



**United Nations Conference
on Trade and Development**

Distr.
GENERAL

TD/B/CN.1/IRON ORE/7
30 July 1993

Original : ENGLISH

TRADE AND DEVELOPMENT BOARD
Standing Committee on Commodities
Intergovernmental Group of Experts
on Iron Ore
Second session
Geneva, 25 October 1993
Item 3 of the provisional agenda

REVIEW OF IRON ORE STATISTICS

Iron ore statistics - 1983-1992

Prepared by the UNCTAD secretariat

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INTRODUCTION

1. This document is issued under the UNCTAD statistical programme on minerals and metal statistics. It contains information, updated in as much as is possible, covering the period 1983-1992. With 27 tables and the same format as in the previous version, it also includes definitions and footnotes with a view to facilitating understanding of the statistics.
2. Improvements to this document take into account the discussions held on statistical issues during past sessions of the Intergovernmental Group of Experts on Iron Ore, as well as their suggestions.
3. The present compilation of iron-ore statistics is primarily based on the replies to the UNCTAD questionnaire on iron ore. The questionnaire was sent to all member States of UNCTAD and to the Commission of the European Communities on 18 January 1993. As of 15 July 1993, some 28 countries in addition to the Commission had responded to the questionnaire. Their replies are summarized in the annex.
4. Data for countries which have not responded to the questionnaire were compiled on the basis of statistics available in the UNCTAD data bank, which collates data on production and trade of several commodities, and/or information directly supplied by governments in the form of magnetic tapes or national statistical publications to the United Nations Statistical Office. Relevant publications of other international organizations have been used to supplement these data.
5. Every possible attempt has been made to tabulate comparable statistics taking into account uniform criteria and commonly agreed upon definitions. Nevertheless, there is room for further improvements in this area. The regular and widespread use of the UNCTAD questionnaire has proved very useful and remains an important tool to this end.
6. Although complete geographical coverage of its statistics is a major aim of the secretariat, some tables in this document present original data based exclusively on replies to the questionnaire, and hence lack complete geographical coverage. It should be acknowledged, however, that a great number of countries did provide additional data.
7. In order to improve the analytical presentation of the tables on iron-ore production (Table 1), iron-ore exports (Table 6), iron-ore imports (Table 10) and iron-ore apparent consumption (Table 17), a column indicating the percentage change of 1992 relative to 1991 has been added.

EXPLANATORY NOTES

1. The following symbols are applicable to all tables:
 - (a) The symbol "#" indicates that the data concerned have been supplied by governments in response to the questionnaire.
 - (b) The symbol "-" indicates that the amount is nil or negligible.
 - (c) The symbol ".." indicates that information is not available.
 - (d) The letter "E" indicates that data have been estimated by the UNCTAD secretariat in the absence of data supplied by Governments and when data are not available from official national publications.
 - (e) The term "tonnes" refers to metric tons.
 - (f) The term "dollars" refers to United States dollars.

2. German reunification on 3 October 1990 increased the territory within the European Economic Community rendering statistical comparison with previous years difficult. In this report, statistics for Germany for 1991 and 1992 represent the enlarged territory. As a result of this new situation, the interpretation of 1991 and 1992 figures should take in account that **totals for developed market-economy countries, as well as for the EEC are higher**; in contrast, **totals for the countries in Eastern Europe are lower** since figures for the former German Democratic Republic are excluded.

3. In order to facilitate statistical analysis, this report shows the 1991 and 1992 figures for the former USSR; however, since 26 December 1991 the name Russian Federation in place of the name Union of Soviet Socialist Republics is to be used in the United Nations. While the UNCTAD secretariat received some statistics from the Russian Federation, Ukraine and Latvia, these data are presented for information only and do not figure in the totals.

4. The Intergovernmental Group of Experts on iron-ore noted the implementation in a large number of countries of the nomenclature of the *Harmonized Commodity Description and Coding System*. There is a close correlation between this system and the *Standard International Trade Classification* (SITC) of the United Nations. The table below gives the concordance between the five statistical international trade codes presently in use: *Standard International Trade Classification* (SITC, Rev.1), *Revised Standard International Trade Classification* (SITC Rev.2 and Rev.3), *Customs Co-operation Council Nomenclature* (CCCN), and *Harmonized Commodity Coding System* (HS).

| Item | SITC Rev.1 | SITC Rev.2 | SITC Rev.3 | CCCN | HS |
|---|---------------|---------------|---------------|-------|--------|
| iron ore and concentrates | | | | | |
| Non-agglomerated | 2813 | 2815 | 2815 | 2601B | 260111 |
| Agglomerated (sinter, pellets, briquettes) | 2813 | 2816 | 2816 | 2601C | 260112 |
| Pig iron in pigs, blocks or other primary forms | 6712 | 6712 | 6712 | 7301 | 720110 |
| Sponge iron or ferrous products obtained by direct reduction of iron ore (DRI) | 67133 | 67133 | 67133 | 7305B | 720310 |
| Ferrous scrap, or waste of cast iron (purchased scrap) | 2820 | 28201 | 2821 | 7303A | 720410 |

DEFINITIONS

| | |
|-------------------------------|--|
| Weight | Natural: natural state of extraction, normally wet. |
| Year | Statistics are presented for the calendar year from 1 January to 31 December. |
| Production | Ores, concentrates, non-agglomerates and agglomerates. Marketable products only. |
| Trade | Quantities of iron-ore traded by type of product in terms of natural weight and Fe content . Value for exports: f.o.b. basis. Value for imports: c.i.f. basis. |
| Run of mine | Marketable unprepared iron-ore with more than 20% fines. |
| Lumps | Unbeneficiated marketable ore, typically between 10 and 30mm. Usually less than 20% fines. |
| Fines | Small particles of marketable ore normally requiring agglomeration (sintering or pelletizing). Usually below 10mm. |
| Concentrates | Marketable ore treated in concentration plant to retain valuable constituents and discard those of no commercial interest. |
| Pellet-feed | Iron-ore fines for pelletizing. Usually very fine, below 0.1mm. |
| Pellets | Iron-ore fines agglomerated into a rough ball shape typically 10mm in diameter. |
| Sinter | Agglomeration of natural ore fines, ore concentrates, flue dust and other bearing materials. |
| Ferrous scrap | Scrap high in Fe content used by the iron-ore and steel industry. |
| Pig iron | Primary iron produced from iron-ore in blast furnaces. |
| Sponge iron-ore or DRI | Primary iron produced through direct reduction without exceeding the melting temperature. |
| Crude steel | Measured at the first stage of solidification, except for liquid steel for casting. |

COMPLEMENTARY SOURCES

Statistical Yearbook, and World Steel in figures,
International Iron and Steel Institute, Brussels.

Monthly Bulletin of Statistics,
United Nations, New York.

Monthly Report of the Iron and Steel Statistics,
Japan Iron and Steel Federation, Tokyo.

Siderurgia Latino-Americana,
Instituto Latino-Americano del Fierro y Acero, Santiago.

Direct from Midrex,
Midrex Corporation, North Carolina, United States.

1. IRON ORE : Production¹

(thousand tonnes, natural weight²)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | % change 92/91 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| WORLD | 777972 | 874910 | 910365 | 914707 | 931714 | 960428 | 986156 | 976452 | 949945 | 902681 | -5.0 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 210798 | 260479 | 266437 | 246690 | 253938 | 262286 | 278047 | 272451 | 281282 | 266396 | -5.3 |
| AMERICA | 71886 | 92030 | 89328 | 76125 | 84164 | 97924 | 99014 | 91491 | 92626 | 89362 | -3.5 |
| Canada | 33326# | 39930# | 39798# | 36679# | 36520# | 40409# | 41142# | 36033# | 37111# | 34449# | -7.2 |
| United States | 38560 | 52100 | 49530 | 39446 | 47644 | 57515 | 57872 | 55458 | 55515# | 54913# | -1.1 |
| EUROPE | 48324 | 52293 | 51865 | 48866 | 43143 | 40401 | 40614 | 36165 | 35239 | 31668 | -10.1 |
| EEC | 26850 | 25833 | 24025 | 20970 | 16598 | 14453 | 14083 | 11907 | 11582 | 8589 | -25.8 |
| Belgium-Luxembourg | 40 | - | - | - | - | - | - | - | - | - | - |
| France | 16180 | 15030 | 14480 | 12560 | 11566 | 9872# | 9319# | 8720# | 7492# | 5706# | -23.8 |
| Germany | 980 | 980 | 1030 | 717 | 247 | 70# | 102# | 84# | 118# | 109# | -7.6 |
| Greece | 1300 | 1452 | 1712 | 1300E | .. | .. | .. | .. | .. | .. | .. |
| Portugal | 30 | 30 | 70 | 50 | 30 | 25 | 20 | 20E | - | - | - |
| Spain | 7940# | 7961# | 6463# | 6054# | 4492# | 4262# | 4610# | 3030# | 3915# | 2746# | -29.9 |
| United Kingdom | 380 | 380 | 270 | 289 | 263 | 224# | 32# | 53# | 57# | 28# | -50.9 |
| EFTA | 21474 | 26460 | 27840 | 27896 | 26545 | 25948 | 26531 | 24258 | 23657 | 23079 | -2.4 |
| Austria | 3540 | 3600 | 3300 | 3120# | 3050# | 2300# | 2410# | 2300# | 2120# | 1650E | -22.2 |
| Finland | 860 | 900 | 800 | 643# | 648 | 557# | - | - | - | - | - |
| Norway | 3540 | 3840 | 3470 | 3660 | 3140 | 2644# | 2358# | 2081# | 2209# | 2152# | -2.6 |
| Sweden | 13534 | 18120 | 20270 | 20473# | 19707 | 20447 | 21763# | 19877# | 19328# | 19277# | -0.3 |
| SOUTH AFRICA | 16605 | 24496 | 24939 | 24483 | 22008# | 25247# | 29958# | 30291# | 28952 | 28226# | -2.5 |
| ASIA | 298 | 324 | 338 | 291 | 295 | 278 | 251 | 208 | 40 | 40 | - |
| Japan | 298 | 324 | 338 | 291# | 295 | 278 | 251 | 208 | 40 | 40E | - |
| OCEANIA | 73685 | 91336 | 99967 | 96925 | 104328 | 98436 | 108210 | 114296 | 124265 | 117100 | -5.8 |
| Australia ³ | 71485# | 89046# | 97447# | 94015# | 101748# | 96084# | 105810# | 112000# | 122000 | 115000E | -5.7 |
| New Zealand | 2200 | 2290 | 2520 | 2910 | 2580 | 2352# | 2400E | 2296# | 2265# | 2100E | -7.3 |
| DEVELOPING COUNTRIES AND TERRITORIES | 197936 | 231413 | 251756 | 263008 | 268914 | 281757 | 290309 | 285778 | 282091 | 267384 | -5.2 |
| AFRICA | 29714 | 32583 | 32543 | 32150 | 30827 | 29982 | 31349 | 22568 | 18208 | 15945 | -12.4 |
| Algeria | 3684 | 3664 | 3380 | 3360# | 3575# | 3400E | 2748# | 2930# | 2700 | 2700E | - |
| Egypt | 2060 | 1889 | 2120 | 1999 | 2112# | 2400# | 2400E | 2420# | 2371# | 1978# | -16.6 |
| Liberia | 15410 | 16100 | 16120 | 15600 | 13806# | 12808# | 12300 | 3981 | 1200 | 1705 | 42.1 |
| Mauritania | 6600 | 9000# | 9203# | 9262# | 9120# | 9782# | 12114# | 11416# | 10194# | 8094# | -20.6 |
| Morocco | 300 | 200 | 140 | 200 | 204 | 117# | 126# | 50# | 54# | 71# | 31.3 |
| Sierra Leone | 360 | 420 | 70 | - | - | - | - | - | - | - | - |
| Tunisia | 300 | 310 | 310 | 310 | 290 | 226# | 190# | 191# | 191# | 189# | -1.0 |
| Zimbabwe | 1000E | 1000E | 1200E | 1419# | 1720# | 1249# | 1471# | 1580# | 1498# | 1208# | -19.4 |
| AMERICA | 120820 | 146460 | 163254 | 165596 | 171788 | 185548 | 192671 | 192851 | 192836 | 182393 | -5.4 |
| Argentina | 1000 | 700 | 900 | 710 | 800 | 1162# | 677# | 444# | 89# | 2# | -97.8 |
| Bolivia ³ | - | - | - | - | - | 15# | 14# | 125# | 102# | 100E | -2.0 |
| Brazil ⁴ | 92100 | 112100 | 128200 | 129054 | 134105# | 146000# | 153743# | 152303# | 150657# | 145820# | -3.2 |
| Chile | 5170 | 5590 | 5840 | 6326# | 6131# | 7295# | 8112# | 7811# | 8691# | 7154 | -17.7 |
| Colombia | 456# | 441# | 455# | 523# | 615 | 615# | 600 | 628# | 607# | 600E | 15.3 |
| Mexico | 8420 | 10543 | 8103 | 7581 | 7374 | 7830# | 7538# | 8114# | 9138 | 7763# | -3.0 |
| Peru ³ | 4225 | 4031 | 4992 | 5195# | 5567# | 4158# | 3935 | 3307# | 3593# | 2900 | -19.3 |
| Venezuela | 9449 | 13055 | 14764 | 16207# | 17196 | 18473# | 18052# | 20119# | 19959# | 18054# | -9.5 |
| ASIA | 42384 | 47055 | 50481 | 58644 | 60316 | 60684 | 61852 | 66227 | 68875 | 67746 | -2.7 |
| India | 38089# | 42310# | 44090# | 51169# | 51335# | 49961# | 51434# | 53702# | 56884# | 54872# | -3.5 |
| Iran, Islamic Rep. of | - | - | 1000E | 2000E | 3000E | 4300 | 5630 | 5500E | 6184# | 7000E | 13.2 |
| Malaysia | 100 | 160 | 182 | 208 | 161 | 209# | 193# | 348 | 384 | 270E | -29.7 |
| Republic of Korea | 591 | 554 | 542 | 525 | 510 | 672 | 344# | 370# | 290# | 300E | -3.4 |
| Thailand | 70 | 70 | 94 | 37# | 97 | 99 | 160 | 132 | 228 | 459# | 101.3 |
| Turkey | 3501# | 3958# | 4573# | 4705# | 5213# | 5443# | 4091# | 6155# | 4885# | 4825# | -1.2 |
| Other Asia | 33 | 3 | - | - | - | - | - | 20 | 20E | 20E | - |
| EUROPE | 5018 | 5315 | 5478 | 6618 | 5983 | 5543 | 4438 | 4132 | 2172 | 1300E | -40.0 |
| Yugoslavia (former) | 5018# | 5315 | 5478 | 6618 | 5983 | 5543# | 4438# | 4132# | 2172 | 1300E | -40.0 |

1. **IRON ORE : Production**¹
(concluded)

(thousand tonnes, natural weight²)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | % change 92/91 |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| COUNTRIES | | | | | | | | | | | |
| IN EASTERN EUROPE | 250958 | 253188 | 253932 | 256379 | 256842 | 253605 | 246700 | 239373 | 201942 | 163463 | -19.1 |
| Bulgaria | 1803 | 2063 | 1985 | 2179 | 1857 | 1826 | 1613 | 1079# | 858# | 349# | -59.3 |
| Czechoslovakia | 1903 | 1869 | 1824 | 1784 | 1798 | 1773 | 1780# | 1710 | 1740 | 726# | -58.3 |
| Germany(former G.D.R.) | 40 | 36 | - | - | - | - | - # | - | - | - | - |
| Hungary | 215 | 193 | 184 | - | - | - | - | - | - | - | - |
| Poland | 10 | 11 | 12 | 9 | 6 | 6 | 7 | 6E | 5E | .. | .. |
| Romania | 1987 | 1916 | 2287 | 2431 | 2281 | 2000# | 2000# | 578# | 477E | 388# | -18.7 |
| USSR (former) | 245000 | 247100 | 247640 | 249976 | 250900 | 248000# | 241300# | 236000# | 198862# | 162000E | -18.5 |
| of which | | | | | | | | | | | |
| Ukraine | .. | .. | .. | .. | .. | .. | .. | 105866# | 86813# | .. | .. |
| Russia | .. | .. | .. | .. | .. | .. | .. | .. | 92200 | 82100 | -10.9 |
| SOCIALIST COUNTRIES | | | | | | | | | | | |
| OF ASIA | 118280 | 129830 | 138240 | 148630 | 152020 | 162780 | 171100 | 178850 | 184790 | 205438 | 11.1 |
| China | 110280 | 121830 | 130240 | 140630 | 144020 | 154780 | 162100 | 169350 | 175290 | 195938 | 11.8 |
| Other Socialist Asia | 8000 | 8000 | 8000 | 8000 | 8000 | 8000 | 9000E | 9500E | 9500E | 9500E | - |

