	5723	6266#	6639	6.0
Mexico	-	-	-	-	-	91#	100E	68#	-32.0
Peru	4430	4668#	4014	3306#	2582#	2975	4646	6327#	36.2
Venezuela	11698	12289	14437	13620#	13386	10229#	10453#	10691	2.3
ASIA	33183	36845	38999	37570	36820	33257	36237	35700	-1.5
Bahrain 3	-	-	838	903	479	875	2137	2900E	35.7
India	28981	32079#	33479#	31585#	31539#	28462#	30000E	28500E	-5.0
Philippines 4	4202	4764	4680	5080	4800	3920	4100	4300E	4.9
Other Asia	-	2#	2#	2E	2	-	-	-	-
EUROPE	-	-	8	533	300	200	-	-	-
Yugoslavia (former)	-	-	8#	533	300E	200E	-	-	-
COUNTRIES IN EASTERN EUROPE	45433	43063	39880	36321	27388	27012	29300	32000	9.2
USSR (former)	45433#	43063#	39880#	36321#	27388#	27012	29300	32000E	9.2
of which	-	-	-	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-	6597#	-	-
Russian Federation	-	-	-	11615#	9836#	9894	11155	-	-

1 European Union Total: excluding the European Union's internal trade.

2 Dry weight until 1991.

3 Pellets produced with imported ores

4 Sinter produced with imported ores

7. IRON ORE: Exports¹

(thousand tonnes, Fe content)

Region country or area	% Fe	1987	1988	1989	1990	1991	1992	1993	1994
WORLD	53.3	230052	254408	266909	248576	251542	233904	254181	272710
DEVELOPED MARKET ECONOMY COUNTRIES		87437#	98718#	104157#	94130#	104608	99431	106741	114517
AMERICA		21957#	22952#	22799#	19105#	21325	19102	19744	22121
Canada	63.0	18687	19596#	19403#	17101	18769	15908	16547	18979
United States	63.2	3270#	3356#	3396#	2004#	2556	3194	3197	3142
EUROPE		13914	14917	14508	13889	13496	13469	14057	13009
<i>European Union</i> ²		7	39	18	139	52	85	38	79
Belgium-Luxembourg	31.5	1	2	3	5	4	6	3	3
Denmark	-	1	1	-	-	-	-	-	-
France	31.5	1159	1154	1073	1033	993	905	881	769
Germany ²	15.0	1	4	1	1	12	11	15	12
Netherlands	57.0	60	127	72	47	37	16	13	16
Spain	46.0	1075	1232	881	751	992	864	692	698
<i>Other Europe</i>		11617	12397	12478	12052	11458	11667	12453	11511
Norway	65.0	1392	967	1093	1373	1364	1483	1628	1341
Sweden	65.8	10225	11430	11385	10679#	10094#	10184#	10825#	10170
OCEANIA		51566	60849	66850	61136	69787	66860	72940	79387
Australia	62.0	50583	60115	66148	60578	69104	66092	72199	78683#
New Zealand	57.0	983	734	702	558	683	768	741	704
DEVELOPING COUNTRIES AND TERRITORIES		118536	129852	138824	132653	130501	118266	129860	138993
AFRICA		20453	23029	25018	21104	17559	15833	19044	19507
Algeria	50.0	6	-	10#	9#	10	20	25	25
Liberia	67.0	9052	9231	8540	2607	670	853	-	-
Mauritania	65.0	5851	6503	7240	7381	6804	5261	6276	6722
Morocco	57.0	-	48	52	38	40	35#	33	17
South Africa	65.0	5544	7247	9176	11069	10035	9664	12710	12743
AMERICA		76846	83564#	89174#	87438#	89426	81218#	87783#	96780
Bolivia	65.0	-	9	15	135	61	30	25	25
Brazil	65.0	63237	68447	72547	72292#	74542	68923	73828	81250
Chile	66.0	3553	4254	4935	4320#	4740#	3777	4135	4381
Mexico	65.8	-	-	-	-	-	59	65	44
Peru	68.0	2920	3010	2589	2179#	1717#	1960	3103	4302
Venezuela	63.4	7136	7844#	9088#	8512#	8366	6469#	6627#	6778
ASIA		21237	23259	24632	23866	23378	21123	23033	22706
Bahrain	65.0	-	-	545	587	311	569	1389	1885
India	63.4	18548	20210	21092	20028	19995	18045	19020	18069
Philippines	64.0	2689	3049	2995	3251	3072	2509	2624	2752
EUROPE		-	-	-	245#	138	92	-	-
Yugoslavia (former)	-	-	-	-	245#	138	92	-	-
COUNTRIES IN EASTERN EUROPE		24079	25838#	23928#	21793#	16433	16207	17580	19200
USSR (former)	60.0	24079	25838#	23928#	21793#	16433	16207	17580	19200
of which									
Kazakhstan	61.5	-	-	-	-	-	-	4060#	-
Russian Federation	60.0	-	-	-	6969	5902	5936	6640	8722

¹ Exports quantities of iron ore units exported during the calendar year² European Union Total: excluding the European Union's internal trade

8. IRON ORE: Network of exports by major region of destination, 1994

(million tonnes, natural weight)

Exports to	World	Developed market economy countries					Developing Countries	Eastern Europe	China
		Total	United States	Japan	EU	Others			
WORLD	430.5	281.5	17.7	118.6	133.3	11.9	77.1	31.2	40.7
DEVELOPED MARKET ECONOMY COUNTRIES	184.0	134.4	10.9	59.5	56.0	8.0	31.0	0.8	17.8
Australia	126.1	80.5	0.7	57.2	22.6	-	27.0	0.8	17.8
Canada	30.1	28.9	10.2	1.1	17.1	0.5	1.2	-	-
EU	4.1	4.1	-	-	4.0	0.1	-	-	-
Sweden	15.4	12.6	-	-	10.5	2.1	2.8	-	-
Others	8.3	8.3	-	1.2	1.8	5.3	-	-	-
DEVELOPING COUNTRIES AND TERRITORIES	214.5	145.1	6.8	59.1	76.8	2.4	44.3	2.4	22.7
Brazil	125.0	87.7	3.9	29.4	53.5	0.9	27.6	1.5	8.2
Chile	6.6	4.7	0.2	3.2	1.3	-	1.4	-	0.5
India (E)	28.5	18.9	-	16.0	2.4	0.5	6.1	-	3.5
Mauritania	10.3	10.3	0.1	0.1	10.1	0.0	0.0	-	-
Peru	6.3	0.6	-	0.6	-	-	1.4	-	4.3
South Africa (E)	19.6	10.3	-	4.6	4.7	1.0	4.3	-	5.0
Venezuela	10.7	8.3	2.6	0.9	4.8	-	0.3	0.9	1.2
Others	7.5	4.3	-	4.3	-	-	3.2	-	-
USSR (former)	32.0	2.0	-	-	0.5	1.5	1.8	28.0	0.2

Note: On the basis of information provided by exporters available to the secretariat as of 18 July 1995.
E: estimated

9. PELLETS: Exports

(thousand tonnes)

Country or area	1987	1988	1989	1990	1991	1992	1993	1994
Australia	2,111	2,011	1,624	1,668	692	600E	415	289
Bahrain	-	-	839	903	479	875	2,137	2,900E
Brazil	19,962	23,765	23,335	20,040	23,975	21,259	23,045	26,771
Canada	13,078	17,569	17,325	12,751	14,374	13,298	12,934	16,028
Chile	3,284	3,549	3,587	3,423	3,809	2,752	3,563	3,277
India ¹	825	1,640	1,923	1,717	1,300	1,546	2,181	1,854
Liberia	3,227	3,201	3,320	1,455	-	-	-	-
Norway	-	1,060	1,052	1,247	1,337	773	1,135	846
Peru	1,752	1,515	1,503	1,153	844	1,147	2,339	3,912
Sweden	6,143	6,535	6,494	6,499	6,361	6,702	7,466	6,915
United States	5,049	5,232	2,874	3,018	4,016	4,653	5,030	4,887
USSR(former)	10,866	10,892	11,507	12,316	10,043	9,772	11,169	12,000E
Venezuela	434	849	1,159	1,184	922	1,123	1,242	1,086
TOTAL	66,731	75,703	75,768	73,393	68,181	64,728	72,656	80,765

¹ Fiscal year (April to March) until 1989.

10. LUMPS: Exports

(thousand tonnes, natural weight)

Country or area	1993	1994
Australia	40,286	42,809
Brazil	8,252	10,386
Chile	62	305
Mauritania	1,870	1,966
South Africa	10,777	12,977
Venezuela	3,532	2,800

