

WELT BERGBAU DATEN
DATOS DE MINERIA MUNDIAL
DONNEES CONCERNANT L'INDUSTRIE
MINIERE DANS LE MONDE
ДАННЫЕ ПО МИРОВОЙ ГОРНОДОБЫВАЮЩЕЙ
ПРОМЫШЛЕННОСТИ

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L. Weber & G. Zsak

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bergbauspezifische Daten

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WELT-BERGBAU-DATEN '99

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&
G. Zsak

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CONTENTS / INHALT

	Explanation Einleitende Bemerkungen	3/10
1	Mineral Commodities Erfasste Rohstoffe.....	3/10
2	Definitions Definitionen.....	3/10
3	Details of Contents, Weights and Measures Angaben über Wertstoff und Dimensionen	5/12
4	Regional and Sectoral Groups Regionale und Sektorale Untergliederung.....	6/13
4.1	Producer Countries Produzentenländer.....	6/13
4.2	Economic Blocks or Cartel-like Associations Wirtschaftsblöcke oder kartellartige Zusammenschlüsse.....	7/14
5	Data Capture Erfassungsmodalität	9/16
6	World Production of Mineral Commodities Weltproduktion mineralischer Rohstoffe.....	17
6.1	Total World Production Weltproduktion-gesamt.....	17
6.1.1	Total Minerals Production by Continents Gesamtproduktion nach Kontinenten geordnet.....	17
6.1.2	Total Minerals Production by Country Groups Gesamtproduktion nach Ländergruppen geordnet.....	18
6.1.3	Total Minerals Production by Groups of Commodities Gesamtproduktion, nach Rohstoffgruppen geordnet.....	19

6.2	World Production of Mineral Commodities Weltproduktion mineralischer Rohstoffe.....	21
6.2.1	by Commodities nach Rohstoffen geordnet.....	21
6.2.2	Iron and Ferro-Alloy Metals (Eisen und Stahlveredler).....	21
6.2.3	Non-Ferrous Metals (Nichteisenmetalle).....	21
6.2.4	Precious Metals (Edelmetalle).....	22
6.2.5	Industrial Minerals (Industrieminerale, Steine und Erden).....	22
6.2.6	Mineral Fuels (Energierohstoffe).....	22
6.3	World Production of Mineral Commodities, by Country Groups and Economic Blocks Weltproduktion mineralischer Rohstoffe, nach Ländergruppen und Wirtschaftsblöcken geordnet.....	23
6.3.1	Iron and Ferro-Alloy Metals (Eisen und Stahlveredler).....	23
6.3.2	Non-Ferrous Metals (Nichteisenmetalle).....	33
6.3.3	Precious Metals (Edelmetalle).....	49
6.3.4	Industrial Minerals (Industrieminerale, Steine und Erden).....	52
6.3.5	Mineral Fuels (Energierohstoffe).....	74
6.4	Production of Mineral Commodities of individual Countries, by Mineral Commodities Produktion mineralischer Rohstoffe der einzelnen Länder, nach Rohstoffen geordnet.....	81
6.4.1	Iron and Ferro-Alloy Metals (Eisen und Stahlveredler).....	81
6.4.2	Non-Ferrous Metals (Nichteisenmetalle).....	87
6.4.3	Precious Metals (Edelmetalle).....	96
6.4.4	Industrial Minerals (Industrieminerale, Steine und Erden).....	100
6.4.5	Mineral Fuels (Energierohstoffe).....	117
6.5	Share of Mineral Production 1997 by Country Anteile der Länder an der Weltproduktion 1997.....	125
6.5.1	Iron and Ferro-Alloy Metals (Eisen und Stahlveredler).....	125
6.5.2	Non-Ferrous Metals (Nichteisenmetalle).....	131
6.5.3	Precious Metals (Edelmetalle).....	140
6.5.4	Industrial Minerals (Industrieminerale, Steine und Erden).....	144
6.5.5	Mineral Fuels (Energierohstoffe).....	161
6.6	Production of Mineral Commodities of individual Countries, by Country Produktion mineralischer Rohstoffe der einzelnen Länder, nach Ländern geordnet.....	169

EXPLANATION

1. Mineral Commodities:

Extracted and processed minerals respectively are classified to five commodity groups:

Iron and ferro-alloy metals
Non-ferrous metals
Precious metals
Industrial minerals
Mineral fuels

Iron and ferro-alloy metals:

Iron, chromium, cobalt, manganese, molybdenum, nickel, tantalum-columbium, titanium, tungsten, vanadium

Non-ferrous metals:

Aluminium, antimony, arsenic, bauxite, bismuth, cadmium, copper, gallium, germanium, lead, lithium, mercury, rare-earth minerals, tellurium, tin, zinc

Precious metals:

Gold, platinum-group metals, silver

Industrial minerals:

Asbestos, barite, bentonite, boron minerals, diamond (gem and industrial), diatomite, feldspar, fluorspar, gypsum and anhydrite, graphite, guano, kaolin (china-clay), magnesite, perlite, potash, phosphate rock, salt, sulfur, talc (incl. steatite and pyrophyllite), vermiculite, zircon

Mineral fuels:

Bituminous coal (incl. anthracite and sub-bituminous), crude oil, lignite, natural gas, oil shale, uranium

2. Definitions:

Mineral raw materials are mineral constituents of the earth's crust of economic value. In the most comprehensive sense this includes the so-called "mine output" as well as the output from auxiliary processing at or near the mines (for instance, the up-grading of ores to concentrates).

Primary Materials are marketable products obtained by processing crude minerals (customarily up to the first processing stage only).

Contents of output are mostly calculated empirically.

Weights and Measures:

1 metric ton	=	1000 kg
1 short ton	=	907.2 kg
1 long ton	=	1016.047 kg
1 lb (pound)	=	0.4536 kg
1 troy ounce	=	31.1035 g
1 ct (carat)	=	200 mg

Conversion table:

Volume units:

1 Cubic foot (ft ³)	=	Cubic meter (m ³)*0.028317
1 Cubic meter (m ³)	=	Cubic foot (ft ³)*35.31467
1 americ.(=petroleum) barrel (bl, bbl)	=	42 gallons=158.98 l
1 flask Mercury	=	76 lb = 34.5 kg

Conversion for CIS natural gas:

CIS gas figures are reported in cubic metres but under standard pressure of 0.1 MPa and temperature of 20^o C. For comparison with western standards CIS values are multiplied by a factor of 0.9315.

Conversion for salt brine: cubic metres x 0.3 = metric tons (approximate method).

Conversion for crude oil (approximate method)

7 bbl (barrel)	=	1 metr.t
1 bbl	=	0.1429 metr.t
1 bbl/d	=	365 bbl/a

Pakistan's official conversion of domestic crude oil is 7.6 bbl = 1 metric ton.

Sources of the data (see chapter 6.3)

Accuracy of data

- 1 reported figure
- 2 estimated figure
- 3 provisional figure

Source of data

- a data sought by own questionnaire
- b US Bureau of Mines (former)
- c World Metal Statistics
- d Mineral Commodity Summaries
- e National statistics
- f Metallgesellschaft
- g World Mineral Statistics
- h Mining Annual Review
- i Öldorado (ESSO)
- j World Oil
- k Intern. Petroleum Encyclopedia
- l IAEA
- m OECD und ECE
- n Others

3. Details of Contents, Weights and Measures:

Figures shown in the tables do not (unless specified) refer to crude ore (ROM/Run of mine) or concentrate produced therefrom, but indicate the content of recoverable elements as follows:

Raw Material	Content	Weight, Measures
--------------	---------	------------------

Iron and alloying constituents of special steels:

Iron	Fe	metr.t
Chromium	Cr ₂ O ₃	metr.t
Cobalt	Co	metr.t
Manganese	Mn	metr.t
Molybdenum	Mo	metr.t
Nickel	Ni	metr.t
Tantalum-Col.	Conc.	metr.t
Titanium	TiO ₂	metr.t
Tungsten	W	metr.t
Vanadium	V ₂ O ₅	metr.t

Non-ferrous metals:

Aluminium	Smelter production	metr.t
Antimony	Sb	metr.t
Arsenic	As ₂ O ₃	metr.t
Bauxite *)	ROM ore, gross weight	metr.t
Bismuth	Bi	metr.t
Cadmium	Smelter production	metr.t
Copper	Cu	metr.t
Gallium	Ga	metr.t
Germanium	Ge	metr.t
Lead	Pb	metr.t
Lithium	Li ₂ O	metr.t
Mercury	Hg	metr.t
Rare Earth Min.	Conc.	metr.t
Tellurium	Te	metr.t
Tin	Sn	metr.t
Zinc	Zn	metr.t

*) incl. nepheline-syenite and alunite in CIS-Countries

Precious metals:

Gold	Au	kg
Platinum-Group metals	Pt-GM	kg
Silver	Ag	kg

Industrial minerals:

Asbestos	fibre	metr.t
Baryte		metr.t
Bentonite		metr.t
Boron minerals		metr.t
Diamonds (Gem)		carats
Diamonds (Ind)		carats

Diatomite		metr.t
Feldspar		metr.t
Fluorspar		metr.t
Graphite		metr.t
Guano		metr.t
Gypsum and Anhydrite		metr.t
Kaolin (China-Clay)		metr.t
Magnesite		metr.t
Perlite		metr.t
Phosphate rock	P ₂ O ₅	metr.t
Potash	K ₂ O	metr.t
Salt	rock,brines marine salt	metr.t
Sulfur	elem. and ind. sulfur	metr.t
Talc, Steatite and Pyrophyllite		metr.t
Vermiculite		metr.t
Zircon	conc.	metr.t

Mineral fuels:

Hard (bituminous) coal incl.anthracite & sub-bituminous		metr.t
Lignite		metr.t
Natural Gas		Mio m ³
Oil		metr.t
Oil Shale		metr.t
Uranium	U ₃ O ₈	metr.t.

4. Regional and Sectorial Groups:

4.1. Producer Countries:

In principle an attempt was made to identify all countries that produce mineral raw materials. The different producer countries were classified according to international standards (per 1994) taking into consideration in particular UNCTAD classifications. The classification has been adopted for statistical convenience only.

LLDCs (Least Developed Countries)

Africa: Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Centr.Afric.Rep., Chad, Comoros, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Lesotho, Liberia, Madagascar, Malawi, Maldives, Mali, Mauretania, Mozambique, Niger, Rwanda, Sao Tome und Principe, Sierra Leone, Somalia, Sudan, Tanzania, Togo, Uganda, Zaire, Zambia

Asia: Afghanistan, Bangladesh, Bhutan, Cambodia, Laos, Myanmar, Nepal, Yemen

America: Haiti

Oceania: Kiribati, Samoa, Salomon Islands, Tuvalu, Vanuatu

LDCs (Less Developed Countries)

Europe: Cyprus, Greenland, Malta, Rep.of Yugoslavia

Africa: Algeria, Angola, Cameroon, Congo, Côte d'Ivoire, Egypt, Ghana, Kenya, Libya, Mauritius, Morocco, Namibia, Nigeria, Senegal, Seychelles, Swaziland, Tunisia, Zimbabwe

Asia: Abu Dhabi (VAE), Bahrain, Brunei, China, Dubai (VAE), Hong Kong, India, Indonesia, Iran, Iraq, Israel, Jordan, Rep. of Korea, Kuwait, Lebanon, Malaysia, Oman, Pakistan, PDR Korea, Philippines, Qatar, Ras Al-Khaimah (VAE), Saudi Arabia, Singapore, Sharjah (VAE), Sri Lanka, Syria, Taiwan, Thailand, United Arab Emirates, Viet Nam

Middle-America: Bahamas, Barbados, Belize, Bermudas, Costa Rica, Dominican Rep., El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Trinidad & Tobago

South-America: Argentine, Bolivia, Brazil, Chile, Ecuador, French Guyana, Guyana, Colombia, Paraguay, Peru, Suriname, Uruguay, Venezuela

Oceania: Christmas Island, Fiji, Nauru, New Caledonia, Papua New Guinea, Tonga

WIC (Western Industrialized Countries)

Australia, Belgium, Fed.Rep. of Germany, Denmark, Finland, France, Greece, Ireland, Iceland, Italy, Japan, Canada, New Zealand, Netherlands, Norway, Austria, Portugal, Rep. of South Africa, Sweden, Switzerland, Spain, Turkey, United Kingdom, United States (incl. Puerto Rico)

CPE (Centrally Planned Economies)

China, Democratic People's Rep. of Korea, Mongolia, Viet Nam.

NRC Newly (Reformed Countries)

Albania, Armenia, Azerbaijan, Belarus, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Macedonia, Moldavia, Poland, Romania, Russia, Slovak Republic, Slovenia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan

Differing from UNCTAD standards Turkey, member of the OECD, is listed in the group of Western Industrialized Countries, whereas Israel which is not a member country of the OECD is included among Less Developed countries.

Apart from these, the membership of various countries in different economic blocks or other cartel-like associations was taken into consideration. Considerations of space have, however, prevented classification in terms of additional criteria.

4.2. Economic Blocks or Cartel-like Associations

Economic blocks or cartel-like associations were distinguished as follows (in alphabetical order):

ACP Countries: African, Caribbean and Pacific group of states linked to the European Communities as signatory to the Georgetown Agreement and the Lomé Conventions.

Africa: Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Centr.Afric.Rep. Chad, Comoros, Congo, Côte d'Ivoire, Djibuti, Equatorial Guinea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tomé-Principe, Senegal, Seychelles, Sierra Leone, Somalia, Sudan, Swaziland, Tanzania, Togo, Uganda, Zaire, Zambia, Zimbabwe.

Caribic: Antigua-Barbuda, Bahamas, Barbados, Belize, Dominica, Dominican Rep., Grenada, Guyana, Haiti, Jamaica, St. Kitts-Nevis, St. Lucia, St. Vincent-Grenadines, Suriname, Trinidad & Tobago

Pacific: Fiji, Kiribati, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu

ALADI Countries: Asociación Latino-Americana de Integración

- most developed: Argentine, Brazil, Mexico
- intermediate: Chile, Colombia, Peru, Uruguay, Venezuela
- least developed countries: Bolivia, Ecuador, Paraguay

Observer Countries:

Costa Rica, Cuba, Dominican Rep., El Salvador, Guatemala, Honduras, Italy, Nicaragua, Panama, Portugal, Spain

ASEAN Countries: Association of South East Asian Nations

Brunei, Indonesia, Malaysia, Philippines, Singapore, Thailand

CFA: The Franc Zone

Africa: Benin, Burkina Faso, Côte d'Ivoire, Cameroon, Centr.African.Rep., Chad, Congo, Equatorial Guinea, Gabun, Mali, Niger, Senegal, Togo

Europe: France

CIPEC: Conseil Intergouvernemental des Pays Exportateurs du Cuivre

- full members: Chile, Peru, Zambia, Zaire
- associated members: Yugoslavia, Papua New Guinea

Remark: CIPEC dissolved in 1992.

COMECON / RGW: Council for Mutual Economic Assistance

Bulgaria, Cuba, Czechoslovakia, German Democr.Rep., Hungary, Mongolia, Poland, Romania, USSR, Viet Nam

This group disoluted in June 1991.

EFTA: European Free Trade Association

Austria, Finland, Iceland, Liechtenstein, Norway, Sweden, Switzerland

Austria, Finland and Sweden are no longer members of EFTA due to joining the EU on January 1, 1995.

EU: European Communities

Austria, Belgium, Denmark, Federal Republic of Germany, Finland, France, Greece, Ireland, Italy, Luxemburg, Netherlands, Portugal, Spain, Sweden, United Kingdom

G-7: Group of the seven most important industrialized countries

Germany, Federal Rep., France, Italy, Japan, Canada, United Kingdom, United States

IBA: International Bauxite Association

Australia*), Ghana, Guinea, Guyana, India, Indonesia, Jamaica, Sierra Leone, Suriname, Rest-Yugoslavia

*)Australia resigned membership in 1992.

NAFTA (North American Free Trade Association)

Canada, Mexico, United States of America

This Association came into power on January 1, 1994.

OECD: Organization for Economic Cooperation and Development

Australia, Austria, Belgium, Canada, Denmark, Federal Republic of Germany, Finland, France, Greece, Iceland, Ireland, Italy, Japan, Luxemburg, Mexico (since 18.5.1994), New Zealand, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, United Kingdom, United States

OPEC: Organization of Petroleum Exporting Countries

Abu Dhabi (UAE), Algeria, Dubai (UAE), Ecuador (until December 31, 1992), Gabon (until June 10, 1996), Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Ras Al-Khaimah (UAE), Saudi-Arabia, Sharjah (UAE), Venezuela

SADC Southern African Developing Community

Angola, Botswana, Lesotho, Malawi, Mauritius, Mozambique, Namibia, South Africa, Rep. of (since August 29, 1994), Swaziland, Tanzania, Zambia, Zimbabwe

5. Data capture:

Collection of data relating to mineral raw materials has been carried out by the evaluation of questionnaires sent to the National Committees of member countries of the World Mining Congress as well as to other bodies such as Embassies, Foreign Trade Representatives etc. Use has been made of other official mining statistics in cases where they are published; for example, data produced by the British Geological Survey (World Mineral Statistics). Metal statistics of the Metallgesellschaft AG and Mining Annual Review 1998 have also been very useful.

Despite a careful study of all source material, no quantitative data were available in certain cases and in such instances estimates of production have been made.

Although data processing has been done automatically, the possibility exists of human error at the data entry stage and the compilers would be grateful to learn of any corrections that can be made to the database.

Deadline: February 28, 1999

Data received after February 28, 1999 will be implemented in the next edition of this report.

Important Note

Unification of the German Federal Republic and the German Democratic Republic came into effect on October 3, 1990, wherefore, from 1991 onwards statistics show one Germany only.

The minerals production of the individual CIS member-countries (Armenia, Azerbaijan, Belarus, Kazakhstan, Kyrgyzstan, Russian Federation, Tajikistan, Turkmenistan, Ukraine, Uzbekistan) have been tabulated separately since 1993.

EINLEITENDE BEMERKUNGEN

1. Erfasste Rohstoffe:

Die bearbeiteten Rohstoffe wurden in 5 verschiedene Rohstoffgruppen zusammengefaßt:

Eisen und Stahlveredler
Nichteisenmetalle
Edelmetalle
Industrieminerale, Steine und Erden
Energierohstoffe

Eisen und Stahlveredler:

Eisen, Chrom, Kobalt, Mangan, Molybdän, Nickel, Tantal-Niob, Titan, Vanadium, Wolfram

Nichteisenmetalle:

Aluminium, Antimon, Arsen, Bauxit, Blei, Gallium, Germanium, Kadmium, Kupfer, Lithium, Quecksilber, Seltene Erden, Tellur, Wismut, Zink, Zinn

Edelmetalle:

Gold, Platinmetalle, Silber

Industrieminerale, Steine und Erden:

Asbest, Baryt, Bentonit, Borminerale, Diamant (Schmuck- bzw. Industriediamant), Diatomit, Feldspat, Flußspat, Gips und Anhydrit, Grafit, Guano, Kalisalz, Kaolin, Magnesit, Perlit, Phosphat, Salz, Schwefel, Talk (einschließl. Steatit und Pyrophyllit), Vermiculit, Zirkon

Energierohstoffe:

Braunkohle, Erdöl, Naturgas, Ölschiefer, Steinkohle (inkl. Anthrazit), Uran

2. Definitionen

Mineralischer Rohstoff: Mineralischer Bestandteil der Erdkruste, nach dem eine Nachfrage besteht, sowie Gewinnungsprodukte des Bergbaus im weitesten Sinne einschließlich der durch Aufbereitungsprozesse erzeugten Konzentrate.

Grundstoff: Produkt der Weiterverarbeitung von mineralischen Rohstoffen bis einschließlich der ersten handelsüblichen Bearbeitungsstufe.

Wertinhalt (-stoff): Zumeist empirisch ermittelter, tatsächlich nutzbarer Inhalt eines bestimmten mineralischen Rohstoffes oder Mineralgemenges.

Maßeinheiten:

1 metr.t	=	1000 kg
1 short t	=	907,2 kg
1 long t	=	1016,0470 kg
1 lb (pound)	=	0,4536 kg
1 troy ounce	=	31,1035 g
1 Karat	=	200 mg

Umrechnungstabelle:

Raummaßeinheiten:

1 Kubikfuß (ft ³)	=	Kubikmeter (m ³)*0,028317
1 Kubikmeter (m ³)	=	Kubikfuß (ft ³)*35,31467
1 amerik. (=petroleum) Barrel (bl, bbl)	=	42 gallons=158,98 l
1 flask (1 Flasche Quecksilber)	=	76 lb=34,5 kg

Umrechnung für Naturgas der GUS (CIS):

Die GUS-Gasstatistik wird angegeben in m³ unter einem Druck von 0,1 MPa und 20° C.
Die Umrechnung auf westlichen Standard erfolgt durch Multiplikation mit 0,9315.

Umrechnung von Salz in Sole : m³ x 0,3 = metrische Tonne (Näherungswert)

Umrechnung für Rohöl (Näherungswerte):

7 bbl (barrel)	=	1 metr. t
1 bbl	=	0.1429 metr. t
1 bbl/d	=	365 bbl/a

Pakistan rechnet die heimische Rohölproduktion 7.6 bbls = 1 metr. t

Quellenangaben (bei Kapitel 6.3)

Aussagesicherheit:

- 1 gemeldet (reported)
- 2 geschätzt (estimated)
- 3 vorläufig (provisional)

Datenquelle:

- a eigene Datenerhebung
- b US Bureau of Mines (ehem.)
- c World Metal Statistics
- d Mineral Commodity Summaries
- e Landesstatistik
- f Metallgesellschaft
- g World Mineral Statistics
- h Mining Annual Review
- i Öldorado (ESSO)
- j World Oil
- k Intern. Petroleum Encyclopedia
- l IAEA
- m OECD und ECE
- n Sonstige

3. Angaben über Wertstoff und Dimensionen:

Eisen und Stahlveredler:

Die Zahlenangaben in den Tabellen enthalten, sofern nicht gesondert vermerkt, weder die bergbauliche Rohproduktion (ROM/Run of mine) noch das daraus erzeugte Konzentrat, sondern den Wertinhalt wie folgt:

Rohstoff:	Wertinhalt	Dimension
Eisen	Fe-Inh.	metr.t
Chrom	Cr ₂ O ₃ -Inh.	metr.t
Kobalt	Co- Inh.	metr.t
Mangan	Mn-Inh.	metr.t
Molybdän	Mo-Inh.	metr.t
Nickel	Ni-Inh.	metr.t
Tantal-Niob	Konzentrat	metr.t
Titan	TiO ₂ -Inh.	metr.t
Vanadium	V ₂ O ₅ -Inh.	metr.t
Wolfram	W-Inh.	metr.t

Nichteisenmetalle:

Aluminium	Hüttenprod.	metr.t
Antimon	Sb-Inh.	metr.t
Arsen	As ₂ O ₃ -Inh.	metr.t
Bauxit *)	ROM	metr.t
Blei	Pb-Inh.	metr.t
Gallium	Ga-Inh.	metr.t
Germanium	Ge-Inh.	metr.t
Kadmium	Hüttenprod.	metr.t
Kupfer	Cu-Inh.	metr.t
Lithium	Li ₂ O-Inh.	metr.t
Quecksilber	Hg-Inh.	metr.t
Seltene Erden	Konzentrat	metr.t
Tellur	Te-Inh.	metr.t
Wismut	Bi-Inh.	metr.t
Zink	Zn-Inh.	metr.t
Zinn	Sn-Inh.	metr.t

*) inkl. Nephelinsyenit und Alunit bei GUS/CIS-Ländern

Edelmetalle (gerundet)

Gold	Au-Inh.	in kg
Platin	Pt-Metalle	in kg
Silber	Ag-Inh.	in kg

Industrieminerale, Steine und Erden:

Asbest	Fasergehalt	in metr.t
Baryt		in metr.t
Bentonit		in metr.t
Borminerale		in metr.t
Schmuckdiamant		in Karat
Industriediamant		in Karat
Diatomit		in metr.t
Feldspat		in metr.t
Flußspat		in metr.t
Gips, Anhydrit		in metr.t
Grafit		in metr.t

Guano		in metr.t
Kaolin		in metr.t
Magnesit		in metr.t
Perlit		in metr.t
Phosphat	P ₂ O ₅ -Inh.	in metr.t
Kalisalz	K ₂ O-Inh.	in metr.t
Salz	Steinsalz, Salzsole, Meersalz	in metr.t
Schwefel	natürl. u. industr. S	in metr.t
Talk, Steatit, Pyrophyllit		in metr.t
Vermiculit		in metr.t
Zirkon	Konzentrat	in metr.t

Energierohstoffe:

Steinkohle u. Anthrazit		in metr.t
Braunkohle		in metr.t
Uran	U ₃ O ₈	in metr.t
Erdöl	Rohöl	in metr.t
Naturgas		in Mio m ³
Ölschiefer		in metr. t

4. Regionale und sektorale Untergliederungen

4.1 Produzentenländer

Grundsätzlich wurde versucht, sämtliche rohstoffproduzierende Länder zu erfassen. Die einzelnen Produzentenländer wurden dabei nach international gültigen Kriterien (Stand 1994) unter Beachtung der UNCTAD-Klassifikation geordnet. Die nachstehende Klassifikation dient lediglich zur statistischen Berechnung.

LLDC Least Developed Countries (Geringst entwickelte Länder)

Afrika: Äquatorialguinea, Äthiopien, Benin, Botsuana, Burkina Faso, Burundi, Dschibuti, Eritrea, Gambia, Guinea, Guinea-Bissau, Kap Verde, Komoren, Lesotho, Liberia, Madagaskar, Malawi, Malediven, Mali, Mauretanien, Mosambik, Niger, Ruanda, Sambia, Sierra Leone, Sao Tomé-Principe, Somalia, Sudan, Tansania, Togo, Tschad, Uganda, Zaire, Zentralafrikanische Republik

Asien: Afghanistan, Bangladesch, Bhutan, Jemen, Kambodscha, Laos, Myanmar, Nepal

Amerika: Haiti

Ozeanien: Kiribati, Samoa, Salomon-Inseln, Tuvalu, Vanuatu

LDC Less Developed Countries (Entwicklungsländer)

Europa: Grönland, Rep.Jugoslawien, Malta, Zypern

Afrika: Ägypten, Algerien, Angola, Côte d'Ivoire, Gabun, Ghana, Kamerun, Kenia, Kongo, Libyen, Marokko, Mauritius, Namibia, Nigeria, Senegal, Seychellen, Simbabwe, Swaziland, Tunesien

Asien: Abu Dhabi (VAE), Bahrain, Brunei, Dubai (VAE), Hongkong, Indien, Indonesien, Irak, Iran, Israel, Jordanien, Katar, Korea, Rep., Kuwait, Libanon, Malaysia, Oman, Pakistan, Philippinen, Ras Al-Khaimah (VAE), Saudi-Arabien, Sharjah (VAE), Singapur, Sri Lanka, Syrien, Taiwan, Thailand

Nord- und Mittelamerika: Bahamas, Barbados, Belize, Bermudas, Costa Rica, Dominikanische Rep., El Salvador, Guatemala, Honduras, Jamaika, Mexiko, Nicaragua, Panama, Trinidad & Tobago

Südamerika: Argentinien, Bolivien, Brasilien, Chile, Ecuador, Franz. Guyana, Guyana, Kolumbien, Paraguay, Peru, Suriname, Uruguay, Venezuela

Ozeanien: Fidschi, Nauru, Neu-Kaledonien, Papua Neu-Guinea, Tonga, Weihnachtsinsel

WIC Western Industrialized Countries (Industrialisierte Länder)

Australien, Belgien, Bundesrepublik Deutschland, Dänemark, Finnland, Frankreich, Griechenland, Irland, Island, Italien, Japan, Kanada, Neuseeland, Niederlande, Norwegen, Österreich, Portugal, Republik Südafrika, Schweden, Schweiz, Spanien, Türkei, USA (inkl. Puerto Rico), Vereinigtes Königreich

CPE Centrally Planned Economies (Staatshandelsländer)

China, DVR Korea, Kuba, Mongolei, Vietnam

NRC Newly Reformed Countries (Reformstaaten)

Albanien, Armenien, Aserbaidschan, Belarus, Bosnien-Herzegowina, Bulgarien, Estland, Georgien, Kasachstan, Kirgistan, Kroatien, Lettland, Litauen, Mazedonien, Moldau, Polen, Rumänien, Russische Föderation, Slowakische Republik, Slowenien, Tadschikistan, Tschechische Republik, Turkmenistan, Ukraine, Ungarn, Usbekistan

Abweichend von der UNCTAD-Klassifikation wird das OECD-Mitglied Türkei als "westliches Industrieland" geführt, das Nicht-OECD-Mitglied Israel hingegen als "Entwicklungsland".

Darüberhinaus wurde die Zugehörigkeit der einzelnen Länder zu verschiedenen Wirtschaftsblöcken oder anderen kartellartigen Zusammenschlüssen berücksichtigt, wobei allerdings im Rahmen dieser Publikation aus Platzgründen auf weitere mögliche Differenzierungen im Tabellenteil verzichtet wurde.

4.2. Wirtschaftsblöcke oder kartellartige Zusammenschlüsse:

Folgende Wirtschaftsblöcke oder kartellartige Zusammenschlüsse wurden unterschieden (Reihung alphabetisch):

AKP Länder: Länder des afrikanischen, karibischen und pazifischen Raumes, die mit der Europäischen Gemeinschaft nach dem Georgetown-Vertrag bzw. dem Abkommen von Lomé zusammengefaßt sind.

Afrika: Äquatorialguinea, Äthiopien, Angola, Benin, Botsuana, Burkina Faso, Burundi, Côte d'Ivoire, Dschibuti, Gabun, Gambia, Ghana, Guinea, Guinea-Bissau, Kamerun, Kap Verde, Kenia, Komoren, Kongo, Lesotho, Liberia, Madagaskar, Malawi, Mali, Mauretaniens, Mauritius, Mosambik, Namibia, Niger, Nigeria, Ruanda, Sambia, Sao Tomé-Principe, Senegal, Seychellen, Sierra Leone, Simbabwe, Somalia, Sudan, Swasiland, Tansania, Togo, Tschad, Uganda, Zaire, Zentralafrikanische Republik

Karibik: Antigua-Barbuda, Bahamas, Barbados, Belize, Dominica, Dominikanische Rep., Grenada, Guyana, Haiti, Jamaika, St. Kitts-Nevis, St. Lucia, St. Vincent-Grenadinen, Suriname, Trinidad & Tobago

Pazifik: Fidschi, Kiribati, Papua-Neuguinea, Salomon-Inseln, Samoa, Tonga, Tuvalu, Vanuatu

ALADI (Asociación Latino-Americana de Integración)

- most developed: Argentinien, Brasilien, Mexico

- intermediate: Chile, Kolumbien, Peru, Uruguay, Venezuela

- least developed: Bolivien, Ecuador, Paraguay

Länder mit Beobachtungsstatus:

Costa Rica, Dominikanische Rep., El Salvador, Guatemala, Honduras, Kuba, Nicaragua, Panama, Italien, Portugal und Spanien.

ASEAN-Staaten (Association of South East Asian Nations)

Brunei, Indonesien, Malaysia, Philippinen, Singapur, Thailand

CIPEC-Länder (Conseil Intergouvernemental des Pays Exportateurs du Cuivre)

- Vollmitglieder: Chile, Peru, Sambia, Zaire

- assoziierte Mitglieder: Jugoslawien, Papua-Neuguinea

Hinweis: CIPEC wurde 1992 aufgelöst!

EFTA-Länder (European Free Trade Association)

Finnland, Island, Liechtenstein, Norwegen, Österreich, Schweden, Schweiz

Durch den EU-Beitritt schieden Finnland, Österreich und Schweden per 1.1.1995 aus.

EU-Länder (Europäische Gemeinschaften)

Belgien, Bundesrepublik Deutschland, Dänemark, Finnland, Frankreich, Griechenland, Irland, Rep., Italien, Luxemburg, Niederlande, Österreich, Portugal, Schweden, Spanien, Vereinigtes Königreich

FRANKEN-Zone (The Franc Zone [CFA])

Afrika: Äquatorialguinea, Benin, Burkina Faso, Côte d'Ivoire, Gabun, Kamerun, Kongo, Mali, Niger, Senegal, Togo, Tschad, Zentralafrikanische Republik

Europa: Frankreich

G-7 (Gruppe der sieben bedeutendsten Industriestaaten)

Bundesrepublik Deutschland, Frankreich, Italien, Japan, Kanada, Vereinigtes Königreich, Vereinigte Staaten von Amerika.

IBA (International Bauxite Association)

Australien*), Ghana, Guinea, Guyana, Indien, Indonesien, Jamaika, Rest-Jugoslawien, Sierra Leone, Suriname

*)Australien trat 1992 aus.

NAFTA (North American Free Trade Association)

Kanada, Mexico, Vereinigte Staaten von Amerika

Dieser Wirtschaftsblock trat am 1.1.1994 in Kraft.

OECD (Organization for Economic Cooperation and Development)

Australien, Belgien, Bundesrepublik Deutschland, Dänemark, Finnland, Frankreich, Griechenland, Irland Republik, Island, Italien, Japan, Kanada, Luxemburg, Mexiko (ab 18.5.1994), Neuseeland, Niederlande, Norwegen, Österreich, Portugal, Schweden, Schweiz, Spanien, Türkei, USA, Vereinigtes Königreich

OPEC (Organization of the Petroleum Exporting Countries)

Abu Dhabi (VAE), Algerien, Dubai (VAE), Ecuador (bis 31. Dezember 1992), Gabun (bis 10. Juni 1996), Indonesien, Irak, Iran, Katar, Kuwait, Libyen, Nigeria, Ras Al-Khaimah (VAE), Saudi-Arabien, Sharjah (VAE), Venezuela

RGW / COMECON (Rat für gegenseitige Wirtschaftshilfe)

Bulgarien, Deutsche Demokratische Republik, Kuba, Mongolei, Polen, Rumänien, Tschechoslowakei, UdSSR, Ungarn, Vietnam.

Dieser Wirtschaftsblock wurde im Juni 1991 aufgelöst.

SADC (Southern African Developing Community)

Angola, Botswana, Lesotho, Malawi, Mauritius, Mosambik, Namibia, Südafrika, Rep. (seit 29. August 1994), Tanzania, Sambia, Simbabwe, Swasiland

5. Erfassungsmodalität

Die Erfassung der Rohstoffe erfolgte durch Auswertung von Fragebögen, die an die Nationalkomitees der Weltbergbaukongreßmitgliedsländer sowie an andere Institutionen, wie Botschaften, Außenhandelsstellen usw. ausgesendet wurden. Wo darüberhinaus offizielle Bergbaustatistiken verfügbar waren, wurden diese Angaben mitverwertet. Wertvolle Hilfestellungen leisteten dabei Datensammlungen wie jene des British Geological Survey: World Mineral Statistics, sowie die einschlägigen Veröffentlichungen der Metallgesellschaft AG (Metallstatistik) und Mining Annual Review 1998.

Wo trotz sorgfältigsten Quellenstudiums, trotz vermuteter Rohstoffproduktion, keine Zahlenangaben erhältlich waren, wurden diese Daten geschätzt. Abschließend sei bemerkt, daß die Rechenarbeit zwar automationsunterstützt erfolgte, hinter dem Rechner jedoch Menschen arbeiteten. Für deren Fehler ersuchen wir um Nachsicht. Da die Datenbank laufend aktualisiert wird, sind aber Korrekturen jederzeit möglich. Für jeden Hinweis sind wir wie immer dankbar.

Redaktionsschluß: 28. Februar 1999

Später einlangende Daten werden im nachfolgenden Band berücksichtigt.

Wichtiger Hinweis

Der Vereinigungsvertrag der Bundesrepublik Deutschland mit der Deutschen Demokratischen Republik trat am 3. Oktober 1990 in Kraft, weshalb seit dem Produktionsjahr 1991 nur mehr ein Deutschland ausgewiesen wird.

Die Rohstoffproduktion der GUS-Staaten (Armenien, Aserbeidschan, Kasachstan, Kirgistan, Russische Föderation, Tadschikistan, Turkmenistan, Ukraine, Usbekistan, Weißrussland) wurde ab 1993 gesondert ausgewiesen.

6. *World Production of Mineral Commodities*
Weltproduktion mineralischer Rohstoffe

6.1 *Total World Production*
Weltproduktion-gesamt

6.1.1 *Total Minerals Production by Continents*
Gesamtproduktion, nach Kontinenten geordnet

(except diamonds and natural gas / ohne Diamanten und Naturgas)
in metr. t.

	1984	1985	1986	1987	1988
Europe	3 106 531 418	3 183 771 615	3 260 486 563	3 314 048 485	3 280 179 178
Asia	2 055 012 590	2 170 025 723	2 315 656 667	2 392 971 874	2 581 258 577
Australia	306 521 877	337 905 355	345 897 831	370 400 918	364 880 256
Africa	474 524 941	515 089 455	521 844 582	528 187 561	536 681 202
South-America	521 654 614	518 934 883	526 164 134	529 350 910	545 942 257
North-America	1 646 746 121	1 597 611 206	1 572 496 398	1 598 961 807	1 643 428 204
Total	8 110 991 560	8 323 338 237	8 542 546 175	8 733 921 554	8 952 369 675
	1989	1990	1991	1992	1993
Europe	3 241 227 352	3 007 724 298	2 647 534 557	1 215 281 746 *)	2 155 003 034
Asia	2 790 496 615	2 780 256 838	3 016 950 033	4 415 159 773 *)	3 504 731 294
Australia	393 757 257	412 532 157	425 114 819	431 346 606	435 139 558
Africa	566 983 743	596 350 204	610 103 087	597 708 910	603 321 746
South-America	562 694 712	584 214 806	605 873 005	610 173 094	624 130 540
North-America	1 643 608 513	1 668 098 400	1 638 356 731	1 620 678 324	1 578 954 757
Total	9 198 768 192	9 049 176 704	8 943 932 232	8 890 348 454	8 901 280 928
	1994	1995	1996	1997	
Europe	2 024 981 879	2 017 065 195	1 969 933 752	1 985 802 785	
Asia	3 404 759 796	3 635 036 824	3 694 307 569	3 771 258 550	
Australia	454 807 465	464 221 172	452 605 794	489 202 071	
Africa	613 833 988	631 671 515	639 863 722	658 019 914	
South-America	661 946 158	695 362 161	755 726 626	789 004 110	
North-America	1 668 426 141	1 725 688 842	1 769 947 060	1 803 646 487	
Total	8 828 755 427	9 169 045 708	9 282 384 524	9 496 933 916	

*) statistical problems due to dissolution of USSR
unklare statistische Zuordnung zufolge des Zerfalls der Sowjetunion

6.1.2

Total Minerals Production by Country Groups
Gesamtproduktion nach Ländergruppen geordnet

(except diamonds and natural gas / ohne Diamanten und Naturgas)
in metr. t.

	1984	1985	1986	1987	1988
DC	1 814 570 055	1 847 407 930	1 955 981 541	1 996 086 794	2 142 121 729
LDC	19 541 426	18 498 318	20 243 163	22 120 081	26 812 419
WIC	2 852 879 894	2 907 048 761	2 911 657 076	2 949 181 624	2 981 829 176
CPE	3 424 000 185	3 550 383 228	3 654 664 393	3 766 533 055	3 801 606 351
NRC	0	0	0	0	0
Total	8 110 991 560	8 323 338 237	8 542 546 175	8 733 921 554	8 952 369 675
	1989	1990	1991	1992	1993
DC	2 295 454 393	2 304 685 836	2 441 677 183	2 439 029 203	2 516 021 422
LDC	33 031 058	31 628 337	43 605 200	41 483 685	43 387 133
WIC	3 021 843 731	3 048 644 335	3 211 286 461	3 167 406 462	3 096 302 665
CPE	3 848 439 010	3 664 218 196	3 240 434 681	1 496 154 097	1 704 561 393
NRC	0	0	6 928 707	1 746 275 007	1 541 008 316
Total	9 198 768 192	9 049 176 704	8 943 932 232	8 890 348 454	8 901 280 928
	1994	1995	1996	1997	
DC	2 560 931 675	2 618 730 873	2 724 735 479	2 840 133 217	
LDC	49 527 478	49 280 584	47 645 072	53 300 061	
WIC	3 222 988 252	3 306 443 203	3 341 000 951	3 415 884 409	
CPE	1 586 559 256	1 795 600 180	1 852 355 919	1 845 978 231	
NRC	1 408 748 767	1 398 990 869	1 316 647 102	1 341 637 998	
Total	8 828 755 427	9 169 045 708	9 282 384 524	9 496 933 916	

6.1.3

Total Minerals Production by Groups of Commodities
Gesamtproduktion, nach Rohstoffgruppen geordnet

(except diamonds and natural gas / ohne Diamanten und Naturgas)
in metr. t.