1 Production: includes ores, concentrates and iron ore agglomerated. Marketable products only.

2 Natural weight: natural state of extraction, normally wet.

3 Dry weight.

4 Pellets not included.

2. IRON ORE : Production

(thousand tonnes, Fe content)¹

| Region country or area | % Fe | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|-------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|
| WORLD | | 425938 | 483895 | 500728 | 502662 | 518612 | 550149 | 566490 | 557233 | 539476 | 506960 |
| DEVELOPED MARKET ECONOMY COUNTRIES | | 124423 | 155394 | 159570 | 149631 | 154652 | 161136 | 172251 | 168540 | 173138 | 165118 |
| AMERICA | | 44325 | 56564 | 54934 | 46995 | 51926 | 60375 | 62597 | 57857 | 58576 | 56511 |
| Canada | 63.3 | 21189# | 25304# | 25216# | 23229# | 23340# | 25866# | 26022# | 22808# | 23491 | 21806 |
| United States | 63.2 | 23136 | 31260 | 29718 | 23766 | 28586 | 34509 | 36575 | 35049 | 35085 | 34705 |
| EUROPE | | 21786 | 24577 | 24801 | 24878 | 22044 | 21354# | 21019# | 19059# | 18835# | 17625# |
| EEC | | 9386 | 9101 | 8596 | 7815 | 5816 | 5152# | 5124# | 4057# | 4067# | 2985# |
| Belgium-Luxembourg | - | 10 | - | - | - | - | - | - | - | - | - |
| France | 28.8 | 4854 | 4509 | 4529 | 4198 | 3566 | 3119# | 2945# | 2650# | 2255# | 1643# |
| Germany | 14.0 | 294 | 294 | 309 | 212 | 68 | 10# | 14# | 12# | 17# | 15# |
| Greece | - | 559 | 624 | 736 | 559 | - | - | - | - | - | - |
| Portugal | - | 17 | 17 | 36 | 26 | 15 | 13# | 10 | 10 | 10 | - |
| Spain | 48.1 | 3553# | 3558# | 2926# | 2761# | 2109# | 1961# | 2148# | 1373# | 1773# | 1321# |
| United Kingdom | 20.4 | 99 | 99 | 60 | 59 | 58 | 49# | 7# | 12# | 12# | 6# |
| EFTA | | 12400 | 15476 | 16205 | 17063 | 16228 | 16202 | 15895 | 15002 | 14768 | 14640 |
| Austria | 32.6 | 1132 | 1152 | 1056 | 1006 | 976# | 744# | 781# | 749# | 691 | 538 |
| Finland | - | 576 | 594 | 528 | 432# | 402 | 373# | - | - | - | - |
| Norway | 65.0 | 2301 | 2496 | 2256 | 2379 | 2041 | 1692# | 990# | 1352# | 1436# | 1399# |
| Sweden | 65.9 | 8391 | 11234 | 12365 | 13246# | 12809 | 13393# | 14124# | 12901# | 12641# | 12703# |
| SOUTH AFRICA | 65.4 | 10793 | 15922 | 16210 | 15914 | 14297 | 16461# | 19461# | 19689 | 18819 | 18460# |
| ASIA | | 174 | 186 | 197 | 162 | 168 | 158 | 136 | 112 | 22 | 22 |
| Japan | 54.0 | 174 | 186 | 197 | 162 | 168 | 158 | 136 | 112 | 22 | 22 |
| OCEANIA | | 47345 | 58145 | 63428 | 61682 | 66217 | 62788 | 69038 | 71823# | 76886 | 72500 |
| Australia | 62.0 | 46135# | 56885# | 62042# | 60082# | 64798# | 61494# | 67718# | 70560# | 75640 | 71300 |
| New Zealand | 55.0 | 1210 | 1260 | 1386 | 1600 | 1419 | 1294 | 1320 | 1263# | 1246 | 1200 |
| DEVELOPING COUNTRIES AND TERRITORIES | | 122428 | 144164 | 153531 | 161793 | 169876 | 180232 | 186792# | 181862 | 179930 | 170765 |
| AFRICA | | 17524E | 19592E | 19514 | 19272 | 19250 | 18695 | 19347 | 13534 | 11096 | 9381 |
| Algeria | 52.0 | 1842 | 1869 | 1705 | 1679 | 1691 | 1598 | 1429# | 1524# | 1404 | 1404 |
| Egypt | 53.0 | 750E | 850E | 950 | 950 | 1120# | 1250# | 1250 | 1287# | 1261# | 1048# |
| Liberia | 67.0 | 9400 | 9821 | 9833 | 9516 | 9250 | 8581 | 8241 | 2667 | 804 | 1142 |
| Mauritania | 61.1 | 4369# | 5850# | 5982# | 6020# | 5928# | 6358# | 7401# | 7009# | 6626# | 4945# |
| Morocco | 60.0 | 176 | 116 | 81 | 116 | 116 | 71# | 75# | 30# | 32# | 43# |
| Sierra Leone | - | 192 | 224E | 37 | - | - | - | - | - | - | - |
| Tunisia | 50.0 | 155 | 158 | 158 | 158 | 131 | 113 | 95 | 96 | 96 | 94 |
| Zimbabwe | 58.3 | 640E | 704 | 768 | 833# | 1014 | 724# | 856# | 921# | 873# | 705# |
| AMERICA | | 77075 | 93485 | 100748 | 103744 | 111036 | 122300 | 126992 | 124930 | 124787 | 118313 |
| Argentina | 64.5 | 540 | 378 | 486 | 383 | 432 | 748# | 437# | 286 | 55 | - |
| Bolivia | 60.0 | - | - | - | - | - | 9 | 8 | 75# | 61 | 60 |
| Brazil | 65.0 | 58944 | 71744 | 78323# | 80771 | 87168# | 97090# | 102241# | 98997# | 97927# | 94783# |
| Chile | 64.1 | 3205 | 3466 | 3683 | 4145# | 4017 | 4778# | 5267# | 5111# | 5572# | 4586 |
| Colombia | 45.3 | 205# | 198# | 205# | 235# | 399# | 277# | 270 | 283# | 275# | 317 |
| Mexico | 66.8 | 5220 | 6510 | 5161 | 4960 | 5200 | 5167# | 5013# | 5436# | 6104 | 5186# |
| Peru | 66.2 | 2814 | 2698 | 3329 | 3364# | 3674 | 2684# | 2538 | 2182# | 2379# | 1920 |
| Venezuela | 63.5 | 6147 | 8491 | 9561 | 9886# | 10146 | 11547# | 11218# | 12560# | 12414# | 11461# |
| ASIA | | 26073 | 29386 | 31516 | 36659 | 37676 | 37463 | 38412 | 41498 | 43048 | 42473 |
| India | 63.0 | 23693# | 26750# | 27918# | 32392# | 32550# | 31720# | 32484# | 34369# | 35837 | 34569 |
| Iran, Islamic Rep. of | 61.6 | - | - | 550 | 1100 | 1650 | 2365 | 3096 | 3025 | 3811 | 4312 |
| Malaysia | 60.0 | 56 | 90 | 90 | 118 | 112 | 121# | 116# | 204 | 230 | 162 |
| Republic of Korea | 60.0 | 364 | 308 | 302 | 297 | 286 | 370 | 193# | 199# | 174# | 330 |
| Thailand | 60.0 | 42 | 37 | 56 | 22 | 58 | 59 | 96 | 79 | 137 | 275# |
| Turkey | 59.0 | 1900# | 2200# | 2600# | 2730# | 3020# | 2828# | 2427# | 3619# | 2856# | 2822# |
| Other Asia | - | 18 | 1 | - | - | - | - | - | 3 | 3 | 3E |
| EUROPE | | 1756 | 1701 | 1753 | 2118 | 1914 | 1774 | 2041# | 1900 | 999 | 598 |
| Yugoslavia (former) | 46.0 | 1756 | 1701 | 1753 | 2118 | 1914 | 1774 | 2041# | 1900 | 999 | 598 |

2. IRON ORE : Production
(concluded)

(thousand tonnes, Fe content)¹

| Region country or area | % Fe | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| COUNTRIES | | | | | | | | | | | |
| IN EASTERN EUROPE | | 136489 | 137696 | 138043 | 138017 | 139677 | 150608 | 146212 | 142703 | 120348 | 97749 |
| Bulgaria | 44.3 | 595 | 681 | 655 | 719 | 613 | 603 | 533 | 321 | 297 | 155 |
| Czechoslovakia | 27.0 | 647 | 636 | 620 | 607 | 611 | 603 | 477# | 462 | 470 | 196 |
| Germany(former German Dem. Rep.) | - | 13 | 12 | - | - | - | - | - | - | - | - |
| Hungary | - | 84 | 75 | 72 | - | - | - | - | - | - | - |
| Poland | - | 3 | 4 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | - |
| Romania | 51.0 | 397 | 383 | 457 | 486 | 456 | 600# | 600# | 318 | 262 | 198 |
| USSR (former) | 60.0 | 134750 | 135905 | 136235 | 136202 | 137995 | 148800# | 144600# | 141600# | 119317 | 97200 |
| of which | | | | | | | | | | | |
| Ukraine | 58.0 | .. | .. | .. | .. | .. | .. | .. | 65631# | 50406# | .. |
| Russiae | 60.0 | .. | .. | .. | .. | .. | .. | .. | .. | 55320 | 49260 |
| SOCIALIST COUNTRIES | | | | | | | | | | | |
| OF ASIA | | 42598 | 46641 | 49584 | 53221 | 54407 | 58173 | 61235 | 64128 | 66104 | 73328 |
| China | 35.0 | 38598 | 42641 | 45584 | 49221 | 50407 | 54173 | 56735 | 59378 | 61354 | 68578 |
| Democratic People's Republic of Korea | 35.0 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4500 | 4750 | 4750 | 4750 |

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

3. IRON ORE: Production by products, 1992

(thousand tonnes, natural weight)

| Country or area | Non-agglomerated | | | | | | Agglomerated | |
|-----------------|--------------------------|--------------------|--------------------|---------------------------|--------------------------|--------|----------------------|---------------------|
| | Run of mine ¹ | Lumps ² | Fines ³ | Concentrates ⁴ | Pellet-feed ⁵ | Others | Pellets ⁶ | Sinter ⁷ |
| Brazil | 197,100 | 27,370 | 86,910 | 37,430 | 31,540 | - | 22,500 | 24,985 |
| Canada | - | - | - | 13,838 | - | - | 19,625 | 985 |
| Czechoslovakia | - | - | - | 125 | - | - | 323 | - |
| Egypt | - | 1,029 | 949 | - | - | - | - | 1,853 |
| France | 5,747 | - | - | - | - | - | - | - |
| Germany | 109 | - | - | - | - | - | - | - |
| India | - | 23,191 | 26,366 | 5,315 | - | - | - | - |
| Mauritania | 1,263 | 1,085 | 4,438 | 1,308 | - | - | - | - |
| Mexico | - | - | - | 7,763 | - | - | 8,047 | 919 |
| Morocco | - | 47 | 12 | 11 | - | - | - | - |
| Norway | - | - | - | 2,152 | - | - | - | - |
| Romania | - | - | - | 388 | - | - | - | - |
| South Africa | 28,226 | - | - | - | - | - | - | - |
| Sweden | - | 1,046 | 7,815 | 100 | - | - | 10,316 | - |
| Turkey | 2,264 | 500 | 500 | 598 | - | - | 963 | - |
| United Kingdom | 28 | - | - | - | - | - | - | - |
| Venezuela | 18,430 | 3,610 | 14,444 | - | - | - | - | - |
| Zimbabwe | - | 821 | 387 | - | - | - | - | - |

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

4. PELLETS¹: Production

(thousand tonnes)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| WORLD | 162948 | 196985 | 204313 | 196474 | 211500 | 230244 | 235838 | 225217 | 211130 | 199501 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 68038 | 91042 | 93279 | 82042 | 90817 | 103772 | 107520 | 99578 | 96319 | 94299 |
| AMERICA | 53355 | 71151 | 71644 | 61656 | 70031 | 82248 | 84398 | 77331 | 75117 | 74625 |
| Canada | 16451# | 20264# | 23920# | 23861# | 24120# | 26291# | 27113# | 22515# | 20462# | 19625# |
| United States | 36904# | 50887# | 47724# | 37795# | 45911# | 55957# | 57285# | 54816# | 54655# | 55000E |
| EUROPE | 8587 | 13290 | 14896 | 14542 | 14852 | 15015 | 16494 | 15869 | 15009 | 14387 |
| EEC | 700 | 4304 | 4213 | 4000 | 4200 | 4506 | 4588 | 4507 | 4013 | 2971 |
| Belgium-Luxembourg | 700 | 604 | 613 | 500 | 500 | 710# | 588# | 663# | 473# | 292# |
| Italy | - | - | - | - | - | - | - | - | - | 507# |
| Netherlands | .. | 3700 | 3600 | 3500 | 3700 | 3796# | 4000# | 3844# | 3540# | 2172# |
| EFTA | 7887 | 8986 | 10683 | 10542 | 10652 | 10509 | 11906 | 11362 | 10996 | 11816 |
| Finland | 332 | 338 | 140 | - | - | - | 480# | - | - | - |
| Norway | 2600 | 2100 | 1800 | 1700 | 1500 | 1400# | 1400 | 1397 | 1211 | 1500 |
| Sweden | 4955 | 6548 | 8743 | 8842# | 9152 | 9109# | 10026# | 9965# | 9785# | 10316# |
| ASIA | 3053 | 3112 | 3014 | 2506 | 2625 | 3109 | 3128 | 3378 | 3393 | 3487 |
| Japan | 3053 | 3112 | 3014 | 2506 | 2625 | 3109# | 3128# | 3378# | 3393# | 3487# |
| OCEANIA | 3043 | 3489 | 3725 | 3338 | 3309 | 3400 | 3500 | 3000 | 2800 | 1400 |
| Australia | 3043# | 3489# | 3725# | 3338# | 3309# | 3400E | 3500E | 3000E | 2800# | 1400E |
| DEVELOPING COUNTRIES AND TERRITORIES | 32677 | 40331 | 42414 | 44082 | 47333 | 53637 | 54568 | 52339 | 49011 | 46879 |
| AFRICA | 3500 | 2600 | 3000 | 2700 | 3060 | 3390 | 3178 | 1675 | 170 | 160 |
| Liberia | 3500 | 2600 | 3000 | 2700 | 3060# | 3215# | 3000 | 1500 | - | - |
| Nigeria | .. | .. | .. | .. | .. | 175# | 178# | 175E | 170E | 160E |
| AMERICA | 29102 | 37661 | 38798 | 40103 | 42766 | 45273 | 45656 | 44162 | 43292 | 41246 |
| Argentina | 546 | 465 | 495 | 646 | 465 | 597 | 658# | 612 | 101 | 10E |
| Brazil | 14480 | 22290 | 22619 | 24268 | 24852 | 26084# | 26990# | 24684# | 24392# | 22500# |
| Chile | 3072 | 3371 | 3607 | 3317 | 3694# | 4073# | 3924# | 4015# | 4154# | 3189 |
| Mexico | 6403 | 7356 | 6640 | 6663# | 7400# | 7937# | 7582# | 8298# | 7634 | 8047# |
| Peru | 1101 | 995 | 1785 | 1916 | 2011 | 1774# | 1848 | 1304# | 1360# | 1800 |
| Venezuela | 3500 | 3184 | 3652 | 3293# | 4344# | 4808# | 4654 | 5249 | 5651 | 5700E |
| ASIA | - | - | 535 | 1203 | 1451 | 4949 | 5673 | 6452 | 5519 | 5463 |
| Bahrain | - | - | 400 | 500 | - | 2500E | 3000E | 3500E | 2600E | 2500E |
| India | - | - | 100 | 200 | 587# | 1467# | 1887 | 1920 | 1919 | 2000E |
| Turkey | - | - | 35# | 503# | 864# | 982# | 786# | 1032# | 1000# | 963# |
| EUROPE | 75 | 70 | 81 | 76 | 56 | 25 | 61 | 50 | 30 | 10 |
| Yugoslavia (former) | 75 | 70 | 81 | 76 | 56 | 25# | 61# | 50E | 30E | 10E |
| COUNTRIES IN EASTERN EUROPE | 59953 | 63302 | 65830 | 66730 | 69030 | 68235 | 68950 | 68300 | 59800 | 51323 |
| Czechoslovakia | 153 | 202 | 223 | 230 | 230E | 262# | 250E | 300 | 300 | 323# |
| USSR (former) | 59800 | 63100 | 65607 | 66500 | 68800 | 67973# | 68700# | 68000# | 59500 | 51000E |
| of which Ukraine | .. | .. | .. | .. | .. | .. | .. | 22000 | 22144# | .. |
| SOCIALIST COUNTRIES OF ASIA | 2280 | 2310 | 2790 | 3620 | 4320 | 4600 | 4800 | 5000 | 6000 | 7000 |
| China | 2280 | 2310 | 2790 | 3620 | 4320 | 4600E | 4800E | 5000E | 6000E | 7000E |

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

5. SINTER¹: Production

(thousand tonnes)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| WORLD | 516291 | 551827 | 548757 | 544996 | 538263 | 563613 | 563461 | 544318 | 517391 | 479113 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 218914 | 237443 | 238380 | 218590 | 208920 | 228822 | 232647 | 226714 | 226329 | 209269 |
| AMERICA | 18436 | 19904 | 18838 | 15361 | 15854 | 16893 | 15570 | 14139 | 13660 | 12513 |
| Canada | 2021# | 2727# | 2574# | 2114# | 1392# | 1396# | 1906# | 1900 | 1160 | 985# |
| United States | 16415 | 17177 | 16264 | 13247 | 14462 | 15497 | 13664# | 12239# | 12500E | 11528 |
| EUROPE | 109337 | 117820 | 119521 | 109947 | 101346 | 110955 | 112787 | 110066 | 110426 | 101745 |
| EEC | 99129 | 107376 | 109395 | 100207 | 92012 | 101790 | 103131 | 101363 | 101416 | 92769 |
| Belgium-Luxembourg | 15707 | 17340 | 16847 | 15513 | 15301 | 16556# | 16116# | 16306# | 16436# | 14827# |
| France | 22776 | 23960 | 24556 | 20873 | 15302 | 21477# | 21378# | 20517# | 19499# | 18526# |
| Germany | 26855 | 30827 | 30929 | 29311 | 26140 | 27833# | 29753# | 27230# | 29064# | 26582# |
| Italy | 12656 | 13630 | 14515 | 13478 | 13008 | 13071# | 12311# | 13114# | 12113# | 9183# |
| Netherlands | 2653 | 3523 | 3742 | 3706 | 3682 | 3901# | 3668# | 3945# | 3797# | 3795# |
| Portugal | 360E | 360E | 477 | 492 | 429 | 452# | 395# | 344# | 275# | 428# |
| Spain | 8253 | 7410 | 7465 | 6919 | 6600 | 5433# | 6228# | 6177# | 6536# | 5994# |
| United Kingdom | 9869 | 10326 | 10864 | 9915 | 11550 | 13067# | 13282# | 13730# | 13696# | 13434# |
| EFTA | 10208 | 10444 | 10126 | 9740 | 9334 | 9165 | 9656 | 8703 | 9010 | 8976 |
| Austria | 5551 | 5866 | 5696 | 5259# | 4814 | 4431 | 4775# | 4380# | 4412# | 4400E |
| Finland | 2809 | 2854 | 2637 | 2761# | 2837 | 2970# | 3060# | 2800E | 3040# | 3170# |
| Norway | 732 | 627 | 666 | 620 | 633 | 673# | 680 | 400E | 400E | 300E |
| Sweden | 1116 | 1097 | 1127 | 1100 | 1050E | 1091# | 1141# | 1123# | 1158# | 1106# |
| ASIA | 85710 | 93947 | 93929 | 87509 | 86447 | 94933 | 98190 | 96509 | 96143 | 88811 |
| Japan | 85710 | 93947 | 93929 | 87509 | 86447 | 94933# | 98190# | 96509# | 96143# | 88811# |
| OCEANIA | 5431 | 5772 | 6092 | 5773 | 5273 | 6041 | 6100 | 6000 | 6100 | 6200 |
| Australia | 5431 | 5772 | 6092 | 5773 | 5273 | 6041 | 6100 | 6000 | 6100E | 6200E |
| DEVELOPING COUNTRIES AND TERRITORIES | 34144 | 40243 | 43010# | 45593 | 47985 | 54043 | 53372 | 51206 | 55162 | 55428 |
| AFRICA | - | - | - | 2845 | 2680 | 4621 | 4639 | 4753 | 4736 | 4384 |
| Algeria | - | - | - | 2670# | 2500 | 2600E | 2600E | 2500E | 2500E | 2400E |
| Egypt | - | - | - | - | - | 1862# | 1900E | 2089# | 2086# | 1853# |
| Zimbabwe | - | - | - | 175# | 180E | 159# | 139# | 164# | 150# | 131# |
| AMERICA | 16889 | 21095 | 23387 | 24019 | 24253 | 27095 | 26914 | 23565 | 25804 | 26701 |
| Argentina | 815 | 820 | 876 | 881 | 904 | 811 | 928# | 838 | 743 | 700E |
| Brazil | 14417 | 18880 | 21000# | 21471 | 21871# | 24952# | 24703# | 21395 | 23903# | 24985# |
| Colombia | 361 | 259 | 324 | 390 | 405 | 396 | 379 | 414# | 401# | 400E |
| Mexico | 1096 | 1136 | 1187 | 1277 | 1073 | 936# | 883# | 918# | 900E | 916# |
| ASIA | 13450 | 15084 | 15318 | 14824 | 17296 | 18550 | 18060 | 19588 | 21979 | 22843 |
| India | 7480 | 8102 | 8115 | 8134 | 9021# | 9686# | 10189 | 10000E | 12991 | 13500E |
| Philippines | 3101 | 3948 | 3900 | 3774 | 4307 | 4607 | 4679 | 5080 | 4750 | 4916# |
| Turkey | 2869# | 3034# | 3303# | 2916# | 3968# | 4257# | 3192# | 4508# | 4238# | 4427# |
| EUROPE | 4005 | 4064 | 4305 | 3905 | 3756 | 3777 | 3780 | 3300 | 2500 | 1200 |
| Yugoslavia (former) | 4005# | 4064# | 4305# | 3905# | 3756# | 3777# | 3780# | 3300E | 2500E | 1200E |
| COUNTRIES IN EASTERN EUROPE | 204613 | 207381 | 199187 | 207893 | 201948 | 199248 | 194942 | 182398 | 148900 | 123416 |
| Bulgaria | 3000E | 3000E | 3196 | 3000 | 2717 | 2287 | 2365 | 1650E | 1500E | 1400E |
| Czechoslovakia | 14315 | 13587 | 14008 | 14150 | 13000 | 12464 | 13076 | 12950 | 11700 | 1016# |
| Germany(former German Dem. Rep.) | 3168 | 3279 | 3148 | 3296 | 3207 | 3346 | 3199# | 2500E | - | - |
| Hungary | 4001 | 3591 | 3332 | 3342 | 3023 | 2875 | 2900# | 1773 | 1600E | 1500E |
| Poland | 14100E | 15127 | 14586 | 15618# | 15401 | 14054# | 12993 | 11779 | 9000E | 8500E |
| Romania | 11529 | 13797 | 13570 | 14021 | 14000E | 13880# | 13002# | 8846 | 6500E | 4000E |
| USSR (former) | 154500 | 155000E | 147347 | 154466 | 150600 | 150342# | 147407# | 142900# | 118600 | 107000E |
| of which | | | | | | | | | | |
| Ukraine | .. | .. | .. | .. | .. | .. | .. | 64094# | 54088# | .. |
| SOCIALIST COUNTRIES OF ASIA | 58620 | 66760 | 68180 | 72920 | 79410 | 81500 | 82500 | 84000 | 87000 | 91000 |
| China | 58620 | 66760 | 68180 | 72920 | 79410 | 81500 | 82500 | 84000E | 87000E | 91000E |