11. IRON ORE: Imports

(thousand tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	370093	396437	409424	399193	388848	375264	386077	414450	7.3
DEVELOPED MARKET ECONOMY COUNTRIES	261008	288040	292696	286831	283838	263322	256020	277909	8.5
AMERICA	22080	24917	15954	22166	17955	17781	19389	22677	17.7
Canada	5213	4791#	5348#	4113#	4620#	5280#	5428#	5128#	-5.5
United States	16867	20126	10606	18053	13335	12501#	13961#	17549#	25.7
EUROPE	126852	139277	147161	137575	135751	130298	121147	138142	14.0
<i>European Union 1</i>	<i>118507</i>	<i>126564</i>	<i>136079</i>	<i>124286</i>	<i>126675</i>	<i>118222</i>	<i>111311</i>	<i>129089</i>	<i>16.0</i>
Belgium-Luxembourg	18385	20795#	19787#	20278#	19486#	17995#	12724	14929#	17.3
Denmark	8	3#	6#	3#	2#	2#	8#	33#	312.4
France	15056	18727#	19955#	18807#	18206#	17232#	16522#	20098#	21.6
Germany 2	39583	45169#	47170#	43730#	43288	41317#	35264	42675#	21.0
Italy	16523	16200#	18201#	17203#	17855#	15064#	16741#	16402	-2.0
Netherlands	7049	7562	8153	8303	7892	7523	8555	8561	0.1
Portugal	764	477#	689#	449#	466#	565#	589#	553#	-6.1
Spain	5767	5556#	6935#	6705#	7596#	7098#	6664#	7583#	13.8
United Kingdom	18028	17867#	19179#	14700#	13540#	15799#	15925#	19463#	22.2
<i>Other Europe</i>	<i>5689</i>	<i>6921</i>	<i>7086</i>	<i>7397</i>	<i>7420</i>	<i>7703</i>	<i>8155</i>	<i>7845</i>	<i>-3.8</i>
Austria	3311	4164	4192#	3892#	3968#	3915	3591#	3921#	9.2
Finland	2261	2400#	2600#	3158	3070#	3308#	3361	3519#	4.7
Iceland	17	23	17	18	17	17	22	17	-22.7
Norway	21	193#	23#	12#	27#	108	603#	7#	-98.8
Sweden	70#	129	254#	317#	338#	355#	578#	381#	-34.1
Switzerland	9	12	-	-	-	-	-	-	-
ASIA	112034	123377	127709	125290	127186	113743	114484	116090	1.4
Japan	112034	123377#	127709#	125290#	127186#	113743#	114484#	116090	1.4
OCEANIA	42#	469#	1872#	1800	2946	1500	1000	1000	-
Australia	42#	469#	1872#	1800	2946#	1500E	1000E	1000E	-
DEVELOPING COUNTRIES AND TERRITORIES	39073	43274	53953	52459	56992	61769	68669	67930	-1.1
AFRICA	63	198	858	367	228	1502	1481	1443	-2.5
Egypt	-	-	-	-	-	1264#	1300E	1362#	4.8
Nigeria	-	152#	770E	300E	150E	150E	100E	-	-
Tunisia	63	46	88	67	78	88	81	81	0.5
AMERICA	3387	3590	4476	4499#	3360	4545	4464	4933	10.5
Argentina	3342	3131#	3816#	3148#	2310#	3574#	3205	3400E	6.1
Mexico	45	459#	660#	363#	150E	21#	40E	33#	-17.5
Trinidad and Tobago	..	..	..	988#	900E	950E	1219	1500E	23.1
ASIA	34542	38000	46314	45595	51604	54522	62224	61553	-1.1
Bahrain	..	..	1111	1250	395	1015	1939	2771	42.9
Democratic People's Republic of Korea	600E	700E	700E	700E	700E	700E	700E	700	-
Indonesia	1400E	1400E	2000#	2000E	2000E	2100E	2310	2400E	3.9
Malaysia	819	452#	912#	1233	1160	1613#	1404	1500E	6.8
Pakistan	1105	1528	1393	1162	1605	1398	1982	1889	-4.7
Qatar	700E	800E	792	863	900E	950E	1000E	1000E	-
Republic of Korea	16607	16479	22790#	22500#	28440#	31779	35533	34200	-3.8
Saudi Arabia	1478	1245	1652	1468	1093	1450E	2200E	2300E	4.5
Singapore	1	10E	1	5	2	0	0	0	-
Syrian Arab Republic	..	..	..	2#	2E	2E	2E	2E	-
Taiwan Province of China	6140	8477	8370	7760	8433	7251	9019	8342	-7.5
Turkey	1532#	2369#	2243#	1952#	2509#	1844#	1824#	2049#	12.3
United Arab Emirates	160	140E	150E	100E	100E	120E	110E	100E	-9.1
Other Asia	4000E	4400E	4200E	4600#	4265	4300E	4200E	4300E	2.4
EUROPE	1081	1486	2305	1998	1800	1200	500	-	-
Yugoslavia (former)	1081	1486#	2305#	1998#	1800E	1200E	500E	-	-

11. IRON ORE: Imports
(concluded)

(thousand tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
COUNTRIES									
IN EASTERN EUROPE	57915	54583	50323	45561	29560	25002	28368	31341	7.0
Bulgaria	2308	2112	1920	1964#	551#	416#	733	723#	-1.4
Czechoslovakia (former)	15088#	14718#	14073#	14173#	12028	11764#	..	..	-
Czech Republic	..	..	..	..	..	..	7226#	7501#	3.8
Slovakia	..	..	..	..	..	..	5274	4865#	-7.8
German Dem. Rep. (former)	4300E	4200E	4000E	2800E	-	-	-	..	-
Hungary	3403	2885#	3263#	3202#	2700E	2400E	2800E	3200E	14.3
Poland	17116	16668#	13441#	12065	7419	8076	8776	9600E	9.4
Romania	15700E	14000E	13626#	11357	6862	2346#	3559#	5452	53.2
CHINA	12098	10541	12452	14343	18458	25171	33020	37270	12.9

¹ European Union Total: excluding the European Union's internal trade

² From 1991, unified territory of Germany

12. EUROPEAN UNION: Iron ore imports by origin/destination, 1994

(thousand tonnes, natural weight)

Destination Origin	Germany	France	Italy	Netherlands	Belgium Luxembourg	United Kingdom	Denmark	Spain	Portugal	EU
Non agglomerated ores ¹										
<i>Total</i>	28,730	19,788	13,860	8,549	13,612	17,298	33	5,411	390	106,453 a
of which:										
EU	-	134	1	208	-	873	-	2	-	-
Australia	4,727	4,689	1,912	1,384	932	7,160	-	841	-	21,645
Brazil	17,070	8,214	4,882	2,812	6,234	2,205	-	2,381	7	43,805
Canada	3,091	2,162	274	965	1,750	2,670	-	261	67	11,240
Mauritania	476	3,026	2,716	36	1,566	716	-	1,167	60	9,763
Norway	675	125	-	2,068	432	21	-	-	-	3,321
South Africa	459	324	1,597	2	31	2,267	-	-	-	4,680
Sweden	1,774	566	-	-	1,970	196	33	-	-	4,539
Venezuela	-	253	950	603	486	1,190	-	707	192	4,381
India	...	153	1,526	465	122	-	-	51	64	2,381
Others	458	142	2	6	89	-	-	1	-	698
Agglomerated ores ²										
<i>Total</i>	13,944	310	2,542	12	1,317	2,194	-	2,172	163	22,636 a
of which:										
EU	-	18	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	205	-	-	-	205
Brazil	5,769	-	2,280	-	40	-	-	1,795	-	9,884
Canada	2,886	290	262	-	411	676	-	377	131	5,033
Norway	779	-	-	-	-	1,313	-	-	-	2,092
South Africa	-	2	-	-	-	-	-	-	-	2
Sweden	3,429	-	-	-	607	-	-	-	-	4,036
Venezuela	-	-	-	12	-	-	-	-	-	12
Others	206	-	-	-	52	-	-	-	32	290
Total	42,674	20,098	16,402	8,561	14,929	19,492	33	7,583	553	129,089 a

Notes: Greece and Ireland are not concerned.

¹ Non-agglomerated ores: fines, lumps, pellet-feed and concentrates.

² Agglomerated ores: pellets or sinter

&sa Third countries only

13. CHINA: Iron ore imports by origin, 1988-1994

(thousand tonnes, natural weight)

Origin	1988	1989	1990	1991	1992	1993	1994
Australia	6,622	8,854	10,168	12,073	13,757	17,028	15,256
Brazil	2,550	2,515	2,478	3,137	4,709	4,943	6,487
Canada	-	-	-	-	-	79	44
Chile	-	-	-	-	80	57	749
India	184	168	470	958	2,467	3,320	3,961
Korea DPR	1,088	519	599	790	724	490	300
Peru	-	-	-	-	-	1,790	3,967
Russia	-	-	-	23	181	200	-
South Africa	-	-	-	1,000	1,500	3,809	4,924
Venezuela	-	-	-	-	480	1,088	-
Others	97	396	628	477	1,203	480	494
Total	10,541	12,452	14,343	18,458	25,171	32,676	37,270

14. JAPAN: Iron ore imports by origin, 1994

(thousand tonnes, dry weight)

Origin	Non-agglomerated 1	Agglomerated 2	Total
Australia	55,177	232	55,409
Brazil	24,002	3,872	27,874
Canada	1,375	-	1,375
Chile	2,243	1,160	3,403
India	15,701	13	15,714
New Zealand 3	1,226	-	1,226
Philippines 4	-	4,329	4,329
South Africa	4,579	-	4,579
Total	106,360	9,730	116,090

1 Non-agglomerated ores: fines, lumps, pellet-feed and concentrates

2 Agglomerated ores: pellets or sinter

3 Iron ore sands

4 Sinter produced from fines imported via Japan

15. REPUBLIC OF KOREA: Iron ore imports by origin, 1994

(thousand tonnes, natural weight)

Origin	Non-agglomerated 1	Agglomerated 2	Total
Australia	18,413	116	18,529
Brazil	8,112	-	8,112
Canada	802	-	802
Chile	996	-	996
India	3,696	-	3,696
Peru	1,102	167	1,269
South Africa	761	35	796
Others	1	-	1
Total	33,883	151	34,201