	1984	1985	1986	1987	1987
Iron, Ferro-Alloy Met.	463 877 229	515 188 496	522 695 616	537 378 929	552 886 595
Non Ferrous Metals	126 500 591	117 138 234	126 649 179	134 311 609	137 750 092
Precious Metals	14 077	15 018	15 162	16 078	16 847
Industrial Minerals	457 504 577	483 936 773	477 450 305	495 913 336	514 781 544
Mineral Fuels	7 063 095 086	7 207 059 716	7 415 735 913	7 566 301 602	7 746 934 597
Total	8 110 991 560	8 323 338 237	8 542 546 175	8 733 921 554	8 952 369 675
	1989	1990	1991	1992	1993
Iron, Ferro-Alloy Met.	569 022 524	559 122 573	564 027 479	529 181 644	532 298 891
Non Ferrous Metals	146 157 779	147 666 674	151 422 089	145 042 592	148 432 930
Precious Metals	17 897	18 043	17 594	17 420	17 148
Industrial Minerals	519 269 741	516 399 582	498 966 897	495 070 790	466 845 438
Mineral Fuels	7 964 300 251	7 825 969 832	7 729 498 173	7 721 036 008	7 753 686 521
Total	9 198 768 192	9 049 176 704	8 943 932 232	8 890 348 454	8 901 280 928
	1994	1995	1996	1997	
Iron, Ferro-Alloy Met.	563 028 636	594 356 694	587 943 289	609 452 014	
Non Ferrous Metals	147 765 593	147 755 571	156 534 169	167 932 767	
Precious Metals	16 306	17 385	17 700	18 350	
Industrial Minerals	481 511 604	489 338 390	491 687 497	503 963 523	
Mineral Fuels	7 636 433 288	7 937 577 668	8 046 201 869	8 215 567 262	
Total	8 828 755 427	9 169 045 708	9 282 384 524	9 496 933 916	

6.2 *World Production of Mineral Commodities*
Weltproduktion mineralischer Rohstoffe
 6.2.1 *by Commodities / nach Rohstoffen geordnet*
 6.2.2 *Iron and Ferro-Alloy Metals*
Eisen und Stahlveredler

Commodity	1993	1994	1995	1996	1997	Change 1997/1993 in %
	in metr.t					
Iron	516 502 092	546 249 203	575 736 719	569 932 291	589 872 094	14.21
Chromium	4 135 189	4 812 572	5 375 453	4 902 144	5 475 779	32.42
Cobalt	15 106	19 348	17 945	20 966	20 557	36.08
Manganese	6 787 591	7 113 832	7 929 970	7 702 980	8 415 587	23.98
Molybdenum	90 339	107 949	121 724	116 731	128 586	42.34
Nickel	819 152	790 304	857 052	906 602	1 047 623	27.89
Tant.-Columb.	37 575	37 785	49 124	53 468	50 528	34.47
Titanium	3 845 989	3 841 083	4 207 270	4 242 133	4 373 971	13.73
Tungsten	27 337	20 560	27 546	32 074	29 889	9.34
Vanadium	38 521	36 000	33 891	33 900	37 400	-2.91

6.2.3 *Non Ferrous Metals / Nichteisenmetalle*

Commodity	1993	1994	1995	1996	1997	Change 1997/1993 in %
	in metr. t					
Aluminium	19 539 318	19 049 786	19 659 102	19 698 229	20 823 236	6.57
Antimony	83 368	118 512	118 993	127 275	125 597	50.65
Arsenic	34 282	33 660	30 118	29 992	35 613	3.88
Bauxite	109 778 508	110 100 841	108 380 270	116 051 802	125 287 409	14.13
Bismuth	2 788	2 912	2 848	3 327	3 825	37.20
Cadmium	16 934	15 369	17 199	17 912	18 845	11.28
Copper	8 978 922	9 006 555	9 652 763	10 480 441	11 480 946	27.87
Gallium	21	20	12	12	15	-28.57
Germanium	47	32	36	35	37	-21.28
Lead	2 831 334	2 829 286	2 816 735	2 912 323	2 887 499	1.98
Lithium	15 941	15 330	17 664	19 462	23 505	47.45
Mercury	2 201	2 032	2 120	2 568	2 011	-8.63
Rare Earths	63 934	58 524	60 457	81 951	76 025	18.91
Tellurium	189	198	264	222	216	14.29
Tin	178 138	171 308	193 771	205 396	204 853	15.00
Zinc	6 907 005	6 361 228	6 803 219	6 903 222	6 963 135	0.81

6.2.4 Precious Metals / Edelmetalle

Commodity	1993	1994	1995	1996	1997	Change 1997/1993 in %
	in kg					
Gold	2 217 257	2 205 249	2 217 761	2 245 634	2 316 389	4.47
Silver	14 654 529	13 852 441	14 913 538	15 220 651	15 794 791	7.78
Platinum	276 322	248 421	253 972	233 554	238 868	-13.55

6.2.5 Industrial Minerals / Industrieminerale

Commodity	1993	1994	1995	1996	1997	Change 1997/1993 in %
	in metr.t. (Diamonds: carats)					
Asbestos	2 733 318	2 711 011	2 492 642	2 458 883	2 136 963	-21.82
Baryte	4 532 173	4 571 877	4 583 418	6 110 312	7 031 058	55.14
Bentonite	8 719 502	9 190 674	9 877 983	9 719 547	9 851 737	12.99
Boron	3 353 563	2 699 111	2 830 408	3 229 320	2 934 235	-12.50
Diamonds:						
Gem-	45 938 221	48 626 605	50 400 752	53 160 395	55 295 017	20.37
Ind.	57 756 207	60 710 623	63 174 497	65 506 246	61 800 828	7.00
Diatomite	1 086 409	1 079 748	1 090 183	1 112 508	1 124 497	3.51
Feldspar	6 156 711	6 661 670	8 041 385	8 018 077	7 971 272	29.47
Fluorspar	4 008 357	4 254 145	4 127 477	4 027 035	4 415 799	10.16
Graphite	863 255	791 484	619 963	727 850	597 809	-30.75
Gypsum	90 484 203	93 311 630	90 500 445	93 859 723	92 837 989	2.60
Guano	1 218	1 100	1 057	950	920	-24.47
Kaolin	21 196 476	23 243 269	24 422 024	23 966 053	24 363 227	14.94
Magnesite	9 394 169	9 200 418	9 303 368	10 007 866	9 760 106	3.90
Phosphate	51 575 584	60 301 070	62 785 173	57 353 294	61 923 732	20.06
Potash	22 141 550	22 811 224	24 216 809	23 616 573	25 473 138	15.05
Salt	184 606 566	186 283 428	188 668 515	193 144 075	198 938 075	7.76
Sulfur	44 853 747	42 924 235	44 094 171	42 719 967	42 971 037	-4.20
Talc	7 974 812	8 094 737	8 033 347	8 170 897	8 200 323	2.83
Vermiculite	498 714	524 865	509 663	461 189	446 689	-10.43
Zirconium	906 391	994 303	996 790	1 048 016	896 460	-1.10

6.2.6 Mineral Fuels / Energierohstoffe

Commodity	1993	1994	1995	1996	1997	Change 1997/1993 in %
	in metr.t. (Natural Gas: Mio m3)					
Hard Coal	3 622 021 133	3 562 651 024	3 792 616 329	3 858 369 180	3 875 230 264	6.99
Lignite	924 271 428	889 808 169	869 598 983	842 045 619	849 506 280	-8.09
Coal	4 546 292 561	4 452 459 193	4 662 215 312	4 700 414 799	4 724 736 544	3.93
Uranium	38 858	33 262	34 024	37 994	35 551	-8.51
Oil	3 181 398 546	3 162 042 749	3 259 138 533	3 329 204 318	3 474 015 662	9.20
Nat. Gas	2 191 818	2 274 818	2 373 719	2 298 513	2 311 161	5.44
Oilshales	25 956 556	21 898 084	16 189 799	16 544 758	16 779 505	-35.36

6.3 *World Production of Mineral Commodities
by Country Groups and Economic Blocks
Weltproduktion mineralischer Rohstoffe
nach Ländergruppen und Wirtschafts-
blöcken geordnet*

6.3.1 *Iron and Ferro-Alloy Metals
Eisen und Stahlveredler*

Iron

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	160 910 061	171 311 099	180 097 216	184 973 019	192 972 445
LDC	6 279 000	6 722 300	7 484 100	7 252 700	7 500 000
WIC	168 906 126	182 550 598	191 746 231	189 607 398	199 588 552
CPE	79 599 200	79 380 000	83 680 000	83 800 000	83 380 000
NCR	100 807 705	106 285 206	112 729 172	104 299 174	106 431 097
Total	516 502 092	546 249 203	575 736 719	569 932 291	589 872 094
of them:					
ACP	6 603 696	7 032 300	7 760 911	7 527 065	7 859 903
ASEAN	457 628	475 407	408 056	604 980	581 181
COMECON	0	0	0	0	0
EC	2 160 517	1 649 108	12 734 543	11 764 938	11 150 684
EFTA	13 880 422	14 753 521	1 458 300	1 117 651	1 626 000
G7	55 516 474	59 847 417	62 363 211	60 405 839	60 923 159
NAFTA	0	63 530 614	66 420 169	64 852 962	65 767 826
OECD	149 805 766	165 954 762	175 337 955	175 997 020	184 692 378
SADC	224 696	21 218 790	21 095 176	18 692 305	20 207 419
	in %	in %	in %	in %	in %
DC	31.15	31.36	31.28	32.46	32.71
LDC	1.22	1.23	1.30	1.27	1.27
WIC	32.70	33.42	33.30	33.27	33.84
CPE	15.41	14.53	14.53	14.70	14.14
NRC	19.52	19.46	19.58	18.30	18.04
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	1.28	1.29	1.35	1.32	1.33
ASEAN	0.09	0.09	0.07	0.11	0.10
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.42	0.30	2.21	2.06	1.89
EFTA	2.69	2.70	0.25	0.20	0.28
G7	10.75	10.96	10.83	10.60	10.33
NAFTA	0.00	11.63	11.54	11.38	11.15
OECD	29.00	30.38	30.45	30.88	31.31
SADC	0.04	3.88	3.66	3.28	3.43

Chromium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	781 933	909 458	1 032 916	1 153 913	1 153 276
LDC	36 590	49 548	63 300	79 280	75 480
WIC	1 862 655	2 333 815	3 050 004	2 989 725	3 638 920
CPE	120 411	48 350	91 531	93 609	90 853
NCR	1 333 600	1 471 401	1 137 702	585 617	517 250
Total	4 135 189	4 812 572	5 375 453	4 902 144	5 475 779

of them:

ACP	149 805	280 648	377 245	370 917	373 490
ASEAN	7 574	10 881	13 316	18 524	18 829
COMECON	0	0	0	0	0
EC	3 697	1 960	300 837	302 816	355 698
EFTA	255 459	286 374	0	0	0
G7	2 240	2 240	2 000	2 000	1 800
NAFTA	0	0	0	0	0
OECD	642 296	786 042	712 337	852 219	1 170 291
SADC	113 415	1 779 073	2 656 012	2 433 793	2 770 019

	in %	in %	in %	in %	in %
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DC	18.91	18.90	19.22	23.54	21.06
LDC	0.88	1.03	1.18	1.62	1.38
WIC	45.04	48.49	56.74	60.99	66.45
CPE	2.91	1.00	1.70	1.91	1.66
NRC	32.25	30.57	21.16	11.95	9.45
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	3.62	5.83	7.02	7.57	6.82
ASEAN	0.18	0.23	0.25	0.38	0.34
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.09	0.04	5.60	6.18	6.50
EFTA	6.18	5.95	0.00	0.00	0.00
G7	0.05	0.05	0.04	0.04	0.03
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	15.53	16.33	13.25	17.38	21.37
SADC	2.74	36.97	49.41	49.65	50.59

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Cobalt

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	510	545	724	660	911
LDC	7 202	7 559	6 720	9 572	8 627
WIC	3 368	5 050	4 606	4 934	5 019
CPE	1 526	1 800	2 295	2 000	2 400
NCR	2 500	4 394	3 600	3 800	3 600
Total	15 106	19 348	17 945	20 966	20 557

of them:

ACP	7 315	7 685	6 909	9 678	8 753
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	155	0	0	0	0
G7	2 370	2 692	2 016	2 190	2 200
NAFTA	0	2 692	2 016	2 190	2 200
OECD	3 125	4 792	4 416	4 690	4 700
SADC	5 115	4 312	3 132	5 881	5 919

	in %	in %	in %	in %	in %
DC	3.38	2.82	4.03	3.15	4.43
LDC	47.68	39.07	37.45	45.65	41.97
WIC	22.30	26.10	25.67	23.53	24.42
CPE	10.10	9.30	12.79	9.54	11.67
NRC	16.55	22.71	20.06	18.12	17.51
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	48.42	39.72	38.50	46.16	42.58
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	1.03	0.00	0.00	0.00	0.00
G7	15.69	13.91	11.23	10.45	10.70
NAFTA	0.00	13.91	11.23	10.45	10.70
OECD	20.69	24.77	24.61	22.37	22.86
SADC	33.86	22.29	17.45	28.05	28.79

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; **Abkürzungen:** siehe Einleitende Bemerkungen

Manganese

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	2 256 966	2 589 233	2 839 696	2 976 464	2 989 901
LDC	0	0	0	0	0
WIC	2 070 373	2 182 916	2 440 867	2 409 578	2 992 812
CPE	568 000	952 000	1 180 000	1 000 000	1 200 000
NCR	1 892 252	1 389 683	1 469 407	1 316 938	1 232 874
Total	6 787 591	7 113 832	7 929 970	7 702 980	8 415 587

of them:

ACP	853 650	957 372	1 135 499	1 182 942	1 138 081
ASEAN	23 985	19 200	19 478	20 470	22 100
COMECON	0	0	0	0	0
EC	10 258	3 636	3 647	4 029	3 928
EFTA	0	0	0	0	0
G7	8 176	1 868	1 612	1 457	2 128
NAFTA	0	91 272	140 662	173 380	192 825
OECD	1 067 698	1 048 188	1 188 789	1 189 729	1 843 753
SADC	0	1 256 000	1 439 479	1 438 479	1 358 988

	in %	in %	in %	in %	in %
DC	33.25	36.40	35.81	38.64	35.53
LDC	0.00	0.00	0.00	0.00	0.00
WIC	30.50	30.69	30.78	31.28	35.56
CPE	8.37	13.38	14.88	12.98	14.26
NRC	27.88	19.53	18.53	17.10	14.65
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	12.58	13.46	14.32	15.36	13.52
ASEAN	0.35	0.27	0.25	0.27	0.26
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.15	0.05	0.05	0.05	0.05
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.12	0.03	0.02	0.02	0.03
NAFTA	0.00	1.28	1.77	2.25	2.29
OECD	15.73	14.73	14.99	15.45	21.91
SADC	0.00	17.66	18.15	18.67	16.15

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Molybdenum

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	23 075	24 897	26 834	27 892	32 616
LDC	0	0	0	0	0
WIC	46 809	56 351	69 990	63 069	63 040
CPE	13 455	20 167	19 000	20 000	27 200
NCR	7 000	6 534	5 900	5 770	5 730
Total	90 339	107 949	121 724	116 731	128 586
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	46 809	56 351	69 990	63 069	63 040
NAFTA	0	58 964	73 873	67 280	67 882
OECD	46 809	58 964	73 873	67 280	67 882
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	25.54	23.06	22.04	23.89	25.37
LDC	0.00	0.00	0.00	0.00	0.00
WIC	51.81	52.20	57.50	54.03	49.03
CPE	14.89	18.68	15.61	17.13	21.15
NRC	7.75	6.05	4.85	4.94	4.46
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	51.81	52.20	57.50	54.03	49.03
NAFTA	0.00	54.62	60.69	57.64	52.79
OECD	51.81	54.62	60.69	57.64	52.79
SADC	0.00	0.00	0.00	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Nickel

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	205 888	235 035	268 038	285 642	274 006
LDC	29 067	17 694	15 464	17 461	20 600
WIC	317 647	254 299	276 354	299 499	374 017
CPE	60 157	57 900	78 696	96 700	101 400
NCR	206 393	225 376	218 500	207 300	277 600
Total	819 152	790 304	857 052	906 602	1 047 623

of them:

ACP	53 349	61 830	57 048	57 542	63 234
ASEAN	47 329	56 025	65 341	83 237	73 999
COMECON	0	0	0	0	0
EC	12 275	16 182	20 703	20 879	20 652
EFTA	18 277	18 838	2 892	2 820	2 435
G7	183 227	107 144	121 157	128 939	182 100
NAFTA	0	107 144	121 157	128 939	182 100
OECD	287 779	224 164	246 752	265 638	339 187
SADC	39 905	61 403	55 760	61 016	65 564

	in %	in %	in %	in %	in %
DC	25.13	29.74	31.27	31.51	26.16
LDC	3.55	2.24	1.80	1.93	1.97
WIC	38.78	32.18	32.24	33.04	35.70
CPE	7.34	7.33	9.18	10.67	9.68
NRC	25.20	28.52	25.49	22.87	26.50
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	6.51	7.82	6.66	6.35	6.04
ASEAN	5.78	7.09	7.62	9.18	7.06
COMECON	0.00	0.00	0.00	0.00	0.00
EC	1.50	2.05	2.42	2.30	1.97
EFTA	2.23	2.38	0.34	0.31	0.23
G7	22.37	13.56	14.14	14.22	17.38
NAFTA	0.00	13.56	14.14	14.22	17.38
OECD	35.13	28.36	28.79	29.30	32.38
SADC	4.87	7.77	6.51	6.73	6.26

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Tantalum-Columbium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	31 369	31 674	42 994	48 026	45 412
LDC	156	165	155	162	326
WIC	6 050	5 946	5 975	5 280	4 790
CPE	0	0	0	0	0
NCR	0	0	0	0	0
Total	37 575	37 785	49 124	53 468	50 528

of them:

ACP	244	212	175	182	346
ASEAN	1 077	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	5 800	5 700	5 700	5 000	4 500
NAFTA	0	5 700	5 700	5 000	4 500
OECD	6 050	5 946	5 975	5 280	4 790
SADC	48	7	0	0	0

	in %	in %	in %	in %	in %
DC	83.48	83.83	87.52	89.82	89.87
LDC	0.42	0.44	0.32	0.30	0.65
WIC	16.10	15.74	12.16	9.88	9.48
CPE	0.00	0.00	0.00	0.00	0.00
NRC	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.65	0.56	0.36	0.34	0.68
ASEAN	2.87	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	15.44	15.09	11.60	9.35	8.91
NAFTA	0.00	15.09	11.60	9.35	8.91
OECD	16.10	15.74	12.16	9.88	9.48
SADC	0.13	0.02	0.00	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Titanium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	394 689	325 527	312 919	335 313	310 456
LDC	184 636	171 009	174 901	160 000	150 000
WIC	2 957 664	3 009 764	3 377 858	3 397 320	3 539 515
CPE	119 000	100 500	116 000	116 000	135 000
NCR	190 000	234 283	225 592	233 500	239 000
Total	3 845 989	3 841 083	4 207 270	4 242 133	4 373 971
of them:					
ACP	184 636	171 009	174 901	160 000	150 000
ASEAN	164 373	64 687	64 477	69 883	70 000
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	315 196	366 008	368 208	329 840	246 903
G7	1 050 000	917 400	900 000	850 000	780 000
NAFTA	0	917 400	900 000	850 000	780 000
OECD	2 407 664	2 459 764	2 547 858	2 467 320	2 499 515
SADC	0	550 000	830 000	930 000	1 040 000
	in %	in %	in %	in %	in %
DC	10.26	8.47	7.44	7.90	7.10
LDC	4.80	4.45	4.16	3.77	3.43
WIC	76.90	78.36	80.29	80.09	80.92
CPE	3.09	2.62	2.76	2.73	3.09
NRC	4.94	6.10	5.36	5.50	5.46
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	4.80	4.45	4.16	3.77	3.43
ASEAN	4.27	1.68	1.53	1.65	1.60
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	8.20	9.53	8.75	7.78	5.64
G7	27.30	23.88	21.39	20.04	17.83
NAFTA	0.00	23.88	21.39	20.04	17.83
OECD	62.60	64.04	60.56	58.16	57.15
SADC	0.00	14.32	19.73	21.92	23.78

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Tungsten

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	927	1 051	2 034	1 419	1 212
LDC	319	222	294	187	132
WIC	1 127	183	1 930	2 681	3 045
CPE	20 814	16 800	20 600	26 532	24 450
NCR	4 150	2 304	2 688	1 255	1 050
Total	27 337	20 560	27 546	32 074	29 889
of them:					
ACP	210	130	150	164	120
ASEAN	106	117	93	67	54
COMECON	0	0	0	0	0
EC	768	60	1 830	2 581	2 945
EFTA	120	0	0	0	0
G7	216	100	100	100	100
NAFTA	0	100	387	288	279
OECD	1 127	183	2 217	2 869	3 224
SADC	0	0	0	0	2
	in %	in %	in %	in %	in %
DC	3.39	5.11	7.38	4.42	4.06
LDC	1.17	1.08	1.07	0.58	0.44
WIC	4.12	0.89	7.01	8.36	10.19
CPE	76.14	81.71	74.78	82.72	81.80
NRC	15.18	11.21	9.76	3.91	3.51
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.77	0.63	0.54	0.51	0.40
ASEAN	0.39	0.57	0.34	0.21	0.18
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.81	0.29	6.64	8.05	9.85
EFTA	0.44	0.00	0.00	0.00	0.00
G7	0.79	0.49	0.36	0.31	0.33
NAFTA	0.00	0.49	1.40	0.90	0.93
OECD	4.12	0.89	8.05	8.94	10.79
SADC	0.00	0.00	0.00	0.00	0.01

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Vanadium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	21 918	17 500	17 491	17 500	18 500
CPE	5 000	8 500	5 000	5 500	7 000
NCR	11 603	10 000	11 400	10 900	11 900
Total	38 521	36 000	33 891	33 900	37 400
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	5 118	1 500	1 991	2 700	2 500
NAFTA	0	1 500	1 991	2 700	2 500
OECD	5 118	1 500	1 991	2 700	2 500
SADC	0	16 000	15 500	14 800	16 000
	in %	in %	in %	in %	in %
DC	0.00	0.00	0.00	0.00	0.00
LDC	0.00	0.00	0.00	0.00	0.00
WIC	56.90	48.61	51.61	51.62	49.47
CPE	12.98	23.61	14.75	16.22	18.72
NRC	30.12	27.78	33.64	32.15	31.82
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	13.29	4.17	5.87	7.96	6.68
NAFTA	0.00	4.17	5.87	7.96	6.68
OECD	13.29	4.17	5.87	7.96	6.68
SADC	0.00	44.44	45.73	43.66	42.78

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

6.3.2

Non-Ferrous Metals
Nichteisenmetalle

Aluminium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	3 850 598	3 874 804	3 812 100	3 769 308	3 851 600
LDC	0	0	0	0	0
WIC	11 096 162	10 512 250	10 656 846	11 399 405	11 895 634
CPE	1 220 400	1 446 000	1 870 000	1 780 000	2 050 000
NCR	3 372 158	3 216 732	3 320 156	2 749 516	3 026 002
Total	19 539 318	19 049 786	19 659 102	19 698 229	20 823 236
of them:					
ACP	290 700	245 400	242 800	245 300	265 600
ASEAN	202 197	220 000	0	0	0
COMECON	0	0	0	0	0
EC	2 095 531	2 050 500	2 185 720	2 225 446	2 238 840
EFTA	1 080 300	1 069 100	1 045 600	986 900	1 068 800
G7	7 365 938	6 919 439	6 947 976	7 272 284	7 350 534
NAFTA	0	5 553 683	5 546 992	5 860 000	5 927 200
OECD	10 920 495	10 340 139	10 423 846	10 782 405	11 212 734
SADC	0	172 111	233 000	617 000	682 900
	in %	in %	in %	in %	in %
DC	19.71	20.34	19.39	19.14	18.50
LDC	0.00	0.00	0.00	0.00	0.00
WIC	56.79	55.18	54.21	57.87	57.13
CPE	6.25	7.59	9.51	9.04	9.84
NRC	17.26	16.89	16.89	13.96	14.53
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	1.49	1.29	1.24	1.25	1.28
ASEAN	1.03	1.15	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	10.72	10.76	11.12	11.30	10.75
EFTA	5.53	5.61	5.32	5.01	5.13
G7	37.70	36.32	35.34	36.92	35.30
NAFTA	0.00	29.15	28.22	29.75	28.46
OECD	55.89	54.28	53.02	54.74	53.85
SADC	0.00	0.90	1.19	3.13	3.28

Antimony

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	7 476	10 178	9 638	9 028	9 080
LDC	0	0	0	0	0
WIC	7 092	6 834	8 555	9 247	6 417
CPE	60 000	91 000	91 000	99 000	101 000
NCR	8 800	10 500	9 800	10 000	9 100
Total	83 368	118 512	118 993	127 275	125 597

of them:

ACP	95	65	37	15	0
ASEAN	908	696	522	149	64
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	622	643	574	1 647	892
NAFTA	0	2 401	2 357	2 630	2 801
OECD	2 981	4 058	4 801	5 093	4 911
SADC	95	4 599	5 574	5 152	3 415

	in %	in %	in %	in %	in %
DC	8.97	8.59	8.10	7.09	7.23
LDC	0.00	0.00	0.00	0.00	0.00
WIC	8.51	5.77	7.19	7.27	5.11
CPE	71.97	76.79	76.48	77.78	80.42
NRC	10.56	8.86	8.24	7.86	7.25
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.11	0.05	0.03	0.01	0.00
ASEAN	1.09	0.59	0.44	0.12	0.05
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.75	0.54	0.48	1.29	0.71
NAFTA	0.00	2.03	1.98	2.07	2.23
OECD	3.58	3.42	4.03	4.00	3.91
SADC	0.11	3.88	4.68	4.05	2.72

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Arsenic

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	16 232	15 960	13 532	13 542	17 193
LDC	0	0	0	0	0
WIC	1 050	700	500	450	420
CPE	13 000	13 000	13 000	13 000	15 000
NCR	4 000	4 000	3 086	3 000	3 000
Total	34 282	33 660	30 118	29 992	35 613

of them:

ACP	2 290	2 775	1 246	1 505	2 000
ASEAN	2 000	2 000	2 000	2 000	2 000
COMECON	0	0	0	0	0
EC	150	0	0	0	0
EFTA	400	200	0	0	0
G7	500	500	500	450	420
NAFTA	0	4 440	3 620	2 942	2 999
OECD	1 050	5 140	4 120	3 392	3 419
SADC	2 290	2 775	1 246	1 505	2 000

	in %	in %	in %	in %	in %
DC	47.35	47.42	44.93	45.15	48.28
LDC	0.00	0.00	0.00	0.00	0.00
WIC	3.06	2.08	1.66	1.50	1.18
CPE	37.92	38.62	43.16	43.34	42.12
NRC	11.67	11.88	10.25	10.00	8.42
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	6.68	8.24	4.14	5.02	5.62
ASEAN	5.83	5.94	6.64	6.67	5.62
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.44	0.00	0.00	0.00	0.00
EFTA	1.17	0.59	0.00	0.00	0.00
G7	1.46	1.49	1.66	1.50	1.18
NAFTA	0.00	13.19	12.02	9.81	8.42
OECD	3.06	15.27	13.68	11.31	9.60
SADC	6.68	8.24	4.14	5.02	5.62

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Bauxite

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	35 620 624	37 235 556	37 026 483	43 008 698	43 153 428
LDC	18 734 819	17 244 620	14 503 194	14 512 000	19 858 000
WIC	44 134 365	44 792 152	45 173 493	45 881 304	46 845 527
CPE	3 500 000	3 700 000	4 500 000	5 500 000	8 000 000
NCR	7 788 700	7 128 513	7 177 100	7 149 800	7 430 454
Total	109 778 508	110 100 841	108 380 270	116 051 802	125 287 409
of them:					
ACP	35 565 561	34 856 422	31 267 326	32 996 000	38 803 000
ASEAN	1 389 242	1 504 319	1 088 891	1 060 656	1 087 749
COMECON	0	0	0	0	0
EC	2 295 926	2 219 771	2 286 215	2 532 734	1 756 979
EFTA	0	0	0	0	0
G7	135 428	63 400	86 000	81 000	80 000
NAFTA	0	40 000	0	0	0
OECD	44 134 365	44 792 152	45 173 493	45 881 304	46 845 527
SADC	6 034	9 620	11 000	12 000	8 000
	in %	in %	in %	in %	in %
DC	32.45	33.82	34.16	37.06	34.44
LDC	17.07	15.66	13.38	12.50	15.85
WIC	40.20	40.68	41.68	39.54	37.39
CPE	3.19	3.36	4.15	4.74	6.39
NRC	7.09	6.47	6.62	6.16	5.93
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	32.40	31.66	28.85	28.43	30.97
ASEAN	1.27	1.37	1.00	0.91	0.87
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.09	2.02	2.11	2.18	1.40
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.12	0.06	0.08	0.07	0.06
NAFTA	0.00	0.04	0.00	0.00	0.00
OECD	40.20	40.68	41.68	39.54	37.39
SADC	0.01	0.01	0.01	0.01	0.01

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Bismuth

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	1 818	1 918	1 588	2 009	2 471
LDC	0	0	0	0	0
WIC	654	657	759	717	659
CPE	240	200	400	500	600
NCR	76	137	101	101	95
Total	2 788	2 912	2 848	3 327	3 825
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	5	0	0	0
EFTA	0	0	0	0	0
G7	654	657	759	717	659
NAFTA	0	1 199	1 147	1 227	1 827
OECD	654	1 704	1 747	1 787	2 301
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	65.21	65.87	55.76	60.38	64.60
LDC	0.00	0.00	0.00	0.00	0.00
WIC	23.46	22.56	26.65	21.55	17.23
CPE	8.61	6.87	14.04	15.03	15.69
NRC	2.73	4.70	3.55	3.04	2.48
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.17	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	23.46	22.56	26.65	21.55	17.23
NAFTA	0.00	41.17	40.27	36.88	47.76
OECD	23.46	58.52	61.34	53.71	60.16
SADC	0.00	0.00	0.00	0.00	0.00

Cadmium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	3 008	2 879	3 797	3 895	4 041
LDC	12	0	0	0	0
WIC	9 816	8 794	9 345	10 123	10 722
CPE	1 780	1 660	1 496	1 350	1 504
NCR	2 318	2 036	2 561	2 544	2 578
Total	16 934	15 369	17 199	17 912	18 845
of them:					
ACP	25	19	15	10	2
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	1 432	1 335	2 459	2 432	2 508
EFTA	945	715	296	300	290
G7	6 270	6 773	7 131	7 892	8 923
NAFTA	0	5 054	4 708	5 875	6 705
OECD	9 816	10 664	11 101	11 936	12 594
SADC	13	19	15	10	2
	in %	in %	in %	in %	in %
DC	17.76	18.73	22.08	21.75	21.44
LDC	0.07	0.00	0.00	0.00	0.00
WIC	57.97	57.22	54.33	56.52	56.90
CPE	10.51	10.80	8.70	7.54	7.98
NRC	13.69	13.25	14.89	14.20	13.68
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.15	0.12	0.09	0.06	0.01
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	8.46	8.69	14.30	13.58	13.31
EFTA	5.58	4.65	1.72	1.67	1.54
G7	37.03	44.07	41.46	44.06	47.35
NAFTA	0.00	32.88	27.37	32.80	35.58
OECD	57.97	69.39	64.54	66.64	66.83
SADC	0.08	0.12	0.09	0.06	0.01

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Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Copper

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	3 648 506	3 861 768	4 368 205	5 090 963	5 379 611
LDC	441 039	439 187	367 163	395 895	382 040
WIC	2 837 249	2 699 597	2 896 056	2 870 916	3 586 761
CPE	538 122	478 900	484 052	533 227	576 212
NCR	1 514 006	1 527 103	1 537 287	1 589 440	1 556 322
Total	8 978 922	9 006 555	9 652 763	10 480 441	11 480 946
of them:					
ACP	680 529	676 657	604 537	598 128	512 747
ASEAN	471 275	510 256	654 202	701 402	711 784
COMECON	0	0	0	0	0
EC	154 019	135 339	245 240	226 949	239 926
EFTA	113 080	99 204	6 797	7 389	6 670
G7	2 019 993	1 879 124	2 014 016	1 906 079	2 567 628
NAFTA	0	2 178 394	2 350 815	2 232 742	2 905 433
OECD	2 670 901	2 839 871	3 075 928	3 046 832	3 772 636
SADC	429 084	605 541	515 763	524 575	516 590
	in %	in %	in %	in %	in %
DC	40.63	42.88	45.25	48.58	46.86
LDC	4.91	4.88	3.80	3.78	3.33
WIC	31.60	29.97	30.00	27.39	31.24
CPE	5.99	5.32	5.01	5.09	5.02
NRC	16.86	16.96	15.93	15.17	13.56
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	7.58	7.51	6.26	5.71	4.47
ASEAN	5.25	5.67	6.78	6.69	6.20
COMECON	0.00	0.00	0.00	0.00	0.00
EC	1.72	1.50	2.54	2.17	2.09
EFTA	1.26	1.10	0.07	0.07	0.06
G7	22.50	20.86	20.86	18.19	22.36
NAFTA	0.00	24.19	24.35	21.30	25.31
OECD	29.75	31.53	31.87	29.07	32.86
SADC	4.78	6.72	5.34	5.01	4.50

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Gallium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	6	6	6	5	5
CPE	8	8	2	2	5
NCR	7	6	4	5	5
Total	21	20	12	12	15
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	6	6	6	5	5
NAFTA	0	0	0	0	0
OECD	6	6	6	5	5
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	0.00	0.00	0.00	0.00	0.00
LDC	0.00	0.00	0.00	0.00	0.00
WIC	28.57	30.00	50.00	41.67	33.33
CPE	38.10	40.00	16.67	16.67	33.33
NRC	33.33	30.00	33.33	41.67	33.33
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	28.57	30.00	50.00	41.67	33.33
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	28.57	30.00	50.00	41.67	33.33
SADC	0.00	0.00	0.00	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Germanium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	30	16	19	18	20
CPE	7	6	8	8	9
NCR	10	10	9	9	8
Total	47	32	36	35	37
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	30	16	19	18	20
NAFTA	0	16	19	18	20
OECD	30	16	19	18	20
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	0.00	0.00	0.00	0.00	0.00
LDC	0.00	0.00	0.00	0.00	0.00
WIC	63.83	50.00	52.78	51.43	54.05
CPE	14.89	18.75	22.22	22.86	24.32
NRC	21.28	31.25	25.00	25.71	21.62
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	63.83	50.00	52.78	51.43	54.05
NAFTA	0.00	50.00	52.78	51.43	54.05
OECD	63.83	50.00	52.78	51.43	54.05
SADC	0.00	0.00	0.00	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; **Abkürzungen:** siehe Einleitende Bemerkungen

Lead

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	617 328	598 882	609 237	613 773	630 635
LDC	7 528	2 547	1 862	1 130	782
WIC	1 456 165	1 487 433	1 452 608	1 576 705	1 504 732
CPE	422 000	407 000	451 000	450 000	528 900
NCR	328 313	333 424	302 028	270 715	222 450
Total	2 831 334	2 829 286	2 816 735	2 912 323	2 887 499
of them:					
ACP	37 456	33 025	27 004	24 666	17 000
ASEAN	5 978	7 859	9 576	8 686	5 040
COMECON	0	0	0	0	0
EC	111 223	128 659	222 157	199 958	212 760
EFTA	116 001	116 385	296	274	231
G7	619 881	654 220	708 948	776 660	645 257
NAFTA	0	785 701	854 771	913 221	800 749
OECD	1 355 994	1 555 445	1 544 383	1 655 206	1 601 967
SADC	37 203	128 639	114 717	113 029	100 114
	in %	in %	in %	in %	in %
DC	21.80	21.17	21.63	21.08	21.84
LDC	0.27	0.09	0.07	0.04	0.03
WIC	51.43	52.57	51.57	54.14	52.11
CPE	14.90	14.39	16.01	15.45	18.32
NRC	11.60	11.78	10.72	9.30	7.70
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	1.32	1.17	0.96	0.85	0.59
ASEAN	0.21	0.28	0.34	0.30	0.17
COMECON	0.00	0.00	0.00	0.00	0.00
EC	3.93	4.55	7.89	6.87	7.37
EFTA	4.10	4.11	0.01	0.01	0.01
G7	21.89	23.12	25.17	26.67	22.35
NAFTA	0.00	27.77	30.35	31.36	27.73
OECD	47.89	54.98	54.83	56.83	55.48
SADC	1.31	4.55	4.07	3.88	3.47

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Lithium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	4 930	5 010	5 193	6 588	11 079
LDC	0	0	0	0	0
WIC	8 411	7 720	10 771	11 274	10 876
CPE	1 000	1 000	900	800	750
NCR	1 600	1 600	800	800	800
Total	15 941	15 330	17 664	19 462	23 505

of them:

ACP	482	700	941	823	1 246
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	266	170	131	114	86
EFTA	0	0	0	0	0
G7	4 950	4 450	4 400	4 660	4 190
NAFTA	0	4 450	4 400	4 660	4 190
OECD	8 411	7 720	10 771	11 274	10 876
SADC	482	700	941	823	1 246

	in %	in %	in %	in %	in %
DC	30.93	32.68	29.40	33.85	47.13
LDC	0.00	0.00	0.00	0.00	0.00
WIC	52.76	50.36	60.98	57.93	46.27
CPE	6.27	6.52	5.10	4.11	3.19
NRC	10.04	10.44	4.53	4.11	3.40
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	3.02	4.57	5.33	4.23	5.30
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	1.67	1.11	0.74	0.59	0.37
EFTA	0.00	0.00	0.00	0.00	0.00
G7	31.05	29.03	24.91	23.94	17.83
NAFTA	0.00	29.03	24.91	23.94	17.83
OECD	52.76	50.36	60.98	57.93	46.27
SADC	3.02	4.57	5.33	4.23	5.30

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Mercury

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	479	458	305	368	447
LDC	0	0	0	0	1
WIC	776	454	714	954	476
CPE	467	510	547	500	341
NCR	479	610	554	746	746
Total	2 201	2 032	2 120	2 568	2 011
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	643	345	710	950	476
EFTA	98	89	0	0	0
G7	30	15	0	0	0
NAFTA	0	25	10	0	0
OECD	776	464	724	954	476
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	21.76	22.54	14.39	14.33	22.23
LDC	0.00	0.00	0.00	0.00	0.05
WIC	35.26	22.34	33.68	37.15	23.67
CPE	21.22	25.10	25.80	19.47	16.96
NRC	21.76	30.02	26.13	29.05	37.10
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	29.21	16.98	33.49	36.99	23.67
EFTA	4.45	4.38	0.00	0.00	0.00
G7	1.36	0.74	0.00	0.00	0.00
NAFTA	0.00	1.23	0.47	0.00	0.00
OECD	35.26	22.83	34.15	37.15	23.67
SADC	0.00	0.00	0.00	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; **Abkürzungen:** siehe Einleitende Bemerkungen

Rare Earths Concentrates

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	5 919	3 991	3 884	3 638	3 820
LDC	65	33	34	13	5
WIC	27 250	24 000	25 539	22 400	21 400
CPE	30 700	30 500	31 000	55 900	50 800
NCR	0	0	0	0	0
Total	63 934	58 524	60 457	81 951	76 025

of them:

ACP	65	33	34	13	5
ASEAN	649	491	864	618	600
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	20 000	20 000	22 239	20 400	20 400
NAFTA	0	20 000	22 239	20 400	20 400
OECD	26 000	23 300	25 239	22 400	21 400
SADC	0	700	300	0	0

	in %	in %	in %	in %	in %
DC	9.26	6.82	6.42	4.44	5.02
LDC	0.10	0.06	0.06	0.02	0.01
WIC	42.62	41.01	42.24	27.33	28.15
CPE	48.02	52.12	51.28	68.21	66.82
NRC	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.10	0.06	0.06	0.02	0.01
ASEAN	1.02	0.84	1.43	0.75	0.79
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	31.28	34.17	36.78	24.89	26.83
NAFTA	0.00	34.17	36.78	24.89	26.83
OECD	40.67	39.81	41.75	27.33	28.15
SADC	0.00	1.20	0.50	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Tellurium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	17	28	30	25	24
LDC	0	0	0	0	0
WIC	168	167	231	197	190
CPE	4	3	3	0	2
NCR	0	0	0	0	0
Total	189	198	264	222	216
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	168	167	231	197	190
NAFTA	0	120	181	152	150
OECD	168	167	231	197	190
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	8.99	14.14	11.36	11.26	11.11
LDC	0.00	0.00	0.00	0.00	0.00
WIC	88.89	84.34	87.50	88.74	87.96
CPE	2.12	1.52	1.14	0.00	0.93
NRC	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	88.89	84.34	87.50	88.74	87.96
NAFTA	0.00	60.61	68.56	68.47	69.44
OECD	88.89	84.34	87.50	88.74	87.96
SADC	0.00	0.00	0.00	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Tin

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	103 400	93 501	111 686	126 719	120 754
LDC	1 267	945	619	569	270
WIC	16 113	13 680	14 804	15 567	16 070
CPE	49 558	58 158	57 658	54 537	60 255
NCR	7 800	5 024	9 004	8 004	7 504
Total	178 138	171 308	193 771	205 396	204 853

of them:

ACP	1 708	514	327	2 938	2 729
ASEAN	43 550	39 895	53 848	59 000	58 892
COMECON	0	0	0	0	0
EC	7 568	6 237	6 629	6 739	5 970
EFTA	0	0	0	0	0
G7	2 332	1 900	2 000	2 100	2 400
NAFTA	0	3	1	2	5
OECD	15 661	13 640	14 805	15 569	16 075
SADC	672	132	5	2	0

	in %	in %	in %	in %	in %
DC	58.04	54.58	57.64	61.69	58.95
LDC	0.71	0.55	0.32	0.28	0.13
WIC	9.05	7.99	7.64	7.58	7.84
CPE	27.82	33.95	29.76	26.55	29.41
NRC	4.38	2.93	4.65	3.90	3.66
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.96	0.30	0.17	1.43	1.33
ASEAN	24.45	23.29	27.79	28.72	28.75
COMECON	0.00	0.00	0.00	0.00	0.00
EC	4.25	3.64	3.42	3.28	2.91
EFTA	0.00	0.00	0.00	0.00	0.00
G7	1.31	1.11	1.03	1.02	1.17
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	8.79	7.96	7.64	7.58	7.85
SADC	0.38	0.08	0.00	0.00	0.00

Zinc

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	1 799 292	1 823 404	1 864 972	1 912 014	1 998 388
LDC	30 631	2 900	5 218	3 762	1 849
WIC	3 428 336	3 032 199	3 090 588	3 154 934	3 401 748
CPE	890 000	845 000	1 167 000	1 199 000	908 000
NCR	758 746	657 725	675 441	633 512	653 150
Total	6 907 005	6 361 228	6 803 219	6 903 222	6 963 135

of them:

ACP	47 704	18 975	19 925	21 457	19 913
ASEAN	89 152	69 928	27 040	36 247	18 200
COMECON	0	0	0	0	0
EC	409 854	383 900	585 905	527 199	560 617
EFTA	227 478	192 644	9 946	4 435	4 400
G7	1 688 808	1 412 094	1 483 952	1 445 547	1 711 084
NAFTA	0	1 647 494	1 718 896	1 694 066	2 001 961
OECD	3 351 240	3 314 791	3 375 021	3 426 409	3 708 547
SADC	37 704	94 736	85 647	95 148	89 626

	in %	in %	in %	in %	in %
DC	26.05	28.66	27.41	27.70	28.70
LDC	0.44	0.05	0.08	0.05	0.03
WIC	49.64	47.67	45.43	45.70	48.85
CPE	12.89	13.28	17.15	17.37	13.04
NRC	10.99	10.34	9.93	9.18	9.38
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.69	0.30	0.29	0.31	0.29
ASEAN	1.29	1.10	0.40	0.53	0.26
COMECON	0.00	0.00	0.00	0.00	0.00
EC	5.93	6.03	8.61	7.64	8.05
EFTA	3.29	3.03	0.15	0.06	0.06
G7	24.45	22.20	21.81	20.94	24.57
NAFTA	0.00	25.90	25.27	24.54	28.75
OECD	48.52	52.11	49.61	49.63	53.26
SADC	0.55	1.49	1.26	1.38	1.29

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

6.3.3 Precious Metals Edelmetalle

Gold

Group	1993 kg	1994 kg	1995 kg	1996 kg	1997 kg
DC	416 858	459 694	503 107	543 214	562 696
LDC	20 870	21 903	25 753	24 348	31 189
WIC	1 391 895	1 344 236	1 282 936	1 303 264	1 339 073
CPE	133 625	137 500	168 650	154 998	162 800
NCR	254 009	241 916	237 315	219 810	220 631
Total	2 217 257	2 205 249	2 217 761	2 245 634	2 316 389

of them:

ACP	155 640	171 270	179 069	178 373	184 415
ASEAN	70 930	76 083	93 062	116 479	119 712
COMECON	0	0	0	0	0
EC	8 238	9 862	15 699	15 126	17 739
EFTA	8 228	7 644	0	0	0
G7	495 098	486 094	481 580	495 431	506 784
NAFTA	0	487 175	488 682	506 297	520 081
OECD	772 570	779 583	779 198	830 501	873 604
SADC	23 658	603 097	551 339	524 599	518 964

	in %	in %	in %	in %	in %
DC	18.80	20.85	22.69	24.19	24.29
LDC	0.94	0.99	1.16	1.08	1.35
WIC	62.78	60.96	57.85	58.04	57.81
CPE	6.03	6.24	7.60	6.90	7.03
NRC	11.46	10.97	10.70	9.79	9.52
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	7.02	7.77	8.07	7.94	7.96
ASEAN	3.20	3.45	4.20	5.19	5.17
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.37	0.45	0.71	0.67	0.77
EFTA	0.37	0.35	0.00	0.00	0.00
G7	22.33	22.04	21.71	22.06	21.88
NAFTA	0.00	22.09	22.03	22.55	22.45
OECD	34.84	35.35	35.13	36.98	37.71
SADC	1.07	27.35	24.86	23.36	22.40

Platinum

Group	1993 kg	1994 kg	1995 kg	1996 kg	1997 kg
DC	1 739	1 084	1 025	676	447
LDC	0	0	0	0	0
WIC	200 501	189 257	202 941	212 875	221 418
CPE	0	0	0	0	0
NCR	74 082	58 080	50 006	20 003	17 003
Total	276 322	248 421	253 972	233 554	238 868

of them:

ACP	15	0	0	7	34
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	23 794	23 911	18 110	23 739	24 502
NAFTA	0	22 711	16 910	22 923	23 809
OECD	24 334	24 451	18 610	24 239	24 952
SADC	15	164 806	184 331	188 643	196 500

	in %	in %	in %	in %	in %
DC	0.63	0.44	0.40	0.29	0.19
LDC	0.00	0.00	0.00	0.00	0.00
WIC	72.56	76.18	79.91	91.15	92.69
CPE	0.00	0.00	0.00	0.00	0.00
NRC	26.81	23.38	19.69	8.56	7.12
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.01	0.00	0.00	0.00	0.01
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	8.61	9.63	7.13	10.16	10.26
NAFTA	0.00	9.14	6.66	9.81	9.97
OECD	8.81	9.84	7.33	10.38	10.45
SADC	0.01	66.34	72.58	80.77	82.26

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Silver

Group	1993 kg	1994 kg	1995 kg	1996 kg	1997 kg
DC	6 320 231	6 208 387	6 766 534	6 990 547	7 221 472
LDC	30 972	25 901	23 434	26 599	17 236
WIC	4 763 192	4 346 533	4 666 953	4 810 858	5 105 637
CPE	1 110 600	1 036 000	1 139 000	1 118 000	1 137 400
NCR	2 429 534	2 235 620	2 317 617	2 274 647	2 313 046
Total	14 654 529	13 852 441	14 913 538	15 220 651	15 794 791

of them:

ACP	212 342	181 789	191 221	154 265	112 446
ASEAN	136 234	148 864	300 331	288 917	300 487
COMECON	0	0	0	0	0
EC	369 735	306 944	559 176	550 844	557 120
EFTA	282 353	308 078	6 000	5 900	5 000
G7	2 748 621	2 474 812	2 974 238	3 039 835	3 031 950
NAFTA	0	4 594 636	5 288 515	5 414 635	5 574 329
OECD	4 570 774	6 484 960	6 989 563	7 178 634	7 662 998
SADC	102 291	279 613	264 399	229 347	190 291

	in %	in %	in %	in %	in %
DC	43.13	44.82	45.37	45.93	45.72
LDC	0.21	0.19	0.16	0.17	0.11
WIC	32.50	31.38	31.29	31.61	32.32
CPE	7.58	7.48	7.64	7.35	7.20
NRC	16.58	16.14	15.54	14.94	14.64
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	1.45	1.31	1.28	1.01	0.71
ASEAN	0.93	1.07	2.01	1.90	1.90
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.52	2.22	3.75	3.62	3.53
EFTA	1.93	2.22	0.04	0.04	0.03
G7	18.76	17.87	19.94	19.97	19.20
NAFTA	0.00	33.17	35.46	35.57	35.29
OECD	31.19	46.81	46.87	47.16	48.52
SADC	0.70	2.02	1.77	1.51	1.20

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

6.3.4

Industrial Minerals

Industrieminerale, Steine und Erden

Asbestos

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	489 436	492 879	488 548	484 768	491 633
LDC	0	0	0	0	0
WIC	686 282	675 732	689 697	629 665	569 280
CPE	230 000	240 000	263 000	293 000	250 000
NCR	1 327 600	1 302 400	1 051 397	1 051 450	826 050
Total	2 733 318	2 711 011	2 492 642	2 458 883	2 136 963
of them:					
ACP	190 741	178 566	198 057	191 494	185 560
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	56 948	55 502	75 003	80 213	63 294
EFTA	0	0	0	0	0
G7	525 340	528 100	525 288	492 552	456 000
NAFTA	0	528 100	525 288	492 552	456 000
OECD	582 288	583 602	600 291	572 765	519 294
SADC	190 741	270 696	287 463	248 394	235 546
	in %	in %	in %	in %	in %
DC	17.91	18.18	19.60	19.71	23.01
LDC	0.00	0.00	0.00	0.00	0.00
WIC	25.11	24.93	27.67	25.61	26.64
CPE	8.41	8.85	10.55	11.92	11.70
NRC	48.57	48.04	42.18	42.76	38.66
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	6.98	6.59	7.95	7.79	8.68
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.08	2.05	3.01	3.26	2.96
EFTA	0.00	0.00	0.00	0.00	0.00
G7	19.22	19.48	21.07	20.03	21.34
NAFTA	0.00	19.48	21.07	20.03	21.34
OECD	21.30	21.53	24.08	23.29	24.30
SADC	6.98	9.99	11.53	10.10	11.02