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

6. IRON ORE: Exports

(thousand tonnes, natural weight)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | % change 92/91 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| WORLD | 313615 | 372281 | 377178 | 364500 | 369140 | 401742 | 420349 | 394842 | 397852 | 365289 | -8.2 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 136716 | 162791 | 164202 | 151986 | 149254 | 169294 | 180769 | 168003 | 184952 | 171852 | -7.1 |
| AMERICA | 28619 | 35785 | 37238 | 35548 | 34755 | 35808 | 35587 | 30240 | 33733 | 30187 | -10.5 |
| Canada | 24778 | 30712 | 32124 | 30995 | 29662 | 30523# | 30222# | 27041# | 29688# | 25132# | -15.3 |
| United States | 3841# | 5073# | 5114# | 4553# | 5093# | 5285# | 5365# | 3199 | 4045# | 5055# | 25.0 |
| EUROPE | 23785 | 27456 | 27724 | 25693 | 25142 | 25550 | 24716 | 23564 | 23052 | 22639 | -1.8 |
| <i>EEC¹</i> | <i>3#</i> | <i>5#</i> | <i>5#</i> | <i>6#</i> | <i>21#</i> | <i>116#</i> | <i>52#</i> | <i>411#</i> | <i>155#</i> | <i>285#</i> | <i>8.4</i> |
| Belgium-Luxembourg | - | - | 15 | 1 | 3 | 7# | 11# | 16# | 13# | 20# | 53.8 |
| Denmark | 12 | 7 | 7 | 5 | 3 | 4# | 2# | 4# | 1# | 1# | - |
| France | 5031 | 4752 | 4628 | 4169 | 3740 | 3725# | 3462# | 3280# | 3153# | 2875# | -8.8 |
| Germany | 8 | 3 | 3 | 5 | 6 | 20# | 7# | 4# | 81# | 76# | -6.2 |
| Netherlands | 14 | 22 | 55 | 49 | 105 | 223 | 127 | 82# | 65# | 28# | -56.9 |
| Spain | 1579 | 1973 | 2128 | 1791 | 1991 | 2282# | 1632# | 1633# | 2157# | 1879# | -12.9 |
| United Kingdom | 1 | - | 6 | 1 | 1 | 2# | 2# | 2# | 2# | 2# | - |
| Other EEC | 1 | - | 1 | - | - | - | 24 | - | - | - | - |
| <i>EFTA</i> | <i>17139</i> | <i>20699</i> | <i>20881</i> | <i>19673</i> | <i>19293</i> | <i>19287</i> | <i>19449</i> | <i>18543</i> | <i>17580</i> | <i>17758</i> | <i>1.0</i> |
| Austria | - | 1 | - | 8 | 1 | - | - | - | - | - | - |
| Norway | 2945 | 3083 | 2578 | 2532 | 2530 | 1757# | 1987# | 2113# | 2098# | 2281 | 8.7 |
| Sweden | 14194 | 17615 | 18303 | 17133# | 16762 | 17530# | 17462# | 16430# | 15482# | 15477# | - |
| SOUTH AFRICA | 7811 | 11870 | 10226 | 8850 | 8802 | 11503# | 14566# | 17029# | 15468 | 14868# | -3.9 |
| OCEANIA | 76501 | 87680 | 89014 | 81895 | 80555 | 96433 | 105900 | 97170 | 112699 | 104158 | -7.6 |
| Australia ² | 74039# | 85480# | 86914# | 79678# | 78594# | 94969# | 104500# | 96156 | 111458# | 102810 | -7.6 |
| New Zealand | 2462 | 2200 | 2100 | 2217 | 1961 | 1464# | 1400E | 1014# | 1241# | 1348# | 8.6 |
| DEVELOPING COUNTRIES AND TERRITORIES | 133894 | 163568 | 169096 | 166336 | 174453 | 189385 | 199700 | 190510 | 185512 | 166437 | -10.3 |
| AFRICA | 24987 | 27770 | 25540 | 22920 | 22525 | 23869 | 23992 | 15325 | 11086 | 9314 | -16.0 |
| Algeria | 1398 | 974 | 7 | 48 | 13 | - | 20# | 18# | 15E | 10E | -33.3 |
| Liberia | 15704 | 16870 | 16100 | 13940 | 13510 | 13779 | 12747 | 3887# | 1015 | 1273 | 25.4 |
| Mauritania | 7385# | 9526# | 9333# | 8929 | 9002 | 10005# | 11138# | 11356# | 9994# | 7980# | -20.2 |
| Morocco | - | - | - | - | - | 80# | 82# | 59# | 62# | 51# | -17.7 |
| Other Africa | 500 | 400 | 100 | 3 | - | 5 | 5E | 5E | - | - | - |
| AMERICA | 85107 | 106148 | 110856 | 111521 | 118745 | 128672 | 137539 | 137993 | 138157 | 125103 | -9.4 |
| Bolivia | - | - | - | - | - | 15 | 25# | 225# | 102# | 50 | -50.5 |
| Brazil | 69961 | 88571# | 91781# | 92288# | 97288# | 105303# | 111641# | 114296# | 114681# | 106035# | -7.5 |
| Chile | 4700 | 5600 | 4800 | 4846# | 5329# | 6397# | 7422# | 6546# | 7406# | 5723 | -22.7 |
| Mexico | - | - | - | - | - | - | # | - | - | 91# | .. |
| Peru ² | 4200 | 4091 | 5242 | 4360# | 4430 | 4668# | 4014 | 3306# | 2582# | 2975 | 15.2 |
| Venezuela | 6246 | 7886 | 9033 | 10027# | 11698 | 12289 | 14437 | 13620# | 13386 | 10229# | -23.6 |
| ASIA | 23800 | 29650 | 32700 | 31905 | 33183 | 36845 | 38161 | 36667 | 35969 | 31820 | 11.5 |
| India | 20700 | 25700 | 28800 | 28135# | 28981 | 32079# | 33479# | 31585# | 31167 | 27900E | -10.5 |
| Philippines | 3100E | 3950 | 3900 | 3770 | 4202 | 4764 | 4680 | 5080 | 4800 | 3920 | -18.3 |
| Other Asia | - | - | - | - | - | 2# | 2# | 2E | 2 | .. | .. |
| EUROPE | - | - | - | - | - | - | 8 | 533 | 300 | 200 | -33.3 |
| Yugoslavia (former) | - | - | - | - | - | - | 8# | 533 | 300E | 200E | -33.3 |
| COUNTRIES IN EASTERN EUROPE | 43005 | 45922 | 43880 | 46168 | 45433 | 43063 | 39880 | 36321 | 27388 | 27000 | -1.4 |
| USSR (former) | 42805 | 45922 | 43880 | 46168# | 45433# | 43063# | 39880# | 36321# | 27388# | 27000E | -1.4 |
| of which Russia | .. | .. | .. | .. | .. | .. | .. | 11615# | 9836# | 8600 | -12.6 |

1 EEC total: excluding the Community's internal trade.

2 Dry weight.

7. IRON ORE: Exports¹

(thousand tonnes, Fe content)

| Region country or area | % Fe | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| WORLD | | 193450 | 230269 | 232835 | 228932 | 230052 | 254399 | 266346 | 247850 | 250622 | 230845 |
| DEVELOPED MARKET ECONOMY COUNTRIES | | 84762 | 100145 | 99593 | 93383 | 92981 | 105965 | 113333 | 105199 | 114643 | 106745 |
| AMERICA | | 18054 | 22591 | 23479 | 22450 | 21957 | 22952 | 22799 | 19105 | 21325 | 19102 |
| Canada | 63.3 | 15610 | 19349 | 20211 | 19527 | 18687 | 19596# | 19403# | 17101 | 18769 | 15908 |
| United States | 63.2 | 2444# | 3242# | 3268# | 2923# | 3270# | 3356# | 3396# | 2004# | 2556 | 3194 |
| EUROPE | | 13142 | 14996 | 15143 | 14089 | 13914 | 14917 | 14508 | 13889 | 13496 | 13469 |
| <i>EEC</i> | | 1 | 2 | 2 | 2 | 7 | 39 | 18 | 139 | 52 | 85 |
| Belgium-Luxembourg | 31.5 | - | - | 5 | - | 1 | 2 | 3 | 5 | 4 | 6 |
| Denmark | - | 5 | 3 | 3 | 2 | 1 | 1 | - | - | - | - |
| France | 31.5 | 1560 | 1473 | 1435 | 1292 | 1159 | 1154 | 1073 | 1033 | 993 | 905 |
| Germany | 15.0 | 2 | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 12 | 11 |
| Netherlands | 57.0 | 8 | 13 | 32 | 28 | 60 | 127 | 72 | 47 | 37 | 16 |
| Spain | 46.0 | 853 | 1065 | 1080 | 968 | 1075 | 1232 | 881 | 751 | 992 | 864 |
| United Kingdom | 22.5 | - | - | 4 | - | - | - | - | - | - | - |
| <i>EFTA</i> | | 10714 | 12441 | 12583 | 11798 | 11617 | 12397 | 12478 | 12052 | 11458 | 11667 |
| Norway | 65.0 | 1914 | 1696 | 1418 | 1294 | 1392 | 967 | 1093 | 1373 | 1364 | 1483 |
| Sweden | 65.8 | 8800 | 10745 | 11165 | 10504 | 10225 | 11430 | 11385 | 10679# | 10094# | 10184# |
| SOUTH AFRICA | 65.0 | 4914 | 7497 | 6426 | 5607 | 5544 | 7247 | 9176 | 11069 | 10035 | 9664 |
| OCEANIA | | 48652 | 55061 | 54545 | 51237 | 51566 | 60849 | 66850 | 61136 | 69787 | 64510 |
| Australia | 62.0 | 47298 | 53851 | 53390 | 50027# | 50583 | 60115 | 66148 | 60578 | 69104 | 63742 |
| New Zealand | 57.0 | 1354 | 1210 | 1155 | 1210 | 983 | 734 | 702 | 558 | 683 | 768 |
| DEVELOPING COUNTRIES AND TERRITORIES | | 85893 | 105785 | 109986 | 110667 | 112992 | 122596 | 129085 | 120859 | 119546 | 107900 |
| AFRICA | | 16336 | 18205 | 16896 | 15527 | 14909 | 15782 | 15839 | 10032 | 7211 | 6076 |
| Algeria | 52.0 | 699 | 487 | 4 | 23 | 6 | - | 10# | 9# | 8 | 5 |
| Liberia | 67.0 | 10522 | 11303 | 10787 | 9700 | 9052 | 9231 | 8540 | 2607 | 670 | 853 |
| Mauritania | 65.0 | 4812 | 6175 | 6045 | 5804 | 5851 | 6503 | 7240 | 7381 | 6496# | 5187# |
| Morocco | 60.0 | - | - | - | - | - | 48 | 49 | 35 | 37 | 31# |
| Other Africa | | 303 | 240 | 60 | - | - | - | - | - | - | - |
| AMERICA | | 54739 | 68604 | 72162 | 72100# | 76846 | 83555# | 89159# | 87303# | 89365 | 81534# |
| Brazil | 65.0 | 44775 | 56685 | 59658# | 59987 | 63237 | 68447 | 72547 | 72292# | 74542 | 68923 |
| Chile | 66.0 | 3196 | 3808 | 3264 | 3179# | 3553 | 4254 | 4935 | 4320# | 4740# | 3777 |
| Mexico | 65.8 | - | - | - | - | - | - | - | - | - | 59 |
| Peru | 65.9 | 2772 | 2700 | 3460 | 2817# | 2920 | 3010 | 2589 | 2179# | 1717# | 2306 |
| Venezuela | 63.2 | 3996 | 5411 | 5780 | 6117# | 7136 | 7844# | 9088# | 8512# | 8366 | 6469# |
| ASIA | | 14818 | 18976 | 20928 | 23040 | 21237 | 23259 | 24087 | 23279 | 22832 | 20198 |
| India | 63.4 | 12834 | 16448 | 18432 | 20624 | 18548 | 20210 | 21092 | 20028 | 19760 | 17689 |
| Philippines | 64.0 | 1984 | 2528 | 2496 | 2416 | 2689 | 3049 | 2995 | 3251 | 3072 | 2509 |
| EUROPE | | - | - | - | - | - | - | - | 245# | 138 | 92 |
| Yugoslavia (former) | 46.0 | - | - | - | - | - | - | - | 245# | 138 | 92 |
| COUNTRIES IN EASTERN EUROPE | | 22795 | 24339 | 23256 | 24882 | 24079 | 25838# | 23928# | 21793# | 16433 | 16200 |
| USSR (former) | 60.0 | 22687 | 24339 | 23256 | 24882 | 24079 | 25838# | 23928# | 21793# | 16433 | 16200 |
| of which Russia | 60.0 | .. | .. | .. | .. | .. | .. | .. | 6969 | 5902 | 5160 |

¹ Exports: Quantities of iron ore units exported during the calendar year.

² EEC total: excluding the Community's internal trade.

8. IRON ORE: Network of exports by major region of destination, 1992

(million tonnes, natural weight)

| Exports from | Exports to World | Developed market economy countries | | | | | Developing countries | Eastern Europe | Socialist Asia ¹ |
|---|---------------------|------------------------------------|------------------|--------------|--------------|-------------|-------------------------|-------------------|--------------------------------|
| | | Total | United States | Japan | EEC | Others | | | |
| WORLD | 365.3 | 253.3 | 12.6 | 110.8 | 113.4 | 15.5 | 66.0 | 23.5 | 23.5 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 171.9 | 123.5 | 6.9 | 57.2 | 48.5 | 10.9 | 32.8 | 0.7 | 14.9 |
| Australia ² | 102.8 | 63.0 | - | 49.9 | 11.1 | 2.0 | 26.1 | - | 13.7 |
| Canada | 25.1 | 23.8 | 6.8 | 1.2 | 15.5 | 0.3 | 1.2 | 0.1 | - |
| EEC | 4.9 | 4.6 | - | - | 4.6 | - | - | 0.3 | - |
| Sweden | 15.5 | 12.9 | 0.1 | 0.0 | 10.9 | 1.9 | 2.5 | 0.1 | - |
| South Africa | 14.9 | 10.9 | - | 4.8 | 4.3 | 1.5 | 3.0 | 0.1 | 1.2 |
| Others | 8.7 | 8.6 | - | 1.3 | 2.1 | 5.2 | 0.0 | 0.1 | - |
| DEVELOPING COUNTRIES AND TERRITORIES | 166.4 | 125.9 | 5.7 | 53.6 | 64.5 | 1.1 | 31.4 | 1.5 | 8.6 |
| Brazil | 106.0 | 77.7 | 2.6 | 26.6 | 47.6 | 0.8 | 21.4 | 1.2 | 5.7 |
| Chile | 5.7 | 4.7 | - | 3.9 | 0.8 | - | 1.0 | - | - |
| India | 27.9 | 19.1 | - | 16.6 | 2.2 | 0.3 | 6.1 | 0.1 | 2.6 |
| Liberia | 1.3 | 1.3 | - | - | 1.3 | - | - | - | - |
| Mauritania | 8.0 | 7.9 | 0.3 | 0.2 | 7.4 | - | 0.1 | - | - |
| Peru | 3.0 | 0.7 | 0.1 | 0.6 | - | - | 2.0 | - | 0.3 |
| Venezuela | 10.2 | 9.5 | 2.7 | 1.7 | 5.1 | - | 0.5 | 0.2 | - |
| Others | 4.3 | 4.0 | - | 3.9 | 0.1 | - | 0.3 | - | - |
| COUNTRIES IN EASTERN EUROPE | 27.0 | 3.9 | - | - | 0.4 | 3.5 | 1.8 | 21.3 | - |

Note: On the basis of information available to the secretariat as of 15 July 1992.

¹ Socialist Asia: mainly to China (98%).

² Dry weight.

9. PELLETS: Exports

(thousand tonnes)

| Country or area | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Australia | 1,706 | 2,111 | 2,011 | 1,624 | 1,668 | 692 | 600E |
| Brazil | 22,254 | 19,962 | 23,765 | 23,335 | 20,040 | 23,975 | 21,259 |
| Canada | 17,488 | 13,078 | 17,569 | 17,325 | 12,751 | 14,374 | 13,298 |
| Chile | 3,013 | 3,284 | 3,549 | 3,587 | 3,423 | 3,809 | 2,752 |
| India ¹ | 154 | 825 | 1,640 | 1,923 | 1,717 | 1,300 | 1,546 |
| Liberia | 3,188 | 3,227 | 3,201 | 3,320 | 1,455 | 0 | 0 |
| Norway | .. | .. | 1,060 | 1,052 | 1,247 | 1,337 | 773 |
| Peru | 1,499 | 1,752 | 1,515 | 1,503 | 1,153 | 840 | 1,800 |
| Sweden | 6,259 | 6,143 | 6,535 | 6,494 | 6,499 | 6,361 | 6,702 |
| United States | 4,551 | 5,049 | 5,232 | 2,874 | 3,018 | 4,016 | 4,653 |
| USSR | 10,927 | 10,866 | 10,892 | 11,507 | 12,316 | 10,043 | 10,000E |
| Venezuela | 22 | 434 | 849 | 1,159 | 1,184 | 922 | 1,123 |
| TOTAL | 71,061 | 66,731 | 75,703 | 74,929 | 72,490 | 67,698 | 64,506 |

¹ Fiscal year (April to March) until 1989.