1 Non-agglomerated ores: fines, lumps, pellet-feed and concentrates

2 Agglomerated ores: pellets or sinter

16. IRON ORE: Value of Exports¹

(million dollars)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994
WORLD	6842.8	7397.6	8167.5	8595.9	8722.7	7903.2	7608.5	8029.4
DEVELOPED MARKET ECONOMY COUNTRIES	2566.9	2888.6	3160.7	3381.8	3648.6	3512.9	3278.9	3705.0
AMERICA	928.9	1010.7	992.0	842.6	934.1	852.2	791.1	850.0
Canada	730.6	816.9#	799.3#	719.4#	777.7#	665.4	624.3	687.5
United States	198.3	193.8	192.7	123.2#	156.4#	186.8#	166.8#	162.5#
EUROPE	441.1	474.8#	536.0	568.7	520.2	585.4	531.5	488.1
<i>European Union 2</i>	1.0#	1.1#	2.2#	5.7#	3.7#	5.3#	2.2#	3.3#
Belgium-Luxembourg	0.2	0.7#	0.8#	1.4#	0.9#	1.2	0.6	0.5E
Denmark	0.1	-	-	-	-	-	-	-
France	28.7	29.6#	27.1#	31.1	29.6#	28.7#	25.6	23.6
Germany	0.7	1.1#	0.8#	0.6#	2.3#	2.5	2.1	1.5
Greece	-	-	24.0#	-	-	-	-	-
Italy	-	-	0.2#	0.1#	0.1#	0.1#	0.1#	-
Netherlands	5.3	7.7#	6.1	5.3	4.8#	3.0#	2.5E	3.1
Spain	17.5	19.5#	15.3#	17.7#	27.9#	23.7#	10.3	13.5
United Kingdom	0.2	0.3#	0.2#	0.5#	0.4#	0.5#	0.6	0.4
<i>Other Europe</i>	388.4	415.9	461.5	512.0	454.2	525.7	489.7	445.5
Norway	53.4	42.5#	50.0#	61.5#	63.7#	66.3	67.7#	52.9#
Sweden	335.0	373.4	411.5#	450.5#	390.5	459.4#	422.0#	392.6#
OCEANIA	1196.9	1403.1	1632.7	1970.5	2194.3	2075.3	1956.3	2366.9
Australia	1181.6#	1390.8#	1620.0#	1960.0#	2183.0#	2060.0	1942.4#	2352.4#
New Zealand	15.3	12.3#	12.7#	10.5#	11.3#	15.3#	13.9	14.5
DEVELOPING COUNTRIES AND TERRITORIES	3060.5	3365.7	3959.2	4227.9	4329.1	3660.3	3629.6	3684.4
AFRICA	483.9	511.1	682.4	614.1	504.7	415.8	488.6	484.4
Algeria	0.2E	-	0.3#	0.3E	0.2E	0.7#	0.2	0.2E
Liberia	217.9	220.0E	286.0E	93.0E	24.0E	29.0E	-	-
Mauritania	134.0#	143.5#	185.1#	220.2#	192.0E	164.1#	193.0E	186.0E
Morocco	-	1.3#	1.6	1.4	3.3	3.0	2.5E	1.5E
South Africa	131.8	146.1#	209.2#	299.0#	285.2#	219.0#	292.9#	296.7#
Tunisia	-	0.2#	0.2E	0.2E	-	-	-	-
AMERICA	2052.0	2286.1	2632.2	2954.7	3160.1	2738.0	2635.4	2758.0
Bolivia	-	0.2	0.3	3.0E	0.1	0.6	0.6	-
Brazil	1615.4#	1900.4#	2176.0#	2436.5#	2603.9#	2303.4#	2190.5	2294.8#
Chile	95.7#	105.4	125.7	138.4	158.1	137.6	112.2	125.8
Mexico	-	-	-	-	3.0	1.4	0.7	2.0
Peru	70.9	61.0#	60.2E	51.8#	42.0E	45.0E	81.4#	105.4#
Venezuela	270.0	219.1#	270.0E	325.0	353.0	250.0	250.0E	230.0E
ASIA	524.6	568.5	643.6	655.2	661.8	504.9	505.6	442.0
India	427.6	461.5	571.6	578.2	583.4	425.9	430.6	370.0E
Other Asia	97.0E	107.0E	72.0E	77.0E	78.4	79.0E	75.0	72.0E
EUROPE	-	-	1.0	3.9	2.5	1.6	-	-
Yugoslavia (former)	-	-	1.0#	3.9#	2.5E	1.6E	-	-
COUNTRIES IN EASTERN EUROPE	1215.4	1143.3	1047.6	986.2	745.0	730.0	700.0	640.0
USSR (former)	1215.4	1143.3	1047.6	986.2#	745.0E	730.0E	700.0E	640.0E

¹ Value of exports: f.o.b. value of iron ore exported, converted to United States dollars using exchange rates indicated by governments, or converted on the basis of exchange rates supplied by I.M.F.

² European Union Total: excluding the European Union's internal trade

17. IRON ORE: Value of Imports ¹

(million dollars)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994
WORLD	8408.5	9026.6	10379.0	11183.1	11582.1	10826.7	10103.2	9904.0
DEVELOPED MARKET ECONOMY COUNTRIES	6297.0	6815.6	7668.6#	8401.0	8454.7	7769.3	6859.9	3788.8
AMERICA	672.6	753.9	720.2#	793.3	596.3	579.7	584.2	671.0
Canada	194.6	185.1#	197.9#	146.1#	159.7#	184.1	169.1#	161.1#
United States	478.0	568.8	522.3#	647.2#	436.6#	395.6#	415.1#	509.9#
EUROPE	3005.9	3203.8	3771.1	4186.2	4147.6	3943.6	3251.8	3072.8
<i>European Union 2</i>	<i>2814.6</i>	<i>2898.6</i>	<i>3298.4</i>	<i>3612.4</i>	<i>3799.6</i>	<i>3520.8</i>	<i>2639.0</i>	<i>3920.0</i>
Belgium-Luxembourg	341.1	390.5#	404.2#	485.1#	497.4#	472.3#	305.4	373.2
Denmark	0.9	- #	1.1	0.8#	0.7#	0.6	0.9	2.0E
France	300.2	377.5#	473.6#	510.6#	521.0#	487.8#	433.5	462.4
Germany	1121.0	1172.6#	1328.2#	1472.1#	1458.8#	1419.0#	1022.6	1245.6
Italy	354.4	289.9#	455.9#	472.4#	502.4#	425.3#	425.7	378.0
Netherlands	146.8	146.0	144.0	174.0	160.9	171.1	183.6	176.9
Portugal	18.6	13.0#	18.7#	14.8#	17.4#	16.8#	17.1	19.0
Spain	125.5	138.9#	193.8#	207.6#	232.0#	204.4#	173.1	186.6
United Kingdom	432.7	473.5#	502.2#	588.3#	512.3#	480.0#	443.5	-
<i>Other Europe</i>	<i>164.7</i>	<i>201.9</i>	<i>249.4</i>	<i>260.5</i>	<i>244.7</i>	<i>266.3</i>	<i>246.4</i>	<i>229.1</i>
Austria	110.6	144.3	143.6	152.7	134.7	151.1#	127.2	120.0E
Finland	49.5	45.4#	95.0#	96.0	92.4#	97.4	85.0	95.0E
Iceland	0.7	1.0	0.8	0.9	0.9	0.8	0.9	0.8
Norway	0.8	5.3#	0.9#	0.9#	1.1#	3.4#	15.3#	0.4#
Sweden	2.9	5.7	9.1	10.0#	15.6	13.5#	18.0#	12.9#
Switzerland	0.2	0.2	-	-	-	-	-	-
ASIA	2618.4	2852.7	3137.3	3374.1	3644.8	3194.4#	2976.6	2906.7
Japan	2618.4	2852.7	3137.3	3374.1	3644.8	3194.4#	2976.6	2906.7
OCEANIA	0.1#	5.2#	40.0#	47.4	66.0e	51.6	47.3	45.0e
Australia	0.1#	5.2#	40.0#	47.4	66.0e	51.6	47.3	45.0e
DEVELOPING COUNTRIES AND TERRITORIES	964.2	1098.3	1468.6	1572.5	1837.7	1732.9	1738.8	1582.0
AFRICA	1.3	6.4	12.6	10.2	6.3	6.1	4.0	4.2
Nigeria	-	5.0	10.0E	8.0E	4.0E	4.0E	2.0E	1.7E
Tunisia	1.3	1.4	2.6	2.2	2.3	2.1	2.0	2.5
AMERICA	101.4	127.6	158.5	181.7	141.2	174.4	152.1	162.0
Argentina	99.7	102.4#	137.0#	126.5	99.7	138.7	110.1	112.0E
Mexico	1.7	25.2#	21.5#	18.2#	7.5E	0.7#	-	-
Trinidad and Tobago	-	-	-	37.0E	34.0E	35.0E	42.0#	50.0E
ASIA	824.7	904.7	1206.5	1340.3	1654.2	1530.4	1574.7	1412.8
Democratic People's Republic of Korea	12.0E	14.0E	14.0E	14.5E	15.0E	14.5E	14.0E	14.0E
Indonesia	42.0E	46.0E	70.0E	74.0E	75.0E	70.0E	65.0E	65.0E
Malaysia	24.5	15.4#	38.1#	58.6	51.8	35.0E	77.4	62.0E
Pakistan	29.2	46.9	46.8	36.9	53.6	47.7	55.9	49.4
Qatar	28.0E	30.0E	34.0E	34.0E	35.0E	36.0E	34.0E	33.0E
Republic of Korea	363.0	345.5	549.9#	642.5#	891.5#	879.8	886.7	794.1
Saudi Arabia	49.4	49.7	78.6	81.8	83.0E	70.0E	53.0E	51.0E
Singapore	0.2	0.2E	0.2	0.7	0.2	0.2E	0.2E	0.1E
Taiwan Province of China	146.3	187.7	211.0	227.6	264.0	215.7	230.0E	190.0E
Turkey	42.1#	75.3#	64.9#	69.7#	92.6#	68.5#	70.5#	61.7#
United Arab Emirates	2.0E	2.0E	4.0E	3.0E	3.0E	3.0E	3.0E	2.5E
Other Asia	86.0E	92.0E	95.0E	97.0E	89.5	90.0E	85.0E	90.0
EUROPE	36.8	59.6	91.0	40.3	36.0	22.0	8.0	3.0
Yugoslavia (former)	36.8#	59.6#	91.0#	40.3#	36.0E	22.0E	8.0E	3.0E

17. IRON ORE: Value of Imports¹
(concluded)

(million dollars)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994
COUNTRIES								
IN EASTERN EUROPE	877.8	852.7	911.9	815.5	726.3	560.2	589.5	606.0
Bulgaria	51.7E	51.3E	50.5E	42.9#	15.0E	14.0E	10.1e	10.0E
Czechoslovakia (former)	290.0	272.0E	280.0E	284.0E	273.0#	265.0E	-	-
Czech Republic	..	..	..	..	..	..	145.0E	160.0E
Slovakia	..	..	..	..	..	..	107.0E	110.0E
German Dem. Rep. (former)	69.0E	62.0E	102.2#	75.0E	-	-	-	-
Hungary	51.2	47.0E	58.1#	51.5	53.5	45.0E	46.0	50.0
Poland	163.9	157.4	236.0E	209.0E	196.3	188.2	191.0	188.0E
Romania	252.0E	263.0E	185.1	153.1	188.5	48.0	90.4	88.0E
CHINA	269.5	260.0	329.9#	394.1	563.4	764.3	915.0	1020.5

¹ Value of Imports, c.i.f. value of iron ore imported expressed in United States dollars converted using exchange rates indicated by governments or on the basis of rates supplied by I.M.F.