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Baryte

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	1 378 017	1 328 429	1 517 499	1 704 442	1 587 147
LDC	22 128	23 249	36 841	23 113	19 306
WIC	898 415	1 129 464	1 130 410	1 401 880	1 380 545
CPE	1 930 000	1 830 000	1 530 000	2 550 000	3 560 000
NCR	303 613	260 735	368 668	430 877	484 060
Total	4 532 173	4 571 877	4 583 418	6 110 312	7 031 058

of them:

ACP	17 134	17 020	18 000	18 650	14 217
ASEAN	35 936	48 240	38 100	37 862	54 832
COMECON	0	0	0	0	0
EC	416 048	416 090	407 882	508 531	427 134
EFTA	0	0	0	0	0
G7	658 060	955 339	931 111	1 095 065	1 094 392
NAFTA	0	730 605	852 367	1 188 954	1 034 606
OECD	896 415	1 214 124	1 372 729	1 864 485	1 615 080
SADC	120	1 945	6 548	8 573	3 288

	in %	in %	in %	in %	in %
DC	30.41	29.06	33.11	27.89	22.57
LDC	0.49	0.51	0.80	0.38	0.27
WIC	19.82	24.70	24.66	22.94	19.63
CPE	42.58	40.03	33.38	41.73	50.63
NRC	6.70	5.70	8.04	7.05	6.88
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.38	0.37	0.39	0.31	0.20
ASEAN	0.79	1.06	0.83	0.62	0.78
COMECON	0.00	0.00	0.00	0.00	0.00
EC	9.18	9.10	8.90	8.32	6.07
EFTA	0.00	0.00	0.00	0.00	0.00
G7	14.52	20.90	20.31	17.92	15.57
NAFTA	0.00	15.98	18.60	19.46	14.71
OECD	19.78	26.56	29.95	30.51	22.97
SADC	0.00	0.04	0.14	0.14	0.05

Bentonite

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	922 631	1 091 060	960 258	975 804	1 084 954
LDC	200	300	600	730	750
WIC	5 791 469	6 286 374	7 209 325	6 927 176	7 036 264
CPE	0	0	0	0	0
NCR	2 005 202	1 812 940	1 707 800	1 815 837	1 729 769
Total	8 719 502	9 190 674	9 877 983	9 719 547	9 851 737

of them:

ACP	0	0	0	0	0
ASEAN	37 830	38 540	35 921	32 549	19 008
COMECON	0	0	0	0	0
EC	1 833 072	1 856 776	2 168 291	2 203 062	2 223 705
EFTA	0	0	0	0	0
G7	4 377 240	4 785 048	5 549 200	5 316 384	5 356 796
NAFTA	0	3 390 708	3 917 853	3 808 120	3 769 000
OECD	5 741 028	6 314 601	7 238 398	6 948 910	7 071 938
SADC	0	71 773	70 927	48 076	33 326

	in %	in %	in %	in %	in %
DC	10.58	11.87	9.72	10.04	11.01
LDC	0.00	0.00	0.01	0.01	0.01
WIC	66.42	68.40	72.98	71.27	71.42
CPE	0.00	0.00	0.00	0.00	0.00
NRC	23.00	19.73	17.29	18.68	17.56
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.43	0.42	0.36	0.33	0.19
COMECON	0.00	0.00	0.00	0.00	0.00
EC	21.02	20.20	21.95	22.67	22.57
EFTA	0.00	0.00	0.00	0.00	0.00
G7	50.20	52.06	56.18	54.70	54.37
NAFTA	0.00	36.89	39.66	39.18	38.26
OECD	65.84	68.71	73.28	71.49	71.78
SADC	0.00	0.78	0.72	0.49	0.34

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Boron

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	286 207	343 131	372 414	477 320	576 538
LDC	0	0	0	0	0
WIC	2 947 356	2 245 980	2 337 994	2 632 000	2 217 697
CPE	30 000	30 000	40 000	40 000	60 000
NCR	90 000	80 000	80 000	80 000	80 000
Total	3 353 563	2 699 111	2 830 408	3 229 320	2 934 235

of them:

ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	1 055 000	1 106 000	1 194 000	1 150 000	1 200 000
NAFTA	0	1 106 000	1 194 000	1 150 000	1 200 000
OECD	2 947 356	2 245 980	2 337 994	2 632 000	2 217 697
SADC	0	0	0	0	0

	in %	in %	in %	in %	in %
DC	8.53	12.71	13.16	14.78	19.65
LDC	0.00	0.00	0.00	0.00	0.00
WIC	87.89	83.21	82.60	81.50	75.58
CPE	0.89	1.11	1.41	1.24	2.04
NRC	2.68	2.96	2.83	2.48	2.73
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	31.46	40.98	42.18	35.61	40.90
NAFTA	0.00	40.98	42.18	35.61	40.90
OECD	87.89	83.21	82.60	81.50	75.58
SADC	0.00	0.00	0.00	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Diamonds (Gem)

Group	1993 karat	1994 karat	1995 karat	1996 karat	1997 karat
DC	2 612 903	3 136 775	4 655 729	5 232 840	6 374 581
LDC	14 373 218	15 024 569	17 103 967	17 883 655	18 099 684
WIC	20 930 100	21 857 461	20 091 056	20 775 900	21 234 952
CPE	22 000	47 800	50 000	18 000	35 800
NCR	8 000 000	8 560 000	8 500 000	9 250 000	9 550 000
Total	45 938 221	48 626 605	50 400 752	53 160 395	55 295 017

of them:

ACP	16 522 917	17 729 241	21 529 596	22 943 094	24 284 661
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	0	0	0	0	0
NAFTA	0	0	0	0	0
OECD	16 800 500	17 516 000	16 157 200	16 797 200	17 218 400
SADC	12 355 499	17 807 619	20 009 428	21 352 757	24 121 444

	in %	in %	in %	in %	in %
DC	5.69	6.45	9.24	9.84	11.53
LDC	31.29	30.90	33.94	33.64	32.73
WIC	45.56	44.95	39.86	39.08	38.40
CPE	0.05	0.10	0.10	0.03	0.06
NRC	17.41	17.60	16.86	17.40	17.27
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	35.97	36.46	42.72	43.16	43.92
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.00	0.00	0.00	0.00	0.00
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	36.57	36.02	32.06	31.60	31.14
SADC	26.90	36.62	39.70	40.17	43.62

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Diamonds (Ind)

Group	1993 karat	1994 karat	1995 karat	1996 karat	1997 karat
DC	1 174 578	1 189 525	1 357 507	1 584 852	1 830 862
LDC	17 223 704	17 983 706	22 980 405	23 435 544	18 424 338
WIC	31 269 925	32 786 192	30 136 585	31 163 850	31 852 428
CPE	88 000	191 200	200 000	72 000	143 200
NCR	8 000 000	8 560 000	8 500 000	9 250 000	9 550 000
Total	57 756 207	60 710 623	63 174 497	65 506 246	61 800 828
of them:					
ACP	17 978 543	18 835 040	24 110 500	24 861 909	20 050 782
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	0	0	0	0	0
NAFTA	0	0	0	0	0
OECD	25 075 500	26 274 000	24 235 800	25 195 800	25 827 600
SADC	4 662 236	11 530 732	11 534 574	12 088 778	12 996 243
	in %	in %	in %	in %	in %
DC	2.03	1.96	2.15	2.42	2.96
LDC	29.82	29.62	36.38	35.78	29.81
WIC	54.14	54.00	47.70	47.57	51.54
CPE	0.15	0.31	0.32	0.11	0.23
NRC	13.85	14.10	13.45	14.12	15.45
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	31.13	31.02	38.16	37.95	32.44
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.00	0.00	0.00	0.00	0.00
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	43.42	43.28	38.36	38.46	41.79
SADC	8.07	18.99	18.26	18.45	21.03

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Diatomite

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	196 462	209 150	204 900	207 065	210 207
LDC	1 775	1 700	1 500	1 300	1 000
WIC	778 472	812 658	834 633	854 713	861 890
CPE	0	0	0	0	0
NCR	109 700	56 240	49 150	49 430	51 400
Total	1 086 409	1 079 748	1 090 183	1 112 508	1 124 497

of them:

ACP	2 604	2 292	2 078	1 850	1 550
ASEAN	8 290	6 874	5 591	1 576	2 000
COMECON	0	0	0	0	0
EC	143 672	162 350	110 051	115 672	116 540
EFTA	17 700	20 000	20 000	25 600	26 000
G7	696 612	707 908	772 082	782 041	789 000
NAFTA	0	662 708	739 082	754 241	769 000
OECD	777 872	857 058	881 133	906 513	921 540
SADC	0	600	500	400	350

	in %	in %	in %	in %	in %
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DC	18.08	19.37	18.80	18.61	18.69
LDC	0.16	0.16	0.14	0.12	0.09
WIC	71.66	75.26	76.56	76.83	76.65
CPE	0.00	0.00	0.00	0.00	0.00
NRC	10.10	5.21	4.51	4.44	4.57
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.24	0.21	0.19	0.17	0.14
ASEAN	0.76	0.64	0.51	0.14	0.18
COMECON	0.00	0.00	0.00	0.00	0.00
EC	13.22	15.04	10.09	10.40	10.36
EFTA	1.63	1.85	1.83	2.30	2.31
G7	64.12	65.56	70.82	70.30	70.16
NAFTA	0.00	61.38	67.79	67.80	68.39
OECD	71.60	79.38	80.82	81.48	81.95
SADC	0.00	0.06	0.05	0.04	0.03

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Feldspar

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	1 743 142	1 840 737	1 947 056	2 029 656	1 881 903
LDC	1 455	10 885	7 091	0	0
WIC	3 931 514	4 426 148	5 703 577	5 483 045	5 540 269
CPE	9 600	3 400	9 300	12 100	14 700
NCR	471 000	380 500	374 361	493 276	534 400
Total	6 156 711	6 661 670	8 041 385	8 018 077	7 971 272
of them:					
ACP	1 653	1 617	3 920	3 248	2 254
ASEAN	617 738	599 832	711 513	717 673	573 116
COMECON	0	0	0	0	0
EC	2 470 288	2 880 002	3 851 308	3 887 932	3 859 746
EFTA	186 892	164 177	73 810	72 555	107 335
G7	2 960 099	3 321 267	4 114 424	4 168 530	4 161 646
NAFTA	0	898 643	1 002 178	1 029 764	1 085 760
OECD	3 888 114	4 522 433	5 776 132	5 569 373	5 636 341
SADC	1 653	38 773	53 144	56 892	61 942
	in %	in %	in %	in %	in %
DC	28.31	27.63	24.21	25.31	23.61
LDC	0.02	0.16	0.09	0.00	0.00
WIC	63.86	66.44	70.93	68.38	69.50
CPE	0.16	0.05	0.12	0.15	0.18
NRC	7.65	5.71	4.66	6.15	6.70
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.03	0.02	0.05	0.04	0.03
ASEAN	10.03	9.00	8.85	8.95	7.19
COMECON	0.00	0.00	0.00	0.00	0.00
EC	40.12	43.23	47.89	48.49	48.42
EFTA	3.04	2.46	0.92	0.90	1.35
G7	48.08	49.86	51.17	51.99	52.21
NAFTA	0.00	13.49	12.46	12.84	13.62
OECD	63.15	67.89	71.83	69.46	70.71
SADC	0.03	0.58	0.66	0.71	0.78

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Fluorspar

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	663 916	659 129	897 580	879 611	879 712
LDC	0	1 200	900	800	560
WIC	732 341	623 816	716 497	686 524	655 027
CPE	2 340 000	2 740 000	2 220 000	2 162 600	2 568 000
NCR	272 100	230 000	292 500	297 500	312 500
Total	4 008 357	4 254 145	4 127 477	4 027 035	4 415 799
of them:					
ACP	121 322	104 669	117 306	112 285	103 208
ASEAN	48 387	23 705	24 144	17 247	7 826
COMECON	0	0	0	0	0
EC	453 681	393 887	460 830	451 778	423 262
EFTA	0	0	0	0	0
G7	426 681	342 887	399 830	362 678	323 262
NAFTA	0	376 378	573 658	551 871	572 839
OECD	514 563	776 936	1 043 361	1 008 477	1 001 101
SADC	42 597	225 439	232 870	234 303	229 973
	in %	in %	in %	in %	in %
DC	16.56	15.49	21.75	21.84	19.92
LDC	0.00	0.03	0.02	0.02	0.01
WIC	18.27	14.66	17.36	17.05	14.83
CPE	58.38	64.41	53.79	53.70	58.15
NRC	6.79	5.41	7.09	7.39	7.08
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	3.03	2.46	2.84	2.79	2.34
ASEAN	1.21	0.56	0.58	0.43	0.18
COMECON	0.00	0.00	0.00	0.00	0.00
EC	11.32	9.26	11.16	11.22	9.59
EFTA	0.00	0.00	0.00	0.00	0.00
G7	10.64	8.06	9.69	9.01	7.32
NAFTA	0.00	8.85	13.90	13.70	12.97
OECD	12.84	18.26	25.28	25.04	22.67
SADC	1.06	5.30	5.64	5.82	5.21

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Graphite

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	165 845	145 861	158 207	205 130	199 764
LDC	10 000	8 000	14 065	14 200	13 250
WIC	53 290	61 398	55 611	83 290	63 795
CPE	585 500	535 400	350 400	380 300	280 200
NCR	48 620	40 825	41 680	44 930	40 800
Total	863 255	791 484	619 963	727 850	597 809
of them:					
ACP	17 142	16 729	25 446	21 891	26 029
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	887	874	13 053	36 225	15 082
EFTA	10 646	17 524	2 558	7 065	7 713
G7	23 144	23 874	21 034	22 603	23 030
NAFTA	0	53 863	54 388	60 412	69 982
OECD	53 290	92 261	89 999	123 702	111 777
SADC	7 142	8 729	11 481	7 891	13 029
	in %	in %	in %	in %	in %
DC	19.21	18.43	25.52	28.18	33.42
LDC	1.16	1.01	2.27	1.95	2.22
WIC	6.17	7.76	8.97	11.44	10.67
CPE	67.82	67.65	56.52	52.25	46.87
NRC	5.63	5.16	6.72	6.17	6.82
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	1.99	2.11	4.10	3.01	4.35
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.10	0.11	2.11	4.98	2.52
EFTA	1.23	2.21	0.41	0.97	1.29
G7	2.68	3.02	3.39	3.11	3.85
NAFTA	0.00	6.81	8.77	8.30	11.71
OECD	6.17	11.66	14.52	17.00	18.70
SADC	0.83	1.10	1.85	1.08	2.18

Guano

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	1 218	1 100	1 057	950	920
LDC	0	0	0	0	0
WIC	0	0	0	0	0
CPE	0	0	0	0	0
NCR	0	0	0	0	0
Total	1 218	1 100	1 057	950	920
of them:					
ACP	1 000	1 000	1 000	900	900
ASEAN	218	100	57	50	20
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	0	0	0	0	0
NAFTA	0	0	0	0	0
OECD	0	0	0	0	0
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	100.00	100.00	100.00	100.00	100.00
LDC	0.00	0.00	0.00	0.00	0.00
WIC	0.00	0.00	0.00	0.00	0.00
CPE	0.00	0.00	0.00	0.00	0.00
NRC	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	82.10	90.91	94.61	94.74	97.83
ASEAN	17.90	9.09	5.39	5.26	2.17
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.00	0.00	0.00	0.00	0.00
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	0.00	0.00	0.00	0.00	0.00
SADC	0.00	0.00	0.00	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Gypsum and Anhydrite

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	28 365 854	28 814 271	29 889 594	32 524 385	32 267 292
LDC	424 760	430 998	424 431	392 523	415 587
WIC	46 411 948	49 143 655	49 225 070	50 142 337	50 075 191
CPE	11 190 000	11 050 000	7 390 000	7 542 000	7 320 300
NCR	4 091 641	3 872 706	3 571 350	3 258 478	2 759 619
Total	90 484 203	93 311 630	90 500 445	93 859 723	92 837 989

of them:

ACP	308 886	365 052	373 568	431 045	308 912
ASEAN	7 455 606	8 140 617	8 534 025	9 253 240	8 558 955
COMECON	0	0	0	0	0
EC	19 311 083	19 294 405	21 191 087	20 741 114	21 128 822
EFTA	1 175 771	1 359 169	321 800	312 940	293 828
G7	34 450 844	36 324 383	35 763 304	36 303 383	35 696 038
NAFTA	0	29 137 110	28 119 840	29 726 900	29 718 900
OECD	46 127 559	52 277 388	52 402 935	53 560 549	53 926 212
SADC	58 158	363 377	334 975	375 688	395 279

	in %	in %	in %	in %	in %
DC	31.35	30.88	33.03	34.65	34.76
LDC	0.47	0.46	0.47	0.42	0.45
WIC	51.29	52.67	54.39	53.42	53.94
CPE	12.37	11.84	8.17	8.04	7.89
NRC	4.52	4.15	3.95	3.47	2.97
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.34	0.39	0.41	0.46	0.33
ASEAN	8.24	8.72	9.43	9.86	9.22
COMECON	0.00	0.00	0.00	0.00	0.00
EC	21.34	20.68	23.42	22.10	22.76
EFTA	1.30	1.46	0.36	0.33	0.32
G7	38.07	38.93	39.52	38.68	38.45
NAFTA	0.00	31.23	31.07	31.67	32.01
OECD	50.98	56.02	57.90	57.06	58.09
SADC	0.06	0.39	0.37	0.40	0.43

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Kaolin

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	4 292 838	5 367 035	5 144 859	5 376 942	5 374 055
LDC	9 234	14 733	10 625	11 920	14 358
WIC	14 241 731	15 160 230	16 459 659	15 203 986	15 375 034
CPE	656 100	704 900	905 900	956 100	982 000
NCR	1 996 573	1 996 371	1 900 981	2 417 105	2 617 780
Total	21 196 476	23 243 269	24 422 024	23 966 053	24 363 227

of them:

ACP	6 444	6 882	6 504	7 870	8 912
ASEAN	721 047	724 012	720 354	816 076	604 851
COMECON	0	0	0	0	0
EC	4 335 981	5 226 986	5 959 565	5 305 040	5 496 588
EFTA	341 956	468 873	0	0	0
G7	12 849 260	13 489 465	14 605 362	13 789 802	13 817 986
NAFTA	0	8 986 733	9 701 810	9 286 220	9 160 000
OECD	14 094 382	15 244 367	16 533 132	15 222 490	15 414 886
SADC	477	132 845	147 180	147 828	121 148

	in %	in %	in %	in %	in %
DC	20.25	23.09	21.07	22.44	22.06
LDC	0.04	0.06	0.04	0.05	0.06
WIC	67.19	65.22	67.40	63.44	63.11
CPE	3.10	3.03	3.71	3.99	4.03
NRC	9.42	8.59	7.78	10.09	10.74
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.03	0.03	0.03	0.03	0.04
ASEAN	3.40	3.11	2.95	3.41	2.48
COMECON	0.00	0.00	0.00	0.00	0.00
EC	20.46	22.49	24.40	22.14	22.56
EFTA	1.61	2.02	0.00	0.00	0.00
G7	60.62	58.04	59.80	57.54	56.72
NAFTA	0.00	38.66	39.73	38.75	37.60
OECD	66.49	65.59	67.70	63.52	63.27
SADC	0.00	0.57	0.60	0.62	0.50

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Magnesite

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	734 197	779 507	691 597	749 459	800 309
LDC	0	0	0	0	0
WIC	3 039 622	3 433 171	3 996 271	3 223 407	3 263 797
CPE	3 600 000	3 100 000	2 500 000	3 800 000	4 100 000
NCR	2 020 350	1 887 740	2 115 500	2 235 000	1 596 000
Total	9 394 169	9 200 418	9 303 368	10 007 866	9 760 106
of them:					
ACP	6 276	1 588	5 597	10 659	13 050
ASEAN	18 500	18 000	0	0	0
COMECON	0	0	0	0	0
EC	715 999	725 472	1 522 497	1 571 966	1 584 327
EFTA	648 864	681 375	0	0	0
G7	200 000	300 000	200 000	200 000	150 000
NAFTA	0	300 000	200 000	200 000	150 000
OECD	2 972 219	3 361 445	3 911 982	3 152 049	3 187 098
SADC	6 276	73 314	89 886	82 017	89 749
	in %	in %	in %	in %	in %
DC	7.82	8.47	7.43	7.49	8.20
LDC	0.00	0.00	0.00	0.00	0.00
WIC	32.36	37.32	42.96	32.21	33.44
CPE	38.32	33.69	26.87	37.97	42.01
NRC	21.51	20.52	22.74	22.33	16.35
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.07	0.02	0.06	0.11	0.13
ASEAN	0.20	0.20	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	7.62	7.89	16.37	15.71	16.23
EFTA	6.91	7.41	0.00	0.00	0.00
G7	2.13	3.26	2.15	2.00	1.54
NAFTA	0.00	3.26	2.15	2.00	1.54
OECD	31.64	36.54	42.05	31.50	32.65
SADC	0.07	0.80	0.97	0.82	0.92

Perlite

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	63 589	66 217	72 991	79 964	86 441
LDC	0	0	0	0	0
WIC	1 470 131	1 567 488	1 843 378	1 628 098	1 739 216
CPE	0	0	0	0	0
NCR	225 000	227 900	227 200	227 300	262 800
Total	1 758 720	1 861 605	2 143 569	1 935 362	2 088 457

of them:

ACP	0	0	0	0	0
ASEAN	11 000	6 017	17 133	20 000	25 941
COMECON	0	0	0	0	0
EC	548 574	468 699	565 479	598 640	695 917
EFTA	0	0	0	0	0
G7	769 051	844 275	900 103	848 396	903 000
NAFTA	0	679 275	735 103	685 813	738 000
OECD	1 469 803	1 601 574	1 877 040	1 664 833	1 773 566
SADC	0	914	1 338	682	650

	in %	in %	in %	in %	in %
DC	3.62	3.56	3.41	4.13	4.14
LDC	0.00	0.00	0.00	0.00	0.00
WIC	83.59	84.20	86.00	84.12	83.28
CPE	0.00	0.00	0.00	0.00	0.00
NRC	12.79	12.24	10.60	11.74	12.58
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.63	0.32	0.80	1.03	1.24
COMECON	0.00	0.00	0.00	0.00	0.00
EC	31.19	25.18	26.38	30.93	33.32
EFTA	0.00	0.00	0.00	0.00	0.00
G7	43.73	45.35	41.99	43.84	43.24
NAFTA	0.00	36.49	34.29	35.44	35.34
OECD	83.57	86.03	87.57	86.02	84.92
SADC	0.00	0.05	0.06	0.04	0.03

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Phosphate

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	13 202 039	14 926 954	15 754 041	16 537 167	19 555 155
LDC	559 503	784 466	949 090	1 015 567	985 554
WIC	12 253 342	13 955 850	16 227 042	16 459 060	17 423 023
CPE	21 408 700	25 897 000	27 080 000	21 360 000	22 380 000
NCR	4 152 000	4 736 800	2 775 000	1 981 500	1 580 000
Total	51 575 584	60 301 070	62 785 173	57 353 294	61 923 732

of them:

ACP	1 338 053	1 445 966	1 569 227	1 679 496	1 609 801
ASEAN	14 402	5 871	6 752	8 033	8 033
COMECON	0	0	0	0	0
EC	0	0	671 242	667 196	689 053
EFTA	627 570	647 250	0	0	0
G7	10 703 600	12 117 600	12 765 000	13 000 000	14 000 000
NAFTA	0	12 289 290	12 964 153	13 218 265	14 228 372
OECD	11 353 342	12 937 540	13 636 195	13 887 325	14 919 395
SADC	46 639	1 235 900	2 836 345	2 827 506	2 764 487

	in %	in %	in %	in %	in %
DC	25.60	24.75	25.09	28.83	31.58
LDC	1.08	1.30	1.51	1.77	1.59
WIC	23.76	23.14	25.85	28.70	28.14
CPE	41.51	42.95	43.13	37.24	36.14
NRC	8.05	7.86	4.42	3.45	2.55
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	2.59	2.40	2.50	2.93	2.60
ASEAN	0.03	0.01	0.01	0.01	0.01
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	1.07	1.16	1.11
EFTA	1.22	1.07	0.00	0.00	0.00
G7	20.75	20.10	20.33	22.67	22.61
NAFTA	0.00	20.38	20.65	23.05	22.98
OECD	22.01	21.45	21.72	24.21	24.09
SADC	0.09	2.05	4.52	4.93	4.46

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Potash

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	2 424 561	2 412 390	2 906 549	3 172 120	2 889 569
LDC	0	0	0	0	0
WIC	14 990 289	14 928 834	15 760 260	14 914 453	16 233 569
CPE	60 000	60 000	90 000	80 000	100 000
NCR	4 666 700	5 410 000	5 460 000	5 450 000	6 250 000
Total	22 141 550	22 811 224	24 216 809	23 616 573	25 473 138

of them:

ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	6 514 289	5 491 834	5 422 860	5 474 453	5 502 569
EFTA	0	0	0	0	0
G7	14 319 183	14 269 834	15 120 860	14 234 453	15 628 569
NAFTA	0	9 437 000	10 335 000	9 440 000	10 731 000
OECD	14 990 289	14 928 834	15 757 860	14 914 453	16 233 569
SADC	0	0	2 400	0	0

	in %	in %	in %	in %	in %
DC	10.95	10.58	12.00	13.43	11.34
LDC	0.00	0.00	0.00	0.00	0.00
WIC	67.70	65.45	65.08	63.15	63.73
CPE	0.27	0.26	0.37	0.34	0.39
NCR	21.08	23.72	22.55	23.08	24.54
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	29.42	24.08	22.39	23.18	21.60
EFTA	0.00	0.00	0.00	0.00	0.00
G7	64.67	62.56	62.44	60.27	61.35
NAFTA	0.00	41.37	42.68	39.97	42.13
OECD	67.70	65.45	65.07	63.15	63.73
SADC	0.00	0.00	0.01	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Salt

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	37 609 472	36 096 796	37 814 416	38 828 163	41 050 764
LDC	1 897 243	2 055 457	2 044 303	1 936 286	1 766 452
WIC	100 660 534	101 252 572	108 330 603	109 898 826	113 998 127
CPE	30 840 300	33 287 400	26 072 500	30 096 800	30 322 900
NCR	13 599 017	13 591 203	14 406 693	12 384 000	11 799 832
Total	184 606 566	186 283 428	188 668 515	193 144 075	198 938 075

of them:

ACP	1 692 154	2 100 496	2 097 621	1 968 640	1 957 784
ASEAN	1 397 093	1 450 061	1 580 511	1 649 674	1 641 514
COMECON	0	0	0	0	0
EC	37 175 759	37 493 753	43 057 588	43 431 716	45 228 927
EFTA	1 108 205	1 004 550	413 000	464 000	415 400
G7	81 571 127	81 794 245	87 184 584	88 755 040	90 347 577
NAFTA	0	58 800 414	60 776 549	62 834 148	62 897 072
OECD	100 010 905	108 259 023	115 649 187	118 121 864	121 574 399
SADC	357 785	1 090 084	1 130 116	958 670	1 138 414

	in %	in %	in %	in %	in %
DC	20.37	19.38	20.04	20.10	20.63
LDC	1.03	1.10	1.08	1.00	0.89
WIC	54.53	54.35	57.42	56.90	57.30
CPE	16.71	17.87	13.82	15.58	15.24
NRC	7.37	7.30	7.64	6.41	5.93
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.92	1.13	1.11	1.02	0.98
ASEAN	0.76	0.78	0.84	0.85	0.83
COMECON	0.00	0.00	0.00	0.00	0.00
EC	20.14	20.13	22.82	22.49	22.74
EFTA	0.60	0.54	0.22	0.24	0.21
G7	44.19	43.91	46.21	45.95	45.41
NAFTA	0.00	31.57	32.21	32.53	31.62
OECD	54.18	58.12	61.30	61.16	61.11
SADC	0.19	0.59	0.60	0.50	0.57

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Sulfur

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	6 233 640	5 535 113	4 915 868	5 782 715	5 676 463
LDC	40 292	38 000	37 000	32 000	28 000
WIC	26 733 334	26 910 749	28 492 002	26 456 128	25 471 241
CPE	6 162 700	5 560 100	5 550 000	5 610 000	6 130 000
NCR	5 683 781	4 880 273	5 099 301	4 839 124	5 665 333
Total	44 853 747	42 924 235	44 094 171	42 719 967	42 971 037

of them:

ACP	127 631	128 648	129 000	107 338	99 476
ASEAN	63 348	63 300	3 000	3 165	9 177
COMECON	0	0	0	0	0
EC	3 377 176	3 153 044	3 728 040	3 509 993	3 496 580
EFTA	423 590	438 887	43 000	42 900	42 500
G7	24 388 047	24 623 044	26 235 468	24 377 389	23 431 275
NAFTA	0	20 504 897	21 694 414	21 031 349	21 325 952
OECD	26 157 866	27 298 930	28 915 454	26 901 242	25 928 401
SADC	119 631	609 364	580 962	576 573	559 668

	in %	in %	in %	in %	in %
DC	13.90	12.90	11.15	13.54	13.21
LDC	0.09	0.09	0.08	0.07	0.07
WIC	59.60	62.69	64.62	61.93	59.28
CPE	13.74	12.95	12.59	13.13	14.27
NRC	12.67	11.37	11.56	11.33	13.18
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.28	0.30	0.29	0.25	0.23
ASEAN	0.14	0.15	0.01	0.01	0.02
COMECON	0.00	0.00	0.00	0.00	0.00
EC	7.53	7.35	8.45	8.22	8.14
EFTA	0.94	1.02	0.10	0.10	0.10
G7	54.37	57.36	59.50	57.06	54.53
NAFTA	0.00	47.77	49.20	49.23	49.63
OECD	58.32	63.60	65.58	62.97	60.34
SADC	0.27	1.42	1.32	1.35	1.30

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Talc

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	1 748 778	1 811 867	1 902 930	1 834 643	2 001 173
LDC	3 150	3 351	2 742	2 680	6 850
WIC	3 147 034	3 101 419	3 274 975	3 390 924	3 419 400
CPE	2 670 000	2 820 000	2 500 000	2 610 000	2 470 000
NCR	405 850	358 100	352 700	332 650	302 900
Total	7 974 812	8 094 737	8 033 347	8 170 897	8 200 323

of them:

ACP	1 499	2 399	2 460	1 456	1 373
ASEAN	50 411	45 000	80 541	71 668	30 500
COMECON	0	0	0	0	0
EC	507 093	522 327	1 205 143	1 447 029	1 452 541
EFTA	562 976	610 658	30 683	28 140	30 475
G7	2 323 469	2 213 679	2 350 195	2 234 523	2 235 635
NAFTA	0	1 079 725	1 148 650	1 079 414	1 140 000
OECD	3 133 949	3 102 710	3 275 245	3 382 487	3 406 216
SADC	1 499	16 108	17 190	19 993	24 557

	in %	in %	in %	in %	in %
DC	21.93	22.38	23.69	22.45	24.40
LDC	0.04	0.04	0.03	0.03	0.08
WIC	39.46	38.31	40.77	41.50	41.70
CPE	33.48	34.84	31.12	31.94	30.12
NRC	5.09	4.42	4.39	4.07	3.69
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.02	0.03	0.03	0.02	0.02
ASEAN	0.63	0.56	1.00	0.88	0.37
COMECON	0.00	0.00	0.00	0.00	0.00
EC	6.36	6.45	15.00	17.71	17.71
EFTA	7.06	7.54	0.38	0.34	0.37
G7	29.14	27.35	29.26	27.35	27.26
NAFTA	0.00	13.34	14.30	13.21	13.90
OECD	39.30	38.33	40.77	41.40	41.54
SADC	0.02	0.20	0.21	0.24	0.30

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Vermiculite

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	29 667	59 187	62 715	54 707	40 288
LDC	0	0	0	0	0
WIC	419 047	415 678	406 948	366 482	371 401
CPE	0	0	0	0	0
NCR	50 000	50 000	40 000	40 000	35 000
Total	498 714	524 865	509 663	461 189	446 689

of them:

ACP	6 993	9 297	14 199	10 699	15 291
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	205 000	192 000	185 000	180 000	160 000
NAFTA	0	177 300	170 200	170 225	150 350
OECD	205 200	192 500	185 400	180 625	160 750
SADC	5 032	231 662	235 490	196 331	225 842

	in %	in %	in %	in %	in %
DC	5.95	11.28	12.31	11.86	9.02
LDC	0.00	0.00	0.00	0.00	0.00
WIC	84.03	79.20	79.85	79.46	83.15
CPE	0.00	0.00	0.00	0.00	0.00
NRC	10.03	9.53	7.85	8.67	7.84
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	1.40	1.77	2.79	2.32	3.42
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	41.11	36.58	36.30	39.03	35.82
NAFTA	0.00	33.78	33.39	36.91	33.66
OECD	41.15	36.68	36.38	39.17	35.99
SADC	1.01	44.14	46.21	42.57	50.56

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Zircon

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	48 891	68 303	56 790	59 516	54 460
LDC	0	0	0	0	0
WIC	772 000	866 000	860 000	908 500	772 000
CPE	15 500	10 000	15 000	15 000	15 000
NCR	70 000	50 000	65 000	65 000	55 000
Total	906 391	994 303	996 790	1 048 016	896 460
of them:					
ACP	0	0	0	0	0
ASEAN	2 891	1 982	3 790	4 516	5 010
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	109 000	125 000	100 000	100 000	80 000
NAFTA	0	125 000	100 000	100 000	80 000
OECD	547 000	636 000	610 000	562 000	507 000
SADC	0	230 000	250 000	346 500	265 000
	in %	in %	in %	in %	in %
DC	5.39	6.87	5.70	5.68	6.08
LDC	0.00	0.00	0.00	0.00	0.00
WIC	85.17	87.10	86.28	86.69	86.12
CPE	1.71	1.01	1.50	1.43	1.67
NRC	7.72	5.03	6.52	6.20	6.14
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.32	0.20	0.38	0.43	0.56
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	12.03	12.57	10.03	9.54	8.92
NAFTA	0.00	12.57	10.03	9.54	8.92
OECD	60.35	63.96	61.20	53.63	56.56
SADC	0.00	23.13	25.08	33.06	29.56

6.3.5

Mineral Fuels Energierohstoffe

Hard Coal

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	332 690 836	347 740 892	364 620 832	403 848 515	421 068 954
LDC	1 670 729	1 548 294	1 428 300	1 546 340	1 492 000
WIC	1 408 366 960	1 481 265 438	1 500 773 726	1 500 016 620	1 549 695 612
CPE	1 314 500 000	1 197 500 000	1 407 200 000	1 451 300 000	1 440 700 000
NCR	564 792 608	534 596 400	518 593 471	501 657 705	462 273 698
Total	3 622 021 133	3 562 651 024	3 792 616 329	3 858 369 180	3 875 230 264
of them:					
ACP	6 883 924	6 206 167	6 207 710	6 692 330	6 896 749
ASEAN	29 401 509	32 605 059	39 743 977	49 112 356	55 857 526
COMECON	0	0	0	0	0
EC	153 598 927	123 513 854	132 242 599	124 725 297	119 602 987
EFTA	306 078	301 190	292 094	229 636	386 440
G7	977 832 649	1 036 081 348	1 042 287 247	1 061 579 617	1 082 653 987
NAFTA	0	926 191 585	926 533 705	958 169 838	985 379 976
OECD	1 226 090 783	1 291 852 935	1 303 888 888	1 302 434 105	1 339 588 268
SADC	6 627 614	201 761 607	210 222 634	212 782 341	225 274 069
	in %	in %	in %	in %	in %
DC	9.19	9.76	9.61	10.47	10.87
LDC	0.05	0.04	0.04	0.04	0.04
WIC	38.88	41.58	39.57	38.88	39.99
CPE	36.29	33.61	37.10	37.61	37.18
NRC	15.59	15.01	13.67	13.00	11.93
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.19	0.17	0.16	0.17	0.18
ASEAN	0.81	0.92	1.05	1.27	1.44
COMECON	0.00	0.00	0.00	0.00	0.00
EC	4.24	3.47	3.49	3.23	3.09
EFTA	0.01	0.01	0.01	0.01	0.01
G7	27.00	29.08	27.48	27.51	27.94
NAFTA	0.00	26.00	24.43	24.83	25.43
OECD	33.85	36.26	34.38	33.76	34.57
SADC	0.18	5.66	5.54	5.51	5.81

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Lignite

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	33 602 359	36 356 654	40 418 738	44 225 894	48 443 000
LDC	42 654	83 546	40 756	49 912	30 737
WIC	480 676 508	478 001 230	456 535 927	454 370 039	452 897 330
CPE	69 197 000	60 730 000	59 700 000	62 922 000	55 500 000
NCR	340 752 907	314 636 739	312 903 562	280 477 774	292 635 213
Total	924 271 428	889 808 169	869 598 983	842 045 619	849 506 280
of them:					
ACP	0	0	0	0	0
ASEAN	15 592 359	17 099 654	18 418 738	21 685 894	23 443 000
COMECON	0	0	0	0	0
EC	292 744 333	282 138 562	263 084 049	258 650 377	246 603 946
EFTA	1 691 175	1 368 717	0	0	0
G7	312 235 271	299 697 675	283 584 416	278 810 319	267 072 188
NAFTA	0	90 590 628	89 077 897	90 609 680	89 000 000
OECD	480 676 508	478 001 230	456 535 927	454 370 039	452 897 330
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	3.64	4.09	4.65	5.25	5.70
LDC	0.00	0.01	0.00	0.01	0.00
WIC	52.01	53.72	52.50	53.96	53.31
CPE	7.49	6.83	6.87	7.47	6.53
NRC	36.87	35.36	35.98	33.31	34.45
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	1.69	1.92	2.12	2.58	2.76
COMECON	0.00	0.00	0.00	0.00	0.00
EC	31.67	31.71	30.25	30.72	29.03
EFTA	0.18	0.15	0.00	0.00	0.00
G7	33.78	33.68	32.61	33.11	31.44
NAFTA	0.00	10.18	10.24	10.76	10.48
OECD	52.01	53.72	52.50	53.96	53.31
SADC	0.00	0.00	0.00	0.00	0.00

Natural Gas

Group	1993 Mio m3	1994 Mio m3	1995 Mio m3	1996 Mio m3	1997 Mio m3
DC	468 587	483 560	502 649	527 200	570 893
LDC	8 542	9 223	9 862	11 175	11 800
WIC	914 970	1 062 517	1 107 061	1 010 037	1 006 539
CPE	15 905	16 620	18 017	19 019	24 037
NCR	783 814	702 898	736 130	731 082	697 892
Total	2 191 818	2 274 818	2 373 719	2 298 513	2 311 161

of them:

ACP	12 556	12 821	14 001	14 369	13 722
ASEAN	116 820	125 584	141 810	147 200	152 694
COMECON	0	0	0	0	0
EC	194 410	182 027	211 353	241 155	227 799
EFTA	28 790	31 356	31 100	41 100	45 600
G7	764 365	906 605	951 381	827 692	831 766
NAFTA	0	839 518	854 037	720 085	723 542
OECD	914 970	1 088 517	1 133 061	1 039 937	1 035 539
SADC	560	580	600	500	450

	in %	in %	in %	in %	in %
DC	21.38	21.26	21.18	22.94	24.70
LDC	0.39	0.41	0.42	0.49	0.51
WIC	41.74	46.71	46.64	43.94	43.55
CPE	0.73	0.73	0.76	0.83	1.04
NRC	35.76	30.90	31.01	31.81	30.20
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.57	0.56	0.59	0.63	0.59
ASEAN	5.33	5.52	5.97	6.40	6.61
COMECON	0.00	0.00	0.00	0.00	0.00
EC	8.87	8.00	8.90	10.49	9.86
EFTA	1.31	1.38	1.31	1.79	1.97
G7	34.87	39.85	40.08	36.01	35.99
NAFTA	0.00	36.90	35.98	31.33	31.31
OECD	41.74	47.85	47.73	45.24	44.81
SADC	0.03	0.03	0.03	0.02	0.02

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Oil

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	1 838 832 788	1 851 818 017	1 875 467 124	1 920 322 288	2 000 937 792
LDC	12 948 198	19 861 558	21 656 937	20 181 000	20 524 000
WIC	727 634 801	763 300 095	820 831 619	861 198 610	868 869 710
CPE	151 899 000	152 800 000	158 320 654	165 775 900	171 961 500
NCR	450 083 759	374 263 079	382 862 199	361 726 520	411 722 660
Total	3 181 398 546	3 162 042 749	3 259 138 533	3 329 204 318	3 474 015 662

of them:

ACP	172 384 641	177 251 069	178 419 403	195 508 577	204 157 523
ASEAN	122 436 567	123 185 773	124 848 801	123 820 058	124 987 110
COMECON	0	0	0	0	0
EC	122 786 999	146 453 498	148 993 590	148 250 255	147 689 196
EFTA	115 593 716	127 145 822	133 004 175	158 400 000	160 800 000
G7	569 721 324	582 908 115	637 229 774	650 854 352	651 397 833
NAFTA	0	608 879 927	656 272 000	679 632 000	689 863 700
OECD	727 634 801	920 100 095	973 531 619	1 023 698 610	1 038 169 710
SADC	24 980 000	26 100 000	32 338 270	36 510 950	37 000 000

	in %	in %	in %	in %	in %
DC	57.80	58.56	57.54	57.68	57.60
LDC	0.41	0.63	0.66	0.61	0.59
WIC	22.87	24.14	25.19	25.87	25.01
CPE	4.77	4.83	4.86	4.98	4.95
NRC	14.15	11.84	11.75	10.87	11.85
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	5.42	5.61	5.47	5.87	5.88
ASEAN	3.85	3.90	3.83	3.72	3.60
COMECON	0.00	0.00	0.00	0.00	0.00
EC	3.86	4.63	4.57	4.45	4.25
EFTA	3.63	4.02	4.08	4.76	4.63
G7	17.91	18.43	19.55	19.55	18.75
NAFTA	0.00	19.26	20.14	20.41	19.86
OECD	22.87	29.10	29.87	30.75	29.88
SADC	0.79	0.83	0.99	1.10	1.07

Oil Shale

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	423 756	398 084	389 799	344 758	396 782
CPE	0	0	0	0	0
NCR	25 532 800	21 500 000	15 800 000	16 200 000	16 382 723
Total	25 956 556	21 898 084	16 189 799	16 544 758	16 779 505

of them:

ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	423 561	397 754	389 799	344 758	396 782
EFTA	195	330	0	0	0
G7	423 561	397 754	389 301	344 258	396 262
NAFTA	0	0	0	0	0
OECD	423 756	398 084	389 799	344 758	396 782
SADC	0	0	0	0	0

	in %	in %	in %	in %	in %
DC	0.00	0.00	0.00	0.00	0.00
LDC	0.00	0.00	0.00	0.00	0.00
WIC	1.63	1.82	2.41	2.08	2.36
CPE	0.00	0.00	0.00	0.00	0.00
NRC	98.37	98.18	97.59	97.92	97.64
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	1.63	1.82	2.41	2.08	2.36
EFTA	0.00	0.00	0.00	0.00	0.00
G7	1.63	1.82	2.40	2.08	2.36
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	1.63	1.82	2.41	2.08	2.36
SADC	0.00	0.00	0.00	0.00	0.00

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Uranium

Group	1993 metr.t.	1994 metr.t.	1995 metr.t.	1996 metr.t.	1997 metr.t.
DC	3 255	3 471	3 018	3 805	4 133
LDC	3 429	2 964	2 330	3 919	3 497
WIC	18 753	17 228	19 887	22 903	21 676
CPE	900	920	930	681	650
NCR	12 521	8 679	7 859	6 686	5 595
Total	38 858	33 262	34 024	37 994	35 551
of them:					
ACP	6 246	5 958	4 977	7 370	7 395
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	2 185	1 710	1 248	1 243	969
EFTA	0	0	0	0	0
G7	13 951	12 327	13 454	15 003	14 188
NAFTA	0	11 008	12 562	14 123	13 586
OECD	16 745	15 322	18 188	21 197	20 352
SADC	2 168	4 391	3 706	4 592	4 750
	in %	in %	in %	in %	in %
DC	8.38	10.44	8.87	10.01	11.63
LDC	8.82	8.91	6.85	10.31	9.84
WIC	48.26	51.79	58.45	60.28	60.97
CPE	2.32	2.77	2.73	1.79	1.83
NRC	32.22	26.09	23.10	17.60	15.74
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	16.07	17.91	14.63	19.40	20.80
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	5.62	5.14	3.67	3.27	2.73
EFTA	0.00	0.00	0.00	0.00	0.00
G7	35.90	37.06	39.54	39.49	39.91
NAFTA	0.00	33.09	36.92	37.17	38.22
OECD	43.09	46.06	53.46	55.79	57.25
SADC	5.58	13.20	10.89	12.09	13.36

Figures may not add to 100% due to rounding; Prozentangaben müssen durch Rundung nicht genau 100% ergeben

Abbreviation: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

6.4 *Production of Mineral Commodities of individual Countries, by Mineral Commodities*
Produktion mineralischer Rohstoffe der einzelnen Länder, nach Rohstoffen geordnet