10. IRON ORE: Imports

(thousand tonnes, natural weight)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | % change 92/91 |
|---|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| WORLD | 316730 | 369129 | 378553 | 367183 | 370093 | 398796 | 408562 | 399384 | 394471 | 373032 | -5.4 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 232966 | 277108 | 280268 | 262928 | 261008 | 288040 | 292696 | 289303 | 288821 | 264157 | -8.5 |
| AMERICA | 17553 | 22383 | 21824 | 22384 | 22080 | 24917 | 15954 | 22166 | 17955 | 17781 | -1.0 |
| Canada | 4013 | 4947 | 5800 | 5367 | 5213 | 4791# | 5348# | 4113# | 4620# | 5280# | 14.3 |
| United States | 13540 | 17436 | 16024 | 17017 | 16867 | 20126 | 10606 | 18053 | 13335 | 12501# | -6.3 |
| EUROPE | 106209 | 129302 | 133907 | 125251 | 126852 | 139277 | 147161 | 140479 | 140734 | 130433 | -7.3 |
| EEC¹ | 92243# | 113790# | 119556# | 115543# | 118507# | 126564# | 136079# | 124286# | 126675# | 118222# | -6.7 |
| Belgium-Luxembourg | 17520 | 19628 | 18997 | 18056 | 18385 | 20795# | 19787# | 20278# | 19486# | 17995# | -6.7 |
| Denmark | 63 | 1 | 2 | 3 | 8 | 3# | 6# | 3# | 2# | 2# | - |
| France | 12553 | 16088 | 16220 | 16191 | 15056 | 18727# | 19955# | 18807# | 18206# | 17367# | -4.6 |
| Germany ² | 35499 | 42500 | 45007 | 41632 | 39583 | 45169# | 47170# | 43730# | 43288 | 41317# | -4.6 |
| Greece | - | - | - | 2 | - | - | - | - | - | - | - |
| Italy | 13798 | 19240 | 18295 | 17601 | 16523 | 16200# | 18201# | 17203# | 17855# | 15064# | -15.6 |
| Netherlands | 4979 | 7238 | 8507 | 7066 | 7049 | 7562 | 8153 | 8303 | 7892 | 7523 | -4.7 |
| Portugal | 471 | 375 | 683 | 543# | 764 | 477# | 689# | 449# | 466# | 565# | 21.2 |
| Spain | 4202 | 4221 | 5023 | 4286 | 5767 | 5556# | 6935# | 6705# | 7596# | 7098# | -6.6 |
| United Kingdom | 13169 | 14160 | 15405 | 14558 | 18028 | 17867# | 19179# | 17622 | 18523 | 15799# | -14.7 |
| EFTA | 3955 | 5851 | 5768 | 5312 | 5689 | 6921 | 7086 | 7397 | 7420 | 7703 | 3.8 |
| Austria | 2391 | 3890 | 3685 | 3204# | 3311 | 4164 | 4192# | 3892# | 3968# | 3915 | -1.3 |
| Finland | 1299 | 1856 | 1756 | 1987# | 2261 | 2400# | 2600# | 3158 | 3070# | 3308# | 7.8 |
| Iceland | 13 | 16 | 23 | 25 | 17 | 23 | 17 | 18 | 17 | 17 | - |
| Norway | 225 | 40 | 230 | 18 | 21 | 193# | 23# | 12# | 27# | 108 | 300.0 |
| Sweden | 19 | 39 | 68 | 67# | 70# | 129 | 254# | 317# | 338# | 355# | 5.0 |
| Switzerland | 8 | 10 | 6 | 11 | 9 | 12 | - | - | - | - | - |
| ASIA | 109152 | 125371 | 124513 | 115234 | 112034 | 123377 | 127709 | 125290 | 127186 | 113743 | -10.6 |
| Japan | 109152 | 125371 | 124513 | 115234 | 112034 | 123377# | 127709# | 125290# | 127186# | 113743# | -10.6 |
| OCEANIA | 52 | 52# | 24 | 59 | 42 | 469 | 1872 | 1350 | 2946 | 2200 | -25.3 |
| Australia | 52# | 52# | 24# | 59# | 42# | 469# | 1872# | 1350E | 2946# | 2200E | -25.3 |
| DEVELOPING COUNTRIES AND TERRITORIES | 26447 | 28819 | 31472 | 34395 | 38473 | 42574 | 52250 | 50546 | 56404 | 59078# | 4.7 |
| AFRICA | 11 | 16 | 13 | 71 | 63 | 198 | 858 | 367 | 228 | 1484# | 6.5 |
| Algeria | - | 16 | - | - | - | - | - | - | - | - | - |
| Egypt | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1264# | .. |
| Nigeria | - | - | - | - | - | 152# | 770E | 300E | 150E | 150E | - |
| Tunisia | 11 | - | 13 | 71 | 63 | 46 | 88 | 67 | 78 | 70E | -10.3 |
| AMERICA | 1904 | 2213 | 2455 | 3283 | 3387 | 3590 | 4476 | 4499 | 3360 | 4545 | 35.3 |
| Argentina | 1904 | 2213 | 2455 | 3183 | 3342 | 3131# | 3816# | 3148# | 2310# | 3574# | 54.7 |
| Mexico | - | - | - | 100# | 45 | 459# | 660# | 363# | 150E | 21# | -86.0 |
| Trinidad and Tobago | .. | .. | .. | .. | .. | .. | .. | 988# | 900E | 950E | 5.6 |
| ASIA | 22964 | 25024 | 26824 | 29694 | 33942 | 37300 | 44611 | 43682 | 51016 | 51849 | 1.6 |
| Indonesia | 1100E | 900E | 1600E | 1400E | 1400E | 1400E | 2000# | 2000E | 2000E | 2100E | 5.0 |
| Malaysia | 28 | 414 | 831 | 1026 | 819 | 452# | 912# | 1233 | 1160 | 1000E | -13.8 |
| Pakistan | 914 | 922 | 1243 | 1469 | 1105 | 1528 | 1393 | 1162 | 1605 | 998 | -37.8 |
| Qatar | 580 | 752 | 840E | 800E | 700E | 800E | 900E | 900E | 1000E | 1000E | - |
| Republic of Korea | 10121 | 10287 | 11167 | 11941 | 16607 | 16479 | 22790# | 22500# | 28440# | 31779 | 11.7 |
| Saudi Arabia | 288 | 965 | 1044 | 1385 | 1478 | 1245 | 1652 | 1468 | 1500E | 1450E | -3.3 |
| Taiwan Province of China | 5004 | 5228 | 4939 | 5358 | 6140 | 8477 | 8370 | 7760 | 8433 | 7251 | -14.0 |
| Turkey | 1546# | 1849# | 1747# | 2428# | 1532# | 2369# | 2243# | 1952# | 2509# | 1844# | -26.5 |
| United Arab Emirates | 170 | 100E | 100E | 180 | 160 | 140E | 150E | 100E | 100E | 120E | -20.0 |
| Philippines | 3200E | 3600E | 3300E | 3700E | 4000E | 4400E | 4200E | 4600# | 4265 | 4300E | 0.8 |
| Other Asia | 13 | 7 | 13 | 7 | 1 | 10E | 1 | 7 | 4E | 8E | 100.0 |
| EUROPE | 1568 | 1566 | 2180 | 1347 | 1081 | 1486 | 2305 | 1998 | 1800 | 1200 | -33.3 |
| Yugoslavia (former) | 1568 | 1566 | 2180 | 1347 | 1081 | 1486# | 2305# | 1998# | 1800E | 1200E | -33.3 |

10. IRON ORE: Imports
(concluded)

(thousand tonnes, natural weight)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | % change 92/91 |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| COUNTRIES | | | | | | | | | | | |
| IN EASTERN EUROPE | 52820 | 57032 | 56399 | 57315 | 57915 | 54583 | 50323 | 44493 | 30088 | 23926 | -22.6 |
| Bulgaria | 2313 | 2286 | 2215 | 2248 | 2308 | 2112 | 1920 | 1964# | 551# | 416# | -24.5 |
| Czechoslovakia | 15305 | 15307# | 15298# | 15409# | 15088# | 14718# | 14073# | 14173# | 12028 | 11764# | -2.2 |
| Germany(former G.D.R.) | 2971 | 3179 | 4324 | 4100E | 4300E | 4200E | 4000E | 2800E | - | - | - |
| Hungary | 3967 | 4170 | 2382 | 3414 | 3403 | 2885# | 3263# | 3202# | 2700E | 2400E | -11.1 |
| Poland | 13787 | 17127 | 16973 | 16644# | 17116 | 16668# | 13441# | 11013# | 7419 | 7000E | -5.6 |
| Romania | 14477 | 14963 | 15207 | 15500 | 15700E | 14000E | 13626# | 11341# | 7390E | 2346# | -68.3 |
| SOCIALIST COUNTRIES | | | | | | | | | | | |
| OF ASIA | 4497 | 6170 | 10414 | 12546 | 12698 | 13600 | 13293 | 15043 | 19158 | 25871 | 35.0 |
| China | 4385 | 5970 | 10114 | 12046 | 12098 | 12900E | 12593# | 14343 | 18458 | 25171 | 36.4 |
| Other Socialist Asia | 112E | 200E | 300E | 500E | 600E | 700E | 700E | 700E | 700E | 700E | - |

1 EEC total: excluding the Community's internal trade.

2 From 1991, unified territory of Germany.

11. EEC: Iron ore imports by origin/destination, 1992

(thousand tonnes, natural weight)

| Destination Origin | Germany | France | Italy | Netherlnds | Belgium Luxembrg | United Kingdom | Denmark | Spain | Portugal | EEC |
|--|---------------|---------------|---------------|--------------|---------------------|-------------------|----------|--------------|------------|-----------------------------|
| Non agglomerated ores¹ | | | | | | | | | | |
| <i>Total</i> | 27,534 | 16,403 | 12,431 | 7,523 | 17,340 | 14,114 | 2 | 4,875 | 425 | 96,163 ^a |
| of which: | | | | | | | | | | |
| EEC | 3 | 205 | 75 | 379 | 2,977 | 840 | - | 0 | 5 | - |
| Australia | 5,711 | 3,787 | 2,202 | 1,377 | 1,169 | 4,698 | - | 675 | - | 19,629 |
| Brazil | 12,967 | 6,702 | 4,466 | 2,465 | 6,722 | 2,778 | - | 2,069 | - | 38,069 |
| Canada | 4,246 | 1,344 | 390 | 562 | 1,293 | 1,679 | - | 232 | 95 | 9,841 |
| Liberia | 224 | 201 | 576 | - | 131 | - | - | 183 | 224 | 1,539 |
| Mauritania | 346 | 1,722 | 1,539 | 21 | 1,509 | 946 | - | 766 | - | 6,849 |
| Norway | 342 | 604 | - | - | 222 | 169 | - | - | - | 1,337 |
| South Africa | 659 | 332 | 1,306 | 9 | 75 | 1,708 | - | 0 | - | 4,089 |
| Sweden | 2,290 | 353 | - | 1,575 | 1,915 | 341 | 2 | - | - | 6,476 |
| Venezuela | 562 | 463 | 673 | 606 | 1,014 | 946 | - | 810 | - | 5,074 |
| Others | 284 | 680 | 1,204 | 529 | 313 | 9 | - | 140 | 101 | 3,260 |
| Agglomerated ores² | | | | | | | | | | |
| <i>Total</i> | 13,783 | 964 | 2,633 | - | 655 | 1,685 | - | 2,223 | 140 | 22,059 ^a |
| of which: | | | | | | | | | | |
| EEC | - | - | - | - | - | 24 | - | 0 | - | - |
| Australia | 4 | - | - | - | - | 522 | - | - | - | 526 |
| Brazil | 5,432 | - | 1,856 | - | - | - | - | 170 | - | 7,458 |
| Canada | 2,656 | 828 | 573 | - | 45 | 701 | - | 363 | 140 | 5,306 |
| Liberia | - | - | - | - | - | - | - | - | - | - |
| Mauritania | - | - | - | - | - | - | - | - | - | - |
| Norway | 914 | 1 | - | - | 156 | 349 | - | - | - | 1,420 |
| South Africa | - | 2 | - | - | - | 89 | - | - | - | 91 |
| Sweden | 3,678 | 61 | - | - | 448 | - | - | - | - | 4,187 |
| Venezuela | - | - | 66 | - | - | - | - | 60 | - | 126 |
| Others | 1,099 | 72 | 138 | - | 6 | - | - | 1,630 | - | 2,945 |
| Total | 41,317 | 17,367 | 15,064 | 7,523 | 17,995 | 15,799 | 2 | 7,098 | 565 | 118,222 ^a |

Notes: Greece and Ireland are not concerned.

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

² Agglomerated ores: pellets or sinter.

^a Third countries only.

12. EASTERN EUROPE: Iron ore imports by origin/destination, 1992

(thousand tonnes, natural weight)

| Destination Origin | Poland | Romania | Czechoslovakia | Hungary | Bulgaria |
|-----------------------|---------------|--------------|----------------|---------------|------------|
| Brazil | 340 | 210 | 703 | - | - |
| India | - | - | 6 | - | - |
| Norway | 20 | - | - | 10 | - |
| Sweden | 5 | - | 25 | - | - |
| USSR(former) | 6,300 | 1,700 | 10,405 | 1,490 | 388 |
| of which: Ukraine | .. | .. | .. | .. | 24 |
| Venezuela | - | 240 | 43 | - | - |
| Others | 335 | 196 | 582 | 900 | 5 |
| Total | 7,000E | 2,348 | 11,764 | 2,400E | 416 |

13. JAPAN: Iron ore imports by origin, 1992

(thousand tonnes, dry weight)

| Origin | Non-agglomerated ¹ | Agglomerated ² | Total |
|--------------------------|-------------------------------|---------------------------|----------------|
| Australia | 51,730 | 339 | 52,069 |
| Brazil | 23,034 | 3,723 | 26,757 |
| Canada | 1,231 | - | 1,231 |
| Chile | 2,186 | 1,811 | 3,997 |
| India | 16,478 | 95 | 16,573 |
| Philippines ⁴ | - | 3,892 | 3,892 |
| South Africa | 4,845 | 0 | 4,845 |
| Total | 103,742 | 10,001 | 113,743 |

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.

14. REPUBLIC OF KOREA: Iron ore imports by origin, 1992

(thousand tonnes, natural weight)

| Origin | Non-agglomerated ¹ | Agglomerated ² | Total |
|---------------|-------------------------------|---------------------------|---------------|
| Austria | 97 | - | 97 |
| Australia | 15,045 | 165 | 15,210 |
| Brazil | 7,709 | 61 | 7,770 |
| Canada | 948 | - | 948 |
| Chile | 629 | 374 | 1,003 |
| India | 4,121 | - | 4,121 |
| Peru | 1,278 | 676 | 1,954 |
| United States | 118 | - | 118 |
| Others | 557 | - | 557 |
| Total | 30,459 | 1,276 | 31,778 |

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

2 Agglomerated ores: pellets or sinter.

15. IRON ORE: Value of Exports¹

(million dollars)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| WORLD | 6536.6 | 7015.2 | 7042.7 | 6909.2 | 6885.2 | 7476.1 | 8181.1 | 8424.2 | 8415.6 | 7718.4 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 2927.3 | 3141.8 | 3120.4 | 2860.0 | 2698.7 | 3034.7 | 3369.9 | 3680.8 | 3933.8 | 3731.9 |
| AMERICA | 956.0 | 1098.0 | 1097.3 | 1001.9 | 928.9 | 1010.7 | 992.0 | 842.6 | 934.1 | 852.2 |
| Canada | 773.3 | 858.7 | 857.1 | 797.1 | 730.6 | 816.9# | 799.3# | 719.4# | 777.7# | 665.4 |
| United States | 182.7 | 239.3 | 240.2 | 204.8 | 198.3 | 193.8 | 192.7 | 123.2# | 156.4# | 186.8# |
| EUROPE | 366.8 | 433.1 | 458.0 | 404.0 | 441.1 | 474.8 | 536.0 | 568.7 | 520.2 | 585.4 |
| <i>EEC²</i> | <i>0.4#</i> | <i>0.6#</i> | <i>0.5#</i> | <i>0.9#</i> | <i>1.0#</i> | <i>1.1#</i> | <i>2.2#</i> | <i>5.7#</i> | <i>3.7#</i> | <i>5.3#</i> |
| Belgium-Luxembourg | - | - | 0.6 | 0.1 | 0.2 | 0.7# | 0.8# | 1.4# | 0.9# | 1.2 |
| Denmark | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | - | - | - | - | - |
| France | 26.3 | 21.7 | 21.8 | 26.2 | 28.7 | 29.6# | 27.1# | 31.1 | 29.6# | 28.7# |
| Germany | 0.5 | 0.4 | 0.3 | 0.5 | 0.7 | 1.1# | 0.8# | 0.6# | 2.3# | 2.5 |
| Greece | - | - | - | - | - | - | 24.0# | - | - | - |
| Italy | 0.1 | 0.1 | - | 0.1 | - | - | 0.2# | 0.1# | 0.1# | 0.1# |
| Netherlands | 1.5 | 1.3 | 2.5 | 1.2 | 5.3 | 7.7# | 6.1 | 5.3 | 4.8# | 3.0# |
| Spain | 14.3 | 16.2 | 19.3 | 16.3 | 17.5 | 19.5# | 15.3# | 17.7# | 27.9# | 23.7# |
| United Kingdom | 0.1 | - | 0.1 | 0.2 | 0.2 | 0.3# | 0.2# | 0.5# | 0.4# | 0.5# |
| <i>EFTA</i> | <i>323.8</i> | <i>393.3</i> | <i>413.3</i> | <i>359.3</i> | <i>388.4</i> | <i>415.9</i> | <i>461.5</i> | <i>512.0</i> | <i>454.2</i> | <i>525.7</i> |
| Austria | - | 0.1 | - | 0.3 | - | - | - | - | - | - |
| Norway | 69.6 | 66.4 | 54.8 | 55.3 | 53.4 | 42.5# | 50.0# | 61.5# | 63.7# | 66.3 |
| Sweden | 254.2 | 326.8 | 358.5 | 303.7# | 335.0 | 373.4 | 411.5# | 450.5# | 390.5 | 459.4# |
| SOUTH AFRICA | 158.8 | 168.1 | 145.7 | 132.1 | 131.8 | 146.1# | 209.2# | 299.0# | 285.2# | 219.0# |
| OCEANIA | 1445.7 | 1442.6 | 1419.4 | 1322.0 | 1196.9 | 1403.1 | 1632.7 | 1970.5 | 2194.3 | 2075.3 |
| Australia | 1420.0# | 1421.0# | 1400.0# | 1300.9# | 1181.6# | 1390.8# | 1620.0# | 1960.0# | 2183.0# | 2060.0 |
| New Zealand | 25.7 | 21.6 | 19.4 | 21.1 | 15.3 | 12.3# | 12.7# | 10.5# | 11.3# | 15.3# |
| DEVELOPING COUNTRIES AND TERRITORIES | 2643.4 | 2913.1 | 3021.1 | 2927.2 | 2971.1 | 3298.1 | 3763.6 | 3757.2 | 3736.8 | 3285.2 |
| AFRICA | 403.1 | 438.3 | 429.3 | 384.6 | 352.1 | 365.0 | 473.1 | 315.0 | 217.6 | 194.4 |
| Algeria | 16.0 | 10.7 | 0.1E | 0.5 | 0.2E | - | 0.3# | 0.3E | 0.2E | 0.2E |
| Liberia | 267.3 | 282.2 | 279.4 | 241.0 | 217.9 | 220.0E | 286.0E | 93.0E | 24.0E | 29.0E |
| Mauritania | 114.0# | 141.1# | 148.7# | 143.0# | 134.0# | 143.5# | 185.1# | 220.2# | 192.0E | 164.1# |
| Morocco | - | - | - | - | - | 1.3# | 1.5E | 1.3# | 1.4# | 1.1E |
| Other Africa | 5.8E | 4.3E | 1.1E | 0.1 | - | 0.2 | 0.2 | 0.2 | - | - |
| AMERICA | 1774.9 | 1971.2 | 2031.3 | 2017.6 | 2052.0 | 2286.1 | 2647.5 | 2876.3 | 3043.3 | 2650.0 |
| Bolivia | - | - | - | - | - | 0.2 | 0.3 | 3.0E | 1.4E | 0.6 |
| Brazil | 1426.5E | 1605.3 | 1658.0 | 1624.0 | 1615.4# | 1900.4# | 2176.0# | 2436.5# | 2603.9# | 2303.4# |
| Chile | 112.0 | 111.0 | 91.0 | 92.3# | 95.7# | 105.4 | 141.0E | 125.0# | 141.0E | 108.0E |
| Peru | 74.8 | 57.9 | 72.8 | 74.3# | 70.9 | 61.0# | 60.2E | 51.8# | 42.0E | 45.0E |
| Venezuela | 161.6E | 197.0E | 209.5E | 227.0E | 270.0 | 219.1# | 270.0E | 260.0E | 255.0E | 193.0E |
| ASIA | 465.4 | 503.6 | 560.5 | 525.0 | 567.0 | 647.0 | 642.0 | 562.0 | 473.4 | 439.2 |
| India | 371.9 | 409.6 | 477.5 | 435.0# | 470.0E | 540.0E | 570.0E | 485.0# | 395.0E | 360.2E |
| Philippines | 93.0E | 94.0E | 83.0E | 90.0E | 97.0E | 107.0E | 72.0E | 77.0E | 78.4 | 79.0E |
| Other Asia | 0.5 | - | - | - | - | - | # | - | - | - |
| EUROPE | - | - | - | - | - | - | 1.0 | 3.9 | 2.5 | 1.6 |
| Yugoslavia (former) | - | - | - | - | - | - | 1.0# | 3.9# | 2.5E | 1.6E |
| COUNTRIES IN EASTERN EUROPE | 965.9 | 960.3 | 901.2 | 1122.0 | 1215.4 | 1143.3 | 1047.6 | 986.2 | 745.0 | 730.0 |
| USSR (former) | 960.9 | 960.3 | 901.2 | 1122.0 | 1215.4 | 1143.3 | 1047.6 | 986.2# | 745.0E | 730.0E |

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 EEC total: excluding the Community's internal trade.