² European Union Total: excluding the European Union's internal trade

18. IRON ORE: Apparent Consumption

(thousand tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	931467	952723	971389	977396	937910	919168	923547	954617	3.4
DEVELOPED MARKET ECONOMY COUNTRIES	352486	367288	374582	378017	366524	342858	323459	348932	7.9
AMERICA	71489	87033	79381	83417	76848	76956	76083	82971	9.1
Canada	12071	14677	16268	13105	12043	14597	11520	12012	4.3
United States	59418	72356	63113	70312	64805	62359	64563	70959	9.9
EUROPE	144853	154128	163059	150176	147938	139292	125842	145123	15.3
<i>European Union</i>	<i>131912</i>	<i>140546</i>	<i>148891</i>	<i>137064</i>	<i>134441</i>	<i>126291</i>	<i>114281</i>	<i>130715</i>	<i>14.4</i>
Belgium-Luxembourg	18382	20788	19776	20262	19473	17975	12715	14920	17.3
Denmark	5	-1	4	-1	1	1	7	33	371.4
France	22882	24874	25812	24247	22545	20051	17273	20073	16.2
Germany	39824	45219	47265	43810	43325	41350	35264	42590	20.8
Greece	-	-	-24	-	-	-	-	-1	-
Italy	16523	16200	18201	17203	17855	15064	16741	16402	-2.0
Netherlands	6944	7339	8026	8221	7827	7495	8532	8532	-
Portugal	794	502	709	469	466	565	589	553	-6.1
Spain	8268	7536	9913	8102	9354	7965	7239	8152	12.6
United Kingdom	18290	18089	19209	14751	13595	15825	15921	19461	22.2
<i>Other Europe</i>	<i>12941</i>	<i>13582</i>	<i>14168</i>	<i>13112</i>	<i>13497</i>	<i>13001</i>	<i>11561</i>	<i>14408</i>	<i>24.6</i>
Austria	6360	6464	6602	6192	6088	5542	5018	5565	10.9
Finland	2909	2957	2600	3158	3070	3308	3361	3519	4.7
Iceland	17	23	17	18	17	17	22	17	-22.7
Norway	631	1080	394	-20	138	-21	280	403	43.9
Sweden	3015	3046	4555	3764	4184	4155	2880	4904	70.3
Switzerland	9	12	-	-	-	-	-	-	-
ASIA	112329	123655	127960	125498	127226	113743	114484	116090	1.4
Japan	112329	123655	127960	125498	127226	113743	114484	116090	1.4
OCEANIA	23815	2472	4182	18926	14512	12867	7050	4748	-32.7
Australia	23196	1584	3182	17644	13488	12115	5979	3503	-41.4
New Zealand	619	888	1000	1282	1024	752	1071	1245	16.2
DEVELOPING COUNTRIES AND TERRITORIES	153540	154989	165112	167073	173524	180748	177874	192646	8.3
AFRICA	21571	20055	23602	20868	20350	21370	16318	19373	18.7
Algeria	3562	3400	2728	2912	2680	2522	2261	2350	3.9
Egypt	2112	2400	2400	2420	2371	3242	3709	3900	5.1
Liberia	296	-971	-447	94	185	432	-800	-	-
Mauritania	118	-223	976	60	-275	168	-90	101	-
Morocco	204	37	39	-13	-12	13	113	25	-77.9
Nigeria	-	152	770	300	150	150	100	-	-
South Africa	13206	13744	15392	13262	13484	13358	10361	12716	22.7
Tunisia	353	267	273	253	269	277	281	281	-
Zimbabwe	1720	1249	1471	1560	1498	1208	383	-	-
AMERICA	56430	60466	59608	59357	59503	62317	59975	69971	16.7
Argentina	4142	4293	4493	3592	2399	3577	3207	3402	6.1
Bolivia	-	-	-11	-100	0	50	56	55	-1.8
Brazil	36817	40697	42102	38007	37440	39829	38112	42790	12.3
Chile	802	898	690	1265	1285	1920	739	1970	166.6
Colombia	615	615	600	628	607	713	600	600	-
Mexico	7419	8289	8198	8477	9288	7573	7940	9165	15.4
Peru	1137	-510	-79	1	1011	-120	1076	5082	372.4
Trinidad and Tobago	-	-	-	988	900	950	1219	1500	23.1
Venezuela	5498	6184	3615	6499	6573	7825	7026	5407	-23.0

18. IRON ORE: Apparent Consumption¹

(concluded)

(thousand tonnes, natural weight)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
ASIA	68475	67439	75167	81252	89999	94761	100781	103051	2.3
Bahrain	..	..	273	347	-84	140	-198	-129	-
Democratic People's Republic of Korea	8600	8700	9700	10200	10200	10200	10700	10700	-
India	22354	17882	17955	22117	25345	26410	25608	29000	13.2
Indonesia	1400	1400	2000	2000	2000	2100	2310	2400	3.9
Iran, Islamic Rep.	1800	1900	2630	3000	3024	3200	3400	4000	17.6
Malaysia	980	659	1103	1579	1542	1933	1632	1710	3.2
Pakistan	1105	1528	1393	1162	1605	1398	1982	1889	-4.7
Qatar	700	800	792	863	900	950	1000	1000	-
Republic of Korea	17117	17151	23134	22870	28730	32079	35793	34460	-3.7
Saudi Arabia	1478	1245	1652	1468	1093	1450	2200	2300	4.5
Singapore	1	10	1	5	2	0	0	0	-
Syrian Arab Republic	..	..	..	22	22	22	22	2	-90.9
Taiwan Province of China	6140	8477	8370	7760	8433	7251	9019	8342	-7.5
Thailand	97	99	160	132	228	459	208	149	-28.4
Turkey	6745	7812	6334	8107	7394	6669	6894	7128	3.4
United Arab Emirates	160	140	150	100	100	120	110	100	-
Other Asia	-202	-364	-480	-480	-535	380	100	-	-
EUROPE	7064	7029	6735	5597	3672	2300	800	250	-68.7
Yugoslavia (former)	7064	7029	6735	5597	3672	2300	800	250	-68.7
COUNTRIES IN EASTERN EUROPE	269324	265125	257143	248613	204114	174453	154464	136737	-11.5
Bulgaria	4165	3938	3533	3043	1409	765	1185	1523	28.5
Czechoslovakia (former)	16886	16491	15853	15883	13768	12490	..	-	-
Czech Republic	..	..	..	..	..	..	7226	7501	3.8
Slovakia	..	..	..	..	..	..	5874	5284	-10.0
German Dem. Rep. (former)	4300	4200	4000	2800	-	-	-	-	-
Hungary	3403	2885	3263	3202	2700	2400	2800	3200	14.3
Poland	17122	16674	13448	12071	7424	8076	8776	9600	9.4
Romania	17981	16000	15626	11935	7339	2734	3903	5629	44.2
USSR (former)	205467	204937	201420	199679	171474	147988	124700	104000	-16.6
of which	..	..	..	..	..	..	6037	..	-
Kazakhstan	..	..	..	..	..	..	..	..	-
Russian Federation	..	..	..	95185	81064	72206	64845	73300	13.0
Ukraine	..	..	..	105866	86813	76000	65503	45000	-31.3
CHINA	156118	165321	174552	183693	193748	221109	267750	276302	3.2

¹ Apparent consumption: relates to production plus imports minus exports. Stocks not considered

19. IRON ORE: Reported consumption¹

(thousand tonnes, natural weight)

Country or area	1987	1988	1989	1990	1991	1992	1993	1994
Algeria	..	..	2776#	2739#	..	4365#	..	..
Argentina	..	3753#	4675#	..	..	..	..	..
Australia	..	..	10010#	10000#	9363#	..	10949#	8424#
Austria	5665	5850	..	6104#	..	5022#	5206#	5598#
Brazil	32043#	..	26959	23747	24429#	25205#	24847#	26954#
Bulgaria	..	..	..	..	2025	1655	1874	..
Canada	14929#	14871#	15571#	11219#	12506#	14096#	13540#	12682#
Chile	..	..	1095	..	..	..	..	..
Colombia	..	615#	..	725#	705#	..	..	..
Czechoslovakia	15875#	15664#	..	15273	13455	12643#	..	..
Czech Republic	..	..	..	..	..	..	8044#	8567#
Slovakia	..	..	..	..	..	..	5695	5840#
EU	131840	152002	152988#	146771#	145210#	133663#	136796#	..
Belgium-Luxembourg	18198	19765#	19288#	19752#	20081#	17904#	17643#	..
France	22701	24816#	25440#	24393#	23252#	22131#	20768#	22647#
Germany	40550	50295#	50964#	46735#	48598#	44586#	42224#	46762#
Italy	17090	19384#	18787#	18554#	16833#	13759#	19325#	..
Netherlands	7181	7979#	8228#	7901#	7479#	7678#	8445#	8514#
Portugal	639	729#	621#	554#	419#	656#	662#	678#
Spain	7795	7860#	9186#	8814#	9116#	8209#	8753#	..
United Kingdom	17682	21174#	20474#	20068#	19432#	18740#	18960#	19727#
Egypt	..	..	..	3980#	4407#	4200#	3000#	3466#
Finland	3169	3370#	3546#	3633	3035#	3783#	3869	3951#
German Dem. Rep.(former)	4405	..	4307	..	..	..	..	..
Hungary	3563	2885#	3680#	2944	2240	1910	2428	..
Japan 2	101238	129369#	131573#	132161#	131989#	120538#	120538#	121487#
India	26159#	28524#	..	..	..	..	27000	..
Indonesia	..	..	..	..	..	..	2310#	..
Iran, Islamic Rep. of	..	..	..	..	3333#	..	..	..
Kazakhstan	..	..	..	..	..	..	6568#	..
Malaysia	..	201#	154#	..	..	170#	..	..
Mexico	9109#	10983#	10049#	9687#	..	7453#	..	..
Morocco	..	17#	..	..	..	..	..	..
Norway	722	673#	..	..	..	..	..	..
Peru	357	..	..	..	..	..	312#	263#
Philippines	..	34#	..	..	..	..	..	..
Poland	18161	16245#	16200	16638	9776	12037	10000	..
Republic of Korea	..	..	23000#	22968	27890#	..	..	..
Romania	..	..	..	13500#	9369	6254	6024#	..
Saudi Arabia	..	..	..	..	..	..	..	..
South Africa	..	..	..	..	..	11330#	10579#	10741#
Sweden	3500e	3749	4357#	3881#	4363#	3975#	4279#	4411#
Syrian Arab Republic	..	..	..	10#	..	..	..	..
Trinidad and Tobago	..	..	..	1020#	..	..	1132#	..
Thailand	..	..	..	..	..	260#	..	149#
Tunisia	..	350#	203#	..	..	..	..	..
Turkey	5736	7504#	6744#	8734#	7557#	7444#	7171#	7052#
United States	62425#	73602#	73662#	73685#	63662#	73704#	76793#	..
Venezuela	5498	5086	4595#	4977#	6735#	4941#	8085#	..
Yugoslavia (former)	11466	4498	6220#	..	..	..	..	..
Zimbabwe	..	1024#	993#	1030#	841#	884#	414#	177#

¹ Reported consumption: relates to domestic and imported ores in any form (ore, pellets, sinter) consumed in iron and steel plants, as well as ores consumed for non-metallurgical uses. Excluding as far as possible iron ore consumed in agglomeration plants

² Dry weight.