6.4.1 *Iron and Ferro-Alloy Metals*
Eisen und Stahlveredler

Iron

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Albania	8 000	7 000	7 000	6 500	6 000	2n
Algeria	1 228 500	1 105 380	1 188 000	1 212 300	883 980	1e
Argentina	1 372	28 181	310	0	0	1h
Australia	75 334 406	80 950 590	90 049 680	92 698 830	100 583 910	1e
Austria	448 080	519 137	664 455	634 226	575 924	1e
Azerbaijan	300 000	300 000	0	0	0	2h
Bolivia	32 118	35 400	0	0	0	1a
Brazil	92 452 000	97 440 000	107 880 000	110 780 000	108 286 000	1a
Bulgaria	185 965	197 456	215 945	222 424	260 550	1a
Canada	19 349 200	22 329 660	22 343 080	21 965 400	22 744 000	2e
Chile	4 350 405	5 272 758	5 142 300	5 539 471	5 330 180	1e
China	75 091 200	74 880 000	79 680 000	80 000 000	79 680 000	2h
Colombia	326 865	365 800	350 000	382 632	442 474	1h
DPR Korea	4 500 000	4 500 000	4 000 000	3 800 000	3 700 000	2n
Egypt	985 423	1 741 050	1 094 944	1 000 000	1 233 000	1n
France	1 020 000	706 000	432 000	422 000	145 300	1e
Germany, Federal Rep.	20 400	20 400	9 600	14 600	32 046	1a
Guatemala	2 486	2 400	1 680	4 888	5 000	2n
India	36 208 620	38 110 270	37 788 000	38 856 000	46 900 000	2h
Indonesia	187 734	184 192	191 604	233 806	268 094	1a
Iran	5 625 900	5 561 600	4 836 000	5 008 500	4 828 300	1a
Japan	10 621	3 058	1 301	3 563	1 537	1a
Kazakhstan	13 130 000	13 458 000	18 525 000	16 250 000	13 700 000	2h
Korea, Republic of	133 070	107 135	103 288	100 000	100 000	2n
Malaysia	140 394	202 682	181 972	285 294	269 087	1h
Mauritania	6 279 000	6 722 300	7 484 100	7 252 700	7 500 000	2n
Mexico	4 477 561	4 412 954	4 500 089	4 887 562	5 023 826	1e
Morocco	39 800	38 110	27 383	7 105	7 207	1e
New Zealand	1 521 000	1 200 600	1 370 074	1 353 578	1 450 000	2h
Nigeria	100 000	100 000	90 000	80 000	72 484	1h
Norway	1 531 552	1 650 000	1 458 300	1 117 651	1 626 000	1a
Pakistan	1 164	2 504	0	0	2 015	1a
Peru	3 474 378	4 636 628	3 948 200	2 915 691	2 965 889	1e
Portugal	6 114	5 409	5 417	7 876	7 933	1a
Romania	169 000	165 050	159 000	159 250	110 373	1a
Russia	41 250 000	40 319 400	43 065 000	39 655 000	38 940 000	2h
Saudi Arabia	0	0	155 000	139 160	110 000	2n

Slovakia	162 740	289 400	261 027	256 000	264 174	1e
South Africa, Rep. of	19 100 360	21 008 790	20 908 365	18 497 940	19 920 000	1e
Spain	1 113 750	917 000	944 000	1 269 000	580 000	1e
Sweden	11 900 790	12 584 384	10 678 841	9 416 960	9 809 205	1a
Thailand	129 500	88 533	34 480	85 880	44 000	1h
Tunisia	159 300	129 600	121 500	129 060	136 080	1e
Turkey	2 433 600	3 867 271	3 303 888	4 205 498	4 112 421	1a
Ukraine	45 500 000	51 464 000	50 400 000	47 600 000	53 000 000	2h
United Kingdom	253	299	230	276	276	2e
United States	35 116 000	36 788 000	39 577 000	38 000 000	38 000 000	2n
Uruguay	0	0	735	845	2 210	1a
Venezuela	10 628 775	11 535 922	12 274 920	13 130 460	15 775 200	2h
Yugoslavia	110 000	84 900	96 200	150 000	150 000	2n
Zimbabwe	224 696	210 000	186 811	194 365	287 419	1e
Total	516 502 092	546 249 203	575 736 719	569 932 291	589 872 094	

Chromium

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Afghanistan	0	0	4 200	4 500	3 250	1a
Albania	32 911	11 381	30 892	30 402	22 000	1a
Argentina	2	10	0	0	0	1h
Brazil	134 000	149 000	175 667	216 600	112 274	1a
China	70 000	32 000	80 000	80 000	75 000	2n
Cuba	16 000	14 850	10 131	12 309	14 553	1e
Finland	255 459	286 374	298 837	291 087	350 648	1a
Greece	3 697	1 960	2 000	11 729	5 050	1e
India	468 518	461 701	460 000	538 182	644 000	2h
Indonesia	0	0	0	0	2 156	1e
Iran	48 000	51 450	57 500	65 600	62 145	1a
Japan	2 240	2 240	2 000	2 000	1 800	2n
Kazakhstan	1 277 100	1 403 520	1 039 310	511 700	430 000	2h
Madagascar	29 890	44 198	49 000	67 130	58 800	1h
Morocco	140	140	0	0	0	1e
Myanmar	200	200	200	150	130	2n
Oman	4 094	2 480	2 120	6 100	7 160	1h
Pakistan	6 190	2 496	5 968	12 620	7 478	1a
Philippines	7 574	10 881	13 316	18 524	16 673	1h
Russia	54 000	54 000	67 500	43 515	65 250	2h
South Africa, Rep. of	1 220 359	1 547 773	2 337 667	2 137 506	2 468 629	1e
Sudan	6 500	5 150	9 900	7 500	13 300	1e
Turkey	380 900	495 468	409 500	547 403	812 793	1a
Viet Nam	1 500	1 500	1 400	1 300	1 300	2n
Yugoslavia	2 500	2 500	0	0	0	1n
Zimbabwe	113 415	231 300	318 345	296 287	301 390	1e
Total	4 135 189	4 812 572	5 375 453	4 902 144	5 475 779	

Cobalt

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Albania	26	0	0	0	0	1a
Australia	600	2 100	2 400	2 500	2 500	2d
Botswana	205	223	271	405	348	1n
Canada	2 370	2 692	2 016	2 190	2 200	2e
China	300	300	250	400	450	2n
Cuba	1 200	1 500	2 045	1 600	1 950	2d
Finland	155	0	0	0	0	1a
Kazakhstan	0	1 394	300	300	300	2h
Morocco	397	419	535	554	785	1e
Russia	2 500	3 000	3 300	3 500	3 300	2h
South Africa, Rep. of	243	258	190	244	319	1e
Zaire	2 200	3 631	3 967	4 041	3 153	2h
Zambia	4 797	3 705	2 482	5 126	5 126	1n
Zimbabwe	113	126	189	106	126	1e
Total	15 106	19 348	17 945	20 966	20 557	

Manganese

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	1 057 440	953 280	1 044 480	1 012 320	1 647 000	1e
Brazil	602 800	840 000	840 000	852 000	849 600	1a
Bulgaria	4 002	3 000	5 600	13 059	14 215	1a
Chile	18 565	19 026	20 188	18 866	19 102	1e
China	568 000	952 000	1 180 000	1 000 000	1 200 000	2d
Colombia	160	160	150	140	130	2n
Egypt	0	0	1 207	1 300	1 500	2n
Gabon	730 000	832 000	1 014 000	1 031 116	988 000	1e
Georgia	300 000	250 000	200 000	97 000	35 112	1h
Ghana	123 650	95 372	74 760	106 576	132 977	1n
Greece	2 082	1 768	2 035	2 572	1 800	1e
Hungary	12 000	9 488	9 132	8 437	12 900	1a
India	598 011	624 298	640 000	681 806	706 800	2h
Indonesia	15 000	15 500	16 000	17 375	18 600	1e
Iran	24 320	24 000	29 920	32 300	45 900	1a
Italy	8 176	1 868	1 612	1 457	2 128	1a
Kazakhstan	50 000	100 000	128 430	129 000	120 000	2h
Korea, Republic of	100	0	0	0	0	1a
Mexico	116 000	91 272	140 662	173 380	192 825	1e
Morocco	19 375	13 815	12 592	13 260	13 863	1e
Namibia	0	30 000	46 739	45 250	17 104	1n
Pakistan	0	90	0	0	0	1a
Philippines	6 085	800	0	0	0	1e
Romania	26 250	27 195	26 245	29 442	20 647	1a
South Africa, Rep. of	1 002 675	1 226 000	1 392 740	1 393 229	1 341 884	1e
Thailand	2 900	2 900	3 478	3 095	3 500	2n
Ukraine	1 500 000	1 000 000	1 100 000	1 040 000	1 030 000	1h
Total	6 787 591	7 113 832	7 929 970	7 702 980	8 415 587	

Molybdenum

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Armenia	500	500	500	670	680	2h
Canada	10 006	9 541	9 113	8 169	7 540	2e
Chile	15 393	15 949	17 885	17 414	21 339	1e
China	12 000	18 667	17 500	18 000	25 000	2d
Iran	1 200	1 700	1 655	2 600	2 600	1a
Kazakhstan	700	534	400	400	400	2h
Korea, Republic of	0	4	0	0	0	1a
Mexico	1 705	2 613	3 883	4 211	4 842	1e
Mongolia	1 455	1 500	1 500	2 000	2 200	2d
Peru	4 777	4 631	3 411	3 667	3 835	1e
Russia	4 800	4 800	4 500	4 000	4 000	2h
United States	36 803	46 810	60 877	54 900	55 500	2h
Uzbekistan	1 000	700	500	700	650	2d
Total	90 339	107 949	121 724	116 731	128 586	

Nickel

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	74 000	82 000	102 000	113 000	134 000	1e
Botswana	28 808	17 468	15 294	17 461	20 600	1f
Brazil	15 750	16 508	15 676	16 432	18 199	1a
Canada	180 763	105 144	119 600	127 439	180 600	2e
China	31 000	31 200	36 000	43 000	39 900	1f
Colombia	20 168	20 840	24 567	21 092	24 774	1h
Cuba	29 157	26 700	42 696	53 700	61 500	1e
Dominican Republic	13 444	30 562	30 890	30 387	32 500	1f
Finland	14 777	15 900	3 548	3 078	3 043	1a
Greece	12 275	16 182	17 155	17 801	17 609	1e
Indonesia	39 666	46 040	50 267	68 537	56 599	1a
Kazakhstan	0	0	9 900	9 800	10 000	2h
Macedonia	4 493	3 980	5 200	4 500	4 900	1e
Myanmar	259	226	170	0	0	1e
New Caledonia	98 100	97 300	120 700	124 800	114 400	1f
Norway	3 500	2 938	2 892	2 820	2 435	1a
Philippines	7 663	9 985	15 074	14 700	17 400	1h
Russia	196 400	215 000	200 000	190 000	260 000	2h
South Africa, Rep. of	29 868	30 135	29 602	33 861	34 830	1e
Ukraine	2 500	2 396	2 200	500	0	1h
United States	2 464	2 000	1 557	1 500	1 500	1f
Yugoslavia	3 000	4 000	1 200	2 500	2 700	1f
Zimbabwe	11 097	13 800	10 864	9 694	10 134	1e
Total	819 152	790 304	857 052	906 602	1 047 623	

Tantalum-Columbium

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	250	246	275	280	290	2n
Bolivia	4	2	6	6	7	1a
Brazil	30 200	31 625	42 968	48 000	45 385	1a
Canada	5 800	5 700	5 700	5 000	4 500	2n
Ethiopia	26	35	35	53	60	1e
Malaysia	1 077	0	0	0	0	1h
Nigeria	40	40	20	20	20	2d
Rwanda	100	100	100	99	256	1a
Zaire	30	30	20	10	10	2n
Zimbabwe	48	7	0	0	0	1e
Total	37 575	37 785	49 124	53 468	50 528	

Titanium

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	1 042 468	1 176 356	1 279 650	1 287 480	1 472 612	1e
Brazil	43 800	54 528	57 113	60 000	54 216	1a
Canada	900 000	752 400	750 000	700 000	650 000	2n
China	110 000	78 000	80 000	80 000	100 000	2h
Egypt	2 016	2 000	9 329	9 400	9 300	2n
India	150 000	170 000	150 000	160 000	155 000	2n
Kazakhstan	0	0	9 592	12 500	13 000	2h
Malaysia	153 423	63 737	64 477	69 883	70 000	2n
Norway	315 196	366 008	368 208	329 840	246 903	1a
Russia	10 000	10 000	16 000	21 000	26 000	1h
Sierra Leone	184 636	171 009	174 901	160 000	150 000	2n
South Africa, Rep. of	550 000	550 000	830 000	930 000	1 040 000	1n
Sri Lanka	34 500	34 312	32 000	36 030	21 940	1a
Thailand	10 950	950	0	0	0	1a
Ukraine	180 000	224 283	200 000	200 000	200 000	2h
United States	150 000	165 000	150 000	150 000	130 000	2n
Viet Nam	9 000	22 500	36 000	36 000	35 000	2n
Total	3 845 989	3 841 083	4 207 270	4 242 133	4 373 971	

Tungsten

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	23	23	0	0	0	1e
Austria	120	0	957	1 805	1 916	1e
Bolivia	330	582	826	733	647	1a
Brazil	100	90	100	100	51	1a
China	20 000	16 000	20 000	26 000	24 000	1f
DPR Korea	800	800	600	500	450	2n
India	3	3	0	0	0	1h

Japan	66	0	0	0	0	1a
Kazakhstan	500	154	288	280	200	2h
Malaysia	1	1	1	0	0	1h
Mexico	0	0	287	188	179	1e
Mongolia	14	0	0	32	0	1e
Myanmar	109	92	144	23	14	1h
Peru	388	259	728	331	279	1e
Portugal	768	60	873	776	1 029	1a
Russia	3 500	2 000	2 000	600	500	1h
Rwanda	150	65	85	104	78	1a
Tajikistan	150	150	100	75	50	2d
Thailand	105	116	92	67	54	1h
Uganda	60	65	65	60	40	1e
United States	150	100	100	100	100	2d
Uzbekistan	0	0	300	300	300	2d
Zimbabwe	0	0	0	0	2	1e
Total	27 337	20 560	27 546	32 074	29 889	

Vanadium

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
China	5 000	8 500	5 000	5 500	7 000	2d
Kazakhstan	0	0	900	900	900	2h
Russia	11 603	10 000	10 500	10 000	11 000	2h
South Africa, Rep. of	16 800	16 000	15 500	14 800	16 000	2d
United States	5 118	1 500	1 991	2 700	2 500	2n
Total	38 521	36 000	33 891	33 900	37 400	

6.4.2

Non-Ferrous Metals

Nichteisenmetalle

Aluminium

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Argentina	172 900	180 000	180 000	170 000	183 700	1f
Australia	1 406 000	1 318 000	1 297 000	1 371 000	1 589 000	1e
Azerbaijan	4 100	4 000	4 000	6 000	4 717	1h
Bahrain	448 260	449 419	460 000	460 000	489 900	1f
Brazil	1 174 500	1 185 000	1 180 000	1 200 000	1 189 000	1a
Cameroon	86 500	78 000	79 300	82 300	90 900	1f
Canada	2 300 000	2 254 683	2 171 992	2 283 000	2 327 200	1f
China	1 220 400	1 446 000	1 870 000	1 780 000	2 050 000	2h
Dubai (UAE)	231 801	230 000	247 000	135 000	250 000	1h
Egypt	180 000	188 464	180 300	179 200	178 200	1f
France	431 913	438 000	372 200	386 000	399 300	1e
Germany, Federal Rep.	551 931	504 000	575 000	576 492	571 940	1a
Ghana	174 100	140 700	135 400	137 000	151 600	1f
Greece	146 800	144 300	131 000	141 295	141 500	1e
Hungary	22 580	29 400	32 000	32 000	33 671	1a
Iceland	94 500	99 000	177 900	103 900	122 900	1f
India	463 934	476 521	465 000	497 540	547 400	1f
Indonesia	202 197	220 000	0	0	0	1a
Iran	91 500	110 000	220 000	253 000	107 000	1a
Italy	129 732	175 600	197 750	192 833	187 700	1f
Japan	18 263	16 956	18 034	16 959	16 694	1a
Mexico	24 806	0	0	0	0	1e
Netherlands	231 800	219 400	215 600	227 000	231 800	1f
New Zealand	266 900	272 200	269 000	260 000	310 200	1f
Norway	867 000	862 000	847 000	863 000	918 600	1f
Poland	46 900	49 400	52 000	52 100	53 614	1a
Russia	2 800 800	2 670 000	2 790 000	2 150 000	2 380 000	2h
Slovakia	40 000	32 800	60 561	70 000	110 100	1e
Slovenia	75 000	74 282	35 595	100 316	74 400	1f
South Africa, Rep. of	175 667	172 111	233 000	617 000	682 900	1f
Spain	364 256	338 000	361 000	361 826	359 900	1f
Suriname	30 100	26 700	28 100	26 000	23 100	1f
Sweden	82 400	83 900	95 170	100 000	99 000	1a
Switzerland	36 400	24 200	20 700	20 000	27 300	1a
Tajikistan	253 000	250 000	230 000	198 000	188 900	1f
Turkey	58 501	59 700	61 500	62 100	62 000	1f
Ukraine	104 000	100 000	90 000	90 000	100 000	1h
United Kingdom	239 099	231 200	238 000	240 000	247 700	2e
United States	3 695 000	3 299 000	3 375 000	3 577 000	3 600 000	2h
Venezuela	570 000	590 000	637 000	629 268	640 800	1f
Yugoslavia	25 778	6 850	26 000	51 100	80 600	1f
Total	19 539 318	19 049 786	19 659 102	19 698 229	20 823 236	

Antimony

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	2 300	1 300	1 700	1 300	1 300	1f
Bolivia	4 155	7 050	6 426	6 488	5 985	1a
Canada	622	643	574	1 405	652	1f
China	60 000	91 000	91 000	99 000	101 000	2h
Guatemala	600	230	640	1 088	880	1f
Kyrgystan	1 600	2 500	2 500	2 500	2 500	2f
Mexico	1 494	1 758	1 783	983	1 909	1e
Pakistan	5	0	0	0	0	1a
Peru	219	379	230	305	242	1h
Russia	6 000	7 000	6 500	7 000	6 000	2h
South Africa, Rep. of	4 111	4 534	5 537	5 137	3 415	1e
Tajikistan	1 200	1 000	800	500	600	2h
Thailand	908	696	522	149	64	1f
Turkey	59	357	744	1 163	810	1a
United States	0	0	0	242	240	2n
Zimbabwe	95	65	37	15	0	1e
Total	83 368	118 512	118 993	127 275	125 597	

Arsenic

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Bolivia	663	341	362	255	282	1a
Chile	6 242	6 000	6 000	6 500	9 000	2d
China	13 000	13 000	13 000	13 000	15 000	2d
Iran	200	118	30	20	75	1a
Japan	500	500	500	450	420	2n
Kazakhstan	2 000	2 000	1 586	1 500	1 500	2d
Mexico	4 447	4 440	3 620	2 942	2 999	1e
Namibia	2 290	2 775	1 246	1 505	2 000	2d
Peru	390	286	274	320	837	1h
Philippines	2 000	2 000	2 000	2 000	2 000	2d
Portugal	150	0	0	0	0	1a
Russia	2 000	2 000	1 500	1 500	1 500	2d
Sweden	400	200	0	0	0	1a
Total	34 282	33 660	30 118	29 992	35 613	

Bauxite

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Albania	0	3 613	0	0	4 454	1a
Australia	41 255 000	42 159 000	42 655 000	43 063 000	44 878 000	1e
Brazil	9 356 000	8 673 000	8 673 000	12 260 000	11 671 000	1a
China	3 500 000	3 700 000	4 500 000	5 500 000	8 000 000	2h
Colombia	1 800	1 800	2 000	2 000	1 500	2n
Croatia	8 000	7 200	11 700	7 000	8 000	1a
France	0	0	75 000	81 000	80 000	1e

Germany, Federal Rep.	328	0	0	0	0	1a
Ghana	364 642	451 802	513 000	473 000	519 000	1f
Greece	2 205 498	2 196 371	2 200 215	2 451 734	1 676 979	1e
Guinea	16 935 585	16 500 000	13 764 194	13 800 000	19 250 000	1f
Guyana	2 126 000	2 089 000	1 878 000	2 254 000	2 561 000	1h
Hungary	1 561 200	835 700	521 400	504 000	380 900	1a
India	5 408 042	4 704 642	5 163 000	5 930 640	5 800 000	1f
Indonesia	1 320 418	1 342 400	904 458	841 976	808 749	1a
Iran	100 000	68 000	148 000	160 000	145 000	1a
Italy	90 100	23 400	11 000	0	0	1f
Jamaica	11 184 000	11 871 000	10 871 000	11 757 000	11 988 000	1e
Kazakhstan	1 700 000	2 425 000	3 319 000	3 140 000	3 100 000	2h
Malaysia	68 824	161 919	184 433	218 680	279 000	1f
Mozambique	6 034	9 620	11 000	12 000	8 000	1f
Pakistan	4 462	4 573	4 460	2 280	3 179	1a
Romania	184 500	184 000	175 000	175 800	117 100	1a
Russia	4 260 000	3 633 000	3 000 000	3 000 000	3 350 000	2h
Sierra Leone	1 793 200	735 000	728 000	700 000	600 000	2n
Suriname	3 156 100	3 200 000	3 502 132	4 000 000	3 877 000	1f
Turkey	538 439	373 381	232 278	285 570	210 548	1a
United States	45 000	40 000	0	0	0	1f
Venezuela	2 530 336	4 667 420	5 183 000	5 109 122	5 500 000	1e
Yugoslavia	75 000	40 000	150 000	323 000	470 000	1f
Total	109 778 508	110 100 841	108 380 270	116 051 802	125 287 409	

Bismuth

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Bolivia	7	0	19	0	55	1a
Canada	157	152	159	157	185	2d
China	240	200	400	500	600	2h
Italy	0	5	0	0	0	1a
Japan	497	500	600	560	474	1h
Kazakhstan	50	117	33	33	33	2h
Mexico	908	1 047	988	1 070	1 642	1e
Peru	903	871	581	939	774	1h
Russia	0	0	50	50	50	2h
Tajikistan	16	10	8	8	7	2n
Uzbekistan	10	10	10	10	5	2d
Total	2 788	2 912	2 848	3 327	3 825	

Cadmium

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Algeria	18	15	15	14	15	2n
Argentina	80	68	82	127	162	1f
Australia	2 250	910	950	950	632	1f
Bolivia	4	3	0	0	0	1a
Brazil	135	135	162	150	162	1f
Bulgaria	266	159	305	350	275	1a
Canada	1 242	2 173	1 686	2 537	3 083	1f

China	1 580	1 460	1 296	1 200	1 300	1f
DPR Korea	200	200	200	150	204	1f
Finland	785	580	535	648	490	1a
France	585	500	670	650	975	1e
Honduras	113	46	45	45	40	2n
India	249	216	254	256	296	1f
Italy	517	475	308	300	287	1f
Japan	2 832	2 614	2 652	2 343	2 373	1f
Kazakhstan	1 000	995	1 209	1 200	1 200	2h
Korea, Republic of	0	0	908	930	930	1f
Mexico	1 924	1 870	1 756	1 813	1 872	1e
Namibia	13	19	15	10	2	1f
Norway	160	135	296	300	290	1f
Peru	472	507	560	550	562	1h
Poland	230	230	252	204	233	1a
Russia	742	582	725	730	790	2h
Spain	330	360	397	297	301	1f
Turkey	21	36	36	36	86	1f
United Kingdom	0	0	549	537	455	1f
United States	1 094	1 011	1 266	1 525	1 750	2d
Yugoslavia	80	70	70	60	80	1f
Zaire	12	0	0	0	0	1f
Total	16 934	15 369	17 199	17 912	18 845	

Copper

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Afghanistan	0	0	4 250	6 000	3 550	1a
Albania	13 922	8 693	16 664	10 807	870	1a
Argentina	0	0	0	0	30 000	2h
Armenia	4 000	5 000	7 000	6 951	6 758	1h
Australia	360 000	391 000	437 000	525 000	580 000	1e
Bolivia	94	79	127	92	182	1a
Botswana	20 197	21 563	19 140	20 979	20 700	1f
Brazil	43 568	39 674	49 000	46 200	39 952	1a
Bulgaria	62 498	75 500	90 000	105 610	109 240	1a
Canada	698 799	549 869	700 843	559 902	646 500	2e
Chile	2 033 325	2 219 900	2 504 000	3 144 200	3 438 000	1e
China	370 000	345 700	350 000	400 000	435 000	1f
Colombia	4 000	3 568	3 500	3 000	2 520	1h
Cuba	1 500	2 000	1 852	2 227	2 212	1e
Cyprus	121	0	0	1 688	3 950	1e
Czech Republic	200	0	0	0	0	1a
DPR Korea	12 000	12 000	12 000	10 000	12 000	1f
Finland	15 303	12 408	9 065	9 055	8 259	1a
France	70	174	172	170	196	1e
Georgia	2 000	1 500	1 200	2 000	4 000	1f
Honduras	900	1 000	1 000	1 000	900	2n
India	55 596	52 920	38 300	38 000	48 000	1f
Indonesia	309 744	372 914	530 814	619 116	644 246	1a
Iran	86 600	100 040	105 710	113 770	110 000	1a
Japan	10 277	6 043	2 376	1 145	932	1a
Kazakhstan	260 000	276 000	242 800	245 000	316 000	2h
Korea, Republic of	0	0	30	35	0	1f
Macedonia	7 534	7 140	8 560	8 484	8 200	1e

Malaysia	25 182	25 267	20 751	20 671	18 900	1f
Mexico	303 989	305 487	339 347	327 978	338 933	1e
Mongolia	140 700	119 200	120 200	121 000	127 000	1h
Morocco	12 990	13 018	12 497	13 168	13 070	1e
Mozambique	259	0	0	0	0	1f
Myanmar	5 579	7 620	8 357	5 813	4 390	1h
Namibia	32 941	29 365	29 203	18 306	20 300	1f
Nepal	4	4	4	3	0	2n
Norway	8 868	7 412	6 797	7 389	6 670	1a
Oman	8 800	4 300	0	0	0	1h
Papua New Guinea	203 945	206 329	212 737	186 715	111 515	1h
Peru	381 250	365 513	409 693	485 595	502 970	1e
Philippines	136 349	112 075	102 637	61 615	48 638	1h
Poland	428 000	423 000	433 000	425 000	440 644	1a
Portugal	150 431	130 225	130 041	107 773	106 580	1a
Romania	26 653	20 100	19 088	18 149	17 419	1a
Russia	594 000	545 500	591 000	620 000	505 000	2h
Saudi Arabia	925	919	814	786	703	1h
Slovakia	1 121	570	400	913	691	1a
South Africa, Rep. of	166 348	165 213	159 475	152 062	153 058	1e
Spain	3 518	4 940	22 359	38 397	38 281	1e
Sweden	88 909	79 384	83 603	71 554	86 610	1a
Turkey	23 879	29 891	33 700	53 607	39 675	1a
United States	1 310 847	1 323 038	1 310 625	1 344 862	1 920 000	2h
Uzbekistan	50 000	69 600	40 000	64 000	65 000	2d
Yugoslavia	78 000	94 500	87 575	82 526	82 500	1f
Zaire	47 500	30 000	35 512	38 900	37 700	1f
Zambia	367 500	380 000	299 900	324 200	315 700	1f
Zimbabwe	8 187	9 400	8 045	9 028	6 832	1e
Total	8 978 922	9 006 555	9 652 763	10 480 441	11 480 946	

Gallium

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
China	8	8	2	2	5	2d
Hungary	7	6	4	5	5	1a
Japan	6	6	6	5	5	2n
Total	21	20	12	12	15	

Germanium

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
China	7	6	8	8	9	2n
Japan	14	0	0	0	0	1a
Russia	10	10	9	9	8	2n
United States	16	16	19	18	20	2d
Total	47	32	36	35	37	

Lead

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Algeria	900	700	1 383	1 016	1 342	1e
Argentina	11 826	9 952	10 521	11 272	13 700	2h
Armenia	200	50	0	0	0	1h
Australia	507 000	505 000	455 000	522 000	571 000	1e
Austria	2 047	0	0	0	0	1e
Bolivia	21 220	19 678	20 387	16 538	18 608	1a
Brazil	4 000	4 000	6 000	5 000	8 729	1a
Bulgaria	56 997	49 341	46 466	43 000	41 269	1a
Canada	232 000	251 640	281 391	310 162	170 400	1e
Chile	347	500	944	1 374	1 264	1e
China	357 000	352 000	396 000	410 000	488 900	1f
Colombia	310	188	200	100	100	2n
Czech Republic	100	0	0	0	0	1a
DPR Korea	65 000	55 000	55 000	40 000	40 000	1f
Georgia	1 000	800	600	500	400	2n
Greece	28 812	28 404	21 629	9 704	16 420	1a
Honduras	3 800	2 810	2 500	4 700	5 900	1f
India	37 000	32 049	24 250	30 000	28 700	1f
Iran	14 700	18 300	15 900	18 000	17 600	1a
Ireland	48 300	53 700	46 100	45 300	45 100	1e
Italy	8 011	20 455	22 658	21 000	17 630	1a
Japan	16 470	9 900	9 659	7 753	5 227	1a
Kazakhstan	70 000	90 000	85 000	68 900	35 000	2h
Kenya	253	210	252	250	0	1f
Korea, Republic of	7 209	4 345	4 064	5 200	3 600	1f
Macedonia	36 080	30 464	29 749	29 030	30 690	1e
Mexico	181 741	163 836	179 740	167 114	180 349	1e
Morocco	71 113	64 798	63 011	66 698	68 514	1e
Myanmar	1 561	1 547	1 862	1 130	782	1h
Namibia	31 236	31 815	26 752	24 416	17 000	1f
Norway	2 245	3 598	296	274	231	1f
Peru	224 695	235 042	237 597	248 929	258 189	1e
Poland	69 000	85 000	70 000	66 000	71 000	1a
Portugal	100	100	100	90	0	1a
Romania	8 594	8 545	6 213	6 285	6 191	1a
Russia	44 400	40 000	38 000	30 000	20 000	2h
Slovenia	913	524	0	0	0	1f
South Africa, Rep. of	100 171	95 824	87 965	88 613	83 114	1e
Spain	25 000	24 000	30 000	24 000	23 000	1e
Sweden	111 709	112 787	100 070	98 064	108 610	1a
Tajikistan	1 600	1 200	1 000	1 000	900	2n
Thailand	5 978	7 859	9 576	8 686	5 040	1h
Tunisia	1 000	2 800	6 160	4 480	2 000	1e
Turkey	10 900	9 800	2 500	12 000	12 000	1f
United Kingdom	1 000	2 000	1 600	1 800	2 000	2e
United States	362 400	370 225	393 640	435 945	450 000	2h
Uzbekistan	30 200	18 500	10 000	10 000	3 000	2d
Yugoslavia	9 229	9 000	15 000	16 000	14 000	1f
Zambia	5 967	1 000	0	0	0	1f
Total	2 831 334	2 829 286	2 816 735	2 912 323	2 887 499	

Lithium

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	3 195	3 100	6 240	6 500	6 600	2n
Brazil	90	90	32	32	30	2d
Canada	450	450	400	660	690	2d
Chile	4 358	4 220	4 220	5 733	9 803	1e
China	1 000	1 000	900	800	750	2n
Namibia	30	0	104	50	0	1n
Portugal	266	170	131	114	86	1a
Russia	1 600	1 600	800	800	800	2h
United States	4 500	4 000	4 000	4 000	3 500	2n
Zimbabwe	452	700	837	773	1 246	1e
Total	15 941	15 330	17 664	19 462	23 505	

Mercury

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Algeria	459	448	295	368	447	1e
Australia	5	5	4	4	0	1f
China	467	510	547	500	341	1f
Finland	98	89	90	88	63	1a
Kyrgystan	250	449	400	596	611	1h
Mexico	20	10	10	0	0	1e
Nepal	0	0	0	0	1	2n
Russia	60	50	40	40	40	2n
Slovenia	9	0	4	0	0	1f
Spain	643	345	620	862	413	1e
Tajikistan	80	70	60	60	50	2n
Ukraine	80	41	50	50	45	2n
United States	30	15	0	0	0	1f
Total	2 201	2 032	2 120	2 568	2 011	

Rare Earths Concentrates

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	6 000	3 300	3 000	2 000	1 000	2n
Brazil	770	800	400	200	400	2d
China	29 200	29 000	30 000	55 000	50 000	2d
DPR Korea	1 500	1 500	1 000	900	800	2n
India	4 300	2 500	2 500	2 700	2 700	2d
Madagascar	5	5	4	3	0	1e
Malaysia	429	426	814	618	600	2n
South Africa, Rep. of	1 250	700	300	0	0	1e

Sri Lanka	200	200	120	120	120	2d
Thailand	220	65	50	0	0	1a
United States	20 000	20 000	22 239	20 400	20 400	2d
Zaire	60	28	30	10	5	1f
Total	63 934	58 524	60 457	81 951	76 025	

Tellurium

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Canada	31	30	91	62	60	2d
Japan	47	47	50	45	40	2d
Mongolia	4	3	3	0	2	2d
Peru	17	28	30	25	24	1h
United States	90	90	90	90	90	1h
Total	189	198	264	222	216	

Tin

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	7 993	7 400	8 175	8 828	10 100	1e
Bolivia	18 634	16 027	14 419	14 802	12 898	1a
Brazil	25 900	16 900	20 767	23 178	18 291	1a
China	46 000	54 100	54 000	50 000	55 400	1f
India	40	18	18	31	16	2n
Indonesia	28 585	30 610	45 908	51 029	53 036	1e
Kazakhstan	100	24	4	4	4	2h
Laos	176	270	102	100	100	1f
Malaysia	10 384	6 458	6 355	6 922	5 100	1f
Mexico	3	3	1	2	5	1e
Mongolia	58	58	58	37	55	2n
Myanmar	346	544	492	233	141	1h
Namibia	6	1	2	2	0	1f
Niger	18	20	17	23	25	2n
Nigeria	300	300	300	2 700	2 700	1f
Peru	14 310	20 275	22 331	27 004	27 952	1e
Portugal	5 334	4 332	4 627	4 637	3 566	1a
Russia	7 700	5 000	9 000	8 000	7 500	2h
Rwanda	0	0	0	208	0	1a
South Africa, Rep. of	452	43	0	0	0	1e
Spain	2	5	2	2	4	1e
Tanzania	9	6	3	0	0	1f
Thailand	4 581	2 827	1 585	1 049	756	1h
Uganda	18	5	5	5	4	1e
United Kingdom	2 232	1 900	2 000	2 100	2 400	2e
United States	100	0	0	0	0	1f
Viet Nam	3 500	4 000	3 600	4 500	4 800	1f
Zaire	700	100	0	0	0	2n
Zimbabwe	657	82	0	0	0	1e
Total	178 138	171 308	193 771	205 396	204 853	

Zinc

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Algeria	3 672	3 050	3 874	3 192	3 661	1e
Argentina	31 395	26 915	32 104	31 093	29 000	2h
Armenia	300	100	0	557	610	1h
Australia	1 011 000	955 000	930 000	1 071 000	1 038 000	1e
Austria	20 014	0	0	0	0	1e
Bolivia	124 638	100 742	146 130	145 092	154 491	1a
Brazil	150 000	187 304	193 976	177 466	152 634	1a
Bulgaria	53 924	32 407	30 000	25 745	70 420	1a
Canada	998 234	690 965	720 346	717 675	1 017 100	2e
Chile	29 716	32 000	35 403	36 004	33 343	1e
China	775 000	755 000	1 077 000	1 119 000	900 000	1f
Czech Republic	1 500	100	0	0	0	1a
DPR Korea	115 000	90 000	90 000	80 000	8 000	1f
Finland	23 755	16 916	18 454	28 264	34 287	1a
France	13 800	0	0	0	0	1e
Georgia	2 000	2 000	1 800	2 000	2 400	1f
Greece	24 854	17 000	19 534	9 010	15 330	1a
Honduras	24 300	16 700	27 100	28 000	26 000	2n
India	144 443	142 154	130 000	146 754	136 900	1f
Iran	70 100	72 900	73 950	62 000	81 950	1a
Ireland	194 100	194 000	183 500	164 500	193 200	1e
Italy	7 100	22 900	24 455	20 100	15 415	1a
Japan	118 599	100 653	95 274	79 709	71 569	1a
Kazakhstan	210 000	172 600	168 300	168 500	225 000	2h
Korea, Republic of	13 967	14 243	7 747	8 300	9 000	1f
Macedonia	24 205	21 335	22 141	21 560	20 620	1e
Mexico	366 432	358 953	354 673	348 328	377 861	1e
Morocco	62 874	74 693	77 129	76 290	85 898	1e
Myanmar	894	1 300	700	600	500	1h
Namibia	17 967	17 375	15 407	18 295	18 564	1f
Norway	15 092	15 870	9 946	4 435	4 400	1a
Peru	668 094	690 017	692 290	760 353	865 267	1e
Poland	186 000	186 000	204 000	165 000	172 000	2h
Romania	14 831	14 570	19 500	17 350	19 200	1a
Russia	224 600	200 000	200 000	199 000	121 000	2h
Rwanda	0	0	0	0	149	1a
Saudi Arabia	542	500	386	380	619	1h
Slovenia	1 682	1 819	0	0	0	1f
South Africa, Rep. of	77 096	76 361	70 240	76 853	71 062	1e
Spain	170 000	150 000	172 000	145 000	147 000	1e
Sweden	168 617	159 858	167 962	160 325	155 385	1a
Thailand	89 152	69 928	27 040	36 247	18 200	1h
Tunisia	2 000	15 930	47 763	34 220	5 000	1e
Turkey	35 000	35 100	35 000	50 000	32 000	1n
United States	551 075	597 576	643 877	628 063	607 000	2h
Uzbekistan	30 000	18 000	15 000	12 000	3 000	2d
Yugoslavia	9 704	8 794	14 700	21 800	18 900	1f
Zaire	10 000	600	4 518	3 162	1 200	1f
Zambia	19 737	1 000	0	0	0	1f
Total	6 907 005	6 361 228	6 803 219	6 903 222	6 963 135	

6.4.3 Precious Metals Edelmetalle

Gold

Country	1993 kg	1994 kg	1995 kg	1996 kg	1997 kg	Rem
Albania	40	0	0	0	0	1a
Argentina	937	899	837	723	2 500	2h
Armenia	500	500	100	244	850	1h
Australia	252 000	255 233	253 500	288 880	316 000	1e
Bolivia	10 403	13 000	14 405	12 634	13 290	1a
Botswana	192	234	86	140	150	1n
Brazil	70 000	71 000	63 299	57 000	58 488	1a
Bulgaria	612	242	828	649	1 020	1a
Burkina Faso	1 958	2 000	1 422	1 012	1 450	1e
Burundi	33	33	35	35	33	2n
Canada	152 578	145 980	150 867	164 136	169 050	2e
Central African Rep.	180	100	100	120	190	1h
Chile	33 502	38 626	44 585	53 174	49 459	1e
China	127 000	130 000	160 000	145 000	156 800	2h
Colombia	27 469	20 760	22 436	22 064	19 111	1h
Costa Rica	280	280	500	400	487	1h
Cote d'Ivoire	1 907	1 800	1 940	1 883	1 419	1e
Czech Republic	512	75	0	0	0	1a
DPR Korea	4 500	4 500	4 000	4 000	3 800	2n
Dominican Republic	354	1 599	3 340	3 717	2 390	1h
Ecuador	933	1 182	7 410	7 208	3 068	1e
Eritrea	12	78	59	60	44	1e
Ethiopia	2 524	2 295	3 160	1 000	1 000	2n
Fiji	3 783	4 111	3 511	4 554	4 671	1e
Finland	680	1 280	1 301	1 673	4 775	1a
France	2 155	4 010	4 615	4 590	4 350	1e
French Guiana	2 805	2 300	2 480	2 850	3 000	2n
Gabon	120	120	100	100	90	2n
Georgia	1 000	1 000	1 000	800	700	2n
Ghana	38 224	44 501	53 881	50 079	54 446	1n
Greece	0	0	0	0	13	1e
Guatemala	65	65	0	0	0	2n
Guinea	3 864	5 617	6 910	7 000	7 300	2n
Guyana	9 614	11 991	9 111	10 807	14 597	1h
Honduras	110	150	150	150	120	2n
India	2 075	2 373	1 940	2 710	2 500	2n
Indonesia	41 558	44 843	62 909	83 660	82 700	1a
Iran	1 000	723	633	640	684	1a
Japan	9 352	9 551	9 185	8 627	8 384	1a
Kazakhstan	20 000	14 483	18 200	12 000	12 000	2h
Kenya	20	14	48	50	50	2n
Korea, Republic of	1 980	1 374	1 270	1 200	1 200	2n
Kyrgystan	1 300	2 000	2 000	5 000	5 000	2n
Liberia	300	0	0	0	0	1f
Macedonia	680	640	760	752	680	1e

Malaysia	4 463	4 085	3 161	2 829	4 488	1h
Mali	3 000	3 000	3 980	4 500	4 700	2n
Mauritania	1 200	1 738	1 800	1 890	1 800	2n
Mexico	11 121	14 642	20 902	24 083	26 031	1e
Mongolia	2 085	3 000	4 650	5 998	2 200	1h
Mozambique	149	336	300	300	250	2n
Myanmar	30	194	146	171	150	1h
Namibia	1 790	2 188	1 910	2 177	2 433	1n
New Zealand	11 161	10 118	12 132	11 571	11 400	2h
Nicaragua	1 700	1 225	1 200	2 059	2 395	1a
Niger	30	30	53	313	300	2n
Nigeria	0	0	0	0	17	1h
Norway	1 000	0	0	0	0	1a
Oman	0	0	520	600	577	1h
Panama	0	0	284	280	250	2n
Papua New Guinea	60 435	62 751	55 721	55 623	48 482	1h
Peru	30 318	47 799	57 743	64 885	76 822	1e
Philippines	24 909	27 059	26 889	29 958	32 494	1h
Poland	300	463	474	530	375	1a
Romania	589	596	539	518	500	2n
Russia	149 464	142 578	131 938	123 347	123 000	2h
Rwanda	800	800	750	400	130	1a
Saudi Arabia	7 519	7 630	8 137	7 692	7 260	1h
Senegal	0	0	0	567	600	2n
Sierra Leone	135	125	130	588	400	2n
Slovakia	148	365	476	470	456	1e
Solomon Islands	30	31	31	30	28	2n
South Africa, Rep. of	619 325	579 295	524 640	496 846	491 500	1e
Spain	6 083	5 852	3 255	2 763	1 824	1e
Sudan	1 868	2 346	3 367	3 100	5 634	1e
Sweden	6 548	6 364	6 528	6 100	6 777	1a
Tajikistan	400	1 500	1 000	1 500	2 550	2h
Tanzania	2 696	280	320	318	315	2n
Thailand	0	96	103	32	30	1h
Uganda	103	1 686	1 800	2 000	6 830	1e
United States	331 013	326 553	316 913	318 078	325 000	2h
Uzbekistan	75 000	75 000	80 000	71 000	70 000	2d
Venezuela	8 899	9 944	7 793	12 127	22 322	2h
Yugoslavia	3 504	2 474	0	3 000	3 500	2h
Zaire	1 500	780	1 180	1 252	394	2h
Zambia	266	200	124	119	91	1n
Zimbabwe	18 565	20 564	23 959	24 699	24 225	1e
Total	2 217 257	2 205 249	2 217 761	2 245 634	2 316 389	

Platinum

Country	1993 kg	1994 kg	1995 kg	1996 kg	1997 kg	Rem
Australia	540	540	500	500	450	2n
Canada	13 116	14 313	10 068	14 983	13 009	2e
Colombia	1 724	1 084	1 025	669	413	1h
Japan	1 844	1 200	1 200	816	693	1a
Russia	74 000	58 000	50 000	20 000	17 000	2h
South Africa, Rep. of	176 167	164 806	184 331	188 636	196 466	1e
United States	8 834	8 398	6 842	7 940	10 800	2h
Yugoslavia	82	80	6	3	3	2h
Zimbabwe	15	0	0	7	34	1e
Total	276 322	248 421	253 972	233 554	238 868	

Silver

Country	1993 kg	1994 kg	1995 kg	1996 kg	1997 kg	Rem
Algeria	2 200	3 000	2 000	2 000	1 600	1f
Argentina	42 744	38 056	47 787	50 399	56 600	2h
Australia	1 187 000	1 045 000	920 000	1 020 000	1 332 000	1e
Bolivia	332 768	352 000	425 053	384 384	387 200	1a
Brazil	162 500	50 400	49 775	50 000	26 598	1a
Bulgaria	5 537	2 067	2 600	6 870	4 414	1f
Canada	869 000	774 506	1 228 000	1 305 000	1 213 000	2e
Chile	967 551	982 750	1 041 097	1 147 000	1 191 311	1e
China	840 600	815 000	918 000	918 000	918 000	1f
Colombia	7 328	5 898	5 348	5 691	3 566	1h
Czech Republic	500	100	0	0	0	1a
DPR Korea	250 000	200 000	200 000	180 000	200 400	1f
Dominican Republic	1 664	9 290	21 402	17 292	12 400	1f
Fiji	1 112	1 406	2 095	2 003	2 653	1e
Finland	15 896	26 000	10 509	34 794	32 200	1a
France	10 100	644	1 167	1 550	1 770	1e
Ghana	1 200	1 200	1 000	1 000	900	2n
Greece	59 000	44 900	45 000	16 100	35 900	1f
Honduras	24 200	25 000	30 200	31 000	40 400	1f
India	56 197	45 911	39 800	27 800	48 100	1f
Indonesia	90 285	105 961	260 518	254 893	270 391	1a
Iran	50 000	1 430	1 120	1 300	1 320	1a
Ireland	13 000	17 400	13 700	14 700	13 300	1a
Italy	92 635	80 000	80 000	75 000	70 000	2n
Japan	136 886	133 713	100 078	85 115	87 180	1a
Kazakhstan	600 000	408 400	489 000	480 000	500 000	2h
Korea, Republic of	7 834	8 600	179	175	170	2n
Macedonia	24 117	22 303	15 848	20 025	18 760	1e
Malaysia	13 913	13 341	10 863	9 720	9 600	1f
Mexico	2 415 805	2 334 181	2 495 522	2 536 465	2 701 329	1e
Mongolia	20 000	21 000	21 000	20 000	19 000	2n