16. IRON ORE: Value of Imports¹

(million dollars)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| WORLD | 8274.1 | 8793.2 | 9004.6 | 8788.0 | 8408.5 | 9026.6 | 10453.9 | 11121.6 | 11421.6 | 10743.8 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 6463.5 | 6883.8 | 6918.1 | 6618.1 | 6297.0 | 6815.6 | 7668.6 | 8383.6 | 8476.7 | 7765.4 |
| AMERICA | 717.3 | 854.1 | 809.2 | 760.9 | 672.6 | 753.9 | 720.2 | 793.3 | 596.3 | 579.7 |
| Canada | 189.3 | 226.1 | 255.6 | 212.0 | 194.6 | 185.1# | 197.9# | 146.1# | 159.7# | 184.1 |
| United States | 528.0E | 628.0E | 553.6 | 548.9 | 478.0 | 568.8 | 522.3# | 647.2# | 436.6# | 395.6# |
| EUROPE | 2599.3 | 2829.1 | 3063.5 | 3098.1 | 3005.9 | 3203.8 | 3771.1 | 4186.2 | 4147.6 | 3939.7 |
| EEC² | 2323.3# | 2508.2# | 2721.5# | 2829.1# | 2814.6# | 2898.6# | 3298.4# | 3612.4# | 3799.6# | 3520.8# |
| Belgium-Luxembourg | 278.5 | 307.7 | 336.5 | 335.2 | 341.1 | 390.5# | 404.2# | 485.1# | 497.4# | 472.3# |
| Denmark | 2.8 | 0.3 | 0.4 | 0.8 | 0.9 | - # | 1.1 | 0.8# | 0.7# | 0.6 |
| France | 311.7 | 338.9 | 359.5 | 347.7 | 300.2 | 377.5# | 473.6# | 510.6# | 521.0# | 487.8# |
| Germany | 965.9 | 1029.2 | 1122.9 | 1266.7 | 1121.0 | 1172.6# | 1328.2# | 1472.1# | 1458.8# | 1419.0# |
| Greece | - | - | 0.1 | 0.3 | - | - # | - | - | - | - |
| Italy | 349.4 | 432.0 | 407.9 | 389.3 | 354.4 | 289.9# | 455.9# | 472.4# | 502.4# | 425.3# |
| Netherlands | 100.4 | 137.0 | 166.7 | 154.2 | 146.8 | 146.0 | 144.0 | 174.0 | 160.9 | 171.1 |
| Portugal | 12.1 | 9.5 | 17.5 | 12.8 | 18.6 | 13.0# | 18.7# | 14.8# | 17.4# | 16.8# |
| Spain | 111.3 | 106.9 | 125.2 | 100.7 | 125.5 | 138.9# | 193.8# | 207.6# | 232.0# | 204.4# |
| United Kingdom | 353.5 | 302.9 | 371.8 | 341.7 | 432.7 | 473.5# | 502.2# | 588.3# | 512.3# | 480.0# |
| EFTA | 113.7 | 164.7 | 155.0 | 148.7 | 164.7 | 201.9 | 249.4 | 260.5 | 244.7 | 262.4 |
| Austria | 75.5 | 121.8 | 111.3 | 99.2 | 110.6 | 144.3 | 143.6 | 152.7 | 134.7 | 147.2 |
| Finland | 32.3 | 39.4 | 36.5 | 44.7# | 49.5 | 45.4# | 95.0# | 96.0 | 92.4# | 97.4 |
| Iceland | 0.6 | 0.6 | 0.9 | 1.0 | 0.7 | 1.0 | 0.8 | 0.9 | 0.9 | 0.8 |
| Norway | 4.3 | 1.3 | 3.7 | 0.7 | 0.8 | 5.3# | 0.9# | 0.9# | 1.1# | 3.4# |
| Sweden | 0.8 | 1.4 | 2.5 | 2.9# | 2.9 | 5.7 | 9.1 | 10.0# | 15.6 | 13.6# |
| Switzerland | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | - | - | - | - |
| ASIA | 3145.4 | 3199.1 | 3044.9 | 2759.3 | 2618.4 | 2852.7 | 3137.3 | 3374.1 | 3644.8 | 3194.4 |
| Japan | 3145.4 | 3199.1 | 3044.9 | 2759.3 | 2618.4 | 2852.7 | 3137.3 | 3374.1 | 3644.8 | 3194.4# |
| OCEANIA | 1.5 | 1.5 | 0.5 | 0.8 | 0.1 | 5.2 | 40.0 | 30.0 | 66.0 | 51.6 |
| Australia | 1.5# | 1.5 | 0.5 | 0.8# | 0.1# | 5.2# | 40.0# | 30.0# | 66.0E | 51.6 |
| DEVELOPING COUNTRIES AND TERRITORIES | 737.3 | 807.0 | 900.1 | 904.1 | 952.2 | 1084.3 | 1454.6 | 1523.0 | 1797.0 | 1705.6 |
| AFRICA | 0.3 | 0.2 | 0.7 | 1.9 | 1.3 | 6.4 | 12.6 | 10.2 | 6.3 | 5.9E |
| Algeria | - | 0.2 | - | - | - | - | - | - | - | - |
| Nigeria | - | - | - | - | - | 5.0 | 10.0E | 8.0E | 4.0E | 4.0E |
| Tunisia | 0.3 | - | 0.7 | 1.9 | 1.3 | 1.4 | 2.6 | 2.2 | 2.3 | 1.9E |
| AMERICA | 61.0 | 68.1 | 75.5 | 98.6 | 101.4 | 127.6 | 158.5 | 144.7 | 112.5 | 144.7 |
| Argentina | 61.0 | 68.1 | 75.5 | 95.1 | 99.7 | 102.4# | 137.0# | 126.5 | 105.0E | 144.0E |
| Mexico | - | - | - | 3.5# | 1.7 | 25.2# | 21.5# | 18.2# | 7.5E | 0.7# |
| ASIA | 632.5 | 698.9 | 765.1# | 770.5 | 812.7 | 890.7 | 1192.5 | 1327.8 | 1642.2 | 1533.0 |
| Indonesia | 30.5E | 24.0E | 46.0E | 42.5E | 42.0E | 46.0E | 70.0E | 74.0E | 75.0E | 70.0E |
| Malaysia | 0.8 | 11.9 | 26.9 | 30.5 | 24.5 | 15.4# | 38.1# | 58.6 | 51.8 | 40.0E |
| Pakistan | 35.4 | 31.2 | 35.9 | 38.8 | 29.2 | 46.9 | 46.8 | 36.9 | 53.6 | 48.8 |
| Philippines | 83.0E | 80.0E | 76.0E | 82.5E | 86.0E | 92.0E | 95.0E | 97.0E | 89.5 | 90.0E |
| Qatar | 24.4E | 29.7E | 33.7E | 31.3E | 28.0E | 30.0E | 34.0E | 36.0E | 38.0E | 36.0E |
| Republic of Korea | 253.9 | 282.7 | 318.9 | 293.8 | 363.0 | 345.5 | 549.9# | 642.5# | 891.5# | 879.8 |
| Saudi Arabia | 14.7E | 48.3E | 53.2E | 49.9 | 49.4 | 49.7 | 78.6 | 81.8 | 83.0E | 81.0E |
| Singapore | 0.4 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2E | 0.2 | 0.7 | 0.2 | 0.2E |
| Taiwan Province of China | 139.3 | 130.0 | 118.3 | 126.3 | 146.3 | 187.7 | 211.0 | 227.6 | 264.0 | 215.7 |
| Turkey | 47.1# | 58.9# | 53.9# | 72.8# | 42.1# | 75.3# | 64.9# | 69.7# | 92.6# | 68.5# |
| United Arab Emirates | 3.0E | 2.0E | 2.0E | 1.9E | 2.0E | 2.0E | 4.0E | 3.0E | 3.0E | 3.0E |
| EUROPE | 43.5 | 39.8 | 58.8 | 33.1 | 36.8 | 59.6 | 91.0 | 40.3 | 36.0 | 22.0 |
| Yugoslavia (former) | 43.5 | 39.8 | 58.8 | 33.1 | 36.8# | 59.6# | 91.0# | 40.3# | 36.0E | 22.0E |

16. IRON ORE: Value of Imports¹
(concluded)

(million dollars)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| COUNTRIES IN EASTERN EUROPE | 954.5 | 942.8 | 922.9 | 921.8 | 877.8 | 852.7 | 966.8 | 806.4 | 591.5 | 494.0 |
| Bulgaria | 41.2E | 38.2E | 35.5E | 35.0E | 51.7E | 51.3E | 50.5E | 42.9# | 15.0E | 14.0E |
| Czechoslovakia | 375.8 | 360.4 | 344.4 | 358.4 | 290.0 | 272.0E | 280.0E | 284.0E | 273.0# | 265.0E |
| Germany(former German Dem. Rep.) | 52.3E | 52.0E | 68.0E | 66.0E | 69.0E | 62.0E | 102.2# | 75.0E | - | - |
| Hungary | 42.4 | 41.7E | 40.3 | 46.6 | 51.2 | 47.0E | 58.1# | 51.5 | 53.5 | 45.0E |
| Poland | 189.5 | 203.1 | 192.7 | 167.8 | 163.9 | 157.4 | 236.0E | 209.0E | 150.0E | 130.0E |
| Romania | 253.3E | 247.4E | 242.0E | 248.0E | 252.0E | 263.0E | 260.0E | 144.0# | 100.0E | 40.0E |
| SOCIALIST COUNTRIES OF ASIA | 118.8 | 159.6 | 263.5 | 343.0 | 281.5 | 274.0 | 343.9 | 408.6 | 578.4 | 778.8 |
| China | 116.3 | 156.5 | 258.8 | 335.4 | 269.5 | 260.0 | 329.9# | 394.1 | 563.4 | 764.3 |
| Democratic People's Rep. of Korea | 2.5E | 3.1E | 4.7E | 7.6E | 12.0E | 14.0E | 14.0E | 14.5E | 15.0E | 14.5E |

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 EEC total: excluding the Community's internal trade.

17. IRON ORE: Apparent Consumption¹

(thousand tonnes, natural weight)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | % change 92/91 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| WORLD | 781087 | 871758 | 911740 | 917390 | 932667 | 957482 | 974370 | 980994 | 946724 | 910424 | -3.8 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 307048 | 374796 | 382503 | 357631 | 365692 | 381032 | 389974 | 393751 | 385151 | 358701 | -6.8 |
| AMERICA | 60820 | 78628 | 73914 | 62961 | 71489 | 87033 | 79381 | 83417 | 76848 | 76956 | 0.1 |
| Canada | 12561 | 14165 | 13474 | 11051 | 12071 | 14677 | 16268 | 13105 | 12043 | 14597 | 21.1 |
| United States | 48259 | 64463 | 60440 | 51910 | 59418 | 72356 | 63113 | 70312 | 64805 | 62359 | 3.8 |
| EUROPE | 130748 | 154139 | 158048 | 148423 | 144853 | 154128 | 163059 | 153098 | 152921 | 139462 | -8.8 |
| EEC | 122458 | 142527 | 145321 | 134888 | 131912 | 140546 | 148891 | 137064 | 134441 | 126438 | -5.9 |
| Belgium-Luxembourg | 17560 | 19628 | 18982 | 18055 | 18382 | 20788 | 19776 | 20262 | 19473 | 17975 | -7.7 |
| France | 23702 | 26366 | 26072 | 24582 | 22882 | 24874 | 25812 | 24247 | 22545 | 20198 | -10.4 |
| Germany | 36471 | 43477 | 46034 | 42344 | 39824 | 45219 | 47265 | 43810 | 43325 | 41350 | -4.6 |
| Italy | 13797 | 19240 | 18294 | 17601 | 16523 | 16200 | 18201 | 17203 | 17855 | 15064 | -15.6 |
| Netherlands | 4965 | 7216 | 8452 | 7017 | 6944 | 7339 | 8026 | 8221 | 7827 | 7495 | 4.2 |
| Portugal | 501 | 405 | 753 | 593 | 794 | 502 | 709 | 469 | 466 | 565 | 2.1 |
| Spain | 10563 | 10209 | 9358 | 8549 | 8268 | 7536 | 9913 | 8102 | 9354 | 7965 | -4.8 |
| United Kingdom | 13548 | 14540 | 15669 | 14846 | 18290 | 18089 | 19209 | 17673 | 18578 | 15825 | -14.8 |
| EFTA | 8290 | 11612 | 12727 | 13535 | 12941 | 13582 | 14168 | 13112 | 13497 | 13024 | -3.5 |
| Austria | 5931 | 7489 | 6985 | 6316 | 6360 | 6464 | 6602 | 6192 | 6088 | 5565 | -8.6 |
| Finland | 2159 | 2756 | 2556 | 2630 | 2909 | 2957 | 2600 | 3158 | 3070 | 3308 | 7.7 |
| Iceland | 13 | 16 | 23 | 25 | 17 | 23 | 17 | 18 | 17 | 17 | - |
| Norway | 820 | 797 | 1122 | 1146 | 631 | 1080 | 394 | -20 | 138 | -21 | .. |
| Sweden | -641 | 544 | 2035 | 3407 | 3015 | 3046 | 4555 | 3764 | 4184 | 4155 | -0.7 |
| SOUTH AFRICA | 8794 | 12626 | 14713 | 15633 | 13206 | 13744 | 15392 | 13262 | 13484 | 13358 | -0.9 |
| ASIA | 109450 | 125695 | 124851 | 115525 | 112329 | 123655 | 127960 | 125498 | 127386 | 113783 | -10.7 |
| Japan | 109450 | 125695 | 124851 | 115525 | 112329 | 123655 | 127960 | 125498 | 127386 | 113783 | -10.7 |
| OCEANIA | -2764 | 3708 | 10977 | 15089 | 23815 | 2472 | 4182 | 18476 | 14512 | 15142 | 4.3 |
| Australia | -2502 | 3618 | 10557 | 14396 | 23196 | 1584 | 3182 | 17194 | 13488 | 14390 | 6.7 |
| New Zealand | -262 | 90 | 420 | 693 | 619 | 888 | 1000 | 1282 | 1024 | 752 | -26.6 |
| DEVELOPING COUNTRIES AND TERRITORIES | 90489 | 96684 | 114132 | 131057 | 132934 | 134945 | 142860 | 145805 | 152983 | 160025 | 4.6 |
| AFRICA | 4738 | 4829 | 7016 | 9301 | 8365 | 6311 | 8215 | 7610 | 7350 | 8115 | 10.4 |
| Algeria | 2286 | 2706 | 3373 | 3312 | 3562 | 3400 | 2728 | 2912 | 2685 | 2690 | 0.2 |
| Egypt | 2060 | 1889 | 2120 | 1999 | 2112 | 2400 | 2400 | 2420 | 2371 | 3242 | 36.7 |
| Liberia | -294 | -770 | 20 | 1660 | 296 | -971 | -447 | 94 | 185 | 432 | 133.5 |
| Mauritania | -785 | -526 | -130 | 333 | 118 | -223 | 976 | 60 | 200 | 114 | -43.0 |
| Morocco | 300 | 200 | 140 | 200 | 204 | 37 | 44 | -9 | -8 | 20 | .. |
| Nigeria | - | - | - | - | - | 152 | 770 | 300 | 150 | 150 | - |
| Tunisia | 311 | 310 | 323 | 378 | 353 | 267 | 273 | 253 | 269 | 259 | -3.7 |
| Zimbabwe | 1000 | 1000 | 1200 | 1419 | 1720 | 1249 | 1471 | 1580 | 1498 | 1208 | -19.4 |
| AMERICA | 37617 | 42525 | 54853 | 57358 | 56430 | 60466 | 59608 | 59357 | 58039 | 61835 | 6.5 |
| Argentina | 2904 | 2913 | 3355 | 3893 | 4142 | 4293 | 4493 | 3592 | 2399 | 3576 | 49.1 |
| Bolivia | - | - | - | - | - | - | -11 | -100 | 0 | 50 | .. |
| Brazil | 22139 | 23529 | 36419 | 36766 | 36817 | 40697 | 42102 | 38007 | 35976 | 39785 | 10.6 |
| Chile | 470 | -10 | 1040 | 1480 | 802 | 898 | 690 | 1265 | 1285 | 1431 | 11.4 |
| Colombia | 456 | 441 | 455 | 523 | 615 | 615 | 600 | 628 | 607 | 600 | -1.1 |
| Mexico | 8420 | 10543 | 8103 | 7681 | 7419 | 8289 | 8198 | 8477 | 9288 | 7693 | -17.2 |
| Peru | 25 | -60 | -250 | 835 | 1137 | -510 | -79 | 1 | 1011 | -75 | .. |
| Trinidad and Tobago | .. | .. | .. | .. | .. | .. | .. | 988 | 900 | 950 | 5.6 |
| Venezuela | 3203 | 5169 | 5731 | 6180 | 5498 | 6184 | 3615 | 6499 | 6573 | 7825 | 19.1 |

17. IRON ORE: Apparent Consumption
(concluded)

(thousand tonnes, natural weight)

| Region country or area | 1993 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | % change 92/91 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| ASIA | 41548 | 42429 | 44605 | 56433 | 61075 | 61139 | 68302 | 73242 | 83922 | 87775 | 4.6 |
| India | 17389 | 16610 | 15290 | 23034 | 22354 | 17882 | 17955 | 22117 | 25717 | 26972 | 4.9 |
| Indonesia | 1100 | 900 | 1600 | 1400 | 1400 | 1400 | 2000 | 2000 | 2000 | 2100 | 5.0 |
| Iran, Islamic Rep. of | .. | .. | 1000 | 2000 | 3000 | 4300 | 5630 | 5500 | 6184 | 7000 | 13.2 |
| Malaysia | 128 | 574 | 1013 | 1234 | 980 | 659 | 1103 | 1579 | 1542 | 1270 | -17.6 |
| Pakistan | 914 | 922 | 1243 | 1469 | 1105 | 1528 | 1393 | 1162 | 1605 | 998 | -37.8 |
| Philippines | 133 | -347 | -600 | -70 | -202 | -364 | -480 | -480 | -535 | 380 | .. |
| Qatar | 580 | 752 | 840 | 800 | 700 | 800 | 900 | 900 | 1000 | 1000 | - |
| Republic of Korea | 10712 | 10841 | 11709 | 12466 | 17117 | 17151 | 23134 | 22870 | 28730 | 32079 | 11.7 |
| Saudi Arabia | 288 | 965 | 1044 | 1385 | 1478 | 1245 | 1652 | 1468 | 1500 | 1450 | -3.3 |
| Taiwan Province of China | 5004 | 5228 | 4939 | 5358 | 6140 | 8477 | 8370 | 7760 | 8433 | 7251 | -14.0 |
| Thailand | 70 | 70 | 94 | 37 | 97 | 99 | 160 | 132 | 228 | 459 | 101.3 |
| Turkey | 5047 | 5807 | 6320 | 7133 | 6745 | 7812 | 6334 | 8107 | 7394 | 6669 | -9.8 |
| United Arab Emirates | 170 | 100 | 100 | 180 | 160 | 140 | 150 | 100 | 100 | 120 | 20.0 |
| EUROPE | 6586 | 6881 | 7658 | 7965 | 7064 | 7029 | 6735 | 5597 | 3672 | 2300 | -37.4 |
| Yugoslavia (former) | 6586 | 6881 | 7658 | 7965 | 7064 | 7029 | 6735 | 5597 | 3672 | 2300 | -37.4 |
| COUNTRIES IN EASTERN EUROPE | 260773 | 264298 | 266451 | 267526 | 269324 | 265125 | 257143 | 247545 | 204642 | 160389 | -21.6 |
| Bulgaria | 4116 | 4349 | 4200 | 4427 | 4165 | 3938 | 3533 | 3043 | 1409 | 765 | -45.7 |
| Czechoslovakia | 17208 | 17176 | 17122 | 17193 | 16886 | 16491 | 15853 | 15883 | 13768 | 12490 | -9.3 |
| Germany (former (German Dem. Rep.) | 3011 | 3215 | 4324 | 4100 | 4300 | 4200 | 4000 | 2800 | - | - | - |
| Hungary | 4182 | 4363 | 2566 | 3414 | 3403 | 2885 | 3263 | 3202 | 2700 | 2400 | -11.1 |
| Poland | 13797 | 17138 | 16985 | 16653 | 17122 | 16674 | 13448 | 11019 | 7424 | 7000 | -5.7 |
| Romania | 16464 | 16879 | 17494 | 17931 | 17981 | 16000 | 15626 | 11919 | 7867 | 2734 | -65.2 |
| USSR (former) | 202195 | 201178 | 203760 | 203808 | 205467 | 204937 | 201420 | 199679 | 171474 | 135000 | -21.3 |
| SOCIALIST COUNTRIES OF ASIA | 122777 | 136000 | 148654 | 161176 | 164718 | 176380 | 184393 | 193893 | 203948 | 231309 | 13.4 |
| China | 114665 | 127800 | 140354 | 152676 | 156118 | 167680 | 174693 | 183693 | 193748 | 221109 | 14.1 |
| Democratic People's Republic of Korea | 8112 | 8200 | 8300 | 8500 | 8600 | 8700 | 9700 | 10200 | 10200 | 10200 | - |