20. IRON ORE: Reported consumption by products, 1994

(thousand tonnes)

Country or area	Non-agglomerated					Agglomerated		TOTAL
	Lumps ¹	Fines & Conc. ²	Pellet-feed ³	Others ⁴	Total	Pellets ⁵	Sinter ⁶	
France	..	..	..	..	3,330	193	19,124	22,647
Germany	..	..	..	..	5,164	14,462	27,136	46,762
Luxembourg	..	..	..	..	13	-	3,650	3,663
Netherlands	..	..	..	..	44	4,754	3,716	8,514
Portugal	..	..	..	..	-	230	448	678
United Kingdom	..	..	..	..	4,749	1,153	13,825	19,727
Egypt	50	2,463	..	..	2,513	1,166	2,250	5,929
Japan	..	..	..	38	20,956	8,755	91,776	121,487
Sweden	-	1,151	-	-	1,151	3,260	-	4,411
Czech Rep.	17	-	-	-	17	2,042	6,508	8,567
Slovakia	-	2,767	-	12	2,779	2,508	3,320	8,607

1 Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines

2 Marketable fine ore, usually below 10mm (or similar size) and/or marketable product from a concentration plant

3 Fine ore or concentrate very fine, usually below 0.1mm

4 Run of mine

5 Iron ore fines agglomerated into a rough ball shape typically 10mm

6 Agglomerated fines or concentrates and other iron-bearing materials

21. IRON ORE: Reported stocks¹

(thousand tonnes)

Country or area	1987	1988	1989	1990	1991	1992	1993	1994
Algeria (Total)	614#	..	..	805#	708#	1401#	..	..
(producers)	..	..	597#	478#	..	444#	..	..
(consumers)	..	..	208#	230#	..	957	..	..
Australia (Total)	..	..	..	..	..	..	18151	20536
(producers)	..	..	..	..	..	..	16857#	17468#
(consumers)	..	..	..	..	..	..	1294	3068#
Austria (Total)	..	..	1237#	..	..	..	..	..
(producers)	..	..	219#	294#	..	430#	229#	179#
(consumers)	..	..	..	943#	..	..	..	..
Bolivia (producers)	..	..	3#	..	..	..	..	..
Brazil (producers)	..	1342#	..	..	6945#	..	..	..
Canada (Total)	6846	7489	8856	..	..	10075	7465	7176
(producers)	2449	3156#	4388#	..	5366#	6357#	3836#	3457#
(consumers)	4397	4333#	4468#	..	..	3718#	3629#	3719#
Chile (Total)	..	..	..	..	..	..	..	..
(producer)	1046#	1095#	..	1062#	767#	..	..	..
(consumers)	..	..	..	..	..	..	..	..
Czechoslovakia(consumers)	..	..	..	..	..	793#	..	..
Czech Republic(consumers)	..	..	..	..	..	..	..	..
Slovakia(consumers)	..	..	..	..	..	..	..	273#
European Union (Total)	19536	17850	19249	17361	17683	16146	13724	..
(producers)	3040#	1972#	1573#	1620#	1482#	1235#	433#	..
(consumers)	16496#	15878#	17676	15741#	16201#	14911#	13291#	..
Belgium (consumers)	1299#	1284#	1336#	1381#	1580#	983#	1286#	..
France (Total)	5328#	3636#	3635#	3665#	3394#	2972#	1545#	..
(producers)	2060#	1069#	880#	1141#	976#	848#	195#	..
(consumers)	2856#	2567#	2955#	2524#	2418#	2124#	1350#	..
Germany (Total)	3569#	3332#	3388#	3252#	3642#	3887#	2934#	2931#
(producers)	82#	22#	48#	44#	66#	80#	0#	0#
(consumers)	3487#	3310#	3340#	3208#	3576#	3807#	2934#	2931#
Italy (Total)	1809#	2118#	2569#	1976#	2039#	1926#	2262#	..
(producers)	0#	0#	0#	0#	0#	0#	..	..
(consumers)	1809#	2118#	2569#	1976#	2039#	1926#	2262#	..
Luxembourg (consumers)	1126#	961#	1017#	984#	905#	777#	572#	..
Netherlands (consumers)	1463#	1347#	1365#	1227#	1513#	907#	1263#	..
Portugal (consumers)	138#	89#	192#	104#	95#	150#	154#	..
Spain (Total)	1686	1910	1896	1488	1597#	1733#	832#	1241#
(producers)	898#	881#	845#	435#	440#	307#	238#	114#
(consumers)	788#	1029#	1051#	1053#	1157#	1426#	594#	1127#
United Kingdom (consumers)	3530#	3173#	3851#	3284#	2898#	2811#	2876#	3264#
Egypt (Total)	513	..	..	1080	700#	2542#	1117#	527#
(producers)	455#	..	..	340#	200#	1390#	662#	25#
(consumers)	58#	..	..	740#	500#	1152#	455#	502#
Finland (Total)	..	..	..	..	235	332#	..	246
(producers)	..	..	..	..	..	..	..	..
(consumers)	..	200#	260#	..	235#	332#	..	246#
Hungary (consumers)	..	227#	455#	320#	..	..	..	..
Iran, Islamic Rep. of (Total)	..	..	..	..	1827	..	..	..
(producers)	..	..	..	..	1189#	..	..	..
(consumers)	..	..	..	..	638#	..	..	..
Japan 2	14232	17118#	19171#	16165#	16725#	14192#	15368#	13121#
Liberia	2500	1800	..	..	..	..	..	..
Malaysia (producers)	..	22#	1#	..	..	..	..	..
(consumers)	..	..	..	..	..	280#	..	..
Mauritania (producers)	..	342#	866#	1426#	381#	..	1100#	1559#
Mexico (Total)	..	..	794	1366#	..	..	..	..
(producers)	..	..	274#	619#	..	644#	..	..
(consumers)	..	..	520#	747#	..	310#	..	..

21. IRON ORE: Reported stocks¹

(concluded)

(thousand tonnes)

Region country or area	1983	1984	1985	1986	1987	1988	1989	1990
Morocco (producers)	..	68#	..	67#	6#	..	..	120#
Norway (producers)	751#	..	..	..	..	..
Peru (producers)	..	781#	..	502#	1189#	..	..	..
(consumers)	49#	..	..	..
Philippines (consumers)	..	4#	..	277#	..	..	..	..
Poland (consumers)	..	9365#	..	..	..	..	..	..
Republic of Korea (Total)	1410	1455	2200	..	..	2030
(producers)	10#	..	-#	..	..	..
(consumers)	1400#	..	2200#	..	..	2030#
Romania (Total)	243	..	..	..	..
(producers)	174#	..	..	..	..
(consumers)	69#	..	..	..	..
Sweden (producers)	1752#	2002#	1879#	2224#	898#	1517#
Turkey (Total)	..	3091	3926	..	2734	2480	3059	2293
(producers)	..	1793#	2310#	..	1329#	1273#	1452#	1499#
(consumers)	..	1298#	1616#	2326#	1405#	1207#	1607#	794#
United States (Total)	22877	20182	25900	22977	28400	22857	20000E	..
(producers)	6312	3296	4575	4795#	4853#	3783#	2504	2754#
(consumers)	16565	16886	15730#	15911#	17612#	19074#	..	16313#
Venezuela (producers)	2033#	2845#	1184#	1969#	1670#	2477#	..	..
Yugoslavia (former) (Total)	..	542	1917#	..	..	..	..	..
(producers)	..	259#	79#	..	..	..	..	..
(consumers)	..	283#	1838#	..	..	..	..	..
Zimbabwe (Total)	..	4782	5848	6045	7124	6833	6809	7953
(producers)	..	4130#	4789#	5091#	5614#	5743#	5768#	38#
(consumers)	..	652#	1059#	954#	1510#	1090#	1041#	7915#

¹ Reported stocks: inventories at the end of calendar year (31 December) held by producers at mines, plants or loading docks; or by consumers at iron, steel or sinter plants, as well as in receiving docks

² Dry weight

22.A IRON ORE: Reported stocks by products (producers), 1994

(thousand tonnes)

Country or area	Non-agglomerated ores							Agglomerated	
	Run of mine ¹	Lumps ²	Fines ³	Concentrates ⁴	Pellet-feed ⁵	Others	Total	Pellets ⁶	Sinter ⁷
Egypt	-	17	8	-	-	-	25	-	-
Mauritania	187	296	688	388	-	-	1,559	-	-
Morocco	100	-	10	10	-	-	120	-	-
Spain	-	-	-	-	-	-	114	-	-
Sweden	-	181	779	1	-	-	961	556	-
Turkey	-	269	988	92	-	-	1,349	150	-
Zimbabwe	38	-	-	-	-	-	38	-	-

22.B IRON ORE : Reported stocks by products (consumers), 1994

(thousand tonnes)

Country or area	Non-agglomerated ores							Agglomerated	
	Run of mine ¹	Lumps ²	Fines ³	Concentrates ⁴	Pellet-feed ⁵	Others	Total	Pellets ⁶	Sinter ⁷
Egypt	-	141	61	-	-	-	202	300	-
European Union	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	2,002	431	498
Italy	-	-	-	-	-	-	-	-	-
Luxembourg	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	790	121	50
Portugal	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	800	242	85
United Kingdom	-	-	-	-	-	-	2,092	431	498
Korea Republic	100	230	1,600	-	-	-	1,930	100	-
Slovakia	-	-	-	-	-	-	172	56	45
Turkey	-	258	481	16	-	-	755	39	-
Zimbabwe	11	163	7,741	-	-	-	7,915	-	-

¹ Marketable unprepared iron ore with more than 20 per cent fines

² Marketable iron ore between 10 and 30mm with usually less than 20 per cent fines

³ Marketable fine ore, usually below 10mm (or similar size).