Morocco	236 000	259 000	204 000	333 000	262 000	1f
Myanmar	2 395	3 792	4 425	8 915	9 331	1h
Namibia	71 715	60 817	65 847	42 000	33 500	1f
New Zealand	25 800	27 589	27 794	29 340	31 700	2h
Nicaragua	2 400	2 628	2 600	783	934	1a
Norway	11 200	6 036	6 000	5 900	5 000	2n
Oman	2 900	4 700	72	80	0	1f
Panama	0	0	404	400	380	2n
Papua New Guinea	96 070	76 025	66 228	64 304	49 165	1h
Peru	1 670 815	1 768 199	1 928 853	1 976 536	2 076 536	1e
Philippines	32 036	29 562	28 950	24 304	20 496	1h
Poland	1 046 000	959 000	964 000	934 044	1 028 916	1a
Portugal	36 000	32 000	38 600	33 700	33 900	1a
Romania	28 236	25 120	14 697	15 041	18 000	1f
Russia	700 000	800 000	800 000	750 000	700 000	2h
Saudi Arabia	17 990	16 990	17 681	16 536	16 900	1h
Slovakia	0	332	372	367	356	1e
Solomon Islands	5	9	9	8	5	2n
South Africa, Rep. of	192 418	195 754	172 912	168 689	143 968	1e
Spain	159 000	132 000	102 000	103 000	66 000	1e
Sweden	255 257	276 042	268 200	272 000	304 050	1a
Tanzania	472	0	0	0	0	1f
Tunisia	1 000	1 100	2 500	1 500	1 500	1f
Turkey	60 000	69 000	88 000	72 800	75 669	1a
United States	1 640 000	1 485 949	1 564 993	1 573 170	1 660 000	2h
Yugoslavia	25 144	18 298	31 100	68 300	42 600	1f
Zaire	10 000	10 000	9 000	9 000	1 000	1f
Zambia	18 100	12 100	10 000	8 676	6 900	1f
Zimbabwe	12 004	10 942	15 640	9 982	5 923	1e
Total	14 654 529	13 852 441	14 913 538	15 220 651	15 794 791	

6.4.4

*Industrial Minerals**Industrieminerale, Steine und Erden*

Asbestos

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Argentina	309	319	300	446	0	2h
Brazil	184 918	191 900	208 700	213 210	208 447	1a
Bulgaria	1 500	1 400	900	1 000	800	1a
Canada	509 000	518 000	516 000	483 000	447 000	2e
China	230 000	240 000	263 000	293 000	250 000	2h
Colombia	15 000	12 880	12 000	11 000	13 670	1h
Egypt	604	514	391	427	1 836	1n
Greece	56 948	55 502	75 003	80 213	63 294	1e
India	42 699	28 610	25 000	26 101	20 000	2n
Iran	55 000	80 000	44 000	42 000	62 000	1a
Japan	2 636	0	0	0	0	1a
Kazakhstan	325 000	300 000	250 000	250 000	125 000	2h
Pakistan	165	90	100	90	120	1a
Russia	1 000 000	1 000 000	800 000	800 000	700 000	2h
South Africa, Rep. of	103 994	92 130	89 406	56 900	49 986	1e
Swaziland	33 860	26 720	28 570	26 000	25 000	2n
United States	13 704	10 100	9 288	9 552	9 000	2d
Yugoslavia	1 100	1 000	497	450	250	2h
Zimbabwe	156 881	151 846	169 487	165 494	160 560	1e
Total	2 733 318	2 711 011	2 492 642	2 458 883	2 136 963	

Baryte

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Afghanistan	6 500	7 500	6 200	6 000	4 700	1a
Algeria	47 232	20 584	29 838	31 348	39 140	1e
Argentina	11 267	27 952	28 907	14 038	14 000	2n
Armenia	600	500	500	400	350	2n
Australia	10 000	10 000	11 729	12 000	12 500	2n
Belgium	50 000	50 000	50 000	50 000	45 000	2n
Bolivia	368	3 307	4 000	4 745	4 402	1a
Brazil	54 500	45 000	45 000	40 000	51 961	1a
Bulgaria	42 724	40 000	66 633	30 357	92 710	1a
Canada	37 000	61 000	61 000	57 000	98 000	1n
Chile	1 832	3 661	3 080	2 559	2 654	1e
China	1 900 000	1 800 000	1 500 000	2 500 000	3 500 000	2h
Colombia	4 840	7 000	6 000	6 800	1 000	1e
DPR Korea	30 000	30 000	30 000	50 000	60 000	2n
Ecuador	2 600	2 600	2 500	2 000	1 800	2n
Egypt	2 535	419	535	550	0	1n
France	67 200	72 100	75 450	81 200	77 000	1e
Germany, Federal Rep.	131 163	127 383	122 268	121 476	118 698	1a
Greece	988	701	668	671	742	1e
Guatemala	4 742	0	570	2 776	3 000	2n

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

India	549 208	483 791	575 000	500 000	550 000	2d
Iran	105 000	225 000	185 000	210 000	160 000	1a
Ireland	53 000	50 000	0	0	0	1e
Italy	52 697	57 856	44 393	80 463	26 694	1a
Kazakhstan	200 000	135 000	150 000	250 000	270 000	2d
Kenya	14	20	0	0	0	2n
Korea, Republic of	0	85	0	0	0	1a
Malaysia	11 551	17 144	16 966	17 458	18 000	2n
Mexico	135 891	86 605	248 367	470 028	236 606	1e
Morocco	349 613	266 000	266 226	287 513	343 314	1e
Myanmar	15 628	15 749	30 641	17 113	14 606	1h
Nigeria	17 000	17 000	17 500	17 500	13 000	1h
Pakistan	15 331	22 091	20 900	14 470	22 621	1a
Peru	23 988	53 074	37 476	37 103	63 600	1e
Poland	21 000	35 000	26 000	22 000	20 000	2n
Portugal	0	50	0	100	0	1h
Romania	12 050	10 470	13 935	12 520	12 500	2n
Russia	0	0	70 000	70 000	70 000	2h
Saudi Arabia	0	0	0	8 000	10 000	2n
Slovakia	27 239	39 765	41 600	45 600	18 500	1e
South Africa, Rep. of	2 000	1 945	6 048	7 423	2 071	1e
Spain	6 000	4 000	30 103	81 621	85 000	2n
Thailand	24 385	31 096	21 134	20 404	36 832	1h
Tunisia	16 000	16 000	8 000	16 000	14 000	1e
Turkey	118 367	57 429	100 751	155 000	140 840	1a
United Kingdom	55 000	54 000	85 000	93 000	74 000	2e
United States	315 000	583 000	543 000	661 926	700 000	2d
Zimbabwe	120	0	500	1 150	1 217	1e
Total	4 532 173	4 571 877	4 583 418	6 110 312	7 031 058	

Bentonite

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Algeria	20 833	20 215	17 088	19 526	21 617	1e
Argentina	96 706	117 095	113 760	134 588	130 000	2h
Armenia	100 000	80 000	80 000	75 000	70 000	2n
Australia	66 000	66 000	65 000	65 000	60 000	2n
Bolivia	0	0	3 855	98	90	2n
Brazil	165 000	160 000	155 000	150 000	224 055	1a
Chile	925	900	684	1 191	717	1e
Colombia	3 300	3 300	3 000	2 500	8 640	1h
Croatia	8 376	8 200	10 300	8 400	4 600	1a
Cyprus	51 689	46 530	51 234	66 200	98 700	1e
Czech Republic	63 000	65 000	54 000	59 000	83 000	1h
Ecuador	0	1 118	511	432	205	1e
Egypt	14 994	2 379	4 423	4 500	1 136	1n
France	7 000	3 000	0	0	0	1e
Georgia	100 000	0	0	0	0	1h
Germany, Federal Rep.	473 102	498 849	529 446	491 346	511 190	1a
Greece	677 578	697 773	765 000	973 517	942 555	1e
Guatemala	4 198	4 410	5 839	3 755	3 500	2n
Hungary	18 000	17 900	18 000	15 376	14 848	2h
India	235 000	321 874	300 000	280 000	260 000	2n
Indonesia	30 000	30 000	20 000	15 549	8 308	1a
Iran	85 000	84 000	32 000	84 000	105 000	1a

Italy	326 392	374 491	590 845	475 000	509 960	1a
Japan	515 307	484 000	478 056	468 728	495 646	1a
Korea, Republic of	48 623	121 262	66 157	65 000	60 000	2n
Macedonia	4 000	5 000	4 000	4 000	3 500	1e
Mexico	127 289	100 000	100 000	69 810	69 000	2n
Morocco	10 811	24 919	28 895	29 881	49 633	1e
Myanmar	200	300	600	730	750	2n
New Zealand	1 613	930	3 699	4 000	4 100	2n
Nicaragua	1 300	5 656	3 000	2 374	512	1a
Pakistan	8 883	11 180	11 790	10 750	10 796	1a
Peru	10 250	27 682	26 961	18 592	22 285	1e
Philippines	5 050	3 415	7 636	8 000	7 500	2n
Poland	11 000	0	0	3 000	2 000	1a
Romania	38 526	36 140	39 000	37 900	37 500	2n
Russia	1 600 000	1 500 000	1 400 000	1 400 000	1 300 000	2n
Slovakia	0	45 700	52 500	76 000	77 000	1e
South Africa, Rep. of	50 441	71 773	70 927	48 076	33 326	1e
Spain	162 000	148 663	150 000	120 199	120 000	2n
Thailand	2 780	5 125	8 285	9 000	3 200	1h
Turkey	456 597	516 187	605 499	400 000	519 487	1a
Turkmenistan	57 300	50 000	50 000	137 161	137 321	1h
United Kingdom	187 000	134 000	133 000	143 000	140 000	2e
United States	2 868 439	3 290 708	3 817 853	3 738 310	3 700 000	2n
Uruguay	0	0	140	58	60	1a
Yugoslavia	5 000	5 000	0	0	0	2h
Total	8 719 502	9 190 674	9 877 983	9 719 547	9 851 737	

Boron

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Argentina	146 349	215 021	244 933	342 210	350 000	2h
Bolivia	11 990	6 836	5 400	4 128	6 095	1a
Chile	90 396	79 083	80 000	90 000	170 605	1e
China	30 000	30 000	40 000	40 000	60 000	2h
Iran	1 000	1 200	1 500	1 000	2 850	1a
Kazakhstan	90 000	80 000	80 000	80 000	80 000	2d
Peru	36 472	40 991	40 581	39 982	46 988	1e
Turkey	1 892 356	1 139 980	1 143 994	1 482 000	1 017 697	1a
United States	1 055 000	1 106 000	1 194 000	1 150 000	1 200 000	2d
Total	3 353 563	2 699 111	2 830 408	3 229 320	2 934 235	

Diamonds (Gem)

Country	1993 karat	1994 karat	1995 karat	1996 karat	1997 karat	Rem
Angola	900 000	1 260 000	2 880 000	3 330 000	4 770 000	1n
Australia	16 800 500	17 516 000	16 157 200	16 797 200	17 218 400	1e
Botswana	10 311 000	10 883 040	11 761 707	12 436 943	14 070 000	1n
Brazil	320 000	240 000	104 500	98 000	70 000	1a
Central African Rep.	420 750	382 500	450 500	467 500	425 000	1h
China	22 000	47 800	50 000	18 000	35 800	1h
Cote d'Ivoire	13 600	12 000	12 000	11 200	16 000	2n

Ghana	106 350	118 200	126 267	147 425	165 905	1n
Guinea	350 287	286 097	269 643	270 000	427 500	1n
Guyana	20 000	10 536	15 604	14 700	10 684	1h
India	7 174	7 200	7 200	11 401	6 000	2d
Liberia	26 000	32 500	32 500	29 250	65 000	2n
Myanmar	30	0	0	0	4	2h
Namibia	1 084 284	1 246 731	1 312 670	1 412 134	1 083 000	1n
Russia	8 000 000	8 560 000	8 500 000	9 250 000	9 550 000	2h
Sierra Leone	105 231	170 850	142 710	180 962	69 680	1h
South Africa, Rep. of	4 129 600	4 341 461	3 933 856	3 978 700	4 016 552	1e
Swaziland	12 340	12 000	12 000	12 800	13 000	2n
Tanzania	34 720	19 182	42 107	51 000	42 500	2n
Venezuela	136 000	184 903	118 400	64 000	113 600	2h
Zaire	3 125 200	3 250 400	4 404 800	4 448 000	3 000 000	2h
Zimbabwe	13 155	45 205	67 088	131 180	126 392	1e
Total	45 938 221	48 626 605	50 400 752	53 160 395	55 295 017	

Diamonds (Ind)

Country	1993 karat	1994 karat	1995 karat	1996 karat	1997 karat	Rem
Angola	100 000	140 000	320 000	370 000	530 000	1n
Australia	25 075 500	26 274 000	24 235 800	25 195 800	25 827 600	1e
Botswana	4 419 000	4 664 160	5 040 731	5 312 119	6 030 000	1n
Brazil	140 000	60 000	45 000	42 000	30 000	1a
Central African Rep.	74 250	67 500	79 500	82 500	75 000	1h
China	88 000	191 200	200 000	72 000	143 200	1h
Cote d'Ivoire	3 400	3 000	3 000	2 800	4 000	2n
Ghana	484 471	472 800	505 070	589 701	663 619	1n
Guinea	116 762	95 366	89 881	90 000	142 500	1n
Guyana	30 004	24 584	36 410	34 300	24 928	1h
India	4 843	4 800	4 800	20 442	4 000	2d
Liberia	54 000	67 500	67 500	60 750	135 000	2n
Myanmar	145	45	12	45	18	2h
Namibia	57 068	65 517	69 087	72 323	57 000	1n
Russia	8 000 000	8 560 000	8 500 000	9 250 000	9 550 000	2h
Sierra Leone	52 620	84 150	76 150	89 130	34 320	1h
South Africa, Rep. of	6 194 425	6 512 192	5 900 785	5 968 050	6 024 828	1e
Swaziland	49 346	40 000	40 000	51 200	52 000	2n
Tanzania	6 127	3 385	7 431	9 000	7 500	2n
Venezuela	274 751	273 346	177 600	96 000	170 400	2h
Zaire	12 500 800	13 001 600	17 619 200	17 792 000	12 000 000	2h
Zimbabwe	30 695	105 478	156 540	306 086	294 915	1e
Total	57 756 207	60 710 623	63 174 497	65 506 246	61 800 828	

Diatomite

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Algeria	3 471	3 500	3 500	3 000	2 332	1e
Argentina	3 096	6 300	4 928	8 647	9 000	2n
Armenia	1 000	800	700	400	400	2n
Australia	12 500	12 000	12 000	11 000	10 000	2n

Brazil	14 600	17 017	14 049	14 000	13 500	2n
Canada	5 000	5 000	5 000	4 500	4 000	2n
Chile	5 252	10 129	11 451	11 592	11 825	1e
Costa Rica	12 000	12 000	11 500	11 500	11 000	2n
Czech Republic	39 000	40 000	29 000	35 000	39 000	1a
Ethiopia	1 775	1 700	1 500	1 300	1 000	2n
France	85 000	90 000	80 000	80 000	80 000	2e
Georgia	50 000	0	0	0	0	1h
Germany, Federal Rep.	7 412	0	0	0	0	1a
Iceland	17 700	20 000	20 000	25 600	26 000	2n
Kenya	829	592	578	550	550	2n
Korea, Republic of	67 324	82 738	81 303	80 000	80 000	2d
Mexico	46 500	45 000	47 000	52 200	60 000	2d
Peru	35 100	25 000	25 000	24 000	20 000	2n
Portugal	1 860	2 150	1 780	1 550	1 540	1a
Romania	19 700	10 140	14 450	9 530	9 000	2n
Slovakia	0	5 300	5 000	4 500	3 000	1e
South Africa, Rep. of	600	600	500	400	350	2n
Spain	49 200	70 000	28 271	34 122	35 000	2n
Thailand	8 290	6 874	5 591	1 576	2 000	2n
United Kingdom	200	200	0	0	0	2e
United States	599 000	612 708	687 082	697 541	705 000	2d
Total	1 086 409	1 079 748	1 090 183	1 112 508	1 124 497	

Feldspar

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Algeria	6 500	6 500	6 000	5 800	5 500	2n
Argentina	55 764	39 825	36 901	72 539	80 000	2h
Australia	23 200	23 500	23 500	24 000	23 500	2n
Austria	8 492	4 883	0	0	0	1e
Brazil	135 000	140 000	145 000	145 000	135 000	1a
Chile	4 757	9 667	7 293	3 702	3 808	1e
Colombia	60 458	76 188	58 100	78 093	66 845	1h
Cuba	9 600	3 400	9 300	12 100	14 700	1e
Czech Republic	203 000	170 000	183 000	211 000	220 400	1a
Ecuador	2 015	5 692	10 297	10 321	60 328	1e
Egypt	53 649	39 745	36 342	75 049	53 783	1n
Eritrea	0	5 150	0	0	0	1e
Finland	51 477	41 389	42 100	42 100	40 000	1a
France	274 000	385 000	632 000	546 000	621 000	1e
Germany, Federal Rep.	303 154	302 627	329 624	359 666	425 529	1a
Greece	22 210	35 000	27 000	48 620	55 700	1e
Guatemala	5 123	0	5 544	11 060	12 000	2n
Hungary	33 000	43 600	44 000	44 000	45 000	2h
India	65 413	70 000	70 000	92 682	90 000	2d
Indonesia	27 835	28 000	25 000	29 473	24 399	1e
Iran	60 000	79 000	86 000	90 000	125 000	1a
Italy	1 534 421	1 806 935	2 199 315	2 310 450	2 118 117	1a
Japan	71 568	53 503	65 086	55 122	60 000	2d
Jordan	0	0	7 341	7 500	7 340	1a
Korea, Republic of	322 289	319 658	367 578	330 000	320 000	2d
Macedonia	35 000	15 000	10 000	9 500	10 000	1e
Mexico	123 512	133 441	121 779	139 972	155 760	1e
Myanmar	1 355	5 735	7 091	0	0	1h

Norway	67 923	62 905	73 810	72 555	107 335	1a
Pakistan	18 799	19 656	11 750	27 370	14 428	1a
Peru	11 385	14 808	9 099	5 918	2 502	1e
Philippines	21 564	43 805	25 950	26 000	12 717	1e
Poland	34 000	46 000	46 000	64 000	74 000	1a
Portugal	90 547	92 440	98 269	98 596	96 000	2h
Romania	21 000	30 900	30 920	34 975	35 000	2n
Russia	70 000	70 000	55 000	55 000	75 000	2d
Saudi Arabia	0	0	11 000	10 000	9 000	2n
South Africa, Rep. of	43 400	37 156	49 224	53 644	59 688	1e
Spain	239 000	250 000	465 000	420 000	455 000	1e
Sri Lanka	8 000	6 595	6 500	6 000	2 010	1a
Sweden	59 000	55 000	50 000	55 000	41 400	1a
Taiwan	2 102	854	0	0	0	1e
Thailand	568 339	528 027	660 563	662 200	536 000	1h
Turkey	366 166	502 608	760 250	500 000	500 000	2d
United Kingdom	6 956	8 000	8 000	7 500	7 000	2n
United States	770 000	765 202	880 399	889 792	930 000	2d
Uruguay	2 280	2 870	5 099	2 006	3 229	1a
Uzbekistan	70 000	0	0	70 000	70 000	2d
Venezuela	186 805	274 789	230 000	195 723	160 000	2h
Yugoslavia	5 000	5 000	5 441	4 801	5 000	2h
Zambia	100	0	0	0	0	1n
Zimbabwe	1 553	1 617	3 920	3 248	2 254	1e
Total	6 156 711	6 661 670	8 041 385	8 018 077	7 971 272	

Fluorspar

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Afghanistan	0	1 200	900	800	560	1a
Argentina	4 611	3 585	5 071	5 666	6 000	2n
Brazil	94 350	81 000	81 000	77 700	78 399	1a
China	2 100 000	2 400 000	2 000 000	2 000 000	2 400 000	2h
Colombia	1 800	800	800	700	1 000	1e
Czech Republic	22 100	10 000	0	0	0	1a
DPR Korea	40 000	40 000	40 000	35 000	33 000	2n
Egypt	853	514	321	300	280	1n
France	185 000	130 300	130 000	110 800	106 600	1e
Germany, Federal Rep.	39 997	35 641	39 081	32 448	23 868	1a
India	27 396	24 788	20 000	19 926	18 000	2n
Iran	10 000	5 300	16 400	20 000	6 200	1a
Italy	71 684	77 946	124 749	126 530	105 794	1a
Kazakhstan	90 000	80 000	75 000	80 000	85 000	2n
Kenya	78 725	53 488	80 230	80 000	80 000	2d
Korea, Republic of	209	100	0	0	0	1a
Mexico	282 988	327 378	522 658	523 971	552 839	1e
Mongolia	200 000	300 000	180 000	127 600	135 000	1h
Morocco	70 000	85 000	106 500	100 000	103 800	1e
Namibia	42 597	51 181	37 076	32 285	23 208	1n
Pakistan	1 000	1 290	1 380	816	160	1a
Russia	70 000	60 000	137 500	137 500	137 500	2h
South Africa, Rep. of	217 778	174 258	195 794	202 018	206 765	1e
Spain	87 000	100 000	112 000	117 000	120 000	1e

Thailand	48 387	23 705	24 144	17 247	7 826	1h
Tunisia	1 000	1 000	2 000	1 000	2 000	1e
Turkey	882	6 671	8 873	4 828	5 000	2n
United Kingdom	70 000	50 000	55 000	65 000	67 000	2e
United States	60 000	49 000	51 000	27 900	20 000	2n
Uzbekistan	90 000	80 000	80 000	80 000	90 000	1h
Total	4 008 357	4 254 145	4 127 477	4 027 035	4 415 799	

Graphite

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Austria	4 146	12 324	12 019	33 122	12 582	1e
Brazil	29 500	29 000	37 000	32 000	31 190	1a
Canada	22 257	23 000	20 000	20 000	22 000	2d
China	550 000	500 000	320 000	350 000	250 000	2d
Czech Republic	27 000	25 000	27 000	30 000	26 200	1a
DPR Korea	35 000	35 000	30 000	30 000	30 000	2n
Germany, Federal Rep.	887	874	1 034	2 603	1 030	1e
India	76 204	70 000	70 000	117 527	100 000	2d
Korea, Republic of	5 910	4 300	1 938	3 500	3 200	2n
Madagascar	10 000	8 000	13 965	14 000	13 000	2n
Mexico	43 589	30 863	34 388	40 412	47 982	1e
Norway	6 500	5 200	2 558	7 065	7 713	1a
Romania	1 620	2 070	2 180	2 930	3 000	2n
Russia	10 000	8 000	7 500	7 000	6 800	2n
Sri Lanka	3 500	2 969	3 500	4 000	4 613	1a
Sweden	0	0	0	500	1 470	1a
Tanzania	0	0	100	200	250	2n
Turkey	19 500	20 000	20 000	20 000	19 000	2n
Ukraine	10 000	5 755	5 000	5 000	4 800	2n
Viet Nam	500	400	400	300	200	2n
Zimbabwe	7 142	8 729	11 381	7 691	12 779	1e
Total	863 255	791 484	619 963	727 850	597 809	

Guano

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Philippines	218	100	57	50	20	2n
Seychellen	1 000	1 000	1 000	900	900	2n
Total	1 218	1 100	1 057	950	920	

Gypsum and Anhydrite

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Abu Dhabi (UAE)	40 000	40 000	30 000	30 000	25 000	2n
Afghanistan	85 000	105 000	98 000	95 000	74 000	1a
Albania	30 000	11 479	10 000	2 108	2 000	2n
Algeria	230 000	230 000	250 000	240 000	230 000	2n
Angola	40 000	40 000	35 000	35 000	30 000	2n
Argentina	519 181	515 269	590 055	633 121	680 000	2h
Australia	1 500 000	2 000 000	2 100 000	2 100 000	2 000 000	1n
Austria	876 341	1 060 469	958 430	996 387	975 738	1e
Azerbaijan	75 000	60 000	55 000	50 000	45 000	2n
Bhutan	25 590	45 100	45 000	66 602	67 000	2n
Bolivia	0	532	500	192	20	1a
Brazil	808 822	789 000	789 000	1 200 000	1 395 664	1a
Bulgaria	184 841	159 601	162 595	168 948	134 390	1a
Canada	7 836 000	8 499 000	8 055 000	8 468 000	8 502 600	2e
Chile	422 372	551 821	464 060	520 089	398 354	1e
China	11 100 000	11 000 000	7 340 000	7 500 000	7 300 000	2h
Colombia	439 467	450 000	450 000	522 236	565 000	1e
Croatia	80 200	81 000	110 000	87 000	80 000	1a
Cyprus	39 726	89 460	148 275	94 000	236 200	1e
Czech Republic	560 000	591 000	542 000	443 000	233 000	1a
Dominican Republic	91 283	93 314	95 168	86 848	86 000	2n
Ecuador	0	0	2 430	2 038	1 510	1e
Egypt	1 199 068	1 200 000	2 031 836	2 500 000	2 030 000	1n
El Salvador	5 000	0	0	0	0	2n
Eritrea	37	15	20	25	29	1e
Ethiopia	41 780	39 539	40 000	40 000	35 000	2n
France	5 000 000	5 000 000	4 800 000	4 550 000	4 500 000	2e
Germany, Federal Rep.	2 102 844	2 264 366	2 828 710	2 585 383	2 482 720	1a
Greece	445 600	453 722	485 353	546 344	662 646	1e
Guatemala	77 035	89 000	70 000	27 761	27 500	2n
Honduras	25 000	25 500	25 500	30 000	25 000	2n
Hungary	125 000	151 000	151 000	185 000	192 000	1a
India	1 700 655	1 900 000	1 900 000	2 096 338	2 200 000	2n
Indonesia	800	800	800	1 660	1 955	1e
Iran	8 600 000	8 433 000	8 230 000	8 750 000	8 900 000	1a
Iraq	350 000	350 000	380 000	400 000	420 000	2n
Ireland	317 600	367 300	406 000	423 000	477 000	1a
Israel	48 000	48 000	47 500	75 000	90 000	2h
Italy	1 200 000	1 361 017	1 492 594	1 200 000	1 210 718	1a
Jamaica	109 000	164 000	188 000	251 000	132 000	1e
Jordan	194 981	200 000	166 575	120 810	114 500	1a
Kenya	1 504	569	1 000	900	900	2n
Korea, Republic of	380 000	0	0	0	0	1a
Laos	129 757	102 217	110 000	75 000	115 000	2n
Latvia	60 500	61 026	78 813	63 888	60 905	1a
Lebanon	2 500	2 000	2 000	1 800	1 500	2n
Libya	160 000	160 000	170 000	180 000	190 000	2n
Mauritania	3 600	4 230	10 100	12 500	13 000	2n
Mexico	3 283 444	3 438 110	3 477 840	3 758 900	4 216 300	1e
Moldavia	35 100	14 600	13 600	12 700	13 000	1a
Mongolia	30 000	25 000	25 000	20 000	20 000	2n
Myanmar	27 835	31 497	37 011	28 599	34 546	1h
Namibia	558	0	0	0	0	1n
Nicaragua	9 000	10 300	10 000	20 242	15 820	1a

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Niger	1 648	1 500	1 500	1 897	2 000	2n
Oman	263 007	121 446	104 490	113 137	113 600	1h
Pakistan	574 336	607 369	624 000	416 000	412 196	1a
Paraguay	1 500	5 000	7 000	7 500	6 500	1e
Peru	38 047	15 161	25 340	65 446	64 863	1e
Poland	826 000	1 050 000	1 038 000	1 082 000	1 039 000	1a
Portugal	495 039	498 000	520 000	540 000	520 000	2a
Russia	1 500 000	1 200 000	1 000 000	700 000	650 000	2n
Saudi Arabia	326 661	375 000	370 000	429 200	440 000	2n
Somalia	1 000	1 000	1 000	900	800	2n
South Africa, Rep. of	284 389	304 377	299 975	340 688	365 279	1e
Spain	7 250 000	7 350 000	7 700 000	7 900 000	8 300 000	1e
Sudan	913	1 900	1 800	2 000	9 212	1e
Switzerland	299 430	298 700	321 800	312 940	293 828	1a
Syria	299 812	301 600	300 000	358 438	329 910	1a
Taiwan	3 182	2 886	0	0	0	1e
Tajikistan	400 000	300 000	250 000	250 000	230 000	2n
Tanzania	17 600	19 000	0	0	0	1a
Thailand	7 454 806	8 139 817	8 533 225	9 251 580	8 557 000	1h
Tunisia	200 000	200 000	180 000	180 000	160 000	2n
Turkey	492 705	486 704	670 208	679 595	784 662	1a
Turkmenistan	200 000	150 000	120 000	169 577	35 324	1h
United Kingdom	2 500 000	2 000 000	2 000 000	2 000 000	2 000 000	2e
United States	15 812 000	17 200 000	16 587 000	17 500 000	17 000 000	2d
Uruguay	217 474	90 317	90 000	95 000	90 000	2n
Venezuela	209 633	135 000	100 000	30 149	80 000	2h
Viet Nam	30 000	25 000	25 000	22 000	300	2n
Yemen, Republic of	90 000	80 000	80 000	70 000	65 000	2n
Yugoslavia	45 000	43 000	40 342	44 257	45 000	2h
Total	90 484 203	93 311 630	90 500 445	93 859 723	92 837 989	

Kaolin

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Albania	500	1 877	1 500	1 300	1 200	2n
Algeria	12 586	16 984	24 068	23 417	18 533	1e
Argentina	42 052	50 471	39 860	64 241	65 000	2h
Australia	240 000	240 000	200 000	190 000	170 000	2n
Austria	341 956	468 873	426 553	189 235	266 058	1e
Bangladesh	1 637	3 283	3 300	3 500	3 800	2n
Belgium	45 000	45 000	45 000	45 000	40 000	2n
Brazil	830 000	953 000	1 000 000	1 110 000	1 280 000	1a
Bulgaria	110 773	145 262	168 455	188 795	158 185	1a
Burundi	5 000	5 000	4 000	4 000	3 500	2n
Chile	66 939	73 081	10 845	13 452	14 238	1e
China	650 000	700 000	900 000	950 000	970 000	2n
Colombia	419 500	1 340 000	1 000 000	900 000	800 000	2n
Cuba	4 800	4 200	5 200	5 500	11 500	1e
Czech Republic	702 000	652 000	546 000	545 610	773 495	1a
Ecuador	507	6 622	45 054	86 542	7 346	1e
Egypt	184 004	180 000	233 097	293 381	258 725	1n
Eritrea	1 360	5 230	1 328	1 000	1 946	1e
Ethiopia	0	0	701	1 438	3 512	1e
France	295 000	387 000	345 000	326 000	332 000	1e
Germany, Federal Rep.	981 010	1 629 158	1 924 769	1 794 352	1 794 501	1a

Greece	89 473	117 254	66 582	60 453	56 459	1e
Guatemala	517	500	76	109	110	2n
Hungary	38 000	33 200	12 000	3 000	3 000	1a
India	654 745	663 190	600 000	685 675	530 000	2n
Indonesia	42 365	48 665	45 000	49 744	49 000	2n
Iran	280 000	551 000	471 000	470 000	860 000	1a
Italy	55 181	58 574	85 661	126 000	180 570	1a
Japan	110 314	114 000	182 122	141 230	110 915	1a
Jordan	47 174	50 000	65 998	37 832	34 550	1a
Kenya	7	0	300	300	200	2n
Korea, Republic of	597 836	361 886	495 055	500 000	480 000	2n
Madagascar	760	700	700	650	600	2n
Malaysia	249 852	252 628	211 182	209 562	187 411	1h
Mexico	124 232	216 000	220 000	165 000	160 000	2n
New Zealand	25 000	28 000	0	0	0	1h
Nigeria	200	200	150	150	100	2n
Pakistan	0	0	0	0	74 965	1a
Paraguay	70 000	55 000	70 000	75 000	60 000	1e
Peru	4 778	7 908	8 445	14 295	7 875	1e
Philippines	31 500	5 655	3 543	3 000	1 440	1e
Poland	45 800	58 800	53 800	56 200	52 400	1a
Portugal	145 157	170 000	180 000	165 000	97 000	2a
Romania	47 863	47 570	49 000	45 200	45 000	2n
Russia	1 000 000	1 000 000	1 000 000	1 500 000	1 500 000	2d
Saudi Arabia	0	0	30 000	7 000	5 000	2n
Slovakia	13 900	24 100	13 300	17 000	24 500	1e
Slovenia	610	3 562	0	0	0	1h
South Africa, Rep. of	147 349	131 863	146 527	146 496	120 148	1e
Spain	148 000	290 000	300 000	318 000	330 000	1e
Sri Lanka	6 800	4 559	4 500	4 000	7 562	1a
Taiwan	197 939	102 160	100 000	102 000	100 000	2n
Tanzania	477	520	596	1 332	1 000	2n
Thailand	397 330	417 064	460 629	553 770	367 000	1h
Turkey	210 536	179 775	489 635	300 000	477 383	1a
United Kingdom	2 577 160	2 530 000	2 586 000	2 281 000	2 400 000	2e
United States	8 830 595	8 770 733	9 481 810	9 121 220	9 000 000	2n
Venezuela	31 975	10 000	6 000	8 472	5 000	2h
Viet Nam	800	700	700	600	500	2n
Yugoslavia	37 627	30 000	56 926	60 000	60 000	2h
Zimbabwe	0	462	57	0	0	1e
Total	21 196 476	23 243 269	24 422 024	23 966 053	24 363 227	

Magnesite

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	277 356	289 071	261 421	180 083	333 668	1e
Austria	648 864	681 375	783 497	710 620	790 297	1e
Brazil	280 000	279 600	282 000	302 700	294 629	1a
Canada	200 000	300 000	200 000	200 000	150 000	2n
China	2 000 000	1 500 000	1 000 000	2 200 000	2 400 000	2h
Colombia	9 816	10 747	10 000	9 000	8 500	2n
DPR Korea	1 600 000	1 600 000	1 500 000	1 600 000	1 700 000	2n
Greece	479 999	575 472	520 000	662 346	623 030	1e
India	375 183	400 000	335 000	373 000	375 000	2h
Iran	40 000	65 000	55 000	50 000	105 000	1a

Pakistan	4 422	4 572	4 000	4 100	4 130	1a
Philippines	18 500	18 000	0	0	0	1e
Poland	34 000	30 000	26 000	21 000	30 000	1a
Russia	800 000	800 000	1 200 000	1 300 000	600 000	2h
Slovakia	1 131 350	989 740	814 500	825 000	868 000	1e
South Africa, Rep. of	67 403	71 726	84 289	71 358	76 699	1e
Spain	236 000	150 000	219 000	199 000	171 000	1e
Turkey	1 130 000	1 365 527	1 928 064	1 200 000	1 119 103	1a
Yugoslavia	55 000	68 000	75 000	89 000	98 000	2h
Zimbabwe	6 276	1 588	5 597	10 659	13 050	1e
Total	9 394 169	9 200 418	9 303 368	10 007 866	9 760 106	

Perlite

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Argentina	9 367	21 200	20 058	21 547	22 000	2h
Armenia	10 000	5 000	5 000	6 000	6 000	2h
Australia	3 500	3 600	3 600	3 500	3 400	2n
Greece	548 574	468 699	565 479	598 640	695 917	1e
Hungary	93 000	104 000	104 000	104 300	151 800	1a
Iran	6 000	4 000	800	1 000	3 500	1a
Japan	200 451	200 000	200 000	200 000	200 000	1n
Mexico	37 222	35 000	35 000	37 417	35 000	1h
New Zealand	814	0	1 800	1 880	1 900	2n
Philippines	11 000	6 017	17 133	20 000	25 941	1e
Russia	100 000	100 000	100 000	90 000	80 000	2n
Slovakia	22 000	18 900	18 200	27 000	25 000	1e
South Africa, Rep. of	328	914	1 338	682	650	2n
Turkey	147 864	250 000	371 058	175 000	134 349	1a
United States	568 600	644 275	700 103	648 396	703 000	2d
Total	1 758 720	1 861 605	2 143 569	1 935 362	2 088 457	

Phosphate

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Algeria	245 000	250 920	542 640	357 340	361 420	1e
Australia	350	1 000	800	1 864	1 970	1e
Brazil	1 008 833	1 201 220	1 220 600	1 298 800	1 510 000	1a
Burkina Faso	260	300	250	250	200	2n
Cambodia	1 500	1 500	1 200	1 000	1 000	2n
Chile	3 580	2 508	2 500	2 000	1 800	2n
China	21 158 700	25 617 000	26 800 000	21 000 000	22 000 000	2d
Christmas Island	84 500	90 000	100 000	163 200	164 000	2n
Colombia	8 990	9 621	9 000	14 200	13 000	1h
DPR Korea	130 000	130 000	130 000	200 000	220 000	2n
Egypt	302 209	300 000	266 144	250 000	364 650	1n
Finland	627 570	647 250	671 242	667 196	689 053	1a
India	296 069	279 158	351 000	351 000	245 430	2h
Indonesia	1 000	1 000	1 000	505	533	1e
Iraq	225 000	550 000	440 000	465 000	466 000	1h
Israel	1 794 000	2 080 000	2 028 000	2 322 000	4 047 000	1h

Jordan	1 140 787	1 348 800	1 828 225	1 713 618	1 945 542	1a
Kazakhstan	530 000	1 736 800	1 500 000	900 000	500 000	2d
Mali	0	0	720	0	0	1n
Mexico	73 065	171 690	199 153	218 265	228 372	1e
Morocco	5 675 170	6 303 850	6 297 030	6 465 050	7 156 040	1e
Nauru	243 960	224 298	228 000	193 800	190 000	2h
Pakistan	12 640	16 042	8 000	15 000	16 000	2n
Peru	11 364	22 556	20 000	18 000	17 000	2n
Philippines	10 711	2 936	3 752	4 000	3 500	2n
Russia	3 622 000	3 000 000	1 275 000	1 081 500	1 080 000	2h
Senegal	734 010	617 100	574 992	628 140	593 560	1e
South Africa, Rep. of	900 000	1 190 000	2 790 000	2 790 000	2 732 000	1e
Sri Lanka	8 800	12 240	12 300	12 500	9 768	1a
Syria	283 800	366 559	400 000	656 352	741 173	1a
Tanzania	599	0	0	717	800	2n
Thailand	2 691	1 935	2 000	3 528	4 000	2n
Togo	557 144	782 666	946 920	1 013 600	983 554	1h
Tunisia	989 820	1 011 420	1 134 360	1 287 180	1 357 380	1e
Turkey	21 822	0	0	0	0	1a
United States	10 703 600	12 117 600	12 765 000	13 000 000	14 000 000	2n
Venezuela	0	17 201	39 000	60 900	87 300	2h
Viet Nam	120 000	150 000	150 000	160 000	160 000	2n
Zimbabwe	46 040	45 900	46 345	36 789	31 687	1e
Total	51 575 584	60 301 070	62 785 173	57 353 294	61 923 732	

Potash

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Azerbaijan	50 000	40 000	50 000	50 000	50 000	2d
Belorussia	1 946 700	2 500 000	2 500 000	2 600 000	2 700 000	2n
Brazil	173 668	255 000	370 000	405 000	280 164	1a
Canada	6 970 000	8 037 000	8 855 000	8 050 000	9 301 000	2e
Chile	55 000	55 000	65 000	179 000	235 000	1n
China	60 000	60 000	90 000	80 000	100 000	2h
France	959 000	936 000	896 000	812 000	780 000	1e
Germany, Federal Rep.	2 861 000	3 286 600	3 278 363	3 331 790	3 420 601	1a
Israel	1 330 410	1 280 390	1 346 270	1 520 120	1 525 000	2h
Italy	1 438 850	0	0	0	0	1a
Jordan	865 483	822 000	1 125 279	1 068 000	849 405	1a
Netherlands	10 106	0	0	0	0	1a
Russia	2 597 000	2 800 000	2 800 000	2 700 000	3 400 000	2h
South Africa, Rep. of	0	0	2 400	0	0	1e
Spain	661 000	659 000	637 000	680 000	605 000	1e
Ukraine	73 000	70 000	110 000	100 000	100 000	1h
United Kingdom	584 333	610 234	611 497	650 663	696 968	2e
United States	1 506 000	1 400 000	1 480 000	1 390 000	1 430 000	2d
Total	22 141 550	22 811 224	24 216 809	23 616 573	25 473 138	

Salt

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Abu Dhabi (UAE)	35 000	35 000	35 000	38 000	35 000	2n
Afghanistan	14 000	22 500	25 000	28 000	31 500	1a
Albania	45 000	40 000	40 000	35 000	22 732	1a
Algeria	179 000	178 000	250 000	220 000	137 310	1e
Angola	40 000	40 000	40 000	30 000	28 000	2n
Argentina	1 033 804	957 000	1 009 297	1 096 321	1 100 000	2n
Armenia	22 000	24 000	26 000	26 400	26 500	2n
Australia	7 677 000	8 137 000	8 480 000	7 905 000	9 043 000	1e
Austria	877 205	742 550	787 392	776 041	704 764	1e
Azerbaijan	40 000	30 000	30 000	25 000	23 000	2n
Bahamas	800 000	850 000	850 000	800 000	750 000	2n
Bangladesh	700 000	700 000	650 000	620 000	600 000	2n
Belorussia	277 000	1 200 000	1 400 000	1 199 000	1 200 000	2n
Benin	100	100	90	80	70	2n
Bolivia	150	150	200	273	869	1a
Botswana	98 000	186 000	208 126	180 000	190 000	2n
Brazil	8 200 000	5 300 000	6 100 000	5 500 000	6 516 000	1a
Bulgaria	139 208	164 590	159 993	160 000	200 000	2n
Cambodia	40 000	40 000	38 000	35 000	32 000	2n
Canada	11 371 000	11 497 000	10 957 000	12 126 000	13 264 300	2e
Cape Verde	1 200	1 200	1 100	1 000	1 000	2n
Chile	1 443 250	3 177 898	3 000 000	3 200 000	5 488 135	1e
China	29 530 000	32 000 000	24 900 000	28 990 000	29 280 600	2h
Colombia	200 055	210 000	200 000	320 000	373 000	1e
Costa Rica	30 000	25 000	25 000	25 000	20 000	2n
Croatia	31 000	29 300	22 800	17 500	16 600	1a
Cuba	136 300	159 400	154 500	159 800	166 300	1e
DPR Korea	560 000	560 000	500 000	480 000	460 000	2n
Denmark	588 285	625 076	579 324	590 000	540 000	1h
Dominican Republic	12 000	10 000	10 000	10 000	9 000	2n
Egypt	986 000	1 007 495	1 849 145	2 000 000	1 530 000	1n
El Salvador	22 000	22 000	21 500	21 500	21 000	2n
Eritrea	172 236	207 835	254 700	300 000	252 076	1e
Ethiopia	150 000	155 075	150 000	150 000	100 000	2n
France	7 277 000	6 200 000	7 540 000	7 074 000	8 112 000	1e
Germany, Federal Rep.	12 242 700	12 557 090	14 607 210	15 943 040	15 656 728	1a
Ghana	50 000	50 000	45 000	40 000	35 000	2n
Greece	175 159	192 000	140 000	138 239	173 889	1e
Guatemala	90 000	80 000	80 000	80 000	75 000	2n
Honduras	30 000	25 000	25 000	30 000	28 000	2n
India	9 800 000	9 500 000	9 500 000	9 500 000	9 300 000	2h
Indonesia	600 000	600 000	600 000	500 000	400 000	2n
Iran	900 000	1 050 000	936 000	1 000 000	1 180 000	1a
Iraq	220 000	220 000	230 000	240 000	250 000	2n
Israel	722 200	1 001 600	946 017	765 000	750 000	2n
Italy	3 021 427	3 396 155	3 430 374	3 000 000	3 594 549	1a
Jamaica	13 500	14 000	14 000	14 500	15 000	2n
Japan	1 381 000	1 390 000	1 400 000	1 400 000	1 420 000	2n
Jordan	26 000	25 000	78 175	80 000	80 000	1a
Kenya	74 669	70 500	71 400	72 000	72 000	2n
Korea, Republic of	760 000	0	0	0	0	1a
Kuwait	40 863	36 897	37 038	36 000	36 000	2n
Laos	9 000	9 000	8 000	7 000	7 500	2n
Lebanon	3 000	3 000	2 500	2 500	2 000	2n