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

18. IRON ORE: Reported consumption¹

(thousand tonnes, natural weight)

| Country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|
| Algeria | .. | .. | .. | 2629# | .. | .. | 2776# | 2739# | .. | .. |
| Argentina | .. | .. | .. | .. | .. | 3753# | 4675# | .. | .. | .. |
| Australia | 7857 | 9445 | 8088 | 10000# | .. | .. | 10010# | 10000# | 9363# | .. |
| Austria | 5547 | 6309 | 6300 | 6385# | 5665 | 5850 | .. | 6104# | .. | .. |
| Brazil | 19106 | 26322 | 27558 | 28698 | 32043# | .. | 26959 | 23747 | 24429# | 25205# |
| Canada | 13103# | 14620# | 15009# | 14185# | 14929# | 14871# | 15571# | 11219# | 12506# | .. |
| Chile | .. | .. | .. | .. | .. | .. | 1095 | .. | .. | .. |
| Colombia | .. | .. | .. | .. | .. | 615# | .. | 725# | 705# | .. |
| Czechoslovakia | 16017# | 15939# | 15689# | 15787# | 15875# | 15664# | .. | .. | .. | 12643# |
| EEC | 128428 | 138668 | 144205 | 132627 | 131840 | 152002 | 152988# | 146771# | 145210# | 133663# |
| Belgium-luxembourg | 18503 | 20539 | 19776 | 18372 | 18198 | 19765# | 19288# | 19752# | 20081# | 17904# |
| France | 25620 | 26462 | 26606 | 24311 | 22701 | 24816# | 25440# | 24393# | 23252# | 22131# |
| Germany | 37817 | 42719 | 45204 | 41477 | 40550 | 50295# | 50964# | 46735# | 48598# | 44586# |
| Italy | 15835 | 17520 | 19352 | 18225 | 17090 | 19384# | 18787# | 18554# | 16833# | 13759# |
| Netherlands | 5563 | 7284 | 7433 | 7047 | 7181 | 7979# | 8228# | 7901# | 7479# | 7678# |
| Portugal | 576 | 478 | 616 | 636 | 639 | 729# | 621# | 554# | 419# | 656# |
| Spain | 11299 | 10159 | 10042 | 8175 | 7795 | 7860# | 9186# | 8814# | 9116# | 8209# |
| United Kingdom | 13215 | 13507 | 15176 | 14384 | 17682 | 21174# | 20474# | 20068# | 19432# | 18740# |
| Egypt | .. | .. | .. | .. | .. | .. | .. | 3980# | 4407# | 3337# |
| Finland | 3010 | 3201 | 2964 | 3084# | 3169 | 3370# | 3540# | .. | 3035# | 3783# |
| Germany (former G.D.R.) | 3713 | 3891 | 3940 | 4416 | 4405 | .. | 4307 | .. | .. | .. |
| Hungary | 4083 | 4054 | 3817 | 3673 | 3563 | 2885# | 3680# | .. | .. | .. |
| Japan ² | 101198 | 111598 | 111701 | 103046 | 101238 | 129369# | 131573# | 132161# | 131989# | 120538# |
| India | .. | .. | .. | .. | 26159# | 28524# | .. | .. | .. | .. |
| Iran, Islamic Rep. of | .. | .. | .. | .. | .. | .. | .. | .. | 3333# | .. |
| Malaysia | .. | .. | .. | .. | .. | 201# | 154# | .. | .. | 170# |
| Mexico | .. | .. | 5163 | 9138# | 9109# | 10983# | 10049# | 9687# | .. | 7453# |
| Morocco | .. | .. | .. | .. | .. | 17# | .. | .. | .. | .. |
| Norway | 1116 | 1034 | 1133 | .. | 722 | 673# | .. | .. | .. | .. |
| Peru | 190 | 74 | 332 | 413# | 357 | .. | .. | .. | .. | .. |
| Philippines | .. | .. | .. | .. | .. | 34# | .. | .. | .. | .. |
| Poland | 17307 | 17724 | 17218 | 18589# | 18161 | 16245# | .. | .. | .. | .. |
| Republic of Korea | .. | .. | .. | .. | .. | .. | 23000# | 22968 | 27890# | .. |
| Romania | .. | .. | .. | .. | .. | .. | .. | 13500# | .. | .. |
| Saudi Arabia | .. | .. | .. | 1750# | .. | .. | .. | .. | .. | .. |
| South Africa | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11330# |
| Sweden | 3116 | 3464 | .. | 2206# | 3500e | 3749 | 4357# | 3881# | 4363# | 3975# |
| Syrian Arab Republic | .. | .. | .. | .. | .. | .. | .. | 10# | .. | .. |
| Trinidad and Tobago | .. | .. | .. | .. | .. | .. | .. | 1020# | .. | .. |
| Thailand | .. | .. | .. | .. | .. | .. | .. | .. | .. | 260# |
| Tunisia | .. | .. | .. | .. | .. | 350# | 203# | .. | .. | .. |
| Turkey | 2620 | 4552 | 4436 | 3705 | 5736 | 7504# | 6744# | 8734# | 7557# | 7444# |
| United States | 63050# | 68450# | 66049# | 57513# | 62425# | 73602# | 73662# | 73685# | 63662# | 73704# |
| Venezuela | 4294 | 4324 | 4823 | 5453# | 5498 | 5086 | 4595# | 4977# | 6735# | 4941# |
| Yugoslavia (former) | 5480 | .. | .. | 6202 | 11466 | 4498 | 6220# | .. | .. | .. |
| Zimbabwe | .. | .. | .. | 1142# | .. | 1024# | 993# | 1030# | 841# | 884# |

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.

19. IRON ORE: Reported consumption by product, 1992

(thousand tonnes)

| Country or area | Non-agglomerated ores | | | | | | | Agglomerated | | TOTAL |
|-----------------|--------------------------|--------------------|--------------------|---------------------------|--------------------------|--------|---------------|----------------------|---------------------|----------------|
| | Run of mine ¹ | Lumps ² | Fines ³ | Concentrates ⁴ | Pellet-feed ⁵ | Others | Total | Pellets ⁶ | Sinter ⁷ | |
| EEC | .. | .. | .. | .. | .. | .. | 15,793 | 25,099 | 92,771 | 133,663 |
| Belgium | .. | .. | .. | .. | .. | .. | 1,736 | 1,170 | 10,771 | 13,677 |
| France | .. | .. | .. | .. | .. | .. | 3,231 | 374 | 18,526 | 22,131 |
| Germany | .. | .. | .. | .. | .. | .. | 4,641 | 13,363 | 26,582 | 44,586 |
| Italy | .. | .. | .. | .. | .. | .. | 1,500 | 3,076 | 9,183 | 13,759 |
| Luxembourg | .. | .. | .. | .. | .. | .. | 171 | - | 4,056 | 4,227 |
| Netherlands | .. | .. | .. | .. | .. | .. | 52 | 3,831 | 3,795 | 7,678 |
| Portugal | .. | .. | .. | .. | .. | .. | 1 | 226 | 429 | 656 |
| Spain | .. | .. | .. | .. | .. | .. | 372 | 1,842 | 5,995 | 8,209 |
| United Kingdom | .. | .. | .. | .. | .. | .. | 4,089 | 1,217 | 3,434 | 18,740 |
| Egypt | - | 1,071 | 990 | - | - | - | 2,061 | 1,276 | - | 3,337 |
| Finland | - | - | - | - | - | - | - | 639 | 3,144 | 3,783 |
| Japan | .. | .. | .. | .. | .. | .. | 20,085 | 9,144 | 91,309 | 120,538 |
| South Africa | 11,330 | - | - | - | - | - | 11,330 | - | - | 11,330 |
| Sweden | - | 57 | 869 | 144 | - | - | 1,070 | 2,905 | - | 3,975 |
| Turkey | - | 1,244 | - | - | - | - | 1,244 | 1,773 | 4,427 | 7,444 |
| U.S.A. | - | 2,055 | - | - | - | - | 2,055 | 60,199 | 11,528 | 73,701 |
| Venezuela | - | 421 | 4,520 | - | - | - | 4,941 | - | - | 4,941 |
| Zimbabwe | - | 727 | - | - | - | - | 727 | - | 157 | 884 |

- 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.

20. IRON ORE: Reported stocks¹

(thousand tonnes)

| Country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
| Algeria (Total) | .. | .. | .. | .. | 614# | .. | .. | 805# | 708# | .. |
| (producers) | .. | .. | .. | .. | .. | .. | 597# | 478# | .. | .. |
| (consumers) | .. | .. | .. | .. | .. | .. | 208# | 230# | .. | .. |
| Austria (Total) | .. | .. | 1623 | .. | .. | .. | 1237# | .. | .. | .. |
| (producers) | .. | .. | .. | 380# | .. | .. | 219# | 294# | .. | .. |
| (consumers) | .. | .. | .. | 1243# | .. | .. | .. | 943# | .. | .. |
| Bolivia (producers) | .. | .. | .. | .. | .. | .. | 3# | .. | .. | .. |
| Brazil (producers) | 35887 | 32245 | .. | .. | .. | 1342# | .. | .. | 6945# | .. |
| Canada (Total) | 12492 | 10213 | 11179 | 9927 | 6846 | 7489 | 8856 | .. | .. | .. |
| (producers) | 8322 | 5211 | 6796 | 5306 | 2449 | 3156# | 4388# | .. | 5366# | .. |
| (consumers) | 4170 | 5002 | 4383 | 4621 | 4397 | 4333# | 4468# | .. | .. | .. |
| Chile (Total) | .. | .. | .. | 2963 | .. | .. | .. | .. | .. | .. |
| (producers) | .. | .. | .. | 1142# | 1046# | 1095# | .. | 1062# | 767# | .. |
| (consumers) | .. | .. | .. | 1821# | .. | .. | .. | .. | .. | .. |
| Czechoslovakia (consumers) | .. | .. | .. | .. | .. | .. | .. | .. | .. | 793# |
| EEC² (Total) | 22578 | 19581 | 17955 | 21009 | 19536 | 17850 | 19249 | 17361 | 17683# | .. |
| (producers) | 6656# | 3641# | 2346# | 3742# | 3040# | 1972# | 1573# | 1620# | 1482# | .. |
| (consumers) | 15922# | 15940# | 15609# | 17267# | 16496# | 15878# | 17676 | 15741# | 16201# | .. |
| Belgium (consumers) | 1263# | 1335# | 1309# | 1319# | 1299# | 1284# | 1336# | 1381# | 1580# | .. |
| France (Total) | 9619# | 6507# | 5450# | 5304# | 5328# | 3636# | 3635# | 3665# | 3394# | 2972# |
| (producers) | 5553# | 3020# | 2194# | 2036# | 2060# | 1069# | 680# | 1141# | 976# | 848# |
| (consumers) | 4066# | 3487# | 256# | 3268# | 2856# | 2955# | 2955# | 2524# | 2418# | 2124# |
| Germany (Total) | 4483# | 4080# | 3793# | 4210# | 3569# | 3332# | 3388# | 3252# | 3642# | 3887# |
| (producers) | 883# | 621# | 152# | 209# | 82# | 22# | 48# | 44# | 66# | 80# |
| (consumers) | 3600# | 3459# | 3641# | 4001# | 3487# | 3310# | 3340# | 3208# | 3576# | 3807# |
| Italy (Total) | 1548# | 1812# | 1902# | 1976# | 1809# | 2118# | 2569# | 1976# | 2039# | 1926# |
| (producers) | 220# | 0# | 0# | 0# | 0# | 0# | 0# | 0# | 0# | 0# |
| (consumers) | 1328# | 1812# | 1902# | 1976# | 1809# | 2118# | 2569# | 1976# | 2039# | 1926# |
| Luxembourg (consumers) | 1239# | 1088# | 1273# | 1271# | 1126# | 961# | 1017# | 984# | 905# | .. |
| Netherlands (consumers) | 1110# | 1217# | 1312# | 1411# | 1463# | 1347# | 1365# | 1227# | 1513# | .. |
| Portugal (consumers) | .. | .. | .. | 123# | 138# | 89# | 192# | 104# | 95# | .. |
| Spain (Total) | .. | .. | .. | 2085 | 1686 | 1910 | 1896 | 1488 | 1597# | 1733# |
| (producers) | 1259# | 1855# | 1370# | 1497# | 898# | 881# | 845# | 435# | 440# | 307# |
| (consumers) | .. | .. | .. | 588# | 788# | 1029# | 1051# | 1053# | 1157# | 1426# |
| United Kingdom (consumers) | 3316# | 3542# | 2916# | 3310# | 3530# | 3173# | 3851# | 3284# | 2898# | .. |
| Egypt (Total) | .. | .. | .. | .. | 513 | .. | .. | 1080 | 700# | 2542# |
| (producers) | .. | .. | .. | .. | 455# | .. | .. | 340# | 200# | 1390# |
| (consumers) | .. | .. | .. | .. | 58# | .. | .. | 740# | 500# | 1152# |
| Finland (Total) | .. | .. | .. | 260 | .. | .. | .. | .. | 235 | 332# |
| (producers) | .. | .. | .. | 8# | .. | .. | .. | .. | .. | .. |
| (consumers) | .. | .. | .. | 252# | .. | 200# | 260# | .. | 235# | 332# |
| Hungary (consumers) | .. | .. | .. | .. | .. | 227# | 455# | 320# | .. | .. |
| Iran, Islamic Rep. of (Total) | .. | .. | .. | 260 | .. | .. | .. | .. | 1827 | .. |
| (producers) | .. | .. | .. | .. | .. | .. | .. | .. | 1189# | .. |
| (consumers) | .. | .. | .. | 252# | .. | .. | .. | .. | 638# | .. |
| Japan ³ | 15507 | 15934 | 15291 | 17494 | 14232 | 17118# | 19171# | 16165# | 16725# | 14192# |
| Liberia | .. | .. | .. | .. | 2500 | 1800 | .. | .. | .. | .. |
| Malaysia (producers) | .. | .. | .. | .. | .. | 22# | 1# | .. | .. | .. |
| Mauritania (producers) | .. | .. | .. | .. | .. | 342# | 866# | 1426# | 381# | 1100# |
| Mexico (Total) | .. | .. | .. | 3381 | .. | .. | 794 | 1366# | .. | .. |
| (producers) | .. | .. | .. | 3294# | .. | .. | 274# | 619# | .. | 644# |
| (consumers) | .. | .. | .. | 87# | .. | .. | 520# | 747# | .. | 310# |
| Morocco (producers) | .. | .. | .. | .. | .. | 68# | .. | 67# | 6# | .. |
| Norway (producers) | .. | .. | .. | .. | .. | .. | 751# | .. | .. | .. |
| Peru (producers) | .. | .. | .. | 1280# | .. | 781# | .. | 502# | 1189# | .. |
| (consumers) | .. | .. | .. | .. | .. | .. | .. | .. | 49# | .. |

20. IRON ORE: Reported stocks¹

(concluded)

(thousand tonnes)

| Country or area | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 |
|------------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| Philippines (consumers) | .. | .. | .. | .. | .. | 4# | .. | 277# | .. | .. |
| Poland (consumers) | .. | .. | .. | 4432# | .. | 9365# | .. | .. | .. | .. |
| Republic of Korea (Total) | .. | .. | .. | .. | .. | .. | 1410 | 1455 | 2200 | .. |
| (producers) | 85 | 90 | 102 | 111 | .. | .. | 10# | .. | -# | .. |
| (consumers) | .. | .. | .. | .. | .. | .. | 1400# | .. | 2200# | .. |
| Romania (Total) | .. | .. | .. | .. | .. | .. | .. | 243 | .. | .. |
| (producers) | .. | .. | .. | .. | .. | .. | .. | 174# | .. | .. |
| (consumers) | .. | .. | .. | .. | .. | .. | .. | 69# | .. | .. |
| Saudi Arabia (consumers) | .. | .. | 230 | .. | .. | .. | .. | .. | .. | .. |
| Sweden (Total) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (consumers) | .. | .. | .. | 1960# | .. | .. | .. | .. | .. | .. |
| (producers) | .. | .. | .. | .. | .. | .. | 1752# | 2002# | 1879# | 2224# |
| Turkey (Total) | .. | .. | .. | .. | .. | 3091 | 3926 | .. | 2734 | 2480# |
| (producers) | .. | .. | .. | .. | .. | 1793# | 2310# | .. | 1329# | 1273# |
| (consumers) | .. | .. | .. | .. | .. | 1298# | 1616# | 2326# | 1405# | 1207# |
| United States (Total) | 33315 | 32739 | 29858 | 22551 | 22877 | 20182 | 25900 | 22977 | 28400 | 22857 |
| (producers) | 7125 | 7453 | 7071 | 5113 | 6312 | 3296 | 4575 | 4795# | 4853# | 3783# |
| (consumers) | 25902 | 24401 | 21631 | 17438 | 16565 | 16886 | 15730# | 15911# | 17612# | 19074# |
| Venezuela (producers) | .. | .. | .. | .. | 2033# | 2845# | 1184# | 1969# | 1670# | .. |
| Yugoslavia (former) (Total) | .. | .. | .. | .. | .. | 542 | 1917# | .. | .. | .. |
| (producers) | .. | .. | .. | .. | .. | 259# | 79# | .. | .. | .. |
| (consumers) | .. | .. | .. | .. | .. | 283# | 1838# | .. | .. | .. |
| Zimbabwe (Total) | .. | .. | .. | 5327 | .. | 4782 | 5848 | 6045 | 7124 | 6833 |
| (producers) | .. | .. | .. | 3854# | .. | 4130# | 4789# | 5091# | 5614# | 5743# |
| (consumers) | .. | .. | .. | 1473# | .. | 652# | 1059# | 954# | 1510# | 1090# |

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 EEC total: EUR 10(1981-1984), as of 1985 EUR 12. Ireland, Greece and Denmark are not included.

³ Dry weight.

21.A IRON ORE: Reported stocks by products (producers), 1992

(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 |
| EEC | .. | .. | .. | .. | .. | .. | .. | - | - |
| France | .. | .. | .. | .. | .. | .. | 848 | - | - |
| Germany | .. | .. | .. | .. | .. | .. | 80 | - | - |
| Spain | .. | .. | .. | .. | .. | .. | 307 | - | - |
| Egypt | 200 | 1,100 | 90 | - | - | - | 1,390 | - | - |
| Mauritania | 144 | 26 | 610 | 320 | - | - | 1,100 | - | - |
| Mexico | 45 | - | 64 | 81 | 90 | - | 280 | 354 | 10 |
| Sweden | - | 388 | 900 | 27 | - | - | 1,315 | 909 | - |
| Turkey | 1,180 | - | - | - | - | - | 1,180 | 92 | - |
| Venezuela | - | 1,339 | 829 | - | - | - | 2,168 | - | - |
| Zimbabwe | 79 | 329 | 5,335 | - | - | - | 5,743 | - | - |

21.B IRON ORE : Reported stocks by products (consumers), 1992

(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 |
| Czechoslovakia | .. | 12 | 341 | 226 | - | - | 579 | 191 | 23 |
| EEC | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Belgium | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| France | .. | .. | .. | .. | .. | .. | 1,638 | 140 | 346 |
| Germany | .. | .. | .. | .. | .. | .. | 2,748 | 701 | 359 |
| Italy | .. | .. | .. | .. | .. | .. | 1,298 | 594 | 34 |
| Luxembourg | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Netherlands | .. | .. | .. | .. | .. | .. | 704 | 145 | 58 |
| Portugal | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Spain | .. | .. | .. | .. | .. | .. | 964 | 330 | 132 |
| United Kingdom | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Egypt | 500 | 260 | 240 | - | - | - | 1,000 | 152 | - |
| Finland | - | - | - | 210 | - | - | 210 | 21 | 40 |
| Japan | .. | .. | .. | .. | .. | .. | 11,346 | 1,123 | 1,723 |
| Mexico | - | - | - | - | 90 | - | 90 | 220 | - |
| Turkey | 304 | 485 | 286 | 27 | - | - | 1,102 | 105 | - |
| Zimbabwe | 20 | 50 | 1,020 | - | - | - | 1,090 | - | - |

- 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.