⁴ Marketable product from a concentrate plant.

⁵ Fine ore or concentrate very fine, usually below 0.1mm.

⁶ Iron ore fines agglomerated into a rough ball shape typically 10mm.

⁷ Agglomerated fines or concentrates and other iron bearing materials.

23. PIG IRON: Production¹

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	508160	537545	545015	532123	507147	499019	502091	510517	1.7
DEVELOPED MARKET ECONOMY COUNTRIES	225613	247376	251122	243746	236080	228207	229834	236298	2.8
AMERICA	53636	60059	60816	57173	52391	55998	56788	57474	1.2
Canada	9719	9498#	10139#	7346	8268	8621	8633	8106	-6.1
United States	43917	50561	50677	49827#	44123#	47377#	48155#	49368#	2.5
EUROPE	92989	102386	104135	100302	98147	92739	92461	97582	5.5
<i>European Union</i>	<i>84752</i>	<i>93681</i>	<i>95134</i>	<i>91777</i>	<i>89564</i>	<i>84517</i>	<i>84011</i>	<i>88626</i>	<i>5.5</i>
Belgium-Luxembourg	10559	11701#	11607#	12082	11839	10779	10593	10987	5.5
France	13236	14786#	15071#	14414	13646	13051	12624	13293	3.7
Germany	28119	32453#	32777#	30098	30989	28548	26970	29923	10.9
Italy	11372	11376#	11788#	11882	10856	10461	11066	11157	0.8
Netherlands	4574	4994#	5163#	4960	4696	4849	5411	5444	0.6
Portugal	430	445#	377#	340	251	402	397	415	4.5
Spain	4804	4691#	5535#	5682	5404	5076	5394	5448	1.0
United Kingdom	11658	13235#	12816#	12319	11883	11351	11556	11959	3.5
<i>Other Europe</i>	<i>8237</i>	<i>8705</i>	<i>9001</i>	<i>8525</i>	<i>8583</i>	<i>8222</i>	<i>8450</i>	<i>8956</i>	<i>6.0</i>
Austria	3417	3664	3823#	3452#	3441#	3074#	3070#	3320#	8.1
Finland	2064	2180#	2300#	2283	2330#	2413#	2535	2599#	8.1
Norway	371	367#	240#	54	-	-	-	-	-
Sweden	2315	2494	2638#	2736#	2812#	2735#	2845	3037#	6.7
Switzerland	70	-	-	-	-	-	-	-	-
ASIA	73419	79221#	80121	80144	79909	73086	73738	73776	0.1
Japan	73419	79221#	80121#	80144#	79909#	73086#	73738#	73776	0.1
OCEANIA	5569#	5710#	6050	6127	5633	6384	6847#	7466	9.0
Australia	5569#	5710#	6050#	6127	5633	6384	6847#	7466	9.0
DEVELOPING COUNTRIES AND TERRITORIES	77667	83817	87155	86203	91320	92437	95043	97684	2.8
AFRICA	9610#	9270	9593E	9289#	9978#	9236#	8623#	8567#	-0.6
Algeria	1499	1500	1300#	1300E	1200E	930#	950E	950E	-
Egypt	1071#	1112	1100E	1068#	1149#	1103#	1185#	1241#	4.7
South Africa	6317	6171	6513	6234	6968	6498	6121	6047	-1.2
Tunisia	163	128	155	148	172	158	165	145	-12.1
Zimbabwe	560	359#	525#	539	489#	547#	202#	184#	-8.0
AMERICA	28199	30295	31454	28153	28243	28686	29561	31207	5.6
Argentina	1775	1596#	2169#	1918	1437	971	990	1389	40.3
Brazil	21121#	23222#	24381	21141	22530#	22982#	23795#	25044	5.2
Chile	613	778	679	675	726	873	917	887	-3.3
Colombia	326	370#	297	323	304	298	235	244	3.8
Mexico	3712#	3678#	3230#	3665#	3039	3404#	3423	3475	1.5
Peru	178#	166#	209	117	207#	158	201	168	-16.4
Venezuela	474	485#	489#	314#	-	-	-	-	-
ASIA	36991	41336	43206	46448	51833	53609	56757	57886	2.0
Democratic People's Republic of Korea	5900E	5900E	5900E	5900E	6000E	6000E	6000E	6000E	-
India	10923	11724#	12080#	12644	14176	15126	15674	17303	10.4
Iran, Islamic Rep.	250E	250E	250E	1267	1952#	2053	1961	1883	-4.0
Malaysia	200E	-	-	-	120E	95#	100E	120E	20.0
Pakistan	905	905	910E	920E	910E	800E	800E	800E	-
Republic of Korea	11057	12578	14840#	15390#	18510#	19323	21776	21239#	-2.5
Taiwan Province of China	3658	5487#	5708#	5491	5561	5292	6096	5941	-2.5
Thailand	10E	10E	10E	10E	10	-	-	-	-
Turkey	4068#	4462#	3508#	4826#	4594#	4920#	4350#	4600#	5.7
Other Asia	20E	20E	-	-	-	-	-	-	-
EUROPE	2867	2916	2902	2313	1266	906	102	24	-76.5
Yugoslavia (former)	2867	2916#	2902#	2313#	1266	906	102	24	-76.5

23. PIG IRON: Production¹

(concluded)

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
COUNTRIES									
IN EASTERN EUROPE	149850	149312	148538	139568	112583	104937	90882	80125	-11.8
Bulgaria	1657	1484	1484	1143	960	848	1023	1100E	7.5
Czechoslovakia (former)	9788	9706	9911#	9667	8479	8034#	-	-	-
Czech Republic	..	..	..	..	..	..	4655	5268#	13.2
Slovakia	..	..	..	..	..	..	3200	3330#	4.1
German Dem. Rep.(former)	2755	2786	2732	2159	-	-	-	-	-
Hungary	2109	2000#	1951	1708	1311	1176	1408	1595	13.3
Poland	10121	9837#	9488	8352	6355	6348	6175	6800	10.1
Romania	9500E	8941#	9051#	6355#	4525#	3111	3191#	3500	9.7
USSR (former)	113920	114558#	113921#	110184#	90953	85420	71230	58532	-17.8
of which									
Kazakhstan	..	..	..	..	..	4659	3544	2432	-31.4
Russian Federation	..	..	..	59200#	48900#	45824	40818	36469	-10.7
Ukraine	..	..	..	..	..	34663#	26999	19984	-26.0
CHINA	55030	57040	58200	62606	67164	73438	86332	96410	11.7

¹ Pig iron: primary iron produced from iron ore mainly in blast furnaces.

24. SPONGE IRON (DRI)¹: Production

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	13630	13872	15501	17258	19199	20921	24392	28203	15.6
DEVELOPED MARKET ECONOMY COUNTRIES	1140	1330	1349	1432	1332	1815#	2101#	2209#	5.1
AMERICA	940	1060	996	1122	970	1028#	1184#	1257#	6.2
Canada	730	770	705	732	560	639	744#	770	3.5
United States	210	290	291	390	410	389#	440#	487#	10.7
EUROPE	200	270	353	310	362	403#	275#	389#	41.5
EU	200	270	353	310	260	300	180	280	55.6
Germany	200	270	353	310	260	300	180	280	55.6
EFTA	-	-	-	-	102	103#	95#	109#	14.7
Sweden	-	-	-	-	102	103#	95#	109#	14.7
OCEANIA	-	-	-	-	-	384	642	563	-12.3
New Zealand	-	-	-	-	-	384	642	563	-12.3
DEVELOPING COUNTRIES AND TERRITORIES	11230	10862	12452	14136	16167	17526	20751	24284	17.0
AFRICA	1450	1632	1880	2191	2417	2633#	2691	2646#	-1.7
Egypt	470	770	817	710	617	826#	837	774#	-7.5
Libyan Arab Jamahiriya	-	-	90	500	790	847	944	852	-9.7
Nigeria	140	132	133	121	110	50	40	40	-
South Africa	840	730	840	860	900	910	870	980	12.6
AMERICA	6453	5938	6357	7016	8226	8646	9367	10326	10.2
Argentina	1040	1067	1166	1035	960	1017	1156	1269	9.8
Brazil	200	195	239	280	226	230#	250#	218	-12.8
Mexico	1551	1686	2163	2525	2490	2394#	2737	3197	16.8
Peru	52	49	50	30	24	30	-	20	-
Trinidad and Tobago	490	593	695	800	710	675	734#	912	23.4
Venezuela	3120	2348	2044	2346	3816	4300	4490	4710	4.9
ASIA	3327	3292	4215	4929	5524	6247	8693	11312	30.1
India	177	195	360	750	1180	1440	2210	3120	41.2
Indonesia	1030	980	1210	1410	1430	1370	1395#	1620	16.1
Iran, Islamic Rep.o	-	-	40	300	584	709	1770	2861	61.6
Iraq	-	100	200	170	-	-	-	-	-
Malaysia	590	427	644	620	620	480#	710	990	39.4
Myanmar(Union of)	20	20	20	20	20	20	20	10	-50.0
Qatar	470	495	534	574	570	617	573	600	4.7
Saudi Arabia	1040	1075	1207	1085	1120	1611	2015	2111	4.8
COUNTRIES OF EASTERN EUROPE	1260	1680	1700	1690	1700	1580	1540	1710	11.0
USSR (former)	1260	1680	1700	1690	1700	1580	1540	1710	11.0

¹ Sponge iron or DRI, primary iron produced through direct reduction, without exceeding the melting temperature

25. METALLICS : Reported consumption¹, 1992-1994

(thousand tonnes)