Libya	15 000	15 000	30 000	28 000	27 000	2n
Madagascar	50 000	50 000	45 000	45 000	40 000	2n
Mali	5 000	5 000	0	0	0	1n
Malta	170	170	160	150	130	2n
Mexico	7 490 820	7 458 414	7 669 549	8 508 148	7 932 772	1e
Mongolia	19 000	18 000	18 000	17 000	16 000	2n
Morocco	150 691	178 584	172 782	165 393	257 500	1e
Mozambique	35 000	40 000	40 000	35 000	30 000	2n
Myanmar	260 000	276 740	250 000	230 000	200 000	2n
Namibia	132 585	349 621	423 525	378 860	485 414	1n
Nepal	7	7	7	6	6	2n
Netherlands	4 238 000	4 245 000	4 786 000	4 800 000	5 601 000	1a
New Zealand	70 000	80 000	80 000	75 000	70 000	2n
Nicaragua	15 000	15 000	15 000	16 000	15 000	2n
Niger	2 500	2 000	2 000	2 000	1 800	2n
Oman	10 086	10 000	14 317	12 429	12 000	1h
Pakistan	885 077	896 051	890 000	966 000	1 058 653	1a
Panama	31 200	31 000	30 000	28 000	25 000	2n
Peru	175 007	97 212	140 200	145 000	79 492	1e
Philippines	535 481	562 255	600 000	620 000	686 514	1e
Poland	3 044 000	3 179 000	3 209 000	3 099 000	2 964 000	1a
Portugal	552 188	519 432	587 288	604 396	595 997	1a
Puerto Rico	37 000	37 500	37 500	37 000	36 500	2n
Romania	2 188 642	2 012 000	2 489 300	2 688 900	2 800 000	2n
Russia	3 500 000	3 500 000	3 400 000	2 000 000	1 600 000	2d
Saudi Arabia	0	0	91 000	128 000	135 000	2n
Senegal	117 400	117 000	25 100	57 000	50 000	1e
Slovakia	98 300	99 600	99 600	103 200	97 000	1e
Somalia	7 000	5 000	4 000	3 500	3 000	2n
South Africa, Rep. of	612 629	414 463	313 465	248 110	320 000	1e
Spain	2 505 000	2 850 000	3 500 000	3 494 000	3 650 000	1e
Sri Lanka	122 000	120 000	120 000	125 000	126 000	2n
Sudan	47 000	91 000	59 780	60 000	60 000	1e
Switzerland	231 000	262 000	413 000	464 000	415 400	1a
Syria	65 508	77 431	78 000	72 415	66 975	1a
Taiwan	390 344	414 712	400 000	410 000	420 000	2n
Tanzania	52 200	60 000	105 000	86 700	85 000	2n
Thailand	261 612	287 806	380 511	529 674	555 000	1h
Tunisia	450 000	528 000	319 000	557 000	437 000	1e
Turkey	1 525 941	1 353 306	1 442 050	2 012 000	2 500 000	2n
Turkmenistan	20 000	10 000	10 000	15 000	30 000	2n
Uganda	4 000	4 000	3 500	3 000	2 500	2n
Ukraine	4 200 000	3 272 713	3 500 000	3 000 000	2 800 000	2d
United Kingdom	6 576 000	6 909 000	7 100 000	7 012 000	6 600 000	2e
United States	39 702 000	39 845 000	42 150 000	42 200 000	41 700 000	2d
Venezuela	450 000	450 000	460 000	460 000	450 000	2h
Viet Nam	550 000	550 000	500 000	450 000	400 000	2n
Yemen, Republic of	250 000	200 000	200 000	150 000	130 000	2n
Yugoslavia	38 867	30 000	20 000	15 000	20 000	2n
Total	184 606 566	186 283 428	188 668 515	193 144 075	198 938 075	

Sulfur

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Abu Dhabi (UAE)	110 000	110 000	90 000	80 000	80 000	2n
Albania	2 600	2 000	2 000	1 500	1 300	2n
Algeria	25 000	25 000	26 000	26 000	25 000	2n
Australia	500 000	500 000	450 000	400 000	350 000	2n
Austria	7 656	9 266	10 340	3 122	11 098	1e
Bahrain	50 900	27 247	41 513	40 000	40 000	2n
Bolivia	0	252	0	0	0	1a
Brazil	320 000	250 000	256 755	230 000	234 707	1a
Bulgaria	17 781	15 000	25 301	26 624	25 033	2n
Canada	8 110 000	8 154 000	9 014 000	8 131 000	8 502 600	2e
Chile	824	1 000	2 488	0	0	1e
China	6 000 000	5 400 000	5 400 000	5 470 000	6 000 000	2h
Colombia	51 396	53 357	60 000	49 400	53 541	1e
Cuba	100	100	0	0	0	1e
DPR Korea	160 000	160 000	150 000	140 000	130 000	2n
Ecuador	14 000	14 000	13 500	13 000	12 500	2n
Egypt	8 000	8 000	7 000	7 000	6 500	2n
Finland	345 266	366 621	422 212	440 037	374 736	1a
France	1 105 000	1 111 200	1 065 000	989 700	960 000	2d
Germany, Federal Rep.	922 977	820 476	1 003 468	1 000 689	1 085 306	1a
Greece	83 129	56 000	50 020	26 445	15 440	1e
India	15 582	19 050	15 000	14 000	13 000	2n
Indonesia	3 300	3 300	3 000	3 165	9 177	1e
Iran	800 000	860 000	1 105 000	1 300 000	1 120 000	1a
Iraq	800 000	600 000	600 000	475 000	475 000	2d
Italy	377 070	258 368	250 000	250 000	200 000	2n
Japan	2 669 000	2 600 000	2 900 000	1 827 000	633 369	1a
Kazakhstan	150 000	150 000	140 000	97 000	100 000	2n
Korea, Republic of	530 000	0	0	0	0	1a
Kuwait	470 000	467 924	277 798	605 963	600 000	2n
Libya	20 000	20 000	19 000	22 000	24 000	2n
Malaysia	48	0	0	0	0	1h
Mexico	905 713	876 897	882 414	921 349	923 352	1e
Namibia	56 852	60 817	62 000	45 338	46 476	1e
New Zealand	6 600	2 102	0	0	0	1h
Norway	42 668	43 000	43 000	42 900	42 500	1a
Pakistan	505	545	500	500	210	1a
Peru	70 000	66 000	65 000	60 000	55 000	2n
Poland	1 861 000	2 134 000	2 392 000	1 744 000	2 079 000	1a
Qatar	70 199	62 300	53 900	53 000	50 000	2n
Romania	225 000	150 000	130 000	120 000	110 000	2n
Russia	2 100 000	1 830 000	1 900 000	2 500 000	3 000 000	2d
Saudi Arabia	1 500 000	1 600 000	1 000 000	1 500 000	1 600 000	2n
Singapore	60 000	60 000	0	0	0	1e
South Africa, Rep. of	575 468	488 716	458 962	476 235	466 192	1e
Spain	687 000	702 000	702 000	600 000	700 000	2d
Sweden	28 000	20 000	20 000	0	0	1a
Syria	17 758	14 815	15 000	15 000	0	1a
Taiwan	153 076	154 778	150 000	152 000	153 000	2n
Turkey	69 500	100 000	100 000	90 000	80 000	2n
Turkmenistan	200 000	117 000	100 000	100 000	150 000	2n
Ukraine	1 000 000	362 273	310 000	170 000	100 000	1h
United Kingdom	202 000	205 000	205 000	200 000	150 000	2n
United States	11 002 000	11 474 000	11 798 000	11 979 000	11 900 000	2d

Venezuela	150 000	150 000	140 000	140 000	130 000	2n
Yugoslavia	130 000	120 000	100 000	80 000	100 000	2n
Zaire	8 000	8 000	7 000	7 000	6 000	2n
Zambia	32 292	30 000	30 000	25 000	22 000	2n
Zimbabwe	30 487	29 831	30 000	30 000	25 000	1e
Total	44 853 747	42 924 235	44 094 171	42 719 967	42 971 037	

Talc

C o u n t r y	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Argentina	20 046	16 850	12 474	11 777	11 000	2n
Australia	175 000	170 000	170 000	165 000	160 000	2n
Austria	136 640	130 602	131 614	152 645	141 984	1e
Brazil	420 000	440 000	440 000	470 000	452 000	1a
Canada	108 000	130 000	75 000	75 000	70 000	2n
Chile	4 569	5 375	4 107	4 276	3 986	1e
China	2 550 000	2 700 000	2 400 000	2 500 000	2 350 000	2h
Colombia	19 550	18 000	18 000	14 800	15 000	1e
DPR Korea	120 000	120 000	100 000	110 000	120 000	2n
Egypt	5 297	4 125	3 700	3 500	3 200	1n
Eritrea	0	1	0	0	0	1e
Finland	399 316	453 031	453 031	418 592	437 066	1a
France	282 000	278 000	322 000	322 300	330 000	1h
Germany, Federal Rep.	10 650	11 538	14 170	10 005	8 819	1a
Greece	1 050	400	150	180	0	1e
Guatemala	50	0	807	694	650	2n
Hungary	2 000	1 700	1 700	1 700	1 500	2n
India	469 289	470 000	456 000	462 152	600 000	2d
Iran	25 000	27 000	26 000	25 000	24 300	1a
Italy	140 939	138 416	159 106	168 000	140 816	1a
Japan	809 000	716 000	717 269	659 904	620 000	1h
Korea, Republic of	697 223	743 291	819 358	730 000	820 000	2d
Macedonia	13 100	16 500	15 000	14 500	15 000	1e
Mexico	19 755	15 000	15 000	10 100	10 000	2n
Nepal	3 000	3 000	2 362	2 300	6 500	2n
Norway	27 000	27 000	30 683	28 140	30 475	1a
Peru	10 204	19 974	20 000	25 000	25 000	2n
Portugal	9 054	8 367	8 706	8 277	7 831	1a
Romania	9 050	9 000	10 000	10 250	10 400	2n
Russia	350 000	300 000	300 000	280 000	250 000	2n
Slovakia	31 700	30 900	26 000	26 200	26 000	1e
South Africa, Rep. of	13 085	13 709	14 730	18 537	23 184	1e
Spain	58 400	80 606	112 341	362 000	380 000	2n
Sweden	20	25	25	30	25	1a
Taiwan	5 015	4 290	4 000	3 800	3 600	2n
Thailand	50 411	45 000	80 541	71 668	30 500	1h
Turkey	4 000	4 000	3 500	3 000	3 200	2n
United Kingdom	5 000	5 000	4 000	5 000	6 000	2e
United States	967 880	934 725	1 058 650	994 314	1 060 000	2d
Uruguay	1 020	913	863	800	914	1a
Zambia	150	350	380	380	350	2n
Zimbabwe	1 349	2 049	2 080	1 076	1 023	1e
Total	7 974 812	8 094 737	8 033 347	8 170 897	8 200 323	

Vermiculite

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Argentina	38	32	44	0	0	1n
Australia	200	200	200	400	400	2n
Brazil	20 000	46 000	46 000	42 000	23 000	1a
Egypt	840	1 659	772	483	447	1h
India	1 662	1 899	1 500	1 300	1 200	2n
Japan	15 000	15 000	15 000	10 000	10 000	2n
Kenya	1 961	1 113	457	450	450	2n
Mexico	134	300	200	225	350	2n
Russia	50 000	50 000	40 000	40 000	35 000	2d
South Africa, Rep. of	213 847	223 478	221 748	186 082	211 001	1e
United States	190 000	177 000	170 000	170 000	150 000	2n
Zimbabwe	5 032	8 184	13 742	10 249	14 841	1e
Total	498 714	524 865	509 663	461 189	446 689	

Zirconium

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Australia	438 000	511 000	510 000	462 000	427 000	1e
Brazil	17 000	24 000	15 000	17 000	16 000	1a
China	15 500	10 000	15 000	15 000	15 000	2d
India	15 000	20 000	20 000	18 000	21 000	2d
Malaysia	2 184	1 656	3 790	4 511	5 000	2n
South Africa, Rep. of	225 000	230 000	250 000	346 500	265 000	2d
Sri Lanka	14 000	22 321	18 000	20 000	12 450	1a
Thailand	707	326	0	5	10	2n
Ukraine	70 000	50 000	65 000	65 000	55 000	2d
United States	109 000	125 000	100 000	100 000	80 000	2n
Total	906 391	994 303	996 790	1 048 016	896 460	

6.4.5

Mineral Fuels

Energierohstoffe

Hard Coal

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Afghanistan	160 000	178 000	167 000	180 000	98 000	1a
Argentina	170 000	150 000	130 000	240 000	240 000	1h
Australia	221 426 000	228 014 000	229 500 000	206 000 000	222 000 000	1e
Bhutan	57 660	55 010	55 000	63 865	64 000	2n
Botswana	890 000	900 000	898 383	860 000	880 000	1n
Brazil	4 565 000	4 911 000	5 510 000	5 400 000	5 600 000	1n
Bulgaria	200 000	180 000	24 471	18 805	14 198	1h
Canada	58 969 000	62 123 648	63 123 648	66 000 000	68 470 000	2e
Chile	1 793 000	1 670 000	1 484 870	1 444 100	1 413 000	1e
China	1 268 000 000	1 150 400 000	1 360 000 000	1 400 000 000	1 360 000 000	2h
Colombia	21 713 000	22 527 000	26 020 000	30 065 000	32 592 000	1h
Croatia	104 617	96 000	75 000	64 000	48 500	1a
Czech Republic	23 862 000	20 910 000	21 309 000	16 394 000	16 038 000	1a
DPR Korea	41 000 000	41 000 000	40 000 000	43 300 000	70 000 000	2h
Egypt	3 000	3 000	1 207	1 000	1 200	2n
France	8 676 000	8 004 000	8 210 000	7 312 000	6 120 000	1e
Georgia	150 000	50 000	50 000	50 000	50 000	1h
Germany, Federal Rep.	58 282 312	52 407 700	53 563 599	48 196 510	46 789 987	1a
Hungary	972 000	1 011 000	855 000	963 000	925 000	1a
India	244 877 000	256 728 000	263 500 000	288 208 000	295 900 000	1h
Indonesia	27 584 418	30 951 239	38 311 877	47 338 609	54 652 295	1a
Iran	1 680 000	1 720 000	1 590 000	1 840 000	1 750 000	1a
Ireland	1 000	0	0	0	0	1e
Italy	6 337	0	0	4 787	0	1a
Japan	7 217 000	6 900 000	8 741 000	6 480 000	4 274 000	1a
Kazakhstan	107 200 000	101 500 000	101 000 000	76 600 000	69 600 000	1h
Korea, Republic of	9 443 000	7 438 849	5 670 000	5 100 000	4 500 000	1n
Kyrgystan	1 700 000	2 000 000	1 000 000	800 000	500 000	1h
Laos	3 523	3 284	3 746	3 800	4 000	2n
Malawi	52 752	50 000	50 000	71 153	63 000	1f
Malaysia	263 604	173 749	112 100	73 747	105 231	1h
Mexico	5 718 013	6 392 937	7 391 057	8 779 518	8 509 976	1e
Morocco	603 800	650 400	649 600	505 600	376 300	1e
Mozambique	8 740	10 000	40 000	35 000	35 000	2n
New Zealand	3 090 778	2 721 526	3 202 156	3 509 334	3 500 000	1n
Niger	156 310	150 000	170 971	182 022	150 000	1h
Nigeria	100 000	100 000	90 000	90 000	90 000	1n
Norway	306 078	301 190	292 094	229 636	386 440	1a
Pakistan	2 922 112	3 082 221	3 010 000	3 402 000	3 300 000	1h
Peru	82 710	83 160	80 000	82 000	80 000	1h
Philippines	1 531 487	1 458 071	1 320 000	1 700 000	1 100 000	1h
Poland	131 403 000	134 078 000	135 523 000	136 272 000	132 576 000	1a
Portugal	197 278	147 154	150 000	150 000	100 000	2n
Romania	4 227 500	4 789 400	4 900 000	5 338 900	4 300 000	1h
Russia	200 000 000	180 700 000	170 500 000	194 900 000	161 000 000	1h
South Africa, Rep. of	182 276 177	195 805 440	204 275 895	206 362 033	218 617 320	1e
Spain	18 237 000	13 984 000	17 689 000	18 866 000	17 993 000	1e
Swaziland	49 644	227 730	171 670	128 970	180 000	1h

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Taiwan	327 978	285 099	234 965	147 497	98 203	1e
Tajikistan	200 000	200 000	200 000	150 000	100 000	2n
Tanzania	40 248	42 000	43 200	52 000	100 000	2n
Thailand	22 000	22 000	0	0	0	1h
Turkey	5 000 000	4 210 780	3 377 334	3 320 000	4 444 865	1a
Ukraine	90 000 000	85 000 000	80 000 000	67 200 000	73 900 000	1h
United Kingdom	68 199 000	48 971 000	52 630 000	50 196 000	48 600 000	2e
United States	776 483 000	857 675 000	856 019 000	883 390 320	908 400 000	1n
Uzbekistan	4 700 000	4 000 000	3 100 000	2 844 000	3 130 000	2h
Venezuela	3 956 336	4 600 000	4 600 000	4 127 789	5 280 000	2h
Viet Nam	5 500 000	6 100 000	7 200 000	8 000 000	10 700 000	1h
Yugoslavia	73 491	82 000	57 000	63 000	92 000	2h
Zambia	301 496	160 000	0	98 500	98 000	1n
Zimbabwe	5 284 734	4 566 437	4 743 486	5 174 685	5 300 749	1e
Total	3 622 021 133	3 562 651 024	3 792 616 329	3 858 369 180	3 875 230 264	

Lignite

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Albania	135 000	120 112	80 262	68 936	38 900	1a
Australia	50 459 000	48 682 000	48 100 000	55 000 000	61 000 000	1e
Austria	1 691 175	1 368 717	1 249 299	1 108 058	1 130 339	1e
Bulgaria	28 770 000	25 429 000	27 448 896	28 103 868	26 929 000	1a
Canada	10 046 000	10 684 628	10 968 897	10 000 000	10 000 000	2n
China	50 000 000	41 730 000	44 600 000	45 000 000	30 000 000	1n
Croatia	10 000	7 000	7 000	2 000	0	1a
Czech Republic	68 154 000	60 728 000	58 773 000	56 366 000	53 825 000	1a
DPR Korea	14 000 000	14 000 000	10 000 000	13 000 000	21 000 000	2h
France	1 670 000	1 500 000	1 400 000	798 000	690 000	1e
Germany, Federal Rep.	221 831 510	207 095 800	192 753 226	187 179 239	177 159 767	1a
Greece	54 817 062	57 532 515	56 553 231	59 737 680	58 939 419	1e
Hungary	14 066 000	12 739 000	13 942 000	14 508 000	15 246 000	1a
India	18 010 000	19 257 000	22 000 000	22 540 000	25 000 000	1h
Italy	1 075 761	509 247	352 293	223 400	222 421	1a
Kazakhstan	4 700 000	2 500 000	2 100 000	1 800 000	3 000 000	1h
Macedonia	7 017 108	7 018 087	7 353 093	7 723 000	7 443 000	1e
Mongolia	5 062 000	5 000 000	5 100 000	4 922 000	4 500 000	2n
Myanmar	31 654	72 546	34 708	44 412	22 537	1h
Nepal	11 000	11 000	6 048	5 500	8 200	2n
New Zealand	300 000	182 984	242 882	109 982	200 000	1n
Poland	68 149 000	66 782 000	63 545 000	63 845 000	63 197 000	1a
Romania	35 523 900	35 404 300	35 671 100	36 326 000	29 000 000	1h
Russia	100 000 000	90 300 000	91 700 000	60 100 000	83 000 000	1h
Slovakia	3 700 000	4 078 240	3 759 572	3 829 062	3 914 000	1e
Slovenia	5 131 993	4 854 000	4 883 700	4 668 080	5 000 000	1h
Spain	13 347 000	15 499 000	10 775 000	9 604 000	8 462 000	1e
Thailand	15 592 359	17 099 654	18 418 738	21 685 894	23 443 000	1h
Turkey	47 827 000	55 038 339	56 031 099	50 000 000	56 093 384	1a
Ukraine	5 000 000	4 148 000	3 600 000	3 100 000	2 000 000	1h
United Kingdom	3 000	2 000	1 000	0	0	2e
United States	77 609 000	79 906 000	78 109 000	80 609 680	79 000 000	1n
Yugoslavia	530 906	529 000	39 939	37 828	42 313	1h
Total	924 271 428	889 808 169	869 598 983	842 045 619	849 506 280	

Natural Gas

Country	1993 Mio m3	1994 Mio m3	1995 Mio m3	1996 Mio m3	1997 Mio m3	Rem
Abu Dhabi (UAE)	18 860	19 000	17 500	16 000	16 000	2n
Afghanistan	2 000	1 200	1 415	1 500	1 000	2n
Albania	82	52	28	23	18	1a
Algeria	57 000	58 000	59 000	60 600	64 000	2i
Angola	560	580	600	500	450	2n
Argentina	19 400	20 000	20 000	27 300	29 500	2i
Australia	25 477	28 147	29 718	29 799	30 619	1e
Austria	1 488	1 355	1 482	1 492	1 428	1e
Azerbaijan	6 683	5 571	6 644	6 337	5 964	1h
Bahrain	9 799	9 947	10 054	5 880	5 800	2n
Bangladesh	5 741	7 004	7 000	7 875	9 000	2i
Barbados	10	28	29	29	27	2n
Belorussia	294	270	280	249	245	2n
Bolivia	3 117	3 160	3 155	3 220	5 321	1a
Brazil	7 210	7 508	8 115	9 182	9 847	2h
Brunei	9 901	8 400	11 150	12 000	9 400	2i
Bulgaria	62	50	43	42	38	1a
Canada	138 800	143 000	148 203	152 985	156 842	2e
Chile	4 000	4 240	3 783	3 632	3 211	1e
China	15 800	16 600	18 000	19 000	24 000	2h
Colombia	5 375	4 500	4 500	4 800	5 800	2i
Croatia	2 049	1 800	1 966	1 957	1 717	1a
Cuba	23	20	17	19	37	1e
Czech Republic	106	154	165	251	229	1a
Denmark	4 000	4 300	6 321	5 710	7 000	1h
Dubai (UAE)	4 134	4 100	3 000	2 500	2 500	2n
Ecuador	2 900	3 000	3 000	3 200	3 500	2n
Egypt	10 000	12 000	12 500	12 800	14 000	2i
France	3 500	3 500	3 300	2 800	2 700	1e
Gabon	85	76	76	80	85	2n
Georgia	19	15	10	6	6	2n
Germany, Federal Rep.	20 330	20 442	21 452	23 059	21 122	1a
Greece	81	0	0	38	38	1e
Guatemala	8	8	7	6	6	2n
Hungary	5 281	5 345	5 183	4 756	4 513	1a
India	13 912	14 644	16 922	18 215	20 500	2i
Indonesia	75 391	75 433	84 660	92 300	90 294	1a
Iran	27 070	31 750	23 200	24 800	48 100	1a
Iraq	2 500	3 000	3 000	3 500	3 500	2i
Ireland	2 690	2 710	3 700	2 740	2 410	1e
Israel	23	22	25	16	15	2n
Italy	19 400	20 341	20 383	20 218	19 123	1a
Japan	2 170	2 270	2 209	2 230	2 279	1a
Jordan	310	350	350	235	291	1a
Kazakhstan	5 716	5 310	4 333	3 352	4 000	2n
Kuwait	4 500	5 000	10 868	10 892	12 000	2i
Kyrgystan	40	37	35	35	30	2n
Libya	6 870	6 904	6 849	6 950	8 000	2i
Malaysia	23 000	31 025	35 600	32 400	40 000	2i
Mexico	37 002	26 000	26 000	29 900	29 000	2i
Morocco	24	25	30	25	25	2n

Myanmar	801	1 019	1 447	1 800	1 800	2i
Netherlands	83 274	84 000	78 300	95 432	81 800	1a
New Zealand	5 383	5 000	4 462	5 364	5 500	2n
Nigeria	5 650	5 537	5 427	5 500	5 000	2i
Norway	27 300	30 000	31 100	41 100	45 600	2w
Oman	6 423	7 000	5 120	7 260	8 000	2n
Pakistan	16 524	17 676	23 200	19 760	19 759	1a
Papua New Guinea	81	100	107	110	100	2i
Peru	960	1 000	1 428	1 150	1 100	2n
Poland	4 595	4 319	4 718	4 608	4 500	1a
Qatar	11 376	14 000	11 659	10 600	13 700	2i
Romania	21 190	22 000	19 026	18 165	18 000	2i
Russia	606 550	565 420	595 400	587 657	571 000	2h
Saudi Arabia	36 186	37 995	40 661	43 910	43 000	2i
Senegal	0	0	0	50	60	2n
Sharjah (UAE)	6 201	6 000	4 000	4 500	4 500	2n
Slovakia	200	200	345	317	289	1e
Slovenia	17	13	18	13	15	2h
Spain	700	200	415	466	178	1e
Switzerland	2	1	0	0	0	1a
Syria	2 123	2 301	2 902	2 930	3 000	2n
Taiwan	826	866	889	874	849	1e
Tajikistan	50	37	30	43	40	2n
Thailand	8 528	10 726	10 400	10 500	13 000	2i
Trinidad and Tobago	6 170	6 500	7 762	8 100	8 000	2i
Tunisia	178	159	121	794	1 653	1e
Turkey	210	199	182	204	200	2n
Turkmenistan	65 000	35 000	30 000	35 200	17 300	1h
Ukraine	20 000	19 221	20 000	18 400	18 100	1h
United Kingdom	60 435	46 534	76 000	89 200	92 000	2i
United States	519 730	670 518	679 834	537 200	537 700	2i
Uzbekistan	45 000	37 260	47 000	49 000	51 200	2h
Venezuela	24 400	25 000	25 000	30 200	28 000	2i
Yugoslavia	962	824	906	671	688	2h
Total	2 191 818	2 274 818	2 373 719	2 298 513	2 311 161	

Oil

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Abu Dhabi (UAE)	95 400 000	95 400 000	97 797 188	89 478 400	89 313 300	2i
Albania	568 000	535 345	520 866	488 214	359 700	1a
Algeria	56 300 000	55 900 000	56 600 000	38 100 000	39 500 000	2i
Angola	24 980 000	26 100 000	32 338 270	36 510 950	37 000 000	2i
Argentina	29 700 000	33 800 000	37 345 486	40 000 000	44 600 000	2i
Australia	23 110 400	31 247 200	29 383 000	31 579 000	33 947 000	1e
Austria	1 193 117	1 145 322	1 076 987	1 024 843	1 011 063	1e
Azerbaijan	9 560 000	8 881 240	9 161 300	9 069 687	9 027 000	1h
Bahrain	2 125 000	2 200 000	1 971 295	1 900 000	1 800 000	2i
Bangladesh	51 735	52 000	52 000	68 000	69 000	2n
Barbados	65 961	61 666	62 000	62 000	60 000	2n

Belorussia	2 005 300	2 000 000	2 000 000	1 860 000	1 800 000	2n
Benin	168 823	156 478	160 000	155 000	150 000	2n
Bolivia	1 144 223	1 200 000	1 616 914	1 720 690	1 902 536	1a
Brazil	32 551 000	40 182 000	40 880 000	51 600 000	56 000 000	2i
Brunei	8 530 582	8 866 945	8 731 541	9 400 000	9 900 000	2i
Bulgaria	42 504	36 000	27 346	33 900	27 750	1a
Cameroon	6 343 000	5 998 228	4 329 156	4 300 000	4 100 000	2n
Canada	102 600 000	104 600 000	114 372 000	116 832 000	122 463 700	2e
Chile	825 082	714 088	605 100	532 700	489 043	1e
China	144 000 000	146 000 000	149 000 000	156 000 000	162 000 000	2h
Colombia	23 691 763	23 735 118	31 587 188	32 596 919	34 700 000	2i
Congo	9 410 000	9 500 000	8 971 262	10 536 017	11 000 000	2n
Croatia	1 727 000	1 800 000	1 500 271	1 600 000	1 496 000	1a
Cuba	1 131 000	1 200 000	1 470 800	1 475 900	1 461 500	1e
Czech Republic	107 000	131 000	149 000	152 800	159 000	1a
Denmark	8 743 240	10 730 000	10 788 432	10 290 000	13 400 000	1h
Dubai (UAE)	19 600 000	19 600 000	16 169 135	18 383 800	18 350 000	2i
Ecuador	17 927 861	19 000 000	20 081 023	20 100 000	19 300 000	2i
Egypt	46 485 880	44 800 000	47 672 869	46 900 000	46 400 000	2i
Equatorial Guinea	208 000	210 000	210 000	208 000	205 000	2n
France	2 750 000	3 132 000	2 830 000	2 107 000	1 780 000	1e
Gabon	15 000 000	17 473 098	18 777 060	18 600 000	18 600 000	2i
Georgia	94 286	90 000	85 000	128 000	143 000	1h
Germany, Federal Rep.	3 052 038	2 946 290	2 958 794	2 848 341	2 820 078	1a
Greece	571 430	557 310	469 397	534 222	436 000	1e
Guatemala	624 682	700 000	487 948	761 039	800 000	2n
Hungary	1 711 190	1 651 000	1 658 600	1 477 000	1 355 400	1a
India	26 994 000	32 203 000	37 400 000	31 480 000	37 300 000	2i
Indonesia	78 643 286	78 690 714	78 137 720	79 155 168	78 497 110	1a
Iran	190 842 857	181 500 000	173 000 000	184 000 000	191 000 000	1a
Iraq	23 500 000	36 515 950	31 555 893	29 600 000	56 300 000	2i
Israel	7 953	5 291	9 146	8 768	8 500	2n
Italy	4 584 000	4 928 898	5 207 980	5 429 849	5 892 055	1a
Japan	774 000	789 000	861 000	837 162	842 000	1a
Jordan	1 616	1 600	1 600	1 700	2 097	1a
Kazakhstan	23 756 000	24 000 000	19 968 000	21 466 000	25 800 000	2h
Kuwait	98 142 857	104 838 585	104 663 104	104 609 088	106 500 000	2i
Kyrgystan	135 000	130 000	130 000	130 000	120 000	2n
Libya	75 714 285	66 600 000	68 600 000	78 573 253	68 000 000	2i
Lithuania	72 100	78 500	115 000	161 200	213 000	1a
Malaysia	33 475 700	34 080 364	36 656 429	34 100 000	35 500 000	2i
Mexico	144 435 714	156 800 000	152 700 000	162 500 000	169 300 000	2i
Morocco	10 000	8 000	2 900	2 000	2 933	1e
Myanmar	771 660	743 080	814 530	550 000	600 000	2n
Netherlands	3 261 457	4 321 000	3 210 000	3 000 000	2 470 000	1a
New Zealand	1 864 400	1 900 000	1 502 165	1 500 000	1 600 000	2n
Nigeria	102 050 000	104 317 000	100 405 113	111 300 000	119 527 523	1e
Norway	114 400 000	126 000 000	133 004 175	158 400 000	160 800 000	2i
Oman	40 642 857	42 509 178	44 744 966	46 156 700	44 900 000	2i
Pakistan	3 127 914	2 954 397	2 715 100	1 035 196	3 039 550	1a
Papua New Guinea	6 554 857	5 716 000	5 001 500	5 430 200	5 500 000	2n
Peru	6 537 730	6 573 400	6 358 122	6 287 600	6 400 000	2i
Philippines	484 285	238 643	157 190	100 000	90 000	2n
Poland	178 000	197 000	176 000	317 000	181 030	1a

Qatar	21 700 000	21 600 000	24 305 861	24 900 000	25 100 000	2i
Ras Al-Khaimah (UAE)	50 000	50 000	24 000	46 700	46 800	2i
Romania	6 673 000	6 700 000	6 700 033	6 610 000	6 700 000	2i
Russia	391 000 000	316 000 000	325 990 625	301 000 000	346 576 400	2h
Saudi Arabia	425 071 438	402 800 000	402 800 000	400 900 000	415 900 000	2i
Sharjah (UAE)	417 143	417 268	240 000	391 100	395 400	2i
Slovakia	52 000	67 078	74 300	71 314	64 480	1e
Slovenia	2 079	1 716	1 858	1 405	1 900	2h
Spain	874 834	806 000	652 000	516 000	380 000	1e
Suriname	260 000	328 599	371 540	414 410	420 000	2n
Sweden	599	500	0	0	0	1a
Syria	29 326 280	28 102 991	31 947 082	31 700 000	29 500 000	2i
Taiwan	63 268	62 787	62 000	0	0	1e
Tajikistan	39 000	38 000	38 000	30 000	28 000	2n
Thailand	1 302 714	1 309 107	1 165 921	1 064 890	1 000 000	2n
Trinidad and Tobago	6 380 000	6 300 000	6 803 502	7 000 000	6 800 000	2n
Tunisia	4 641 000	4 364 000	4 215 000	4 183 000	3 793 000	1e
Turkey	3 894 000	3 684 648	3 515 689	3 500 193	3 427 814	1a
Turkmenistan	4 714 300	4 100 000	4 000 000	4 400 000	4 700 000	1h
Ukraine	4 263 000	4 248 200	4 500 000	4 100 000	4 100 000	1h
United Kingdom	98 950 000	119 032 000	121 800 000	122 500 000	119 500 000	2e
United States	357 011 286	347 479 927	389 200 000	400 300 000	398 100 000	2i
Uzbekistan	2 806 000	2 500 000	5 000 000	7 600 000	7 891 000	2h
Venezuela	127 750 000	127 700 000	135 400 000	153 900 000	162 300 000	2i
Viet Nam	6 200 000	5 600 000	7 849 854	8 300 000	8 500 000	2n
Yemen, Republic of	10 575 980	17 400 000	19 220 407	18 000 000	18 500 000	2i
Yugoslavia	1 146 000	1 078 000	1 066 000	1 030 000	979 000	2h
Zaire	1 172 000	1 300 000	1 200 000	1 200 000	1 000 000	2n
Total	3 181 398 546	3 162 042 749	3 259 138 533	3 329 204 318	3 474 015 662	

Oil Shale

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Austria	195	330	498	500	520	1e
Estonia	18 532 800	14 500 000	13 500 000	14 000 000	14 382 723	1a
France	53 000	50 000	32 300	28 500	22 000	1e
Germany, Federal Rep.	360 237	338 740	347 681	293 758	354 262	1a
Italy	10 324	9 014	9 320	22 000	20 000	2n
Russia	7 000 000	7 000 000	2 300 000	2 200 000	2 000 000	2n
Total	25 956 556	21 898 084	16 189 799	16 544 758	16 779 505	

Uranium

Country	1993 metr.t	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	Rem
Argentina	148	92	68	27	35	1n
Australia	2 540	2 604	4 378	5 831	5 797	1e
Brazil	50	95	103	147	0	1n
Canada	10 631	9 719	10 238	11 723	11 416	2e
China	780	780	780	500	500	1h
Czech Republic	1 200	633	721	716	140	1a
France	1 815	1 272	857	841	579	1e

Gabon	649	509	640	565	472	1n
Germany, Federal Rep.	116	47	35	39	23	1a
India	240	290	200	180	200	1n
Kazakhstan	3 184	1 546	1 388	1 320	1 000	2h
Mongolia	120	140	150	181	150	2n
Namibia	2 168	2 485	2 007	2 886	3 426	1n
Niger	3 429	2 964	2 330	3 919	3 497	1n
Portugal	38	28	22	17	17	1a
Russia	3 420	3 000	2 250	2 400	2 000	2h
South Africa, Rep. of	2 008	1 906	1 699	1 706	1 324	1e
Spain	216	363	334	346	350	1e
Ukraine	1 179	500	500	550	500	1h
United States	1 389	1 289	2 324	2 400	2 170	1h
Uzbekistan	3 538	3 000	3 000	1 700	1 955	2h
Total	38 858	33 262	34 024	37 994	35 551	

6.5 *Share of Mineral Production 1997
by Country*

*Anteile der Länder an der
Weltproduktion 1997*

6.5.1 *Iron and Ferro-Alloy Metals
Eisen und Stahlveredler*

Iron

Rank 97	Rank 96	Country	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Brazil	108 286 000	18.36	18.36
2	(2)	Australia	100 583 910	17.05	35.41
3	(3)	China	79 680 000	13.51	48.92
4	(4)	Ukraine	53 000 000	8.98	57.90
5	(6)	India	46 900 000	7.95	65.85
6	(5)	Russia	38 940 000	6.60	72.45
7	(7)	United States	38 000 000	6.44	78.90
8	(8)	Canada	22 744 000	3.86	82.75
9	(9)	South Africa, Rep. of	19 920 000	3.38	86.13
10	(11)	Venezuela	15 775 200	2.67	88.80
11	(10)	Kazakhstan	13 700 000	2.32	91.13
12	(12)	Sweden	9 809 205	1.66	92.79
13	(13)	Mauritania	7 500 000	1.27	94.06
14	(14)	Chile	5 330 180	0.90	94.96
15	(16)	Mexico	5 023 826	0.85	95.82
16	(15)	Iran	4 828 300	0.82	96.63
17	(17)	Turkey	4 112 421	0.70	97.33
18	(18)	DPR Korea	3 700 000	0.63	97.96
19	(19)	Peru	2 965 889	0.50	98.46
20	(23)	Norway	1 626 000	0.28	98.74
21	(20)	New Zealand	1 450 000	0.25	98.98
22	(24)	Egypt	1 233 000	0.21	99.19
23	(22)	Algeria	883 980	0.15	99.34
24	(21)	Spain	580 000	0.10	99.44
25	(25)	Austria	575 924	0.10	99.54
26	(27)	Colombia	442 474	0.08	99.61
27	(32)	Zimbabwe	287 419	0.05	99.66
28	(28)	Malaysia	269 087	0.05	99.71
29	(30)	Indonesia	268 094	0.05	99.75
30	(29)	Slovakia	264 174	0.04	99.80
31	(31)	Bulgaria	260 550	0.04	99.84
32	(34)	Yugoslavia	150 000	0.03	99.87
33	(26)	France	145 300	0.02	99.89
34	(36)	Tunisia	136 080	0.02	99.92
35	(33)	Romania	110 373	0.02	99.93
36	(35)	Saudi Arabia	110 000	0.02	99.95
37	(37)	Korea, Republic of	100 000	0.02	99.97
38	(39)	Nigeria	72 484	0.01	99.98

39	(38)	Thailand	44 000	0.01	99.99
40	(40)	Germany, Federal Rep.	32 046	0.01	99.99
41	(41)	Portugal	7 933	0.00	100.00
42	(42)	Morocco	7 207	0.00	100.00
43	(43)	Albania	6 000	0.00	100.00
44	(44)	Guatemala	5 000	0.00	100.00
45	(46)	Uruguay	2 210	0.00	100.00
46	(0)	Pakistan	2 015	0.00	100.00
47	(45)	Japan	1 537	0.00	100.00
48	(47)	United Kingdom	276	0.00	100.00
		Total	589 872 094	100.00	

Chromium

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	2 468 629	45.08	45.08
2	(2)	Turkey	812 793	14.84	59.93
3	(3)	India	644 000	11.76	71.69
4	(4)	Kazakhstan	430 000	7.85	79.54
5	(6)	Finland	350 648	6.40	85.94
6	(5)	Zimbabwe	301 390	5.50	91.45
7	(7)	Brazil	112 274	2.05	93.50
8	(8)	China	75 000	1.37	94.87
9	(11)	Russia	65 250	1.19	96.06
10	(10)	Iran	62 145	1.13	97.19
11	(9)	Madagascar	58 800	1.07	98.27
12	(12)	Albania	22 000	0.40	98.67
13	(13)	Philippines	16 673	0.30	98.97
14	(15)	Cuba	14 553	0.27	99.24
15	(17)	Sudan	13 300	0.24	99.48
16	(14)	Pakistan	7 478	0.14	99.62
17	(18)	Oman	7 160	0.13	99.75
18	(16)	Greece	5 050	0.09	99.84
19	(19)	Afghanistan	3 250	0.06	99.90
20	(0)	Indonesia	2 156	0.04	99.94
21	(20)	Japan	1 800	0.03	99.97
22	(21)	Viet Nam	1 300	0.02	100.00
23	(22)	Myanmar	130	0.00	100.00
		Total	5 475 779	100.00	

Cobalt

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Zambia	5 126	24.94	24.94
2	(3)	Russia	3 300	16.05	40.99
3	(2)	Zaire	3 153	15.34	56.33
4	(4)	Australia	2 500	12.16	68.49
5	(5)	Canada	2 200	10.70	79.19

6	(6)	Cuba	1 950	9.49	88.68
7	(7)	Morocco	785	3.82	92.49
8	(9)	China	450	2.19	94.68
9	(8)	Botswana	348	1.69	96.38
10	(11)	South Africa, Rep. of	319	1.55	97.93
11	(10)	Kazakhstan	300	1.46	99.39
12	(12)	Zimbabwe	126	0.61	100.00
		Total	20 557	100.00	

Manganese

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(4)	Australia	1 647 000	19.57	19.57
2	(1)	South Africa, Rep. of	1 341 884	15.95	35.52
3	(5)	China	1 200 000	14.26	49.78
4	(2)	Ukraine	1 030 000	12.24	62.01
5	(3)	Gabon	988 000	11.74	73.75
6	(6)	Brazil	849 600	10.10	83.85
7	(7)	India	706 800	8.40	92.25
8	(8)	Mexico	192 825	2.29	94.54
9	(10)	Ghana	132 977	1.58	96.12
10	(9)	Kazakhstan	120 000	1.43	97.55
11	(13)	Iran	45 900	0.55	98.09
12	(11)	Georgia	35 112	0.42	98.51
13	(14)	Romania	20 647	0.25	98.75
14	(15)	Chile	19 102	0.23	98.98
15	(16)	Indonesia	18 600	0.22	99.20
16	(12)	Namibia	17 104	0.20	99.41
17	(18)	Bulgaria	14 215	0.17	99.57
18	(17)	Morocco	13 863	0.16	99.74
19	(19)	Hungary	12 900	0.15	99.89
20	(20)	Thailand	3 500	0.04	99.93
21	(22)	Italy	2 128	0.03	99.96
22	(21)	Greece	1 800	0.02	99.98
23	(23)	Egypt	1 500	0.02	100.00
24	(24)	Colombia	130	0.00	100.00
		Total	8 415 587	100.00	

Molybdenum

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	55 500	43.16	43.16
2	(2)	China	25 000	19.44	62.60
3	(3)	Chile	21 339	16.60	79.20
4	(4)	Canada	7 540	5.86	85.06
5	(5)	Mexico	4 842	3.77	88.83
6	(6)	Russia	4 000	3.11	91.94
7	(7)	Peru	3 835	2.98	94.92

8	(8)	Iran	2 600	2.02	96.94
9	(9)	Mongolia	2 200	1.71	98.65
10	(11)	Armenia	680	0.53	99.18
11	(10)	Uzbekistan	650	0.51	99.69
12	(12)	Kazakhstan	400	0.31	100.00
Total			128 586	100.00	

Nickel

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Russia	260 000	24.82	24.82
2	(2)	Canada	180 600	17.24	42.06
3	(4)	Australia	134 000	12.79	54.85
4	(3)	New Caledonia	114 400	10.92	65.77
5	(6)	Cuba	61 500	5.87	71.64
6	(5)	Indonesia	56 599	5.40	77.04
7	(7)	China	39 900	3.81	80.85
8	(8)	South Africa, Rep. of	34 830	3.32	84.17
9	(9)	Dominican Republic	32 500	3.10	87.28
10	(10)	Colombia	24 774	2.36	89.64
11	(12)	Botswana	20 600	1.97	91.61
12	(13)	Brazil	18 199	1.74	93.34
13	(11)	Greece	17 609	1.68	95.03
14	(14)	Philippines	17 400	1.66	96.69
15	(16)	Zimbabwe	10 134	0.97	97.65
16	(15)	Kazakhstan	10 000	0.95	98.61
17	(17)	Macedonia	4 900	0.47	99.08
18	(18)	Finland	3 043	0.29	99.37
19	(20)	Yugoslavia	2 700	0.26	99.62
20	(19)	Norway	2 435	0.23	99.86
21	(21)	United States	1 500	0.14	100.00
Total			1 047 623	100.00	

Tantalum-Columbium

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Brazil	45 385	89.82	89.82
2	(2)	Canada	4 500	8.91	98.73
3	(3)	Australia	290	0.57	99.30
4	(4)	Rwanda	256	0.51	99.81
5	(5)	Ethiopia	60	0.12	99.93
6	(6)	Nigeria	20	0.04	99.97
7	(7)	Zaire	10	0.02	99.99
8	(8)	Bolivia	7	0.01	100.00
Total			50 528	100.00	

Titanium

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Australia	1 472 612	33.67	33.67
2	(2)	South Africa, Rep. of	1 040 000	23.78	57.44
3	(3)	Canada	650 000	14.86	72.31
4	(4)	Norway	246 903	5.64	77.95
5	(5)	Ukraine	200 000	4.57	82.52
6	(7)	India	155 000	3.54	86.07
7	(6)	Sierra Leone	150 000	3.43	89.50
8	(8)	United States	130 000	2.97	92.47
9	(9)	China	100 000	2.29	94.75
10	(10)	Malaysia	70 000	1.60	96.35
11	(11)	Brazil	54 216	1.24	97.59
12	(13)	Viet Nam	35 000	0.80	98.39
13	(14)	Russia	26 000	0.59	98.99
14	(12)	Sri Lanka	21 940	0.50	99.49
15	(15)	Kazakhstan	13 000	0.30	99.79
16	(16)	Egypt	9 300	0.21	100.00
		Total	4 373 971	100.00	

Tungsten

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	24 000	80.30	80.30
2	(2)	Austria	1 916	6.41	86.71
3	(3)	Portugal	1 029	3.44	90.15
4	(4)	Bolivia	647	2.16	92.31
5	(5)	Russia	500	1.67	93.99
6	(6)	DPR Korea	450	1.51	95.49
7	(8)	Uzbekistan	300	1.00	96.50
8	(7)	Peru	279	0.93	97.43
9	(9)	Kazakhstan	200	0.67	98.10
10	(10)	Mexico	179	0.60	98.70
11	(12)	United States	100	0.33	99.03
12	(11)	Rwanda	78	0.26	99.29
13	(15)	Thailand	54	0.18	99.47
14	(13)	Brazil	51	0.17	99.65
15	(14)	Tajikistan	50	0.17	99.81
16	(16)	Uganda	40	0.13	99.95
17	(18)	Myanmar	14	0.05	99.99
18	(0)	Zimbabwe	2	0.01	100.00
		Total	29 889	100.00	

Vanadium

Rank 97	Rank 96	Country	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	16 000	42.78	42.78
2	(2)	Russia	11 000	29.41	72.19
3	(3)	China	7 000	18.72	90.91
4	(4)	United States	2 500	6.68	97.59
5	(5)	Kazakhstan	900	2.41	100.00
		Total	37 400	100.00	