22. PIG IRON:¹ Production

(thousand tonnes)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|---------------|---------------|---------------|---------------|-----------------|----------------|----------------|---------------|---------------|---------------|
| WORLD | 461947 | 491307 | 499052 | 496065 | 508160.3 | 537544 | 554014 | 532123 | 507157 | 489783 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 224056 | 245268 | 246423 | 228447 | 231930 | 253547 | 266635 | 249980 | 243048 | 234705 |
| AMERICA | 52775 | 56730 | 55429 | 49121 | 53636 | 60059 | 60816 | 57173 | 52391 | 55998 |
| Canada | 8567 | 9643 | 9665 | 9249 | 9719 | 9498# | 10139# | 7346 | 8268 | 8621 |
| United States | 44208 | 47087 | 45764 | 39872 | 43917 | 50561 | 50677 | 49827# | 44123# | 47377# |
| EUROPE | 88085 | 97275 | 99780 | 93012 | 92989 | 102386# | 104135 | 100302 | 98147 | 92739 |
| EEC | 80250 | 88679 | 91079 | 84601 | 84752 | 93681# | 95134 | 91777 | 89564 | 84517 |
| Belgium-Luxembourg | 10388 | 11779 | 11501 | 10724 | 10559 | 11701# | 11607# | 12082 | 11839 | 10779 |
| France | 13770 | 14719 | 15067 | 13714 | 13236 | 14786# | 15071# | 14414 | 13646 | 13051 |
| Germany | 26598 | 30203 | 31531 | 28592 | 28119 | 32453# | 32777# | 30098 | 30989 | 28548 |
| Greece | 125 | 125 | 125E | - | - | - # | - | - | - | - |
| Italy | 10362 | 11628 | 11658 | 11898 | 11372 | 11376# | 11788# | 11882 | 10856 | 10461 |
| Netherlands | 3747 | 4926 | 4819 | 4628 | 4574 | 4994# | 5163# | 4960 | 4696 | 4849 |
| Portugal | 364 | 474 | 519 | 422 | 430 | 445# | 377# | 340 | 251 | 402 |
| Spain | 5419 | 5338 | 5477 | 4811 | 4804 | 4691# | 5535# | 5682 | 5404 | 5076 |
| United Kingdom | 9477 | 9487 | 10382 | 9812 | 11658 | 13235# | 12816# | 12319 | 11883 | 11351 |
| EFTA | 7835 | 8596 | 8701 | 8411 | 8237 | 8705 | 9001 | 8525 | 8583 | 8222 |
| Austria | 3320 | 3745 | 3704 | 3349 | 3417 | 3664 | 3823# | 3452# | 3441# | 3074 |
| Finland | 1898 | 2034 | 1901 | 1978 | 2064 | 2180# | 2300# | 2283 | 2330# | 2413# |
| Norway | 596 | 549 | 606 | 570 | 371 | 367# | 240# | 54 | - | - |
| Sweden | 2011 | 2214 | 2424 | 2435 | 2315 | 2494 | 2638# | 2736# | 2812# | 2735# |
| Switzerland | 10 | 54 | 66 | 79 | 70 | - | - | - | - | - |
| SOUTH AFRICA | 5215 | 5531 | 5038 | 5774 | 6317 | 6171 | 6513 | 6234 | 6968 | 6498 |
| ASIA | 72936 | 80403 | 80569 | 74651 | 73419 | 79221 | 89121 | 80144 | 79909 | 73086 |
| Japan | 72936 | 80403 | 80569 | 74651 | 73419 | 79221# | 89121 | 80144# | 79909# | 73086# |
| OCEANIA | 5045 | 5329 | 5607 | 5889 | 5569 | 5710 | 6050 | 6127 | 5633 | 6384 |
| Australia | 5045# | 5329# | 5607# | 5889# | 5569# | 5710# | 6050# | 6127 | 5633 | 6384 |
| DEVELOPING COUNTRIES AND TERRITORIES | 48408 | 54499 | 58460 | 61838 | 65450.3 | 71745.7 | 74741.8 | 74069 | 78222 | 79921 |
| AFRICA | 2517 | 2787 | 3166 | 3259 | 3293 | 3099 | 3080 | 3055 | 3000 | 2897 |
| Algeria | 1113 | 1150 | 1400 | 1400 | 1499 | 1500 | 1300# | 1300E | 1200E | 1100E |
| Egypt | 898 | 962 | 950 | 1066 | 1071# | 1112 | 1100E | 1068# | 1149# | 1103# |
| Tunisia | 147 | 150 | 142 | 149 | 163 | 128 | 155 | 148 | 162 | 147 |
| Zimbabwe | 359# | 525# | 674 | 644 | 560 | 359# | 525# | 539 | 489# | 547# |
| AMERICA | 18482 | 23189 | 25225 | 27151 | 28199.3 | 30294.7 | 31453.8 | 28153 | 28243 | 28686 |
| Argentina | 909 | 893 | 1309 | 1639 | 1775 | 1596# | 2169# | 1918 | 1437 | 971 |
| Brazil | 12945 | 17230 | 18961 | 20163 | 21121# | 23222# | 24380.8 | 21141 | 22530# | 22982# |
| Chile | 540 | 596 | 575 | 592 | 613 | 778 | 679 | 675 | 726 | 873 |
| Colombia | 268 | 271 | 247 | 319 | 326 | 370# | 297 | 323 | 304 | 298 |
| Mexico | 3538 | 3869 | 3530 | 3728 | 3712# | 3678# | 3230# | 3665# | 3039 | 3404# |
| Peru | 113# | 4# | 163# | 216# | 178.3# | 165.7# | 209 | 117 | 207# | 158 |
| Venezuela | 169 | 326 | 440 | 494 | 474 | 485# | 489# | 314# | - | - |
| ASIA | 24567 | 25668 | 26980 | 28365 | 31091 | 35436 | 37306 | 40548 | 45713 | 47514 |
| India | 9162 | 9464 | 9835 | 10514 | 10923 | 11724# | 12080# | 12644 | 14176 | 15126 |
| Indonesia | 250 | 250E | 250E | - | - | - | # | - | - | - |
| Iran, Islamic Rep. of | 240 | 250E | 250E | 250E | 250E | 250E | 250E | 1267 | 1952# | 2053 |
| Malaysia | 230 | 200E | 200E | 200E | 200E | - # | - | - | - | - |
| Pakistan | 490 | 550 | 803 | 895 | 905 | 905 | 910E | 920E | 910E | 800E |
| Philippines | 22 | 20 | 20E | 20E | 20E | 20E | - | - | - | - |
| Republic of Korea | 8024 | 8763 | 8833 | 9003 | 11057 | 12578 | 14840# | 15390# | 18510# | 19323 |
| Taiwan Province of China | 3415 | 3288 | 3429 | 3740 | 3658 | 5487# | 5708# | 5491 | 5561 | 5292 |
| Thailand | 10 | 10 | 10 | 10E | 10E | 10E | 10E | 10E | 10 | - |
| Turkey | 2724# | 2873# | 3350# | 3733# | 4068# | 4462# | 3508# | 4826# | 4594# | 4920# |
| EUROPE | 2842 | 2855 | 3089 | 3063 | 2867 | 2916 | 2902 | 2313 | 1266 | 824 |
| Yugoslavia (former) | 2842# | 2855 | 3089# | 3063 | 2867 | 2916# | 2902# | 2313# | 1266 | 824 |

22. PIG IRON:¹ Production
(concluded)

(thousand tonnes)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| COUNTRIES | | | | | | | | | | |
| IN EASTERN EUROPE | 146603 | 145728 | 144579 | 149340 | 149850 | 149312 | 148538 | 139568 | 112723 | 95719 |
| Bulgaria | 1635 | 1583 | 1712 | 1605 | 1657 | 1484 | 1484 | 1143 | 1100E | 1050E |
| Czechoslovakia | 9466 | 9561 | 9562 | 9573 | 9788 | 9706 | 9911# | 9667 | 8479 | 8034# |
| Germany(former German Dem. Rep.) | 2207 | 2357 | 2578 | 2738 | 2755 | 2786 | 2732 | 2159 | - | - |
| Hungary | 2059 | 2150 | 2102 | 2061 | 2109 | 2000# | 1951 | 1708 | 1311 | 1176 |
| Poland | 8190 | 9627 | 9436 | 10194 | 10121 | 9837# | 9488 | 8352 | 6355 | 6348 |
| Romania | 12593 | 9557 | 9212 | 9329 | 9500E | 8941# | 9051# | 6355# | 4525# | 3111 |
| USSR (former) | 110453 | 110893 | 109977 | 113840 | 113920 | 114558# | 113921# | 110184# | 90953 | 76000E |
| of which | | | | | | | | | | |
| Russia | .. | .. | .. | .. | .. | .. | .. | .. | 48700 | 45800 |
| SOCIALIST COUNTRIES | | | | | | | | | | |
| OF ASIA | 42880 | 45812 | 49590 | 56440 | 60930 | 62940 | 64100 | 68506 | 73164 | 79438 |
| China | 37380 | 40062 | 43840 | 50640 | 55030 | 57040 | 58200 | 62606 | 67164 | 73438 |
| Democratic People's Rep. of Korea | 5500 | 5750 | 5750 | 5800 | 5900E | 5900E | 5900E | 5900E | 6000E | 6000E |

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

23. SPONGE IRON (DRI):¹ Production

(thousand tonnes)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| WORLD | 7797 | 9192 | 10988 | 12654 | 13630 | 13872 | 15501 | 17258 | 19202 | 20291 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 870 | 1180 | 1560 | 2070 | 1980 | 2060 | 2189 | 2292 | 2232 | 2595 |
| AMERICA | 540 | 620 | 880 | 850 | 940 | 1060 | 996 | 1122 | 970 | 1028 |
| Canada | 540 | 500 | 740 | 690 | 730 | 770 | 705 | 732 | 560 | 639 |
| United States | - | 120 | 140 | 160 | 210 | 290 | 291 | 390 | 410 | 389# |
| EUROPE | 90 | 120 | 100 | 170 | 200 | 270 | 353 | 310 | 362 | 273 |
| EEC | 70 | 100 | 100 | 170 | 200 | 270 | 353 | 310 | 260 | 170 |
| Germany | 70 | 100 | 100 | 170 | 200 | 270 | 353 | 310 | 260 | 170 |
| EFTA | 20 | 20 | - | - | - | - | - | - | 102 | 103 |
| Sweden | 20 | 20 | - | - | - | - | - | - | 102 | 103# |
| SOUTH AFRICA | 80 | 270 | 410 | 790 | 840 | 730 | 840 | 860 | 900 | 910 |
| OCEANIA | 160 | 170 | 170 | 260 | - | - | - | - | - | 384 |
| New Zealand | 160 | 170 | 170 | 260 | - | - | - | - | - | 384 |
| DEVELOPING COUNTRIES AND TERRITORIES | 6907 | 7642 | 9008 | 9834 | 10390 | 10132 | 11612 | 13276 | 15270 | 16116 |
| AFRICA | 160 | 150 | 220 | 140 | 610 | 902 | 1040 | 1331 | 1520 | 1723 |
| Egypt | - | - | - | 30 | 470 | 770 | 817 | 710 | 620 | 826# |
| Libyan Arab Jamahiriya | - | - | - | - | - | - | 90 | 500 | 790 | 847 |
| Nigeria | 160 | 150 | 220 | 110 | 140 | 132 | 133 | 121 | 110 | 50 |
| AMERICA | 5397 | 5392 | 5638 | 5976 | 6453 | 5938 | 6357 | 7016 | 8226 | 8646 |
| Argentina | 950 | 910 | 990 | 950 | 1040 | 1067 | 1166 | 1035 | 960 | 1017 |
| Brazil | 250 | 250 | 290 | 300 | 200 | 195 | 239 | 280 | 226 | 230# |
| Mexico | 1500 | 1450 | 1454 | 1370 | 1551 | 1686 | 2163 | 2525 | 2490 | 2394# |
| Peru | 27 | 62 | 44 | 56 | 52 | 49 | 50 | 30 | 24 | 30 |
| Trinidad and Tobago | 280 | 240 | 220 | 380 | 490 | 593 | 695 | 800 | 710 | 675 |
| Venezuela | 2390 | 2480 | 2640 | 2920 | 3120 | 2348 | 2044 | 2346 | 3816 | 4300 |
| ASIA | 1350 | 2100 | 3150 | 3718 | 3327 | 3292 | 4215 | 4929 | 5524 | 6247 |
| India | 40 | 80 | 90 | 148 | 177 | 195 | 360 | 750 | 1180 | 1440 |
| Indonesia | 570 | 740 | 1000 | 1300 | 1030 | 980 | 1210 | 1410 | 1430 | 1370 |
| Iran, Islamic Rep. of | - | - | 30 | - | - | - | 40 | 300 | 584 | 709 |
| Iraq | - | - | - | - | - | 100 | 200 | 170 | - | - |
| Malaysia | - | 40 | 520 | 580 | 590 | 427 | 644 | 620 | 620 | 480# |
| Myanmar (Union of) | - | 10 | 30 | 30 | 20 | 20 | 20 | 20 | 20 | 20 |
| Qatar | 390 | 500 | 490 | 490 | 470 | 495 | 534 | 574 | 570 | 617 |
| Saudi Arabia | 350 | 730 | 990 | 1170 | 1040 | 1075 | 1207 | 1085 | 1120 | 1611 |
| COUNTRIES OF EASTERN EUROPE | 20 | 370 | 420 | 750 | 1260 | 1680 | 1700 | 1690 | 1700 | 1580 |
| USSR (former) | 20 | 370 | 420 | 750 | 1260 | 1680 | 1700 | 1690 | 1700 | 1580 |

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

24. METALLICS: Reported consumption,¹ 1989-1992

(thousand tonnes)

| Country or area | Pig iron | | | | Sponge iron | | | | Ferrous scrap ² | | | |
|-----------------------|----------|--------|--------|--------|-------------|-------|-------|--------|----------------------------|--------|--------|--------|
| | 1989 | 1990 | 1991 | 1992 | 1989 | 1990 | 1991 | 1992 | 1989 | 1990 | 1991 | 1992 |
| Argentina | 2,068 | 1,898 | .. | .. | 1,067 | 1,002 | .. | .. | 1,274 | 1,190 | .. | .. |
| Australia | 6,050 | .. | .. | .. | - | .. | .. | .. | - | .. | .. | .. |
| Brazil | 17,878 | 16,848 | 19,970 | .. | 259 | 263 | 226 | .. | 8,032 | 6,505 | 5,714 | .. |
| Canada | 10,128 | .. | .. | .. | - | .. | .. | .. | 7,790 | .. | .. | .. |
| Colombia | 298 | 332 | .. | .. | - | - | .. | .. | 571 | 379 | .. | .. |
| EEC | 92,164 | 89,095 | 88,839 | .. | .. | .. | .. | .. | 61,766 | 60,370 | 63,385 | .. |
| Belgium-Luxembourg | 11,769 | 12,054 | 11,858 | .. | .. | .. | .. | .. | 4,347 | 4,510 | 4,415 | .. |
| Denmark | 101 | 101 | 93 | .. | .. | .. | .. | .. | 631 | 608 | 610 | .. |
| France | 13,499 | 13,367 | 12,984 | .. | .. | .. | .. | .. | 6,920 | 7,396 | 7,422 | .. |
| Germany | 31,399 | 28,924 | 29,951 | .. | .. | .. | .. | .. | 6,920 | 7,396 | 7,422 | .. |
| Greece | 16 | .. | - | .. | - | .. | .. | .. | 1,071 | 1,095 | 1,092 | .. |
| Ireland | - | - | - | - | - | - | - | - | 362 | 364 | 327 | .. |
| Italy | 11,482 | 11,425 | 10,831 | .. | .. | .. | .. | .. | 16,839 | 16,717 | 17,019 | .. |
| Netherlands | 5,144 | 4,946 | 4,700 | .. | .. | .. | .. | .. | 1,111 | 1,009 | 1,003 | .. |
| Portugal | 381 | 333 | 235 | .. | .. | .. | .. | .. | 492 | 531 | 394 | .. |
| Spain | 5,555 | 5,496 | 5,450 | .. | .. | .. | .. | .. | 9,196 | 8,895 | 9,264 | .. |
| United Kingdom | 12,818 | 12,449 | 12,136 | .. | .. | .. | .. | .. | 7,880 | 6,710 | 6,001 | .. |
| Egypt | .. | .. | 1,201 | 1,064 | .. | .. | .. | .. | .. | .. | 316 | 1,160 |
| Finland | .. | .. | 2,330 | 2,413 | - | - | - | - | 850 | .. | 545 | 601 |
| Greece | 16 | .. | .. | .. | - | .. | .. | .. | 1,071 | .. | .. | .. |
| Hungary | 100 | .. | .. | .. | - | .. | .. | .. | 1,494 | .. | .. | .. |
| Iran, Islamic Rep. of | .. | .. | 1,774 | .. | .. | .. | 469 | .. | .. | .. | 320 | .. |
| Indonesia | 125 | .. | .. | .. | 1,286 | .. | .. | .. | 923 | .. | .. | .. |
| Japan | 80,448 | 81,442 | 81,395 | .. | - | - | - | 45,872 | 48,244 | 46,969 | 42,720 | .. |
| Mexico | 3,271 | 3,711 | .. | .. | 2,290 | 2,527 | .. | .. | 2,720 | 3,448 | .. | .. |
| Peru | .. | .. | 192 | .. | .. | .. | 18 | .. | .. | .. | 35 | .. |
| Republic of Korea | 15,290 | 15,940 | 18,690 | .. | - | - | - | .. | 1,580 | 1,960 | 810 | .. |
| Sweden | 2,620 | 2,746 | 2,845 | 2,720 | - | - | - | - | 2,589 | 2,394 | 2,095 | .. |
| Slovenia | .. | .. | .. | 314 | .. | .. | .. | .. | .. | .. | .. | .. |
| Syrian Arab Republic | .. | - | .. | .. | .. | .. | .. | .. | .. | 80 | .. | .. |
| Thailand | .. | .. | .. | 159 | .. | .. | .. | .. | .. | .. | .. | 863 |
| Turkey | 3,928 | 4,327 | 6,880 | 4,920 | 24 | 19 | 38 | 33 | 5,098 | 5,500 | 5,450 | 6,160 |
| United States | .. | .. | 43,991 | 47,096 | .. | .. | .. | .. | 63,763 | 63,601 | 45,450 | 47,091 |
| USSR(former) | .. | .. | .. | .. | .. | .. | .. | .. | 95,000 | .. | .. | .. |
| Venezuela | 489 | 309 | 26 | - | 2,341 | 2,603 | 2,229 | 2,468 | 489 | 736 | 745 | 794 |
| Yugoslavia(former) | 2,650 | .. | .. | .. | - | - | - | .. | 2,417 | .. | .. | .. |
| Zimbabwe | 518 | .. | 440 | 18 | - | - | - | - | - | 115 | .. | .. |

¹ Reported consumption in iron and steel works.

² Ferrous scrap high in Fe used by the steel industry.

25. METALLICS: Reported exports, 1989-1992

(thousand tonnes)

| Country or area | Pig iron | | | | Sponge iron | | | | Ferrous scrap | | | |
|------------------|----------|-------|-------|-------|-------------|------|------|-------|---------------|--------|-------|-------|
| | 1989 | 1990 | 1991 | 1992 | 1989 | 1990 | 1991 | 1992 | 1989 | 1990 | 1991 | 1992 |
| Brazil | 2,989 | 3,488 | 2,560 | 2,415 | - | - | - | - | .. | .. | .. | .. |
| Bulgaria | - | 7 | .. | 5.7 | - | - | - | - | - | - | - | - |
| Canada | .. | .. | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| Cuba | - | - | - | .. | - | - | - | .. | - | 86 | .. | .. |
| Czechoslovakia | 80 | 70 | 55 | - | - | - | - | 60 | 141 | 662 | .. | .. |
| France | - | .. | .. | - | - | .. | .. | .. | .. | .. | 3,442 | .. |
| Germany | - | .. | .. | - | - | .. | .. | .. | .. | .. | 7,251 | .. |
| Hungary | 45 | .. | .. | - | - | .. | .. | .. | 112 | .. | .. | .. |
| India | .. | .. | 1 | .. | - | - | - | .. | .. | .. | 87 | .. |
| Italy | 24 | .. | .. | .. | - | - | - | .. | .. | 4 | .. | .. |
| Japan | 25 | 25 | 22 | .. | - | - | - | .. | 587 | 396 | 362 | 1,722 |
| Malaysia | 0 | .. | .. | .. | 397 | .. | .. | .. | 24 | .. | .. | .. |
| Mexico | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40 |
| Morocco | .. | .. | 0 | .. | .. | .. | .. | .. | .. | .. | 5 | .. |
| New Zealand | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 |
| Norway | 52 | 50 | 58 | .. | - | 0 | 0 | .. | 1 | 0 | 4 | .. |
| Sri Lanka | - | .. | .. | .. | - | .. | .. | .. | 40 | .. | .. | .. |
| Spain | .. | .. | 0 | .. | .. | .. | .. | .. | .. | .. | 25 | .. |
| Sweden | 13 | 5 | 9 | 32 | 3 | 4 | 5 | 9 | 142 | 122 | 237 | 66 |
| Thailand | - | - | - | - | - | - | - | - | .. | .. | 10 | .. |
| Turkey | 0 | 18 | 193 | 39 | 0 | - | - | - | 4 | 7 | 10 | 11 |
| United Kingdom | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3,215 | .. |
| United States | .. | 14 | 16 | 33 | .. | 6 | 5 | 0 | 11,078 | 11,580 | 9,345 | 9,203 |
| USSR(former) | 6,517 | 6,276 | .. | .. | .. | .. | .. | 2,727 | 1,294 | .. | .. | .. |
| of which: Latvia | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 60 | 1 |
| Venezuela | - | - | - | - | 659 | 857 | 678 | 667 | 1,330 | 1,729 | 15 | 55 |