Country or area	Pig iron			Sponge iron			Ferrous scrap ²		
	1992	1993	1994	1992	1993	1994	1992	1993	1994
Australia	..	7,580	..	-	-	-	1,276	1,220	..
Brazil	20,552	21,100	..	229	250	..	6,086	6,761	..
Bulgaria	850	998	..	..	..	..	853	..	..
Canada	8,846	9,027	..	-	-	-	6,431	7,395	..
EU	83,812	..	..	..	..	..	62,676	63,209	..
Belgium-Lux.	10,809	10,566	..	..	..	3,905	4,297	..	..
Denmark	66	..	..	..	..	..	571	572	..
France	12,440	11,300	..	..	..	..	7,383	7,177	..
Germany	27,612	26,300	..	..	..	..	15,598	14,548	..
Greece	-	..	..	..	..	..	1,012	1,094	..
Ireland	-	-	-	-	-	-	287	360	..
Italy	11,084	11,180	..	..	..	..	17,172	17,447	..
Netherlands	4,847	5,405	..	..	..	..	1,059	1,177	..
Portugal	382	..	..	..	..	..	478	552	..
Spain	4,810	..	..	..	..	..	9,105	9,420	..
United Kingdom	11,747	11,836	11,552	..	..	..	6,106	6,565	..
Egypt	1,064	1,185	1,098	..	..	780	1,160	335	144
Finland	2,413	2,515	2,569	-	-	-	601	..	1000
Hungary	1,171	1,407	..	..	..	..	538	..	..
Indonesia	..	262	..	..	1,634	..	..	2,502	..
Japan	72,595	73,599	71,913	-	-	-	42,720	43,126	43,121
Malaysia	63	..	..	60	..	..	66	..	..
Peru	136	197	..	2	-	21	242	231	..
Poland	5,965	5,332	..	..	..	..	5,098	..	..
Republic of Korea	..	..	22,962	-	-	429	11,933	..	16,235
Romania	2,978	3,143	..	..	..	..	3,459	..	..
Slovak Rep.	..	3,228	..	..	..	..	..	..	..
Slovenia	314	..	..	..	..	..	..	..	..
Sweden	2,720	2,820	2,999	-	-	-	..	..	2,707
Thailand	159	..	44	..	-	-	863	..	1,524
Turkey	4,920	4,940	5,495	38	33	3	7,900	8,130	8,965
Russian Federation	..	38,678	33,819	..	..	..	..	..	..
United States	47,096	47,888	..	..	..	..	47,091	53,043	..
Venezuela	-	1	..	2,468	2,370	..	1,234	1,088	..
Zimbabwe	18	200	177	-	-	-	..	38	..

¹ Reported consumption in iron and steel works.² Ferrous scrap high in Fe used by the steel industry.

26. METALLICS: Reported exports, 1992-1994

(thousand tonnes)

Country or area	Pig iron			Sponge iron			Ferrous scrap 2		
	1992	1993	1994	1992	1993	1994	1992	1993	1994
Australia	37	..	..	-	-	-	1,000	..	399
Brazil	2,415	2,078	2,631	-	-	-	1	15	1
Bulgaria	6	-	1	-	-	-	-	-	-
Canada	85	61	64	-	76	-	1,120	1,300	1,639
China	619	336	1,540	-	-	-	71	48	22
Czechoslovakia	-	79	..	60	..	..	886	..	..
Czech Republic	-	-	198	-	-	-	-	-	987
Slovak Republic	-	-	198	-	-	-	-	-	202
France	383	5	424	1	-	-	3,520	4,017	3,793
Germany	298	221	162	-	1	-	8,461	8,533	7,640
India	17	689	..	-	-	-	39	25	..
Japan	264	284	1,200	-	1	-	1,722	1,568	903
New Zealand	..	..	..	..	..	..	38	21	39
Norway	..	..	..	0	..	..	3	2	..
Russian Federation	..	2,540	3,100	..	..	..	..	..	..
Spain	-	57	1	-	-	-	..	..	..
Sweden	32	45	30	9	9	11	66	231	350
Thailand	-	-	-	-	-	-	14	33	46
Turkey	88	84	92	-	-	9	11	15	33
Trinidad & Tobago	..	-	..	..	224	..	..	26	..
United Kingdom	16	10	2	2	-	-	2,801	3,778	3,563
United States	35	27	56	0	17	17	9,203	9,869	8,839
Latvia	..	-	..	..	..	-	..	..	2
Venezuela	-	-	-	667	440	..	114	93	..
Zimbabwe	..	4	..	..	..	-	22	81	..

27. METALLICS : Reported imports, 1992-1994

(thousand tonnes)

Country or area	Pig iron			Sponge iron			Ferrous scrap 2		
	1992	1993	1994	1992	1993	1994	1992	1993	1994
Australia	-	-	13	-	-	33	-	-	49
Bulgaria	9	..10	-	-	-	-	-	0	..
Canada	27	29	59	-	-	..	871	..	..
China	154	810	312	-	-	-	1,275	2,990	2,134
Colombia	6	2	..	5	16	..	190	316	..
Egypt	75	112	168	9	-	30	110	120	289
Finland	..	..	..	7	-	-	53	-	260
France	327	160	186	22	-	-	1,217	1,100	1,400
Germany	286	234	385	16	1	1	812	930	1,010
India	102	4	..	-	1	..	3,049	1,178	..
Japan	1,477	1,636	1,811	135	192	200	328	913	1,068
Latvia	12	14	30	-	-	-	4	0	2
Malaysia	165	101	..	1	-	-	705	1,417	..
Mexico	15	18	20	106	..	0	725	852	..
Moldova Rep.	..	5	2	..	..	..	..	1	4
New Zealand	-	-	-	5	-	-	-	75	13
Norway	3	5	8	25	30	8	133	224	200
Philippines	13	91	..	152	..	..	52	53	..
Republic of Korea	1,069	1,482	1,764	270	434	429	3,137	4,915	4,967
Romania	3	19	..	-	-	-	-	1	..
Slovak Rep.	..	..	..	..	..	..	..	..	61
Slovenia	13	12	..	-	0	-	1	2	..
Spain	104	145	232	112	135	222	4,240	4,033	4,623
Sweden	16	25	43	-	-	-	281	468	662
Thailand	159	..	44	-	-	8	865	1,458	1,157
Trinidad and Tobago	..	..	..	..	..	..	..	5	..
Turkey	396	698	564	33	3	-	4,434	6,373	5,917
United States	496	827	2,441	542	1,015	910	1,305	1,545	1,876
Venezuela	304	-	-	131	-	-	23	21	..

28. CRUDE STEEL¹: Production

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
WORLD	735197	778505	784829	768742	734423	721391	729432	723410	-0.8
DEVELOPED MARKET ECONOMY COUNTRIES	340045	369756	373472	368694	359380	349104	357037	362457	1.5
AMERICA	95643	105555	104330	101219	92745	98275	103200	102452	-0.7
Canada	14737	14866#	15458#	12281	12987	13933	14387#	13897	-3.4
United States	80876#	90649#	88852#	88918#	79738#	84322#	88793#	88555	-0.3
EUROPE	139239	151461	153651	149660	149949	144954	145943	152398	4.4
<i>European Union</i>	<i>125958</i>	<i>137426</i>	<i>139578#</i>	<i>136572</i>	<i>137522</i>	<i>132399</i>	<i>132181</i>	<i>138810</i>	<i>5.0</i>
Belgium-Luxembourg	13085	14883#	14687#	14953	14710	13398	13464	14392	6.9
Denmark	605	650#	624#	609	632	591	603	723	19.9
France	17432	18598#	18692#	19021	18401	17961	17109	18031	5.4
Germany 2	36248	41023#	41073#	38434	42169	39711	37625	40837	8.5
Greece	908	959#	956#	999	980	924	980	890	-9.2
Ireland	220	271#	324#	326	293	257	326	266	-18.4
Italy	22819	23762#	25216#	25472	25110	24842	25717	26057	1.3
Netherlands	5082	5518#	5681#	5412	5171	5439	5983	6171	3.1
Portugal	732	811#	761#	746	573	769	775	722	-6.8
Spain	11691	11806#	12765#	12705	12932#	12295	12974	13435	3.6
United Kingdom	17136	19065#	18799#	17895	16551	16212	16625	17286	4.0
<i>Other Europe</i>	<i>13281</i>	<i>14035</i>	<i>14073</i>	<i>13088</i>	<i>12427</i>	<i>12555</i>	<i>13762</i>	<i>13588</i>	<i>-1.3</i>
Austria	4301	4560#	4718#	4291#	4186	3953	4149#	4399#	6.0
Finland	2668	2798#	2921#	2861	2600#	2748#	3256	2979#	-8.5
Norway	851	910#	678#	376#	438#	446#	506	455	-10.1
Sweden	4595	4779	4692#	4455#	4248#	4358#	4591#	4955#	7.9
Switzerland	866	988	1064	1105	955	1050	1260	800	-36.5
ASIA	98629	105780#	108009#	110466	109739#	98240#	99743	98414	-1.3
Israel	116	99	100	135	90	109	120e	120E	-
Japan	98513	105681#	107909#	110331	109649#	98131#	99623	98294	-1.3
OCEANIA	6534	6960	7482	7349	6947	7635	8151	9193	12.8
Australia	6125#	6400#	6800#	6630#	6141	6877	7298#	8427#	15.5
New Zealand	409	560	682	719	806	758	853	766	-10.2
DEVELOPING COUNTRIES AND TERRITORIES	114367	124900	130623	130421	138818	144783	155340	159503	2.7
AFRICA	12797	13119	13800	13381	14517	13632	13981	13408	-4.1
Algeria	1533	1412	1042	836	840#	820#	865	807	-6.7
Egypt	1433	2025	2114	2247	2557	2524	2772	2791#	0.7
Libyan Arab Jamahirriya	10E	10E	10E	492	718	789	960	874	-9.0
Nigeria	137#	139#	213#	220	250	200	191	150	-21.5
South Africa	8836	8709	9567	8738	9358	8496#	8726	8320	-4.7
Tunisia	188	162	197	184	193	181	182	183	0.5
Zaire	6E	5E	5E	5E	-	-	-	-	-
Zimbabwe	597	602	592#	579	526#	547#	220#	194#	-11.8
Other Africa	57E	55E	60E	80E	75	75	65	89	36.9
AMERICA	39518	42194	42547	38582	39445	42171	43334	45746	5.6
Argentina	3603#	3624#	3893#	3657	2972	2680	2886	3289	14.0
Brazil	22228#	24657#	25017	20582	22617#	23934#	25207#	25747#	2.1
Chile	720	899	813	773	805	994	1069	1040	-2.7
Colombia	690	712	706	710	664	689	685	702	2.5
Cuba	402	363	432#	340#	300E	200E	90	131	45.6
Honduras	8E	10E	9E	9E	10E	10E	10E	1	-
Mexico	7642#	7779#	7851#	8726#	7964#	8435#	9199	10172	10.6
Peru	400#	463#	397	284	235#	300	225#	506	124.9
Trinidad and Tobago	388	363	347	380#	444	532	492	631	28.3
Uruguay	30	30	37	38	44	53	36	36	-
Venezuela	3297#	3165#	2942#	2997	3304	4263	3352	3411	1.8
Other America	110E	129E	103E	86E	80	81e	83	80	-3.6