6.5.2

Non-Ferrous Metals

Nichteisenmetalle

Aluminium

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	3 600 000	17.29	17.29
2	(3)	Russia	2 380 000	11.43	28.72
3	(2)	Canada	2 327 200	11.18	39.89
4	(4)	China	2 050 000	9.84	49.74
5	(5)	Australia	1 589 000	7.63	57.37
6	(6)	Brazil	1 189 000	5.71	63.08
7	(7)	Norway	918 600	4.41	67.49
8	(9)	South Africa, Rep. of	682 900	3.28	70.77
9	(8)	Venezuela	640 800	3.08	73.85
10	(10)	Germany, Federal Rep.	571 940	2.75	76.59
11	(11)	India	547 400	2.63	79.22
12	(12)	Bahrain	489 900	2.35	81.58
13	(13)	France	399 300	1.92	83.49
14	(14)	Spain	359 900	1.73	85.22
15	(15)	New Zealand	310 200	1.49	86.71
16	(25)	Dubai (UAE)	250 000	1.20	87.91
17	(17)	United Kingdom	247 700	1.19	89.10
18	(18)	Netherlands	231 800	1.11	90.21
19	(19)	Tajikistan	188 900	0.91	91.12
20	(20)	Italy	187 700	0.90	92.02
21	(22)	Argentina	183 700	0.88	92.91
22	(21)	Egypt	178 200	0.86	93.76
23	(24)	Ghana	151 600	0.73	94.49
24	(23)	Greece	141 500	0.68	95.17
25	(26)	Iceland	122 900	0.59	95.76
26	(31)	Slovakia	110 100	0.53	96.29
27	(16)	Iran	107 000	0.51	96.80
28	(29)	Ukraine	100 000	0.48	97.28
29	(28)	Sweden	99 000	0.48	97.76
30	(30)	Cameroon	90 900	0.44	98.19
31	(34)	Yugoslavia	80 600	0.39	98.58
32	(27)	Slovenia	74 400	0.36	98.94
33	(32)	Turkey	62 000	0.30	99.24
34	(33)	Poland	53 614	0.26	99.49
35	(35)	Hungary	33 671	0.16	99.66
36	(37)	Switzerland	27 300	0.13	99.79
37	(36)	Suriname	23 100	0.11	99.90
38	(38)	Japan	16 694	0.08	99.98
39	(39)	Azerbaijan	4 717	0.02	100.00
		Total	20 823 236	100.00	

Antimony

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	101 000	80.42	80.42
2	(2)	Russia	6 000	4.78	85.19
3	(3)	Bolivia	5 985	4.77	89.96
4	(4)	South Africa, Rep. of	3 415	2.72	92.68
5	(5)	Kyrgystan	2 500	1.99	94.67
6	(10)	Mexico	1 909	1.52	96.19
7	(7)	Australia	1 300	1.04	97.22
8	(9)	Guatemala	880	0.70	97.92
9	(8)	Turkey	810	0.64	98.57
10	(6)	Canada	652	0.52	99.09
11	(11)	Tajikistan	600	0.48	99.57
12	(12)	Peru	242	0.19	99.76
13	(13)	United States	240	0.19	99.95
14	(14)	Thailand	64	0.05	100.00
		Total	125 597	100.00	

Arsenic

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	15 000	42.12	42.12
2	(2)	Chile	9 000	25.27	67.39
3	(3)	Mexico	2 999	8.42	75.81
4	(4)	Philippines	2 000	5.62	81.43
5	(5)	Namibia	2 000	5.62	87.04
6	(6)	Kazakhstan	1 500	4.21	91.26
7	(7)	Russia	1 500	4.21	95.47
8	(9)	Peru	837	2.35	97.82
9	(8)	Japan	420	1.18	99.00
10	(10)	Bolivia	282	0.79	99.79
11	(11)	Iran	75	0.21	100.00
		Total	35 613	100.00	

Bauxite

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Australia	44 878 000	35.82	35.82
2	(2)	Guinea	19 250 000	15.36	51.18
3	(4)	Jamaica	11 988 000	9.57	60.75
4	(3)	Brazil	11 671 000	9.32	70.07
5	(6)	China	8 000 000	6.39	76.45
6	(5)	India	5 800 000	4.63	81.08
7	(7)	Venezuela	5 500 000	4.39	85.47

8	(8)	Suriname	3 877 000	3.09	88.57
9	(10)	Russia	3 350 000	2.67	91.24
10	(9)	Kazakhstan	3 100 000	2.47	93.72
11	(12)	Guyana	2 561 000	2.04	95.76
12	(11)	Greece	1 676 979	1.34	97.10
13	(13)	Indonesia	808 749	0.65	97.74
14	(14)	Sierra Leone	600 000	0.48	98.22
15	(16)	Ghana	519 000	0.41	98.64
16	(17)	Yugoslavia	470 000	0.38	99.01
17	(15)	Hungary	380 900	0.30	99.32
18	(19)	Malaysia	279 000	0.22	99.54
19	(18)	Turkey	210 548	0.17	99.71
20	(21)	Iran	145 000	0.12	99.82
21	(20)	Romania	117 100	0.09	99.92
22	(22)	France	80 000	0.06	99.98
23	(24)	Croatia	8 000	0.01	99.99
24	(23)	Mozambique	8 000	0.01	99.99
25	(0)	Albania	4 454	0.00	100.00
26	(25)	Pakistan	3 179	0.00	100.00
27	(26)	Colombia	1 500	0.00	100.00
		Total	125 287 409	100.00	

Bismuth

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Mexico	1 642	42.93	42.93
2	(2)	Peru	774	20.24	63.16
3	(4)	China	600	15.69	78.85
4	(3)	Japan	474	12.39	91.24
5	(5)	Canada	185	4.84	96.08
6	(0)	Bolivia	55	1.44	97.52
7	(6)	Russia	50	1.31	98.82
8	(7)	Kazakhstan	33	0.86	99.69
9	(9)	Tajikistan	7	0.18	99.87
10	(8)	Uzbekistan	5	0.13	100.00
		Total	3 825	100.00	

Cadmium

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Canada	3 083	16.36	16.36
2	(2)	Japan	2 373	12.59	28.95
3	(3)	Mexico	1 872	9.93	38.89
4	(4)	United States	1 750	9.29	48.17
5	(5)	China	1 300	6.90	55.07
6	(6)	Kazakhstan	1 200	6.37	61.44
7	(10)	France	975	5.17	66.61
8	(8)	Korea, Republic of	930	4.93	71.55

9	(9)	Russia	790	4.19	75.74
10	(7)	Australia	632	3.35	79.09
11	(12)	Peru	562	2.98	82.07
12	(11)	Finland	490	2.60	84.67
13	(13)	United Kingdom	455	2.41	87.09
14	(17)	Spain	301	1.60	88.69
15	(18)	India	296	1.57	90.26
16	(15)	Norway	290	1.54	91.80
17	(16)	Italy	287	1.52	93.32
18	(14)	Bulgaria	275	1.46	94.78
19	(19)	Poland	233	1.24	96.01
20	(20)	DPR Korea	204	1.08	97.10
21	(21)	Brazil	162	0.86	97.96
22	(22)	Argentina	162	0.86	98.82
23	(25)	Turkey	86	0.46	99.27
24	(23)	Yugoslavia	80	0.42	99.70
25	(24)	Honduras	40	0.21	99.91
26	(26)	Algeria	15	0.08	99.99
27	(27)	Namibia	2	0.01	100.00
		Total	18 845	100.00	

Copper

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Chile	3 438 000	29.95	29.95
2	(2)	United States	1 920 000	16.72	46.67
3	(5)	Canada	646 500	5.63	52.30
4	(4)	Indonesia	644 246	5.61	57.91
5	(6)	Australia	580 000	5.05	62.96
6	(3)	Russia	505 000	4.40	67.36
7	(7)	Peru	502 970	4.38	71.74
8	(8)	Poland	440 644	3.84	75.58
9	(9)	China	435 000	3.79	79.37
10	(10)	Mexico	338 933	2.95	82.32
11	(12)	Kazakhstan	316 000	2.75	85.07
12	(11)	Zambia	315 700	2.75	87.82
13	(14)	South Africa, Rep. of	153 058	1.33	89.16
14	(15)	Mongolia	127 000	1.11	90.26
15	(13)	Papua New Guinea	111 515	0.97	91.23
16	(16)	Iran	110 000	0.96	92.19
17	(18)	Bulgaria	109 240	0.95	93.14
18	(17)	Portugal	106 580	0.93	94.07
19	(20)	Sweden	86 610	0.75	94.83
20	(19)	Yugoslavia	82 500	0.72	95.55
21	(21)	Uzbekistan	65 000	0.57	96.11
22	(22)	Philippines	48 638	0.42	96.54
23	(27)	India	48 000	0.42	96.95
24	(24)	Brazil	39 952	0.35	97.30
25	(23)	Turkey	39 675	0.35	97.65
26	(26)	Spain	38 281	0.33	97.98
27	(25)	Zaire	37 700	0.33	98.31
28	(0)	Argentina	30 000	0.26	98.57
29	(28)	Botswana	20 700	0.18	98.75

30	(30)	Namibia	20 300	0.18	98.93
31	(29)	Malaysia	18 900	0.16	99.09
32	(31)	Romania	17 419	0.15	99.24
33	(32)	Morocco	13 070	0.11	99.36
34	(34)	DPR Korea	12 000	0.10	99.46
35	(35)	Finland	8 259	0.07	99.53
36	(37)	Macedonia	8 200	0.07	99.60
37	(36)	Zimbabwe	6 832	0.06	99.66
38	(39)	Armenia	6 758	0.06	99.72
39	(38)	Norway	6 670	0.06	99.78
40	(41)	Myanmar	4 390	0.04	99.82
41	(44)	Georgia	4 000	0.03	99.85
42	(45)	Cyprus	3 950	0.03	99.89
43	(40)	Afghanistan	3 550	0.03	99.92
44	(42)	Colombia	2 520	0.02	99.94
45	(43)	Cuba	2 212	0.02	99.96
46	(46)	Japan	932	0.01	99.97
47	(47)	Honduras	900	0.01	99.98
48	(33)	Albania	870	0.01	99.98
49	(49)	Saudi Arabia	703	0.01	99.99
50	(48)	Slovakia	691	0.01	100.00
51	(50)	France	196	0.00	100.00
52	(51)	Bolivia	182	0.00	100.00
		Total	11 480 946	100.00	

Gallium

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(3)	China	5	33.33	33.33
2	(1)	Hungary	5	33.33	66.67
3	(2)	Japan	5	33.33	100.00
		Total	15	100.00	

Germanium

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	20	54.05	54.05
2	(3)	China	9	24.32	78.38
3	(2)	Russia	8	21.62	100.00
		Total	37	100.00	

Lead

Rank 97	Rank 96	Country	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Australia	571 000	19.77	19.77
2	(3)	China	488 900	16.93	36.71
3	(2)	United States	450 000	15.58	52.29
4	(5)	Peru	258 189	8.94	61.23
5	(6)	Mexico	180 349	6.25	67.48
6	(4)	Canada	170 400	5.90	73.38
7	(7)	Sweden	108 610	3.76	77.14
8	(8)	South Africa, Rep. of	83 114	2.88	80.02
9	(11)	Poland	71 000	2.46	82.48
10	(10)	Morocco	68 514	2.37	84.85
11	(12)	Ireland	45 100	1.56	86.41
12	(13)	Bulgaria	41 269	1.43	87.84
13	(14)	DPR Korea	40 000	1.39	89.23
14	(9)	Kazakhstan	35 000	1.21	90.44
15	(17)	Macedonia	30 690	1.06	91.50
16	(16)	India	28 700	0.99	92.50
17	(19)	Spain	23 000	0.80	93.29
18	(15)	Russia	20 000	0.69	93.99
19	(22)	Bolivia	18 608	0.64	94.63
20	(20)	Italy	17 630	0.61	95.24
21	(21)	Iran	17 600	0.61	95.85
22	(18)	Namibia	17 000	0.59	96.44
23	(27)	Greece	16 420	0.57	97.01
24	(23)	Yugoslavia	14 000	0.48	97.49
25	(25)	Argentina	13 700	0.47	97.97
26	(24)	Turkey	12 000	0.42	98.38
27	(32)	Brazil	8 729	0.30	98.68
28	(30)	Romania	6 191	0.21	98.90
29	(33)	Honduras	5 900	0.20	99.10
30	(29)	Japan	5 227	0.18	99.28
31	(28)	Thailand	5 040	0.17	99.46
32	(31)	Korea, Republic of	3 600	0.12	99.58
33	(26)	Uzbekistan	3 000	0.10	99.69
34	(34)	Tunisia	2 000	0.07	99.76
35	(35)	United Kingdom	2 000	0.07	99.83
36	(38)	Algeria	1 342	0.05	99.87
37	(36)	Chile	1 264	0.04	99.92
38	(39)	Tajikistan	900	0.03	99.95
39	(37)	Myanmar	782	0.03	99.97
40	(40)	Georgia	400	0.01	99.99
41	(41)	Norway	231	0.01	100.00
42	(43)	Colombia	100	0.00	100.00
		Total	2 887 499	100.00	

Lithium

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(2)	Chile	9 803	41.71	41.71
2	(1)	Australia	6 600	28.08	69.79
3	(3)	United States	3 500	14.89	84.68
4	(6)	Zimbabwe	1 246	5.30	89.98
5	(4)	Russia	800	3.40	93.38
6	(5)	China	750	3.19	96.57
7	(7)	Canada	690	2.94	99.51
8	(8)	Portugal	86	0.37	99.87
9	(10)	Brazil	30	0.13	100.00
Total			23 505	100.00	

Mercury

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(2)	Kyrgystan	611	30.38	30.38
2	(4)	Algeria	447	22.23	52.61
3	(1)	Spain	413	20.54	73.15
4	(3)	China	341	16.96	90.10
5	(5)	Finland	63	3.13	93.24
6	(6)	Tajikistan	50	2.49	95.72
7	(7)	Ukraine	45	2.24	97.96
8	(8)	Russia	40	1.99	99.95
9	(0)	Nepal	1	0.05	100.00
Total			2 011	100.00	

Rare Earths Concentrates

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	50 000	65.77	65.77
2	(2)	United States	20 400	26.83	92.60
3	(3)	India	2 700	3.55	96.15
4	(4)	Australia	1 000	1.32	97.47
5	(5)	DPR Korea	800	1.05	98.52
6	(6)	Malaysia	600	0.79	99.31
7	(7)	Brazil	400	0.53	99.84
8	(8)	Sri Lanka	120	0.16	99.99
9	(9)	Zaire	5	0.01	100.00
Total			76 025	100.00	

Tellurium

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	90	41.67	41.67
2	(2)	Canada	60	27.78	69.44
3	(3)	Japan	40	18.52	87.96
4	(4)	Peru	24	11.11	99.07
5	(0)	Mongolia	2	0.93	100.00
		Total	216	100.00	

Tin

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(2)	China	55 400	27.04	27.04
2	(1)	Indonesia	53 036	25.89	52.93
3	(3)	Peru	27 952	13.64	66.58
4	(4)	Brazil	18 291	8.93	75.51
5	(5)	Bolivia	12 898	6.30	81.80
6	(6)	Australia	10 100	4.93	86.73
7	(7)	Russia	7 500	3.66	90.40
8	(8)	Malaysia	5 100	2.49	92.88
9	(10)	Viet Nam	4 800	2.34	95.23
10	(9)	Portugal	3 566	1.74	96.97
11	(11)	Nigeria	2 700	1.32	98.29
12	(12)	United Kingdom	2 400	1.17	99.46
13	(13)	Thailand	756	0.37	99.83
14	(14)	Myanmar	141	0.07	99.90
15	(16)	Laos	100	0.05	99.94
16	(17)	Mongolia	55	0.03	99.97
17	(19)	Niger	25	0.01	99.98
18	(18)	India	16	0.01	99.99
19	(22)	Mexico	5	0.00	99.99
20	(24)	Spain	4	0.00	100.00
21	(21)	Kazakhstan	4	0.00	100.00
22	(20)	Uganda	4	0.00	100.00
		Total	204 853	100.00	

Zinc

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(2)	Australia	1 038 000	14.91	14.91
2	(4)	Canada	1 017 100	14.61	29.51
3	(1)	China	900 000	12.93	42.44
4	(3)	Peru	865 267	12.43	54.87
5	(5)	United States	607 000	8.72	63.58
6	(6)	Mexico	377 861	5.43	69.01
7	(9)	Kazakhstan	225 000	3.23	72.24
8	(11)	Ireland	193 200	2.77	75.02
9	(10)	Poland	172 000	2.47	77.49
10	(12)	Sweden	155 385	2.23	79.72
11	(14)	Bolivia	154 491	2.22	81.94
12	(8)	Brazil	152 634	2.19	84.13
13	(15)	Spain	147 000	2.11	86.24
14	(13)	India	136 900	1.97	88.21
15	(7)	Russia	121 000	1.74	89.94
16	(19)	Morocco	85 898	1.23	91.18
17	(20)	Iran	81 950	1.18	92.35
18	(17)	Japan	71 569	1.03	93.38
19	(18)	South Africa, Rep. of	71 062	1.02	94.40
20	(28)	Bulgaria	70 420	1.01	95.41
21	(26)	Finland	34 287	0.49	95.91
22	(23)	Chile	33 343	0.48	96.38
23	(21)	Turkey	32 000	0.46	96.84
24	(25)	Argentina	29 000	0.42	97.26
25	(27)	Honduras	26 000	0.37	97.63
26	(30)	Macedonia	20 620	0.30	97.93
27	(33)	Romania	19 200	0.28	98.21
28	(29)	Yugoslavia	18 900	0.27	98.48
29	(32)	Namibia	18 564	0.27	98.74
30	(22)	Thailand	18 200	0.26	99.00
31	(31)	Italy	15 415	0.22	99.23
32	(35)	Greece	15 330	0.22	99.45
33	(36)	Korea, Republic of	9 000	0.13	99.58
34	(16)	DPR Korea	8 000	0.11	99.69
35	(24)	Tunisia	5 000	0.07	99.76
36	(37)	Norway	4 400	0.06	99.83
37	(38)	Algeria	3 661	0.05	99.88
38	(34)	Uzbekistan	3 000	0.04	99.92
39	(40)	Georgia	2 400	0.03	99.96
40	(39)	Zaire	1 200	0.02	99.97
41	(43)	Saudi Arabia	619	0.01	99.98
42	(42)	Armenia	610	0.01	99.99
43	(41)	Myanmar	500	0.01	100.00
44	(0)	Rwanda	149	0.00	100.00
		Total	6 963 135	100.00	

6.5.3

Precious Metals

Edelmetalle

Gold

Rank 97	Rank 96	Country	Production 1997 kg	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	491 500	21.22	21.22
2	(2)	United States	325 000	14.03	35.25
3	(3)	Australia	316 000	13.64	48.89
4	(4)	Canada	169 050	7.30	56.19
5	(5)	China	156 800	6.77	62.96
6	(6)	Russia	123 000	5.31	68.27
7	(7)	Indonesia	82 700	3.57	71.84
8	(9)	Peru	76 822	3.32	75.15
9	(8)	Uzbekistan	70 000	3.02	78.18
10	(10)	Brazil	58 488	2.52	80.70
11	(13)	Ghana	54 446	2.35	83.05
12	(12)	Chile	49 459	2.14	85.19
13	(11)	Papua New Guinea	48 482	2.09	87.28
14	(14)	Philippines	32 494	1.40	88.68
15	(16)	Mexico	26 031	1.12	89.81
16	(15)	Zimbabwe	24 225	1.05	90.85
17	(19)	Venezuela	22 322	0.96	91.82
18	(17)	Colombia	19 111	0.83	92.64
19	(22)	Guyana	14 597	0.63	93.27
20	(18)	Bolivia	13 290	0.57	93.85
21	(20)	Kazakhstan	12 000	0.52	94.36
22	(21)	New Zealand	11 400	0.49	94.86
23	(23)	Japan	8 384	0.36	95.22
24	(26)	Guinea	7 300	0.32	95.53
25	(24)	Saudi Arabia	7 260	0.31	95.85
26	(43)	Uganda	6 830	0.29	96.14
27	(27)	Sweden	6 777	0.29	96.43
28	(35)	Sudan	5 634	0.24	96.68
29	(29)	Kyrgystan	5 000	0.22	96.89
30	(46)	Finland	4 775	0.21	97.10
31	(32)	Mali	4 700	0.20	97.30
32	(31)	Fiji	4 671	0.20	97.50
33	(38)	Malaysia	4 488	0.19	97.70
34	(30)	France	4 350	0.19	97.88
35	(33)	DPR Korea	3 800	0.16	98.05
36	(36)	Yugoslavia	3 500	0.15	98.20
37	(25)	Ecuador	3 068	0.13	98.33
38	(37)	French Guiana	3 000	0.13	98.46
39	(47)	Tajikistan	2 550	0.11	98.57
40	(54)	Argentina	2 500	0.11	98.68
41	(40)	India	2 500	0.11	98.79
42	(41)	Namibia	2 433	0.11	98.89
43	(42)	Nicaragua	2 395	0.10	99.00
44	(34)	Dominican Republic	2 390	0.10	99.10
45	(28)	Mongolia	2 200	0.09	99.19
46	(39)	Spain	1 824	0.08	99.27
47	(44)	Mauritania	1 800	0.08	99.35

48	(50)	Burkina Faso	1 450	0.06	99.41
49	(45)	Cote d'Ivoire	1 419	0.06	99.47
50	(49)	Korea, Republic of	1 200	0.05	99.53
51	(55)	Bulgaria	1 020	0.04	99.57
52	(51)	Ethiopia	1 000	0.04	99.61
53	(69)	Armenia	850	0.04	99.65
54	(52)	Georgia	700	0.03	99.68
55	(56)	Iran	684	0.03	99.71
56	(53)	Macedonia	680	0.03	99.74
57	(59)	Senegal	600	0.03	99.77
58	(57)	Oman	577	0.02	99.79
59	(61)	Romania	500	0.02	99.81
60	(64)	Costa Rica	487	0.02	99.83
61	(62)	Slovakia	456	0.02	99.85
62	(58)	Sierra Leone	400	0.02	99.87
63	(48)	Zaire	394	0.02	99.89
64	(60)	Poland	375	0.02	99.90
65	(65)	Tanzania	315	0.01	99.92
66	(66)	Niger	300	0.01	99.93
67	(67)	Mozambique	250	0.01	99.94
68	(68)	Panama	250	0.01	99.95
69	(73)	Central African Rep.	190	0.01	99.96
70	(70)	Myanmar	150	0.01	99.97
71	(72)	Botswana	150	0.01	99.97
72	(63)	Rwanda	130	0.01	99.98
73	(71)	Honduras	120	0.01	99.98
74	(74)	Zambia	91	0.00	99.99
75	(75)	Gabon	90	0.00	99.99
76	(77)	Kenya	50	0.00	99.99
77	(76)	Eritrea	44	0.00	99.99
78	(78)	Burundi	33	0.00	100.00
79	(79)	Thailand	30	0.00	100.00
80	(80)	Solomon Islands	28	0.00	100.00
81	(0)	Nigeria	17	0.00	100.00
82	(0)	Greece	13	0.00	100.00
Total			2 316 389	100.00	

Platinum

Rank 97	Rank 96	C o u n t r y	Production 1997 kg	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	196 466	82.25	82.25
2	(2)	Russia	17 000	7.12	89.37
3	(3)	Canada	13 009	5.45	94.81
4	(4)	United States	10 800	4.52	99.33
5	(5)	Japan	693	0.29	99.62
6	(7)	Australia	450	0.19	99.81
7	(6)	Colombia	413	0.17	99.98
8	(8)	Zimbabwe	34	0.01	100.00
9	(9)	Yugoslavia	3	0.00	100.00
Total			238 868	100.00	

Silver

Rank 97	Rank 96	Country	Production 1997 kg	Share in %	cum. sh.
1	(1)	Mexico	2 701 329	17.10	17.10
2	(2)	Peru	2 076 536	13.15	30.25
3	(3)	United States	1 660 000	10.51	40.76
4	(6)	Australia	1 332 000	8.43	49.19
5	(4)	Canada	1 213 000	7.68	56.87
6	(5)	Chile	1 191 311	7.54	64.41
7	(7)	Poland	1 028 916	6.51	70.93
8	(8)	China	918 000	5.81	76.74
9	(9)	Russia	700 000	4.43	81.17
10	(10)	Kazakhstan	500 000	3.17	84.34
11	(11)	Bolivia	387 200	2.45	86.79
12	(13)	Sweden	304 050	1.93	88.71
13	(14)	Indonesia	270 391	1.71	90.43
14	(12)	Morocco	262 000	1.66	92.09
15	(15)	DPR Korea	200 400	1.27	93.35
16	(16)	South Africa, Rep. of	143 968	0.91	94.27
17	(18)	Japan	87 180	0.55	94.82
18	(20)	Turkey	75 669	0.48	95.30
19	(19)	Italy	70 000	0.44	95.74
20	(17)	Spain	66 000	0.42	96.16
21	(23)	Argentina	56 600	0.36	96.52
22	(22)	Papua New Guinea	49 165	0.31	96.83
23	(30)	India	48 100	0.30	97.13
24	(21)	Yugoslavia	42 600	0.27	97.40
25	(28)	Honduras	40 400	0.26	97.66
26	(36)	Greece	35 900	0.23	97.88
27	(27)	Portugal	33 900	0.21	98.10
28	(25)	Namibia	33 500	0.21	98.31
29	(26)	Finland	32 200	0.20	98.52
30	(29)	New Zealand	31 700	0.20	98.72
31	(24)	Brazil	26 598	0.17	98.88
32	(31)	Philippines	20 496	0.13	99.01
33	(33)	Mongolia	19 000	0.12	99.13
34	(32)	Macedonia	18 760	0.12	99.25
35	(37)	Romania	18 000	0.11	99.37
36	(35)	Saudi Arabia	16 900	0.11	99.47
37	(38)	Ireland	13 300	0.08	99.56
38	(34)	Dominican Republic	12 400	0.08	99.64
39	(40)	Malaysia	9 600	0.06	99.70
40	(42)	Myanmar	9 331	0.06	99.76
41	(43)	Zambia	6 900	0.04	99.80
42	(39)	Zimbabwe	5 923	0.04	99.84
43	(45)	Norway	5 000	0.03	99.87
44	(44)	Bulgaria	4 414	0.03	99.90
45	(46)	Colombia	3 566	0.02	99.92
46	(47)	Fiji	2 653	0.02	99.94
47	(49)	France	1 770	0.01	99.95
48	(48)	Algeria	1 600	0.01	99.96

49	(50)	Tunisia	1 500	0.01	99.97
50	(51)	Iran	1 320	0.01	99.98
51	(41)	Zaire	1 000	0.01	99.98
52	(53)	Nicaragua	934	0.01	99.99
53	(52)	Ghana	900	0.01	99.99
54	(54)	Panama	380	0.00	100.00
55	(55)	Slovakia	356	0.00	100.00
56	(56)	Korea, Republic of	170	0.00	100.00
57	(58)	Solomon Islands	5	0.00	100.00
		Total	15 794 791	100.00	

6.5.4

Industrial Minerals

Industrieminerale, Steine und Erden

Asbestos

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Russia	700 000	32.76	32.76
2	(2)	Canada	447 000	20.92	53.67
3	(3)	China	250 000	11.70	65.37
4	(5)	Brazil	208 447	9.75	75.13
5	(6)	Zimbabwe	160 560	7.51	82.64
6	(4)	Kazakhstan	125 000	5.85	88.49
7	(7)	Greece	63 294	2.96	91.45
8	(9)	Iran	62 000	2.90	94.35
9	(8)	South Africa, Rep. of	49 986	2.34	96.69
10	(11)	Swaziland	25 000	1.17	97.86
11	(10)	India	20 000	0.94	98.80
12	(12)	Colombia	13 670	0.64	99.44
13	(13)	United States	9 000	0.42	99.86
14	(17)	Egypt	1 836	0.09	99.95
15	(14)	Bulgaria	800	0.04	99.98
16	(15)	Yugoslavia	250	0.01	99.99
17	(18)	Pakistan	120	0.01	100.00
		Total	2 136 963	100.00	

Baryte

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	3 500 000	49.78	49.78
2	(2)	United States	700 000	9.96	59.73
3	(3)	India	550 000	7.82	67.56
4	(5)	Morocco	343 314	4.88	72.44
5	(6)	Kazakhstan	270 000	3.84	76.28
6	(4)	Mexico	236 606	3.37	79.65
7	(7)	Iran	160 000	2.28	81.92
8	(8)	Turkey	140 840	2.00	83.92
9	(9)	Germany, Federal Rep.	118 698	1.69	85.61
10	(15)	Canada	98 000	1.39	87.01
11	(22)	Bulgaria	92 710	1.32	88.32
12	(11)	Spain	85 000	1.21	89.53
13	(12)	France	77 000	1.10	90.63
14	(10)	United Kingdom	74 000	1.05	91.68
15	(14)	Russia	70 000	1.00	92.68
16	(20)	Peru	63 600	0.90	93.58
17	(16)	DPR Korea	60 000	0.85	94.43
18	(19)	Brazil	51 961	0.74	95.17
19	(17)	Belgium	45 000	0.64	95.81

20	(21)	Algeria	39 140	0.56	96.37
21	(24)	Thailand	36 832	0.52	96.89
22	(13)	Italy	26 694	0.38	97.27
23	(29)	Pakistan	22 621	0.32	97.60
24	(23)	Poland	20 000	0.28	97.88
25	(18)	Slovakia	18 500	0.26	98.14
26	(26)	Malaysia	18 000	0.26	98.40
27	(27)	Myanmar	14 606	0.21	98.61
28	(30)	Argentina	14 000	0.20	98.81
29	(28)	Tunisia	14 000	0.20	99.01
30	(25)	Nigeria	13 000	0.18	99.19
31	(31)	Romania	12 500	0.18	99.37
32	(32)	Australia	12 500	0.18	99.55
33	(33)	Saudi Arabia	10 000	0.14	99.69
34	(36)	Afghanistan	4 700	0.07	99.75
35	(37)	Bolivia	4 402	0.06	99.82
36	(38)	Guatemala	3 000	0.04	99.86
37	(39)	Chile	2 654	0.04	99.90
38	(34)	South Africa, Rep. of	2 071	0.03	99.93
39	(40)	Ecuador	1 800	0.03	99.95
40	(41)	Zimbabwe	1 217	0.02	99.97
41	(35)	Colombia	1 000	0.01	99.98
42	(42)	Greece	742	0.01	100.00
43	(44)	Armenia	350	0.00	100.00
		Total	7 031 058	100.00	

Bentonite

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	3 700 000	37.56	37.56
2	(2)	Russia	1 300 000	13.20	50.75
3	(3)	Greece	942 555	9.57	60.32
4	(7)	Turkey	519 487	5.27	65.59
5	(4)	Germany, Federal Rep.	511 190	5.19	70.78
6	(5)	Italy	509 960	5.18	75.96
7	(6)	Japan	495 646	5.03	80.99
8	(8)	India	260 000	2.64	83.63
9	(9)	Brazil	224 055	2.27	85.90
10	(10)	United Kingdom	140 000	1.42	87.32
11	(11)	Turkmenistan	137 321	1.39	88.72
12	(12)	Argentina	130 000	1.32	90.04
13	(13)	Spain	120 000	1.22	91.26
14	(14)	Iran	105 000	1.07	92.32
15	(18)	Cyprus	98 700	1.00	93.32
16	(21)	Czech Republic	83 000	0.84	94.17
17	(15)	Slovakia	77 000	0.78	94.95
18	(16)	Armenia	70 000	0.71	95.66
19	(17)	Mexico	69 000	0.70	96.36
20	(19)	Australia	60 000	0.61	96.97
21	(20)	Korea, Republic of	60 000	0.61	97.58
22	(24)	Morocco	49 633	0.50	98.08

23	(23)	Romania	37 500	0.38	98.46
24	(22)	South Africa, Rep. of	33 326	0.34	98.80
25	(26)	Peru	22 285	0.23	99.02
26	(25)	Algeria	21 617	0.22	99.24
27	(28)	Hungary	14 848	0.15	99.39
28	(29)	Pakistan	10 796	0.11	99.50
29	(38)	Colombia	8 640	0.09	99.59
30	(27)	Indonesia	8 308	0.08	99.68
31	(32)	Philippines	7 500	0.08	99.75
32	(31)	Croatia	4 600	0.05	99.80
33	(34)	New Zealand	4 100	0.04	99.84
34	(35)	Macedonia	3 500	0.04	99.88
35	(36)	Guatemala	3 500	0.04	99.91
36	(30)	Thailand	3 200	0.03	99.94
37	(37)	Poland	2 000	0.02	99.96
38	(33)	Egypt	1 136	0.01	99.98
39	(41)	Myanmar	750	0.01	99.98
40	(40)	Chile	717	0.01	99.99
41	(39)	Nicaragua	512	0.01	100.00
42	(42)	Ecuador	205	0.00	100.00
43	(43)	Bolivia	90	0.00	100.00
44	(44)	Uruguay	60	0.00	100.00
Total			9 851 737	100.00	

Boron

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(2)	United States	1 200 000	40.90	40.90
2	(1)	Turkey	1 017 697	34.68	75.58
3	(3)	Argentina	350 000	11.93	87.51
4	(4)	Chile	170 605	5.81	93.32
5	(5)	Kazakhstan	80 000	2.73	96.05
6	(6)	China	60 000	2.04	98.09
7	(7)	Peru	46 988	1.60	99.70
8	(8)	Bolivia	6 095	0.21	99.90
9	(9)	Iran	2 850	0.10	100.00
Total			2 934 235	100.00	

Diamonds (Gem)

Rank 97	Rank 96	C o u n t r y	Production 1997 karat	Share in %	cum. sh.
1	(1)	Australia	17 218 400	31.14	31.14
2	(2)	Botswana	14 070 000	25.45	56.58
3	(3)	Russia	9 550 000	17.27	73.86
4	(6)	Angola	4 770 000	8.63	82.48
5	(5)	South Africa, Rep. of	4 016 552	7.26	89.75
6	(4)	Zaire	3 000 000	5.43	95.17

7	(7)	Namibia	1 083 000	1.96	97.13
8	(9)	Guinea	427 500	0.77	97.90
9	(8)	Central African Rep.	425 000	0.77	98.67
10	(11)	Ghana	165 905	0.30	98.97
11	(12)	Zimbabwe	126 392	0.23	99.20
12	(14)	Venezuela	113 600	0.21	99.41
13	(13)	Brazil	70 000	0.13	99.53
14	(10)	Sierra Leone	69 680	0.13	99.66
15	(16)	Liberia	65 000	0.12	99.78
16	(15)	Tanzania	42 500	0.08	99.85
17	(17)	China	35 800	0.06	99.92
18	(21)	Cote d'Ivoire	16 000	0.03	99.95
19	(19)	Swaziland	13 000	0.02	99.97
20	(18)	Guyana	10 684	0.02	99.99
21	(20)	India	6 000	0.01	100.00
22	(0)	Myanmar	4	0.00	100.00
Total			55 295 017	100.00	

Diamonds (Ind)

Rank 97	Rank 96	C o u n t r y	Production 1997 karat	Share in %	cum. sh.
1	(1)	Australia	25 827 600	41.79	41.79
2	(2)	Zaire	12 000 000	19.42	61.21
3	(3)	Russia	9 550 000	15.45	76.66
4	(5)	Botswana	6 030 000	9.76	86.42
5	(4)	South Africa, Rep. of	6 024 828	9.75	96.17
6	(6)	Ghana	663 619	1.07	97.24
7	(7)	Angola	530 000	0.86	98.10
8	(8)	Zimbabwe	294 915	0.48	98.58
9	(9)	Venezuela	170 400	0.28	98.85
10	(14)	China	143 200	0.23	99.08
11	(10)	Guinea	142 500	0.23	99.31
12	(15)	Liberia	135 000	0.22	99.53
13	(12)	Central African Rep.	75 000	0.12	99.65
14	(13)	Namibia	57 000	0.09	99.75
15	(16)	Swaziland	52 000	0.08	99.83
16	(11)	Sierra Leone	34 320	0.06	99.89
17	(17)	Brazil	30 000	0.05	99.93
18	(18)	Guyana	24 928	0.04	99.97
19	(20)	Tanzania	7 500	0.01	99.99
20	(21)	Cote d'Ivoire	4 000	0.01	99.99
21	(19)	India	4 000	0.01	100.00
22	(22)	Myanmar	18	0.00	100.00
Total			61 800 828	100.00	

Diatomite

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	705 000	62.69	62.69
2	(3)	Korea, Republic of	80 000	7.11	69.81
3	(2)	France	80 000	7.11	76.92
4	(4)	Mexico	60 000	5.34	82.26
5	(5)	Czech Republic	39 000	3.47	85.73
6	(6)	Spain	35 000	3.11	88.84
7	(7)	Iceland	26 000	2.31	91.15
8	(8)	Peru	20 000	1.78	92.93
9	(9)	Brazil	13 500	1.20	94.13
10	(10)	Chile	11 825	1.05	95.18
11	(11)	Costa Rica	11 000	0.98	96.16
12	(12)	Australia	10 000	0.89	97.05
13	(14)	Argentina	9 000	0.80	97.85
14	(13)	Romania	9 000	0.80	98.65
15	(15)	Canada	4 000	0.36	99.01
16	(16)	Slovakia	3 000	0.27	99.27
17	(17)	Algeria	2 332	0.21	99.48
18	(18)	Thailand	2 000	0.18	99.66
19	(19)	Portugal	1 540	0.14	99.80
20	(20)	Ethiopia	1 000	0.09	99.88
21	(21)	Kenya	550	0.05	99.93
22	(23)	Armenia	400	0.04	99.97
23	(22)	South Africa, Rep. of	350	0.03	100.00
Total			1 124 497	100.00	

Feldspar

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Italy	2 118 117	26.57	26.57
2	(2)	United States	930 000	11.67	38.24
3	(4)	France	621 000	7.79	46.03
4	(3)	Thailand	536 000	6.72	52.75
5	(5)	Turkey	500 000	6.27	59.03
6	(6)	Spain	455 000	5.71	64.73
7	(7)	Germany, Federal Rep.	425 529	5.34	70.07
8	(8)	Korea, Republic of	320 000	4.01	74.09
9	(9)	Czech Republic	220 400	2.76	76.85
10	(10)	Venezuela	160 000	2.01	78.86
11	(12)	Mexico	155 760	1.95	80.81
12	(11)	Brazil	135 000	1.69	82.51
13	(15)	Iran	125 000	1.57	84.07
14	(18)	Norway	107 335	1.35	85.42
15	(13)	Portugal	96 000	1.20	86.63
16	(14)	India	90 000	1.13	87.75
17	(19)	Argentina	80 000	1.00	88.76
18	(24)	Russia	75 000	0.94	89.70

19	(21)	Poland	74 000	0.93	90.63
20	(20)	Uzbekistan	70 000	0.88	91.51
21	(16)	Colombia	66 845	0.84	92.34
22	(36)	Ecuador	60 328	0.76	93.10
23	(22)	Japan	60 000	0.75	93.85
24	(25)	South Africa, Rep. of	59 688	0.75	94.60
25	(26)	Greece	55 700	0.70	95.30
26	(17)	Egypt	53 783	0.67	95.98
27	(27)	Hungary	45 000	0.56	96.54
28	(23)	Sweden	41 400	0.52	97.06
29	(28)	Finland	40 000	0.50	97.56
30	(29)	Romania	35 000	0.44	98.00
31	(30)	Indonesia	24 399	0.31	98.31
32	(33)	Australia	23 500	0.29	98.60
33	(34)	Cuba	14 700	0.18	98.79
34	(31)	Pakistan	14 428	0.18	98.97
35	(32)	Philippines	12 717	0.16	99.13
36	(35)	Guatemala	12 000	0.15	99.28
37	(38)	Macedonia	10 000	0.13	99.40
38	(37)	Saudi Arabia	9 000	0.11	99.52
39	(39)	Jordan	7 340	0.09	99.61
40	(40)	United Kingdom	7 000	0.09	99.70
41	(43)	Algeria	5 500	0.07	99.76
42	(44)	Yugoslavia	5 000	0.06	99.83
43	(45)	Chile	3 808	0.05	99.87
44	(47)	Uruguay	3 229	0.04	99.92
45	(42)	Peru	2 502	0.03	99.95
46	(46)	Zimbabwe	2 254	0.03	99.97
47	(41)	Sri Lanka	2 010	0.03	100.00
		Total	7 971 272	100.00	

Fluorspar

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	2 400 000	54.35	54.35
2	(2)	Mexico	552 839	12.52	66.87
3	(3)	South Africa, Rep. of	206 765	4.68	71.55
4	(4)	Russia	137 500	3.11	74.67
5	(5)	Mongolia	135 000	3.06	77.72
6	(7)	Spain	120 000	2.72	80.44
7	(8)	France	106 600	2.41	82.85
8	(6)	Italy	105 794	2.40	85.25
9	(9)	Morocco	103 800	2.35	87.60
10	(12)	Uzbekistan	90 000	2.04	89.64
11	(10)	Kazakhstan	85 000	1.92	91.56
12	(11)	Kenya	80 000	1.81	93.38
13	(13)	Brazil	78 399	1.78	95.15
14	(14)	United Kingdom	67 000	1.52	96.67
15	(15)	DPR Korea	33 000	0.75	97.42
16	(16)	Germany, Federal Rep.	23 868	0.54	97.96
17	(17)	Namibia	23 208	0.53	98.48
18	(18)	United States	20 000	0.45	98.94

19	(20)	India	18 000	0.41	99.34
20	(21)	Thailand	7 826	0.18	99.52
21	(19)	Iran	6 200	0.14	99.66
22	(22)	Argentina	6 000	0.14	99.80
23	(23)	Turkey	5 000	0.11	99.91
24	(24)	Tunisia	2 000	0.05	99.95
25	(27)	Colombia	1 000	0.02	99.98
26	(26)	Afghanistan	560	0.01	99.99
27	(28)	Egypt	280	0.01	100.00
28	(25)	Pakistan	160	0.00	100.00
Total			4 415 799	100.00	

Graphite

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	250 000	41.82	41.82
2	(2)	India	100 000	16.73	58.55
3	(3)	Mexico	47 982	8.03	66.57
4	(5)	Brazil	31 190	5.22	71.79
5	(7)	DPR Korea	30 000	5.02	76.81
6	(6)	Czech Republic	26 200	4.38	81.19
7	(8)	Canada	22 000	3.68	84.87
8	(9)	Turkey	19 000	3.18	88.05
9	(10)	Madagascar	13 000	2.17	90.22
10	(11)	Zimbabwe	12 779	2.14	92.36
11	(4)	Austria	12 582	2.10	94.47
12	(12)	Norway	7 713	1.29	95.76
13	(13)	Russia	6 800	1.14	96.89
14	(14)	Ukraine	4 800	0.80	97.70
15	(15)	Sri Lanka	4 613	0.77	98.47
16	(16)	Korea, Republic of	3 200	0.54	99.00
17	(17)	Romania	3 000	0.50	99.51
18	(19)	Sweden	1 470	0.25	99.75
19	(18)	Germany, Federal Rep.	1 030	0.17	99.92
20	(21)	Tanzania	250	0.04	99.97
21	(20)	Viet Nam	200	0.03	100.00
Total			597 809	100.00	

Guano

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Seychellen	900	97.83	97.83
2	(2)	Philippines	20	2.17	100.00
Total			920	100.00	

Gypsum and Anhydrite

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	17 000 000	18.31	18.31
2	(3)	Iran	8 900 000	9.59	27.90
3	(2)	Thailand	8 557 000	9.22	37.12
4	(4)	Canada	8 502 600	9.16	46.27
5	(5)	Spain	8 300 000	8.94	55.21
6	(6)	China	7 300 000	7.86	63.08
7	(7)	France	4 500 000	4.85	67.92
8	(8)	Mexico	4 216 300	4.54	72.47
9	(9)	Germany, Federal Rep.	2 482 720	2.67	75.14
10	(12)	India	2 200 000	2.37	77.51
11	(10)	Egypt	2 030 000	2.19	79.70
12	(11)	Australia	2 000 000	2.15	81.85
13	(13)	United Kingdom	2 000 000	2.15	84.01
14	(15)	Brazil	1 395 664	1.50	85.51
15	(14)	Italy	1 210 718	1.30	86.81
16	(16)	Poland	1 039 000	1.12	87.93
17	(17)	Austria	975 738	1.05	88.98
18	(19)	Turkey	784 662	0.85	89.83
19	(20)	Argentina	680 000	0.73	90.56
20	(21)	Greece	662 646	0.71	91.27
21	(18)	Russia	650 000	0.70	91.97
22	(23)	Colombia	565 000	0.61	92.58
23	(22)	Portugal	520 000	0.56	93.14
24	(27)	Ireland	477 000	0.51	93.66
25	(26)	Saudi Arabia	440 000	0.47	94.13
26	(29)	Iraq	420 000	0.45	94.58
27	(28)	Pakistan	412 196	0.44	95.03
28	(24)	Chile	398 354	0.43	95.46
29	(31)	South Africa, Rep. of	365 279	0.39	95.85
30	(30)	Syria	329 910	0.36	96.20
31	(32)	Switzerland	293 828	0.32	96.52
32	(45)	Cyprus	236 200	0.25	96.78
33	(25)	Czech Republic	233 000	0.25	97.03
34	(35)	Algeria	230 000	0.25	97.27
35	(34)	Tajikistan	230 000	0.25	97.52
36	(36)	Hungary	192 000	0.21	97.73
37	(37)	Libya	190 000	0.20	97.93
38	(38)	Tunisia	160 000	0.17	98.11
39	(40)	Bulgaria	134 390	0.14	98.25
40	(33)	Jamaica	132 000	0.14	98.39
41	(49)	Laos	115 000	0.12	98.52
42	(41)	Jordan	114 500	0.12	98.64
43	(42)	Oman	113 600	0.12	98.76
44	(48)	Israel	90 000	0.10	98.86
45	(43)	Uruguay	90 000	0.10	98.96
46	(47)	Dominican Republic	86 000	0.09	99.05
47	(46)	Croatia	80 000	0.09	99.14
48	(58)	Venezuela	80 000	0.09	99.22
49	(44)	Afghanistan	74 000	0.08	99.30
50	(51)	Bhutan	67 000	0.07	99.37
51	(50)	Yemen, Republic of	65 000	0.07	99.44
52	(52)	Peru	64 863	0.07	99.51