26. METALLICS : Reported imports, 1989-1992

(thousand tonnes)

| Country or area | Pig iron | | | | Sponge iron | | | | Ferrous scrap | | | |
|---|----------|-------|-------|-------|-------------|------|------|------|---------------|-------|-------|-------|
| | 1989 | 1990 | 1991 | 1992 | 1989 | 1990 | 1991 | 1992 | 1989 | 1990 | 1991 | 1992 |
| Argentina | 2 | .. | .. | .. | - | .. | .. | .. | 11 | .. | .. | .. |
| Bulgaria | - | 309 | 35 | 9.4 | - | - | - | - | - | - | - | - |
| Colombia | - | 32 | .. | .. | - | - | - | - | - | 28 | .. | .. |
| Cuba | 240 | - | .. | - | - | - | - | - | - | - | - | .. |
| Cyprus | .. | 1 | .. | .. | .. | .. | - | - | - | - | .. | .. |
| Czechoslovakia | 673 | .. | .. | .. | - | .. | .. | .. | 13 | .. | .. | .. |
| Egypt | .. | .. | .. | 75 | .. | .. | .. | .. | .. | .. | .. | 200 |
| Finland | - | - | .. | .. | - | - | .. | .. | 60 | .. | .. | .. |
| Germany (former German Democratic Rep.) | 1,321 | .. | .. | .. | 11 | .. | .. | - | - | .. | .. | .. |
| Greece | 24 | .. | .. | .. | 3 | .. | .. | - | - | - | .. | .. |
| Hungary | 345 | .. | .. | .. | - | - | - | .. | - | - | .. | .. |
| India | .. | .. | 245 | .. | - | - | - | - | .. | .. | 3,152 | .. |
| Indonesia | - | .. | .. | - | 76 | .. | .. | .. | 703 | 1,178 | .. | .. |
| Japan | 2,288 | 3,283 | 3,375 | 1,477 | - | - | - | - | 1,157 | 1,048 | 821 | 328 |
| Latvia | .. | .. | 88 | 12 | .. | .. | - | - | .. | .. | 98 | 4 |
| Malaysia | 66 | 110 | .. | 25 | - | - | - | - | 488 | 718 | 734 | 274 |
| Mexico | .. | .. | .. | 15 | .. | .. | .. | 106 | .. | .. | .. | 544 |
| New Zealand | .. | .. | .. | - | .. | .. | .. | 5 | .. | .. | .. | 0 |
| Norway | 4 | 5 | 5 | - | 2 | 0 | 19 | - | 0 | 0 | .. | .. |
| Philippines | 56 | 63 | .. | .. | .. | .. | .. | 152 | 64 | .. | .. | .. |
| Poland | 1,199 | 1,263 | .. | .. | - | - | - | .. | - | - | .. | .. |
| Republic of Korea | 590 | 230 | 150 | .. | - | - | - | .. | 502 | 525 | 690 | .. |
| Romania | .. | .. | .. | 3 | .. | .. | .. | - | .. | .. | .. | - |
| Slovenia | .. | .. | .. | 13 | .. | .. | .. | - | .. | .. | .. | 1 |
| Spain | .. | .. | 212 | .. | - | - | 105 | .. | .. | .. | 4,259 | .. |
| Sweden | 45 | 42 | 29 | 16 | - | - | - | - | 624 | 247 | 165 | 281 |
| Syrian Arab Republic | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | .. | .. |
| Thailand | .. | .. | 82 | 159 | .. | .. | .. | .. | .. | .. | 501 | 816 |
| Trinidad and Tobago | .. | .. | .. | .. | .. | .. | .. | .. | .. | 12 | .. | .. |
| Turkey | 179 | 148 | 240 | 396 | 24 | 19 | 38 | 33 | 4,422 | 3,671 | 4,443 | 4,434 |
| United States | 443 | 347 | 435 | 496 | 226 | 334 | 380 | 542 | 1,309 | 1,299 | .. | .. |
| Venezuela | - | - | - | - | 304 | 426 | 216 | 131 | 122 | 135 | 46 | 23 |
| Yugoslavia(former) | 110 | - | .. | .. | - | .. | .. | .. | 19 | - | .. | .. |

27. CRUDE STEEL:¹ Production

(thousand tonnes)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|---|---------------|---------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|
| WORLD | 662514 | 711085 | 718824 | 713246 | 735028 | 778271 | 784720 | 766669 | 730866 | 716893 |
| DEVELOPED MARKET ECONOMY COUNTRIES | 335719 | 367214 | 365016 | 341762 | 348851 | 378425 | 383019 | 377412 | 368686 | 357760 |
| AMERICA | 89593 | 98639 | 94704 | 88113 | 95613 | 105515 | 104310 | 101199 | 92725 | 98255 |
| Canada | 12832 | 14699 | 14637 | 14081 | 14737 | 14866# | 15458# | 12281 | 12987 | 13933 |
| United States | 76761# | 83940# | 80067# | 74032# | 80876# | 90649# | 88852# | 88918# | 79738# | 84322# |
| EUROPE | 135979 | 148584 | 149619 | 139219 | 138239 | 151461# | 153651# | 149660 | 149917 | 144834 |
| EEC | 123231 | 134482 | 135694 | 125714 | 125958 | 137426# | 139578# | 136572 | 137490 | 132279 |
| Belgium-Luxembourg | 13450 | 15287 | 14628 | 13420 | 13085 | 14883# | 14687# | 14953 | 14710 | 13398 |
| Denmark | 493 | 548 | 528 | 632 | 605 | 650# | 624# | 609 | 632 | 591 |
| France | 17582 | 19005 | 18815 | 17670 | 17432 | 18598# | 18692# | 19021 | 18401 | 17961 |
| Germany ² | 35729 | 39389 | 40497 | 37134 | 36248 | 41023# | 41073# | 38434 | 42169 | 39711 |
| Greece | 868 | 972# | 1007# | 1010 | 908 | 959# | 956# | 999 | 980 | 924 |
| Ireland | 141 | 166 | 203 | 208 | 220 | 271# | 324# | 326 | 293 | 257 |
| Italy | 21811 | 24062 | 23898 | 22985 | 22819 | 23762# | 25216# | 25472 | 25110 | 24904 |
| Netherlands | 4477 | 5738 | 5519 | 5283 | 5082 | 5518# | 5681# | 5412 | 5171 | 5439 |
| Portugal | 685 | 697 | 684 | 721 | 732 | 811# | 761# | 746 | 541 | 749 |
| Spain | 13009 | 13497 | 14193 | 11882 | 11691 | 11886# | 12765# | 12705 | 12932# | 12295 |
| United Kingdom | 14986 | 15121 | 15722 | 14769 | 17136 | 19065# | 18799# | 17895 | 16551 | 16050 |
| EFTA | 12748 | 14102 | 13925 | 13505 | 13281 | 14035 | 14073 | 13088 | 12427 | 12555 |
| Austria | 4411 | 4868 | 4663 | 4292 | 4301 | 4560# | 4718# | 4291# | 4186 | 3953 |
| Finland | 2416 | 2634 | 2518 | 2586 | 2668 | 2798# | 2921# | 2861 | 2600# | 2748# |
| Norway | 876 | 916 | 944 | 836 | 851 | 910# | 678# | 376# | 438# | 446# |
| Sweden | 4210 | 4706 | 4813 | 4716 | 4595 | 4779 | 4692# | 4455# | 4248# | 4358# |
| Switzerland | 835 | 978 | 987 | 1075 | 866 | 988 | 1064 | 1105 | 955 | 1050 |
| SOUTH AFRICA | 7004 | 7732 | 8507 | 9055 | 8836 | 8709 | 9567 | 8738 | 9358 | 8496# |
| ASIA | 97252 | 105676 | 105381 | 98385 | 98629 | 105780 | 108009 | 110466 | 109739 | 98240 |
| Israel | 83 | 92 | 100 | 110 | 116 | 99 | 100 | 135 | 90 | 109 |
| Japan | 97169 | 105584 | 105281 | 98275 | 98513 | 105681# | 107909# | 110331 | 109649# | 98131# |
| OCEANIA | 5891 | 6583 | 6805 | 6990 | 6534 | 6960 | 7482 | 7349 | 6947 | 7635 |
| Australia | 5657# | 6303# | 6578# | 6703# | 6125# | 6400# | 6800# | 6630# | 6141 | 6877 |
| New Zealand | 234 | 280 | 227 | 287 | 409 | 560 | 682 | 719 | 806 | 758 |
| DEVELOPING COUNTRIES AND TERRITORIES | 71630 | 79823 | 86471 | 91007 | 98769 | 109337 | 114322 | 112753 | 118963 | 126352 |
| AFRICA | 3000 | 2900 | 3715 | 3512 | 3961 | 4410 | 4130 | 2775 | 2815 | 4378 |
| Algeria | 950 | 1080 | 1414 | 1450 | 1533 | 1412 | 1042 | 836 | 840# | 820# |
| Egypt | 979 | 928 | 1028 | 1013 | 1433 | 2025 | 2011 | 881# | 1077# | 2565# |
| Morocco | 4 | 4 | 5E | 6E | 5E | 5E | 5E | 5E | 5E | 5 |
| Nigeria | 182 | 229 | 321 | 134# | 137# | 139# | 213# | 220 | 114 | 200E |
| Tunisia | 163 | 166 | 160 | 181 | 188 | 162 | 197 | 184 | 193 | 181 |
| Zimbabwe | 647 | 423 | 731 | 674 | 597 | 602 | 592# | 579 | 526# | 547# |
| Other Africa | 75 | 70 | 56E | 54 | 68 | 65E | 70 | 70 | 60 | 60 |
| AMERICA | 28944 | 33485 | 36051 | 37671 | 39518 | 42194 | 42547 | 38372 | 38699 | 40556 |
| Argentina | 2942 | 2647 | 2939 | 3242# | 3603# | 3624# | 3893# | 3657 | 2972 | 2661 |
| Brazil | 14671 | 18385 | 20454 | 21228# | 22228# | 24657# | 25017 | 20582 | 22617# | 23934# |
| Chile | 618 | 692 | 689 | 706 | 720 | 899 | 813 | 773 | 805 | 994 |
| Colombia | 482 | 507 | 530 | 632 | 690 | 712 | 706 | 710 | 664 | 689 |
| Cuba | 354 | 338 | 408 | 411 | 402 | 363 | 432# | 340# | 300E | 200E |
| Mexico | 6917 | 7482 | 7299 | 7225# | 7642# | 7779# | 7851# | 8726# | 7964# | 8435# |
| Peru | 299 | 337 | 368 | 358# | 400# | 463# | 397 | 284 | 235# | 300 |
| Trinidad and Tobago | 210 | 172 | 164 | 331 | 388 | 363 | 347 | 380# | 444 | 532 |
| Uruguay | 46 | 41 | 39 | 31 | 30 | 30 | 37 | 38 | 44 | 53 |
| Venezuela | 2320 | 2770 | 3055 | 3402 | 3297# | 3165# | 2942# | 2787 | 2558 | 2668# |
| Other America | 85 | 113 | 106 | 105 | 118 | 139 | 112 | 95 | 96 | 90 |

27. CRUDE STEEL:¹ Production
(concluded)

(thousand tonnes)

| Region country or area | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| ASIA | 35552 | 39226 | 42245 | 45325 | 50953 | 58286 | 63163 | 68018 | 75174 | 79805 |
| Bangladesh | 58 | 88 | 122 | 116 | 120 | 120 | 120E | 120E | 120E | 100E |
| Hong Kong | 120 | 120 | 120E | 120E | 120E | 120E | 150E | 150E | 150 | 150 |
| India | 10237 | 10549 | 11936 | 12197 | 13121 | 14309 | 14608 | 14963 | 17100 | 18117 |
| Indonesia | 983 | 1171 | 1374 | 1729 | 2059 | 1850 | 2303# | 2892 | 3000 | 3100E |
| Iran, Islamic Rep. of | 734 | 854 | 836 | 838 | 839 | 978 | 1081 | 1425 | 2203# | 2937 |
| Malaysia | 350 | 350 | 400 | 450 | 600 | 700 | 800 | 900 | 900E | 1000E |
| Pakistan | 300 | 750 | 750 | 900 | 1000 | 1200 | 1200E | 1200E | 1200E | 1000E |
| Philippines | 200 | 250 | 250 | 209# | 261# | 252# | 400E | 400E | 350E | 400E |
| Qatar | 469 | 478 | 533 | 507 | 492 | 527 | 585 | 571 | 564 | 575 |
| Republic of Korea | 11915 | 13034 | 13540 | 14555 | 16782 | 19118 | 21873 | 23126 | 26001 | 28054 |
| Saudi Arabia | 275 | 842 | 1106 | 1100 | 1365 | 1614 | 1810 | 1833 | 1783 | 1823 |
| Singapore | 305 | 362 | 365 | 390 | 441 | 432 | 495 | 489 | 510 | 482 |
| Syrian Arab Rep. | 100 | 100 | 70E | 70E | 60E | 60E | 30# | 70# | 70# | 70E |
| Taiwan Province of China | 5031 | 5241 | 5306 | 5545 | 5915 | 8288 | 9047 | 9747 | 10973 | 10705 |
| Thailand | 381 | 447 | 425 | 450 | 534 | 535 | 550E | 600E | 715# | 810# |
| Turkey | 3834# | 4330# | 4862# | 5927# | 7044# | 7983# | 7901# | 9322# | 9335# | 10252# |
| United Arab Emirates | 50 | 50 | 50E | 50E | 40E | 40E | 40E | 40E | 30E | 40E |
| Other Asia | 210 | 210 | 200 | 172 | 160 | 160 | 170 | 170 | 170 | 190 |
| EUROPE | 4134 | 4232 | 4480 | 4519 | 4367 | 4487 | 4502 | 3608 | 2295 | 1633 |
| Yugoslavia | 4134# | 4232# | 4480# | 4519# | 4367# | 4487# | 4502# | 3608# | 2295 | 1633 |
| COUNTRIES OF EASTERN EUROPE | 210025 | 214253 | 214023 | 221649 | 224368 | 224208 | 219099 | 203135 | 165761 | 146324 |
| Bulgaria | 2825 | 2878 | 2926 | 2898 | 3044 | 2880 | 2899 | 2180# | 1615# | 1552# |
| Czechoslovakia | 15024 | 14831 | 15036 | 15112 | 15416 | 15379# | 15465# | 14813 | 12071 | 11144# |
| Germany (former German Dem. Rep.) | 7219 | 7573 | 7840 | 7967 | 8243 | 8133 | 7829 | 5587 | - | - |
| Hungary | 3617 | 3751 | 3647 | 3715 | 3622 | 3580# | 3305 | 2962 | 1862 | 1559 |
| Poland | 16236 | 16553 | 16126 | 17144 | 17146 | 16885# | 15094 | 13553 | 10432 | 9867 |
| Romania | 12593 | 14437 | 13795 | 14276 | 14962 | 14314# | 14415# | 9754# | 7115# | 5372 |
| USSR (former) | 152511 | 154230 | 154653 | 160537 | 161935 | 163037# | 160092# | 154286# | 132666 | 116830 |
| <i>of which</i> | | | | | | | | | | |
| Latvia | .. | .. | .. | .. | .. | .. | .. | .. | 373# | 246# |
| Ukraine | .. | .. | .. | .. | .. | .. | .. | 52646# | 44995# | 41759 |
| Russia | .. | .. | .. | .. | .. | .. | .. | 78990 | 77076 | 67000 |
| SOCIALIST COUNTRIES OF ASIA | 45140 | 49775 | 53294 | 58808 | 63010 | 66261 | 68260 | 73349 | 77436 | 87037 |
| China | 39040 | 43475 | 46794 | 52208 | 56280 | 59431 | 61430 | 66349 | 70436 | 80037 |
| Democratic People's Rep. of Korea | 6100 | 6300 | 6500 | 6600 | 6730 | 6830 | 6830 | 7000 | 7000 | 7000 |

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 EEC 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 |
| Argentina | 8 June 93 | # | - | - | - | - | - | - | - | # | - | - | - |
| Brazil | 5 July 93 | # | # | # | # | # | - | - | # | - | # | # | - |
| Bulgaria | 26 April 93 | # | - | - | - | - | - | - | # | # | # | - | - |
| Canada | 17 March 93 | # | - | - | - | - | - | - | # | # | - | - | - |
| Czechoslovakia | 13 April 93 | # | # | # | # | # | - | # | - | # | - | - | - |
| EEC | 28 May 93 | # | # | # | # | # | - | # | # | # | # | - | - |
| Egypt | 28 March 93 | # | # | # | # | # | - | # | - | # | - | - | - |
| Finland | 21 June 93 | - | # | # | # | # | - | # | - | # | # | - | - |
| India | 24 June 93 | # | - | - | - | - | - | - | # | - | # | - | - |
| Japan | 8 April 93 | - | # | # | # | # | - | # | - | # | - | - | - |
| Latvia | 8 June 93 | - | - | - | - | - | - | - | - | # | - | - | - |
| Mauritania | 28 April 93 | # | - | - | - | - | - | # | # | - | # | # | - |
| Mexico | 7 June 93 | # | # | # | # | - | - | # | - | # | # | - | # |
| Morocco | 18 March 93 | # | - | - | - | - | - | - | # | - | - | - | - |
| New Zealand | 19 March 93 | - | - | - | - | - | - | - | # | # | # | - | - |
| Norway | 5 April 93 | # | - | - | - | - | - | - | - | - | - | - | - |
| Philippines | 14 April 93 | # | - | - | - | - | - | - | - | - | - | - | - |
| Romania | 16 June 93 | # | - | - | - | - | - | - | - | # | - | - | - |
| Slovenia | 10 June 93 | - | - | - | - | - | - | - | # | # | # | - | - |
| South Africa | 30 March 93 | # | - | # | - | # | # | - | # | - | # | - | - |
| Sweden | 1 April 93 | # | # | # | # | # | # | # | # | # | # | # | - |
| Thailand | 6 March 93 | # | - | # | # | # | # | - | # | # | - | - | - |
| Tunisia | 27 February 93 | # | - | - | - | - | - | - | # | - | - | - | - |
| Turkey | 27 April 93 | # | # | # | # | # | # | # | - | # | - | - | - |
| United States | 30 April 93 | # | - | # | - | # | - | # | # | # | # | # | - |
| Venezuela | 10 June 93 | # | - | # | # | # | - | # | # | - | - | # | - |
| Zimbabwe | 4 March 93 | # | # | # | # | # | - | # | - | - | - | - | - |

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:

Gabon, San Salvador 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 |
| Brazil | 9 July 93 | # | # | # | # | # | # | # | # | # | # | # | # | - | # |
| Bulgaria | 26 April 93 | - | - | - | - | # | - | # | - | - | # | - | # | # | # |
| Czechoslovakia | 13 April 93 | # | - | # | - | # | # | # | - | - | # | # | # | - | - |
| Egypt | 8 February 93 | # | # | # | # | # | # | # | # | # | # | # | # | - | - |
| Finland | 21 June 93 | # | - | # | - | # | # | # | # | - | # | # | - | - | - |
| India | 30 May 93 | # | - | - | # | # | - | - | - | - | - | - | # | # | # |
| Japan | 8 April 93 | # | - | # | - | # | # | - | # | - | # | # | # | # | # |
| Latvia | 8 June 93 | - | - | - | - | # | # | # | - | - | - | - | # | # | # |
| Mexico | 7 June 93 | # | # | # | # | # | # | # | # | # | # | # | # | # | # |
| New Zealand | 19 March 93 | - | - | - | - | - | - | - | - | - | - | - | # | # | # |
| Norway | 5 April 93 | - | - | - | # | # | - | - | - | - | - | - | - | - | - |
| Romania | 16 June 93 | # | # | - | # | - | - | - | - | - | - | - | # | # | - |
| Slovenia | 10 June 93 | - | - | # | # | # | # | - | - | - | # | # | # | # | # |
| South Africa | 30 March 93 | - | - | - | # | # | - | - | - | - | - | - | - | - | - |
| Sweden | 1 April 93 | # | # | # | # | # | # | # | # | - | - | # | # | # | # |
| Thailand | 16 March 93 | - | - | - | - | # | # | # | # | # | # | # | # | # | # |
| Turkey | 27 April 93 | # | - | # | - | # | # | # | # | # | # | # | # | # | # |
| United States | 30 April 93 | # | # | - | # | # | - | # | # | # | # | - | # | # | # |
| Venezuela | 10 June 93 | - | # | # | # | # | # | # | # | # | # | # | # | # | # |
| Zimbabwe | 4 March 93 | # | - | - | - | # | # | # | # | - | - | # | - | - | - |

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F.1.1. Pig iron

F.1.2. Sponge iron or DRI

F.1.3. Ferrous scrap generation

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F.3. Crude steel production

F.3.1. By process

F.3.2. By utilization

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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

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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