28. CRUDE STEEL¹: Production
(concluded)

(thousand tonnes)

Region country or area	1987	1988	1989	1990	1991	1992	1993	1994	% change 94/93
ASIA	57715	65140	69794	74870	82581	87367	97319	99647	2.4
Bangladesh	82	70	86	90	100	100	100E	100E	-
Democratic People's Republic of Korea	6730	6830	6830	7000	7000	7000	7000	6500E	-7.1
India	13121	14309	14608	14963	17100	18117	18155	18227	0.4
Indonesia	2059	1850	2303#	2892	3089	2949	3442#	3900E	13.3
Iran, Islamic Rep.	839	978	1081	1425	2203#	2937	3672	4498	22.5
Kuwait	100E	100E	100E	100E	100E	120e	110e	-	-
Malaysia	600	700	800	1100	1130	1559	1807	1850E	2.4
Pakistan	1000	1200	950	780	870	853	992	1000E	0.8
Philippines	261#	252#	400E	400E	605	497	623	640E	2.7
Qatar	492	527	585	571	564	575	620	572	-7.7
Republic of Korea	16782	19118	21873	23126	26001	28054	33027	33745#	2.2
Saudi Arabia	1365	1614	1810	1833	1783	1823	2318	2411	4.0
Singapore	441	432	495	489	510	482	520	530E	1.9
Taiwan Province of China	5915	8288	9047	9747	10973	10705	11970	11594	-3.1
Thailand	534	535	550E	600E	715#	810#	954e	1390#	45.7
Turkey	7044#	7983#	7901#	9322#	9335#	10252#	11414#	12070#	5.7
Viet Nam	70	74	85	102	183	219	270	300E	11.1
Other Asia	280E	280E	290E	330E	320E	315E	325E	320E	-1.5
EUROPE	4367	4487	4502	3608	2295	1633	726	702	-3.3
Yugoslavia (former)	4367#	4487#	4502#	3608#	2295	1633	726	702	-3.3
COUNTRIES IN EASTERN EUROPE	224505	224418	219304	203278	165789	147467	127602	109918	-13.9
Albania	137	210	205	143	28	20	19	19	-
Bulgaria	3044	2880	2899	2180#	1615#	1552#	1941	2390E	23.1
Czechoslovakia (former)	15416	15379#	15465#	14813	12071	11144#	-	-	-
Czech Republic	..	..	..	..	..	..	6776#	7085#	4.6
Slovakia	..	..	..	..	..	..	3963	3902#	-1.5
German Dem. Rep.(former)	8243	8133	7829	5587	-	-	-	-	-
Hungary	3622	3580#	3305	2962	1862	1559	1736	1924	10.8
Poland	17146	16885#	15094	13553	10432	9867	9936	11064	11.4
Romania	14962	14314#	14415#	9754#	7115#	5372	5446#	5793	6.4
USSR (former)	161935	163037#	160092#	154286#	132666	117953	97785	77741	-20.5
of which									
Kazakhstan	..	..	..	..	5940	5675	4279	2840	-33.6
Latvia	..	..	..	..	373#	246#	300#	332#	10.7
Russian Federation	..	..	..	89600	77076	67003	58236	48762	-16.3
Ukraine	..	..	..	52646#	44995#	41759	32357	23793	-26.5
CHINA	56280	59431	61430	66349	70436	80037	89453	91532	2.3

¹ Crude steel: raw form of steel measured at the first stage of solidification except for liquid steel casting

² The statistical series for the former German Democratic Republic stops in 1990. This should be taken into account for the comparison of the total of countries in eastern Europe which will be lower and the total in the European Union which will be higher

Annex. Iron-ore questionnaire

Replies

Country or area	Date of reply	A		B				C	D			E	
		A.1	A.2	B.1	B.2	B.3	B.4		D.1	D.2	D.3	E.1	E.2
Australia	24 March 95	#	#	.	.	#	.	#	#	.	#	#	#
Austria	29 June 95	#	#	#	#	#	.	#	.	#	#	#	.
Bulgaria	3 April 95	.	.	.	.	.	.	.	.	#	#	#	.
Brazil	6 June 95	#	#	#	#	#	.	#	#	#	#	#	.
Canada	13 March 95	#	#	#	#	#	.	#	#	#	#	#	.
Czech Republic	5 May 95	.	.	#	#	#	.	#	#	#	#	#	.
European Union	29 June 95	#	#	#	#	#	#	#	#	#	#	#	.
Egypt	7 March 95	#	#	#	#	#	#	#	#	#	#	#	.
Finland	19 June 95	.	#	#	#	#	.	#	.	#	#	#	.
Honduras	27 March 95	.	.	.	.	.	.	#	.	#	#	#	.
Korea Republic	14 April 95	#	#	#	#	#	#	#	.	#	#	#	.
Latvia	22 March 95	.	.	.	.	#	.	#	#	#	#	#	.
Mauritania	3 July 95	#	.	.	.	.	.	#	#	#	#	#	.
Mexico	31 March 95	#	#	.	.	.	.	#	#	#	#	#	.
Morocco	8 February 95	#	.	.	.	.	.	#	#	#	#	#	.
Norway	31 March 95	#	.	.	.	.	.	#	#	#	#	#	.
Peru	21 June 95	#	#	#	#	.	.	#	#	#	#	#	.
Slovakia	31 March 95	#	#	#	#	#	.	#	#	#	#	#	.
South Africa	5 April 95	#	.	#	.	.	.	#	#	#	#	#	.
Sweden	5 April 95	#	#	#	#	#	#	#	#	#	#	#	.
Thailand	5 April 95	#	.	#	#	#	#	#	.	#	#	#	.
Turkey	9 May 95	#	.	#	#	#	#	#	.	#	#	#	.
United States	6 June 95	#	#	.	.	.	.	#	#	#	#	#	#
Zimbabwe	15 May 95	#	#	#	#	#	.	#	.	.	.	#	#

CONTENTS: Iron ore**A. Production and production capacity**

A.1. Iron production by products

A.2. Production of agglomerates by iron and steel producers

B. Consumption

B.1. Iron-ore consumption by products

B.2. Iron-ore consumption by source

B.3. Iron-ore consumption in metallurgical uses

B.4. Iron-ore consumption in non-metallurgical uses

C. Stocks**D. International Trade**

D.1. Volume of exports by destination and product type

D.2. Volume of imports by origin and product type

D.3. Value of exports and/or imports

E. Production Capacity

E.1. Planned additions

E.2. Planned reductions

Note:

Burkina Faso, Guinea, Latvia, Jordan, Mali replied to the questionnaire but have no iron-ore or steel industry.

Annex. Iron-ore questionnaire

Replies (concluded)

Country or area	Date of reply	F.1			F.2	F.3			G.1			G.2	H		
		F.1.1	F.1.2	F.1.3		F.3.1	F.3.2	F.3.3	G.1.1	G.1.2	G.1.3		H.1	H.2	H.3
Australia	24 March 95	#	#	-	#	#	-	#	#	-	#	-	#	#	-
Austria	29 June 95	#	-	-	-	#	-	#	-	-	-	-	-	#	#
Bulgaria	3 April 95	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	6 June 95	#	#	-	#	#	#	#	#	#	-	-	#	#	#
Czech Republic	5 May 95	#	-	-	-	#	#	#	#	#	#	-	#	#	#
Egypt	13 March 95	#	#	#	-	#	#	#	#	#	#	-	#	#	#
Ethiopia	19 April 95	-	-	#	-	#	#	-	#	#	-	-	-	#	#
Finland	19 June 95	#	#	-	-	#	#	#	#	#	-	-	#	-	#
Honduras	7 March 95	-	-	-	-	#	-	-	-	-	-	-	-	-	-
Korea Republic	14 April 95	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Latvia	22 March 95	#	-	-	-	#	#	#	#	#	-	-	-	#	#
Mexico	31 March 95	-	-	-	-	-	-	-	-	-	-	-	-	#	#
Moldova Rep.	10 February 95	-	-	-	-	-	-	-	-	-	-	-	-	#	#
Norway	31 March 95	-	-	-	#	#	-	-	-	-	-	-	-	#	#
Slovakia	31 March 95	#	-	#	#	#	#	#	#	#	#	#	#	#	#
Sweden	5 April 95	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Turkey	8 May 95	#	-	#	#	#	#	#	#	-	#	#	#	#	#
Thailand	15 April 95	-	-	#	#	#	#	#	#	-	#	#	#	#	#
United States	6 June 95	#	#	#	-	#	#	#	-	-	-	-	-	-	-
Zimbabwe	15 May 95	#	-	#	#	#	#	#	-	#	#	-	-	-	-

CONTENTS : Iron and Crude steel**F.1. Production of Metallics**

F.1.1. Pig iron

F.1.2. Sponge iron or DRI

F.1.3. Ferrous scrap generation

F.2. Production of ferro-alloys**F.3. Crude steel production**

F.3.1. By process

F.3.2. By utilization

F.3.3. Share of continuous casting

G.1. Consumption of metallics

G.1.1. Pig iron

G.1.2. Sponge iron or DRI

G.1.3. Ferrous scrap

G.2. Average consumption of metallics per ton of steel output**H. International trade in metallics**

H.1 Volume of exports of metallics by destination

H.2 Volume of imports of metallics by origin

H.3 Value of exports and/or imports of metallics