53	(53)	Latvia	60 905	0.07	99.58
54	(54)	Azerbaijan	45 000	0.05	99.63
55	(55)	Yugoslavia	45 000	0.05	99.68
56	(39)	Turkmenistan	35 324	0.04	99.71
57	(56)	Ethiopia	35 000	0.04	99.75
58	(61)	Myanmar	34 546	0.04	99.79
59	(57)	Angola	30 000	0.03	99.82
60	(62)	Guatemala	27 500	0.03	99.85
61	(59)	Abu Dhabi (UAE)	25 000	0.03	99.88
62	(60)	Honduras	25 000	0.03	99.90
63	(65)	Mongolia	20 000	0.02	99.93
64	(64)	Nicaragua	15 820	0.02	99.94
65	(67)	Mauritania	13 000	0.01	99.96
66	(66)	Moldavia	13 000	0.01	99.97
67	(71)	Sudan	9 212	0.01	99.98
68	(68)	Paraguay	6 500	0.01	99.99
69	(69)	Albania	2 000	0.00	99.99
70	(72)	Niger	2 000	0.00	99.99
71	(74)	Indonesia	1 955	0.00	99.99
72	(70)	Ecuador	1 510	0.00	100.00
73	(73)	Lebanon	1 500	0.00	100.00
74	(75)	Kenya	900	0.00	100.00
75	(76)	Somalia	800	0.00	100.00
76	(63)	Viet Nam	300	0.00	100.00
77	(78)	Entrea	29	0.00	100.00
78	(77)	Bolivia	20	0.00	100.00
		Total	92 837 989	100.00	

Kaolin

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	9 000 000	36.94	36.94
2	(2)	United Kingdom	2 400 000	9.85	46.79
3	(3)	Germany, Federal Rep.	1 794 501	7.37	54.16
4	(4)	Russia	1 500 000	6.16	60.31
5	(5)	Brazil	1 280 000	5.25	65.57
6	(6)	China	970 000	3.98	69.55
7	(12)	Iran	860 000	3.53	73.08
8	(7)	Colombia	800 000	3.28	76.36
9	(10)	Czech Republic	773 495	3.17	79.54
10	(8)	India	530 000	2.18	81.71
11	(11)	Korea, Republic of	480 000	1.97	83.68
12	(15)	Turkey	477 383	1.96	85.64
13	(9)	Thailand	367 000	1.51	87.15
14	(13)	France	332 000	1.36	88.51
15	(14)	Spain	330 000	1.35	89.87
16	(19)	Austria	266 058	1.09	90.96
17	(16)	Egypt	258 725	1.06	92.02
18	(17)	Malaysia	187 411	0.77	92.79
19	(25)	Italy	180 570	0.74	93.53
20	(18)	Australia	170 000	0.70	94.23
21	(21)	Mexico	160 000	0.66	94.89

22	(20)	Bulgaria	158 185	0.65	95.53
23	(23)	South Africa, Rep. of	120 148	0.49	96.03
24	(24)	Japan	110 915	0.46	96.48
25	(26)	Taiwan	100 000	0.41	96.89
26	(22)	Portugal	97 000	0.40	97.29
27	(0)	Pakistan	74 965	0.31	97.60
28	(29)	Argentina	65 000	0.27	97.87
29	(31)	Yugoslavia	60 000	0.25	98.11
30	(28)	Paraguay	60 000	0.25	98.36
31	(30)	Greece	56 459	0.23	98.59
32	(32)	Poland	52 400	0.22	98.81
33	(33)	Indonesia	49 000	0.20	99.01
34	(34)	Romania	45 000	0.18	99.19
35	(35)	Belgium	40 000	0.16	99.36
36	(36)	Jordan	34 550	0.14	99.50
37	(38)	Slovakia	24 500	0.10	99.60
38	(37)	Algeria	18 533	0.08	99.67
39	(40)	Chile	14 238	0.06	99.73
40	(43)	Cuba	11 500	0.05	99.78
41	(39)	Peru	7 875	0.03	99.81
42	(45)	Sri Lanka	7 562	0.03	99.84
43	(27)	Ecuador	7 346	0.03	99.87
44	(42)	Saudi Arabia	5 000	0.02	99.89
45	(41)	Venezuela	5 000	0.02	99.91
46	(46)	Bangladesh	3 800	0.02	99.93
47	(49)	Ethiopia	3 512	0.01	99.94
48	(44)	Burundi	3 500	0.01	99.96
49	(47)	Hungary	3 000	0.01	99.97
50	(52)	Eritrea	1 946	0.01	99.98
51	(48)	Philippines	1 440	0.01	99.98
52	(51)	Albania	1 200	0.00	99.99
53	(50)	Tanzania	1 000	0.00	99.99
54	(53)	Madagascar	600	0.00	100.00
55	(54)	Viet Nam	500	0.00	100.00
56	(55)	Kenya	200	0.00	100.00
57	(57)	Guatemala	110	0.00	100.00
58	(56)	Nigeria	100	0.00	100.00
Total			24 363 227	100.00	

Magnesite

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	2 400 000	24.59	24.59
2	(2)	DPR Korea	1 700 000	17.42	42.01
3	(4)	Turkey	1 119 103	11.47	53.47
4	(5)	Slovakia	868 000	8.89	62.37
5	(6)	Austria	790 297	8.10	70.46
6	(7)	Greece	623 030	6.38	76.85
7	(3)	Russia	600 000	6.15	83.00
8	(8)	India	375 000	3.84	86.84
9	(12)	Australia	333 668	3.42	90.26
10	(9)	Brazil	294 629	3.02	93.27

11	(11)	Spain	171 000	1.75	95.03
12	(10)	Canada	150 000	1.54	96.56
13	(15)	Iran	105 000	1.08	97.64
14	(13)	Yugoslavia	98 000	1.00	98.64
15	(14)	South Africa, Rep. of	76 699	0.79	99.43
16	(16)	Poland	30 000	0.31	99.74
17	(17)	Zimbabwe	13 050	0.13	99.87
18	(18)	Colombia	8 500	0.09	99.96
19	(19)	Pakistan	4 130	0.04	100.00
		Total	9 760 106	100.00	

Perlite

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	703 000	33.66	33.66
2	(2)	Greece	695 917	33.32	66.98
3	(3)	Japan	200 000	9.58	76.56
4	(5)	Hungary	151 800	7.27	83.83
5	(4)	Turkey	134 349	6.43	90.26
6	(6)	Russia	80 000	3.83	94.09
7	(7)	Mexico	35 000	1.68	95.77
8	(10)	Philippines	25 941	1.24	97.01
9	(8)	Slovakia	25 000	1.20	98.21
10	(9)	Argentina	22 000	1.05	99.26
11	(11)	Armenia	6 000	0.29	99.55
12	(14)	Iran	3 500	0.17	99.72
13	(12)	Australia	3 400	0.16	99.88
14	(13)	New Zealand	1 900	0.09	99.97
15	(15)	South Africa, Rep. of	650	0.03	100.00
		Total	2 088 457	100.00	

Phosphate

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	22 000 000	35.53	35.53
2	(2)	United States	14 000 000	22.61	58.14
3	(3)	Morocco	7 156 040	11.56	69.69
4	(5)	Israel	4 047 000	6.54	76.23
5	(4)	South Africa, Rep. of	2 732 000	4.41	80.64
6	(6)	Jordan	1 945 542	3.14	83.78
7	(7)	Brazil	1 510 000	2.44	86.22
8	(8)	Tunisia	1 357 380	2.19	88.41
9	(9)	Russia	1 080 000	1.74	90.16
10	(10)	Togo	983 554	1.59	91.74
11	(13)	Syria	741 173	1.20	92.94
12	(12)	Finland	689 053	1.11	94.05
13	(14)	Senegal	593 560	0.96	95.01

14	(11)	Kazakhstan	500 000	0.81	95.82
15	(15)	Iraq	466 000	0.75	96.57
16	(18)	Egypt	364 650	0.59	97.16
17	(16)	Algeria	361 420	0.58	97.75
18	(17)	India	245 430	0.40	98.14
19	(19)	Mexico	228 372	0.37	98.51
20	(20)	DPR Korea	220 000	0.36	98.87
21	(21)	Nauru	190 000	0.31	99.17
22	(22)	Christmas Island	164 000	0.26	99.44
23	(23)	Viet Nam	160 000	0.26	99.70
24	(24)	Venezuela	87 300	0.14	99.84
25	(25)	Zimbabwe	31 687	0.05	99.89
26	(26)	Peru	17 000	0.03	99.92
27	(27)	Pakistan	16 000	0.03	99.94
28	(28)	Colombia	13 000	0.02	99.96
29	(29)	Sri Lanka	9 768	0.02	99.98
30	(31)	Thailand	4 000	0.01	99.98
31	(30)	Philippines	3 500	0.01	99.99
32	(33)	Australia	1 970	0.00	99.99
33	(32)	Chile	1 800	0.00	100.00
34	(34)	Cambodia	1 000	0.00	100.00
35	(35)	Tanzania	800	0.00	100.00
36	(36)	Indonesia	533	0.00	100.00
37	(37)	Burkina Faso	200	0.00	100.00
Total			61 923 732	100.00	

Potash

Rank 97	Rank 96	Country	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Canada	9 301 000	36.51	36.51
2	(2)	Germany, Federal Rep.	3 420 601	13.43	49.94
3	(3)	Russia	3 400 000	13.35	63.29
4	(4)	Belorussia	2 700 000	10.60	73.89
5	(5)	Israel	1 525 000	5.99	79.87
6	(6)	United States	1 430 000	5.61	85.49
7	(7)	Jordan	849 405	3.33	88.82
8	(8)	France	780 000	3.06	91.89
9	(10)	United Kingdom	696 968	2.74	94.62
10	(9)	Spain	605 000	2.38	97.00
11	(11)	Brazil	280 164	1.10	98.10
12	(12)	Chile	235 000	0.92	99.02
13	(13)	Ukraine	100 000	0.39	99.41
14	(14)	China	100 000	0.39	99.80
15	(15)	Azerbaijan	50 000	0.20	100.00
Total			25 473 138	100.00	

Salt

Rank 97	Rank 96	Country	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	41 700 000	20.96	20.96
2	(2)	China	29 280 600	14.72	35.68
3	(3)	Germany, Federal Rep.	15 656 728	7.87	43.55
4	(4)	Canada	13 264 300	6.67	50.22
5	(5)	India	9 300 000	4.67	54.89
6	(7)	Australia	9 043 000	4.55	59.44
7	(8)	France	8 112 000	4.08	63.52
8	(6)	Mexico	7 932 772	3.99	67.50
9	(9)	United Kingdom	6 600 000	3.32	70.82
10	(10)	Brazil	6 516 000	3.28	74.10
11	(11)	Netherlands	5 601 000	2.82	76.91
12	(13)	Chile	5 488 135	2.76	79.67
13	(12)	Spain	3 650 000	1.83	81.51
14	(16)	Italy	3 594 549	1.81	83.31
15	(14)	Poland	2 964 000	1.49	84.80
16	(15)	Ukraine	2 800 000	1.41	86.21
17	(17)	Romania	2 800 000	1.41	87.62
18	(18)	Turkey	2 500 000	1.26	88.87
19	(19)	Russia	1 600 000	0.80	89.68
20	(20)	Egypt	1 530 000	0.77	90.45
21	(21)	Japan	1 420 000	0.71	91.16
22	(22)	Belorussia	1 200 000	0.60	91.76
23	(24)	Iran	1 180 000	0.59	92.36
24	(23)	Argentina	1 100 000	0.55	92.91
25	(25)	Pakistan	1 058 653	0.53	93.44
26	(26)	Bahamas	750 000	0.38	93.82
27	(28)	Israel	750 000	0.38	94.20
28	(27)	Austria	704 764	0.35	94.55
29	(30)	Philippines	686 514	0.35	94.90
30	(29)	Bangladesh	600 000	0.30	95.20
31	(31)	Portugal	595 997	0.30	95.50
32	(34)	Thailand	555 000	0.28	95.78
33	(32)	Denmark	540 000	0.27	96.05
34	(41)	Namibia	485 414	0.24	96.29
35	(36)	DPR Korea	460 000	0.23	96.52
36	(38)	Venezuela	450 000	0.23	96.75
37	(33)	Tunisia	437 000	0.22	96.97
38	(40)	Taiwan	420 000	0.21	97.18
39	(37)	Switzerland	415 400	0.21	97.39
40	(39)	Viet Nam	400 000	0.20	97.59
41	(35)	Indonesia	400 000	0.20	97.79
42	(42)	Colombia	373 000	0.19	97.98
43	(44)	South Africa, Rep. of	320 000	0.16	98.14
44	(49)	Morocco	257 500	0.13	98.27
45	(43)	Eritrea	252 076	0.13	98.39
46	(45)	Iraq	250 000	0.13	98.52
47	(50)	Bulgaria	200 000	0.10	98.62
48	(46)	Myanmar	200 000	0.10	98.72
49	(48)	Botswana	190 000	0.10	98.82
50	(55)	Greece	173 889	0.09	98.90
51	(51)	Cuba	166 300	0.08	98.99

52	(47)	Algeria	137 310	0.07	99.06
53	(56)	Saudi Arabia	135 000	0.07	99.12
54	(53)	Yemen, Republic of	130 000	0.07	99.19
55	(57)	Sri Lanka	126 000	0.06	99.25
56	(52)	Ethiopia	100 000	0.05	99.30
57	(58)	Slovakia	97 000	0.05	99.35
58	(59)	Tanzania	85 000	0.04	99.40
59	(61)	Jordan	80 000	0.04	99.44
60	(54)	Peru	79 492	0.04	99.48
61	(60)	Guatemala	75 000	0.04	99.51
62	(64)	Kenya	72 000	0.04	99.55
63	(62)	New Zealand	70 000	0.04	99.58
64	(63)	Syria	66 975	0.03	99.62
65	(65)	Sudan	60 000	0.03	99.65
66	(66)	Senegal	50 000	0.03	99.67
67	(67)	Madagascar	40 000	0.02	99.69
68	(70)	Puerto Rico	36 500	0.02	99.71
69	(71)	Kuwait	36 000	0.02	99.73
70	(68)	Ghana	35 000	0.02	99.75
71	(69)	Abu Dhabi (UAE)	35 000	0.02	99.77
72	(74)	Cambodia	32 000	0.02	99.78
73	(79)	Afghanistan	31 500	0.02	99.80
74	(72)	Mozambique	30 000	0.02	99.81
75	(87)	Turkmenistan	30 000	0.02	99.83
76	(76)	Honduras	28 000	0.01	99.84
77	(75)	Angola	28 000	0.01	99.86
78	(77)	Libya	27 000	0.01	99.87
79	(80)	Armenia	26 500	0.01	99.88
80	(78)	Panama	25 000	0.01	99.89
81	(82)	Azerbaijan	23 000	0.01	99.91
82	(73)	Albania	22 732	0.01	99.92
83	(83)	El Salvador	21 000	0.01	99.93
84	(81)	Costa Rica	20 000	0.01	99.94
85	(88)	Yugoslavia	20 000	0.01	99.95
86	(84)	Croatia	16 600	0.01	99.96
87	(85)	Mongolia	16 000	0.01	99.96
88	(89)	Jamaica	15 000	0.01	99.97
89	(86)	Nicaragua	15 000	0.01	99.98
90	(90)	Oman	12 000	0.01	99.99
91	(91)	Dominican Republic	9 000	0.00	99.99
92	(92)	Laos	7 500	0.00	99.99
93	(93)	Somalia	3 000	0.00	100.00
94	(94)	Uganda	2 500	0.00	100.00
95	(95)	Lebanon	2 000	0.00	100.00
96	(96)	Niger	1 800	0.00	100.00
97	(97)	Cape Verde	1 000	0.00	100.00
98	(98)	Bolivia	869	0.00	100.00
99	(99)	Malta	130	0.00	100.00
100	(**)	Benin	70	0.00	100.00
101	(**)	Nepal	6	0.00	100.00
		Total	198 938 075	100.00	

Sulfur

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	United States	11 900 000	27.69	27.69
2	(2)	Canada	8 502 600	19.79	47.48
3	(3)	China	6 000 000	13.96	61.44
4	(4)	Russia	3 000 000	6.98	68.42
5	(6)	Poland	2 079 000	4.84	73.26
6	(7)	Saudi Arabia	1 600 000	3.72	76.99
7	(8)	Iran	1 120 000	2.61	79.59
8	(9)	Germany, Federal Rep.	1 085 306	2.53	82.12
9	(10)	France	960 000	2.23	84.35
10	(11)	Mexico	923 352	2.15	86.50
11	(13)	Spain	700 000	1.63	88.13
12	(5)	Japan	633 369	1.47	89.60
13	(12)	Kuwait	600 000	1.40	91.00
14	(15)	Iraq	475 000	1.11	92.11
15	(14)	South Africa, Rep. of	466 192	1.08	93.19
16	(16)	Finland	374 736	0.87	94.06
17	(17)	Australia	350 000	0.81	94.88
18	(19)	Brazil	234 707	0.55	95.42
19	(18)	Italy	200 000	0.47	95.89
20	(22)	Taiwan	153 000	0.36	96.24
21	(20)	United Kingdom	150 000	0.35	96.59
22	(26)	Turkmenistan	150 000	0.35	96.94
23	(23)	Venezuela	130 000	0.30	97.25
24	(24)	DPR Korea	130 000	0.30	97.55
25	(25)	Romania	110 000	0.26	97.80
26	(21)	Ukraine	100 000	0.23	98.04
27	(30)	Yugoslavia	100 000	0.23	98.27
28	(27)	Kazakhstan	100 000	0.23	98.50
29	(29)	Abu Dhabi (UAE)	80 000	0.19	98.69
30	(28)	Turkey	80 000	0.19	98.87
31	(31)	Peru	55 000	0.13	99.00
32	(33)	Colombia	53 541	0.12	99.13
33	(32)	Qatar	50 000	0.12	99.24
34	(34)	Namibia	46 476	0.11	99.35
35	(35)	Norway	42 500	0.10	99.45
36	(36)	Bahrain	40 000	0.09	99.54
37	(38)	Bulgaria	25 033	0.06	99.60
38	(37)	Zimbabwe	25 000	0.06	99.66
39	(40)	Algeria	25 000	0.06	99.72
40	(42)	Libya	24 000	0.06	99.77
41	(41)	Zambia	22 000	0.05	99.82
42	(39)	Greece	15 440	0.04	99.86
43	(44)	India	13 000	0.03	99.89
44	(45)	Ecuador	12 500	0.03	99.92
45	(49)	Austria	11 098	0.03	99.95
46	(48)	Indonesia	9 177	0.02	99.97
47	(46)	Egypt	6 500	0.02	99.98
48	(47)	Zaire	6 000	0.01	100.00
49	(50)	Albania	1 300	0.00	100.00
50	(51)	Pakistan	210	0.00	100.00
		Total	42 971 037	100.00	

Talc

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	2 350 000	28.66	28.66
2	(2)	United States	1 060 000	12.93	41.58
3	(3)	Korea, Republic of	820 000	10.00	51.58
4	(4)	Japan	620 000	7.56	59.14
5	(6)	India	600 000	7.32	66.46
6	(5)	Brazil	452 000	5.51	71.97
7	(7)	Finland	437 066	5.33	77.30
8	(8)	Spain	380 000	4.63	81.94
9	(9)	France	330 000	4.02	85.96
10	(10)	Russia	250 000	3.05	89.01
11	(12)	Australia	160 000	1.95	90.96
12	(13)	Austria	141 984	1.73	92.69
13	(11)	Italy	140 816	1.72	94.41
14	(14)	DPR Korea	120 000	1.46	95.87
15	(15)	Canada	70 000	0.85	96.73
16	(16)	Thailand	30 500	0.37	97.10
17	(17)	Norway	30 475	0.37	97.47
18	(18)	Slovakia	26 000	0.32	97.79
19	(19)	Peru	25 000	0.30	98.09
20	(20)	Iran	24 300	0.30	98.39
21	(21)	South Africa, Rep. of	23 184	0.28	98.67
22	(22)	Colombia	15 000	0.18	98.85
23	(23)	Macedonia	15 000	0.18	99.04
24	(24)	Argentina	11 000	0.13	99.17
25	(25)	Romania	10 400	0.13	99.30
26	(26)	Mexico	10 000	0.12	99.42
27	(27)	Germany, Federal Rep.	8 819	0.11	99.53
28	(28)	Portugal	7 831	0.10	99.62
29	(34)	Nepal	6 500	0.08	99.70
30	(29)	United Kingdom	6 000	0.07	99.78
31	(30)	Chile	3 986	0.05	99.82
32	(31)	Taiwan	3 600	0.04	99.87
33	(33)	Turkey	3 200	0.04	99.91
34	(32)	Egypt	3 200	0.04	99.95
35	(35)	Hungary	1 500	0.02	99.96
36	(36)	Zimbabwe	1 023	0.01	99.98
37	(37)	Uruguay	914	0.01	99.99
38	(38)	Guatemala	650	0.01	100.00
39	(39)	Zambia	350	0.00	100.00
40	(41)	Sweden	25	0.00	100.00
		Total	8 200 323	100.00	

Vermiculite

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	211 001	47.24	47.24
2	(2)	United States	150 000	33.58	80.82
3	(4)	Russia	35 000	7.84	88.65
4	(3)	Brazil	23 000	5.15	93.80
5	(5)	Zimbabwe	14 841	3.32	97.12
6	(6)	Japan	10 000	2.24	99.36
7	(7)	India	1 200	0.27	99.63
8	(9)	Kenya	450	0.10	99.73
9	(8)	Egypt	447	0.10	99.83
10	(10)	Australia	400	0.09	99.92
11	(11)	Mexico	350	0.08	100.00
Total			446 689	100.00	

Zircon

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Australia	427 000	47.63	47.63
2	(2)	South Africa, Rep. of	265 000	29.56	77.19
3	(3)	United States	80 000	8.92	86.12
4	(4)	Ukraine	55 000	6.14	92.25
5	(6)	India	21 000	2.34	94.59
6	(7)	Brazil	16 000	1.78	96.38
7	(8)	China	15 000	1.67	98.05
8	(5)	Sri Lanka	12 450	1.39	99.44
9	(9)	Malaysia	5 000	0.56	100.00
10	(10)	Thailand	10	0.00	100.00
Total			896 460	100.00	

6.5.5

Mineral Fuels
Energierohstoffe

Hard Coal

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	China	1 360 000 000	35.09	35.09
2	(2)	United States	908 400 000	23.44	58.54
3	(3)	India	295 900 000	7.64	66.17
4	(5)	Australia	222 000 000	5.73	71.90
5	(4)	South Africa, Rep. of	218 617 320	5.64	77.54
6	(6)	Russia	161 000 000	4.15	81.70
7	(7)	Poland	132 576 000	3.42	85.12
8	(9)	Ukraine	73 900 000	1.91	87.02
9	(14)	DPR Korea	70 000 000	1.81	88.83
10	(8)	Kazakhstan	69 600 000	1.80	90.63
11	(10)	Canada	68 470 000	1.77	92.39
12	(13)	Indonesia	54 652 295	1.41	93.80
13	(11)	United Kingdom	48 600 000	1.25	95.06
14	(12)	Germany, Federal Rep.	46 789 987	1.21	96.27
15	(15)	Colombia	32 592 000	0.84	97.11
16	(16)	Spain	17 993 000	0.46	97.57
17	(17)	Czech Republic	16 038 000	0.41	97.98
18	(19)	Viet Nam	10 700 000	0.28	98.26
19	(18)	Mexico	8 509 976	0.22	98.48
20	(20)	France	6 120 000	0.16	98.64
21	(22)	Brazil	5 600 000	0.14	98.78
22	(24)	Zimbabwe	5 300 749	0.14	98.92
23	(26)	Venezuela	5 280 000	0.14	99.06
24	(25)	Korea, Republic of	4 500 000	0.12	99.17
25	(29)	Turkey	4 444 865	0.11	99.29
26	(23)	Romania	4 300 000	0.11	99.40
27	(21)	Japan	4 274 000	0.11	99.51
28	(27)	New Zealand	3 500 000	0.09	99.60
29	(28)	Pakistan	3 300 000	0.09	99.68
30	(30)	Uzbekistan	3 130 000	0.08	99.76
31	(31)	Iran	1 750 000	0.05	99.81
32	(33)	Chile	1 413 000	0.04	99.85
33	(32)	Philippines	1 100 000	0.03	99.87
34	(34)	Hungary	925 000	0.02	99.90
35	(35)	Botswana	880 000	0.02	99.92
36	(36)	Kyrgystan	500 000	0.01	99.93
37	(39)	Norway	386 440	0.01	99.94
38	(37)	Morocco	376 300	0.01	99.95
39	(38)	Argentina	240 000	0.01	99.96
40	(45)	Swaziland	180 000	0.00	99.96
41	(40)	Niger	150 000	0.00	99.97
42	(49)	Malaysia	105 231	0.00	99.97
43	(42)	Portugal	100 000	0.00	99.97
44	(43)	Tajikistan	100 000	0.00	99.98
45	(54)	Tanzania	100 000	0.00	99.98
46	(44)	Taiwan	98 203	0.00	99.98

47	(46)	Zambia	98 000	0.00	99.98
48	(41)	Afghanistan	98 000	0.00	99.99
49	(53)	Yugoslavia	92 000	0.00	99.99
50	(47)	Nigeria	90 000	0.00	99.99
51	(48)	Peru	80 000	0.00	99.99
52	(52)	Bhutan	64 000	0.00	99.99
53	(50)	Malawi	63 000	0.00	100.00
54	(55)	Georgia	50 000	0.00	100.00
55	(51)	Croatia	48 500	0.00	100.00
56	(56)	Mozambique	35 000	0.00	100.00
57	(57)	Bulgaria	14 198	0.00	100.00
58	(59)	Laos	4 000	0.00	100.00
59	(60)	Egypt	1 200	0.00	100.00
		Total	3 875 230 264	100.00	

Lignite

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Germany, Federal Rep.	177 159 767	20.85	20.85
2	(4)	Russia	83 000 000	9.77	30.62
3	(2)	United States	79 000 000	9.30	39.92
4	(3)	Poland	63 197 000	7.44	47.36
5	(7)	Australia	61 000 000	7.18	54.54
6	(5)	Greece	58 939 419	6.94	61.48
7	(8)	Turkey	56 093 384	6.60	68.09
8	(6)	Czech Republic	53 825 000	6.34	74.42
9	(9)	China	30 000 000	3.53	77.95
10	(10)	Romania	29 000 000	3.41	81.37
11	(11)	Bulgaria	26 929 000	3.17	84.54
12	(12)	India	25 000 000	2.94	87.48
13	(13)	Thailand	23 443 000	2.76	90.24
14	(15)	DPR Korea	21 000 000	2.47	92.71
15	(14)	Hungary	15 246 000	1.79	94.51
16	(16)	Canada	10 000 000	1.18	95.68
17	(17)	Spain	8 462 000	1.00	96.68
18	(18)	Macedonia	7 443 000	0.88	97.56
19	(20)	Slovenia	5 000 000	0.59	98.14
20	(19)	Mongolia	4 500 000	0.53	98.67
21	(21)	Slovakia	3 914 000	0.46	99.13
22	(23)	Kazakhstan	3 000 000	0.35	99.49
23	(22)	Ukraine	2 000 000	0.24	99.72
24	(24)	Austria	1 130 339	0.13	99.86
25	(25)	France	690 000	0.08	99.94
26	(26)	Italy	222 421	0.03	99.96
27	(27)	New Zealand	200 000	0.02	99.99
28	(30)	Yugoslavia	42 313	0.00	99.99
29	(28)	Albania	38 900	0.00	100.00
30	(29)	Myanmar	22 537	0.00	100.00
31	(31)	Nepal	8 200	0.00	100.00
		Total	849 506 280	100.00	

Natural Gas

Rank 97	Rank 96	Country	Production 1997 Mio m ³	Share in %	cum. sh.
1	(1)	Russia	571 000	24.71	24.71
2	(2)	United States	537 700	23.27	47.97
3	(3)	Canada	156 842	6.79	54.76
4	(6)	United Kingdom	92 000	3.98	58.74
5	(5)	Indonesia	90 294	3.91	62.65
6	(4)	Netherlands	81 800	3.54	66.18
7	(7)	Algeria	64 000	2.77	68.95
8	(8)	Uzbekistan	51 200	2.22	71.17
9	(17)	Iran	48 100	2.08	73.25
10	(10)	Norway	45 600	1.97	75.22
11	(9)	Saudi Arabia	43 000	1.86	77.08
12	(12)	Malaysia	40 000	1.73	78.81
13	(15)	Australia	30 619	1.32	80.14
14	(16)	Argentina	29 500	1.28	81.42
15	(14)	Mexico	29 000	1.25	82.67
16	(13)	Venezuela	28 000	1.21	83.88
17	(21)	China	24 000	1.04	84.92
18	(18)	Germany, Federal Rep.	21 122	0.91	85.83
19	(23)	India	20 500	0.89	86.72
20	(20)	Pakistan	19 759	0.85	87.58
21	(19)	Italy	19 123	0.83	88.40
22	(22)	Ukraine	18 100	0.78	89.19
23	(24)	Romania	18 000	0.78	89.97
24	(11)	Turkmenistan	17 300	0.75	90.71
25	(25)	Abu Dhabi (UAE)	16 000	0.69	91.41
26	(26)	Egypt	14 000	0.61	92.01
27	(29)	Qatar	13 700	0.59	92.61
28	(30)	Thailand	13 000	0.56	93.17
29	(28)	Kuwait	12 000	0.52	93.69
30	(31)	Brazil	9 847	0.43	94.11
31	(27)	Brunei	9 400	0.41	94.52
32	(33)	Bangladesh	9 000	0.39	94.91
33	(34)	Oman	8 000	0.35	95.26
34	(35)	Libya	8 000	0.35	95.60
35	(32)	Trinidad and Tobago	8 000	0.35	95.95
36	(38)	Denmark	7 000	0.30	96.25
37	(36)	Azerbaijan	5 964	0.26	96.51
38	(37)	Bahrain	5 800	0.25	96.76
39	(41)	Colombia	5 800	0.25	97.01
40	(40)	New Zealand	5 500	0.24	97.25
41	(48)	Bolivia	5 321	0.23	97.48
42	(39)	Nigeria	5 000	0.22	97.70
43	(42)	Hungary	4 513	0.20	97.89
44	(43)	Poland	4 500	0.19	98.09
45	(44)	Sharjah (UAE)	4 500	0.19	98.28
46	(47)	Kazakhstan	4 000	0.17	98.45
47	(49)	Ecuador	3 500	0.15	98.60
48	(46)	Iraq	3 500	0.15	98.76

49	(45)	Chile	3 211	0.14	98.89
50	(50)	Syria	3 000	0.13	99.02
51	(51)	France	2 700	0.12	99.14
52	(53)	Dubai (UAE)	2 500	0.11	99.25
53	(52)	Ireland	2 410	0.10	99.35
54	(54)	Japan	2 279	0.10	99.45
55	(56)	Myanmar	1 800	0.08	99.53
56	(55)	Croatia	1 717	0.07	99.60
57	(61)	Tunisia	1 653	0.07	99.68
58	(58)	Austria	1 428	0.06	99.74
59	(59)	Peru	1 100	0.05	99.79
60	(57)	Afghanistan	1 000	0.04	99.83
61	(60)	Taiwan	849	0.04	99.87
62	(62)	Yugoslavia	688	0.03	99.90
63	(63)	Angola	450	0.02	99.91
64	(68)	Jordan	291	0.01	99.93
65	(65)	Slovakia	289	0.01	99.94
66	(67)	Belorussia	245	0.01	99.95
67	(66)	Czech Republic	229	0.01	99.96
68	(69)	Turkey	200	0.01	99.97
69	(64)	Spain	178	0.01	99.98
70	(70)	Papua New Guinea	100	0.00	99.98
71	(71)	Gabon	85	0.00	99.98
72	(72)	Senegal	60	0.00	99.99
73	(73)	Tajikistan	40	0.00	99.99
74	(75)	Greece	38	0.00	99.99
75	(74)	Bulgaria	38	0.00	99.99
76	(80)	Cuba	37	0.00	99.99
77	(76)	Kyrgystan	30	0.00	100.00
78	(77)	Barbados	27	0.00	100.00
79	(78)	Morocco	25	0.00	100.00
80	(79)	Albania	18	0.00	100.00
81	(81)	Israel	15	0.00	100.00
82	(82)	Slovenia	15	0.00	100.00
83	(84)	Georgia	6	0.00	100.00
84	(83)	Guatemala	6	0.00	100.00
		Total	2 311 161	100.00	

Oil

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Saudi Arabia	415 900 000	11.97	11.97
2	(2)	United States	398 100 000	11.46	23.43
3	(3)	Russia	346 576 400	9.98	33.41
4	(4)	Iran	191 000 000	5.50	38.91
5	(5)	Mexico	169 300 000	4.87	43.78
6	(8)	Venezuela	162 300 000	4.67	48.45

7	(7)	China	162 000 000	4.66	53.11
8	(6)	Norway	160 800 000	4.63	57.74
9	(10)	Canada	122 463 700	3.53	61.27
10	(11)	Nigeria	119 527 523	3.44	64.71
11	(9)	United Kingdom	119 500 000	3.44	68.15
12	(12)	Kuwait	106 500 000	3.07	71.21
13	(13)	Abu Dhabi (UAE)	89 313 300	2.57	73.78
14	(14)	Indonesia	78 497 110	2.26	76.04
15	(15)	Libya	68 000 000	1.96	78.00
16	(27)	Iraq	56 300 000	1.62	79.62
17	(16)	Brazil	56 000 000	1.61	81.23
18	(17)	Egypt	46 400 000	1.34	82.57
19	(18)	Oman	44 900 000	1.29	83.86
20	(19)	Argentina	44 600 000	1.28	85.15
21	(20)	Algeria	39 500 000	1.14	86.28
22	(26)	India	37 300 000	1.07	87.36
23	(21)	Angola	37 000 000	1.07	88.42
24	(22)	Malaysia	35 500 000	1.02	89.44
25	(23)	Colombia	34 700 000	1.00	90.44
26	(25)	Australia	33 947 000	0.98	91.42
27	(24)	Syria	29 500 000	0.85	92.27
28	(29)	Kazakhstan	25 800 000	0.74	93.01
29	(28)	Qatar	25 100 000	0.72	93.73
30	(30)	Ecuador	19 300 000	0.56	94.29
31	(31)	Gabon	18 600 000	0.54	94.82
32	(33)	Yemen, Republic of	18 500 000	0.53	95.36
33	(32)	Dubai (UAE)	18 350 000	0.53	95.89
34	(35)	Denmark	13 400 000	0.39	96.27
35	(34)	Congo	11 000 000	0.32	96.59
36	(36)	Brunei	9 900 000	0.28	96.87
37	(37)	Azerbaijan	9 027 000	0.26	97.13
38	(38)	Viet Nam	8 500 000	0.24	97.38
39	(39)	Uzbekistan	7 891 000	0.23	97.60
40	(40)	Trinidad and Tobago	6 800 000	0.20	97.80
41	(41)	Romania	6 700 000	0.19	97.99
42	(42)	Peru	6 400 000	0.18	98.18
43	(44)	Italy	5 892 055	0.17	98.35
44	(43)	Papua New Guinea	5 500 000	0.16	98.51
45	(45)	Turkmenistan	4 700 000	0.14	98.64
46	(48)	Ukraine	4 100 000	0.12	98.76
47	(46)	Cameroon	4 100 000	0.12	98.88
48	(47)	Tunisia	3 793 000	0.11	98.99
49	(49)	Turkey	3 427 814	0.10	99.08
50	(62)	Pakistan	3 039 550	0.09	99.17
51	(51)	Germany, Federal Rep.	2 820 078	0.08	99.25
52	(50)	Netherlands	2 470 000	0.07	99.32
53	(55)	Bolivia	1 902 536	0.05	99.38
54	(54)	Belorussia	1 800 000	0.05	99.43
55	(53)	Bahrain	1 800 000	0.05	99.48
56	(52)	France	1 780 000	0.05	99.53
57	(57)	New Zealand	1 600 000	0.05	99.58
58	(56)	Croatia	1 496 000	0.04	99.62
59	(59)	Cuba	1 461 500	0.04	99.66
60	(58)	Hungary	1 355 400	0.04	99.70
61	(64)	Austria	1 011 063	0.03	99.73
62	(61)	Thailand	1 000 000	0.03	99.76

63	(60)	Zaire	1 000 000	0.03	99.79
64	(63)	Yugoslavia	979 000	0.03	99.82
65	(65)	Japan	842 000	0.02	99.84
66	(66)	Guatemala	800 000	0.02	99.87
67	(67)	Myanmar	600 000	0.02	99.88
68	(69)	Chile	489 043	0.01	99.90
69	(68)	Greece	436 000	0.01	99.91
70	(72)	Suriname	420 000	0.01	99.92
71	(73)	Sharjah (UAE)	395 400	0.01	99.93
72	(70)	Spain	380 000	0.01	99.94
73	(71)	Albania	359 700	0.01	99.95
74	(76)	Lithuania	213 000	0.01	99.96
75	(75)	Equatorial Guinea	205 000	0.01	99.97
76	(74)	Poland	181 030	0.01	99.97
77	(78)	Czech Republic	159 000	0.00	99.98
78	(77)	Benin	150 000	0.00	99.98
79	(80)	Georgia	143 000	0.00	99.98
80	(79)	Kyrgystan	120 000	0.00	99.99
81	(81)	Philippines	90 000	0.00	99.99
82	(83)	Bangladesh	69 000	0.00	99.99
83	(82)	Slovakia	64 480	0.00	99.99
84	(84)	Barbados	60 000	0.00	100.00
85	(85)	Ras Al-Khaimah (UAE)	46 800	0.00	100.00
86	(87)	Tajikistan	28 000	0.00	100.00
87	(86)	Bulgaria	27 750	0.00	100.00
88	(88)	Israel	8 500	0.00	100.00
89	(89)	Morocco	2 933	0.00	100.00
90	(90)	Jordan	2 097	0.00	100.00
91	(91)	Slovenia	1 900	0.00	100.00
		Total	3 474 015 662	100.00	

Oil Shale

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Estonia	14 382 723	85.72	85.72
2	(2)	Russia	2 000 000	11.92	97.64
3	(3)	Germany, Federal Rep.	354 262	2.11	99.75
4	(4)	France	22 000	0.13	99.88
5	(5)	Italy	20 000	0.12	100.00
6	(6)	Austria	520	0.00	100.00
		Total	16 779 505	100.00	

Uranium

Rank 97	Rank 96	C o u n t r y	Production 1997 metr.t	Share in %	cum. sh.
1	(1)	Canada	11 416	32.11	32.11
2	(2)	Australia	5 797	16.31	48.42
3	(3)	Niger	3 497	9.84	58.25
4	(4)	Namibia	3 426	9.64	67.89
5	(5)	United States	2 170	6.10	74.00
6	(6)	Russia	2 000	5.63	79.62
7	(8)	Uzbekistan	1 955	5.50	85.12
8	(7)	South Africa, Rep. of	1 324	3.72	88.84
9	(9)	Kazakhstan	1 000	2.81	91.66
10	(10)	France	579	1.63	93.29
11	(14)	China	500	1.41	94.69
12	(13)	Ukraine	500	1.41	96.10
13	(12)	Gabon	472	1.33	97.43
14	(15)	Spain	350	0.98	98.41
15	(17)	India	200	0.56	98.97
16	(16)	Mongolia	150	0.42	99.40
17	(11)	Czech Republic	140	0.39	99.79
18	(20)	Argentina	35	0.10	99.89
19	(19)	Germany, Federal Rep.	23	0.06	99.95
20	(21)	Portugal	17	0.05	100.00
		Total	35 551	100.00	

6.6

Production of Mineral Commodities of individual Countries, by Country

Produktion mineralischer Rohstoffe der einzelnen Länder, nach Ländern geordnet

Abu Dhabi (UAE)

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	40 000	40 000	30 000	30 000	25 000	-37.50	-16.67
Salt	(t)	35 000	35 000	35 000	38 000	35 000	0.00	-7.89
Sulfur	(t)	110 000	110 000	90 000	80 000	80 000	-27.27	0.00
Nat.Gas	(Mio m3)	18 860	19 000	17 500	16 000	16 000	-15.16	0.00
Oil	(t)	95 400 000	95 400 000	97 797 188	89 478 400	89 313 300	-6.38	-0.18

Afghanistan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Chromium	(t)	0	0	4 200	4 500	3 250	.	-27.78
Copper	(t)	0	0	4 250	6 000	3 550	.	-40.83
Baryte	(t)	6 500	7 500	6 200	6 000	4 700	-27.69	-21.67
Fluorspar	(t)	0	1 200	900	800	560	.	-30.00
Gypsum	(t)	85 000	105 000	98 000	95 000	74 000	-12.94	-22.11
Salt	(t)	14 000	22 500	25 000	28 000	31 500	125.00	12.50
Hard-Coal	(t)	160 000	178 000	167 000	180 000	98 000	-38.75	-45.56
Nat.Gas	(Mio m3)	2 000	1 200	1 415	1 500	1 000	-50.00	-33.33

Albania

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	8 000	7 000	7 000	6 500	6 000	-25.00	-7.69
Chromium	(t)	32 911	11 381	30 892	30 402	22 000	-33.15	-27.64
Cobalt	(t)	26	0	0	0	0	-100.00	.
Bauxite	(t)	0	3 613	0	0	4 454	.	.
Copper	(t)	13 922	8 693	16 664	10 807	870	-93.75	-91.95
Gold	(kg)	40	0	0	0	0	-100.00	.

Gypsum	(t)	30 000	11 479	10 000	2 108	2 000	-93.33	-5.12
Kaolin	(t)	500	1 877	1 500	1 300	1 200	140.00	-7.69
Salt	(t)	45 000	40 000	40 000	35 000	22 732	-49.48	-35.05
Sulfur	(t)	2 600	2 000	2 000	1 500	1 300	-50.00	-13.33
Lignite	(t)	135 000	120 112	80 262	68 936	38 900	-71.19	-43.57
Nat.Gas (Mio m3)		82	52	28	23	18	-78.05	-21.74
Oil	(t)	568 000	535 345	520 866	488 214	359 700	-36.67	-26.32

Algeria

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	1 228 500	1 105 380	1 188 000	1 212 300	883 980	-28.04	-27.08
Cadmium	(t)	18	15	15	14	15	-16.67	7.14
Lead	(t)	900	700	1 383	1 016	1 342	49.11	32.09
Mercury	(t)	459	448	295	368	447	-2.61	21.47
Zinc	(t)	3 672	3 050	3 874	3 192	3 661	-0.30	14.69
Silver	(kg)	2 200	3 000	2 000	2 000	1 600	-27.27	-20.00
Baryte	(t)	47 232	20 584	29 838	31 348	39 140	-17.13	24.86
Bentonite	(t)	20 833	20 215	17 088	19 526	21 617	3.76	10.71
Diatomite	(t)	3 471	3 500	3 500	3 000	2 332	-32.81	-22.27
Feldspar	(t)	6 500	6 500	6 000	5 800	5 500	-15.38	-5.17
Gypsum	(t)	230 000	230 000	250 000	240 000	230 000	0.00	-4.17
Kaolin	(t)	12 586	16 984	24 068	23 417	18 533	47.25	-20.86
Phosphate	(t)	245 000	250 920	542 640	357 340	361 420	47.52	1.14
Salt	(t)	179 000	178 000	250 000	220 000	137 310	-23.29	-37.59
Sulfur	(t)	25 000	25 000	26 000	26 000	25 000	0.00	-3.85
Nat.Gas (Mio m3)		57 000	58 000	59 000	60 600	64 000	12.28	5.61
Oil	(t)	56 300 000	55 900 000	56 600 000	38 100 000	39 500 000	-29.84	3.67

Angola

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Diam. (Gem)	(c)	900 000	1 260 000	2 880 000	3 330 000	4 770 000	430.00	43.24
Diam. (Ind)	(c)	100 000	140 000	320 000	370 000	530 000	430.00	43.24
Gypsum	(t)	40 000	40 000	35 000	35 000	30 000	-25.00	-14.29
Salt	(t)	40 000	40 000	40 000	30 000	28 000	-30.00	-6.67
Nat.Gas (Mio m3)		560	580	600	500	450	-19.64	-10.00
Oil	(t)	24 980 000	26 100 000	32 338 270	36 510 950	37 000 000	48.12	1.34

Argentina

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	1 372	28 181	310	0	0	-100.00	.
Chromium	(t)	2	10	0	0	0	-100.00	.
Aluminium	(t)	172 900	180 000	180 000	170 000	183 700	6.25	8.06
Cadmium	(t)	80	68	82	127	162	102.50	27.56
Copper	(t)	0	0	0	0	30 000	.	.
Lead	(t)	11 826	9 952	10 521	11 272	13 700	15.85	21.54
Zinc	(t)	31 395	26 915	32 104	31 093	29 000	-7.63	-6.73
Gold	(kg)	937	899	837	723	2 500	166.81	245.78
Silver	(kg)	42 744	38 056	47 787	50 399	56 600	32.42	12.30
Asbestos	(t)	309	319	300	446	0	-100.00	-100.00
Baryte	(t)	11 267	27 952	28 907	14 038	14 000	24.26	-0.27
Bentonite	(t)	96 706	117 095	113 760	134 588	130 000	34.43	-3.41
Boron	(t)	146 349	215 021	244 933	342 210	350 000	139.15	2.28
Diatomite	(t)	3 096	6 300	4 928	8 647	9 000	190.70	4.08
Feldspar	(t)	55 764	39 825	36 901	72 539	80 000	43.46	10.29
Fluorspar	(t)	4 611	3 585	5 071	5 666	6 000	30.12	5.89
Gypsum	(t)	519 181	515 269	590 055	633 121	680 000	30.98	7.40
Kaolin	(t)	42 052	50 471	39 860	64 241	65 000	54.57	1.18
Perlite	(t)	9 367	21 200	20 058	21 547	22 000	134.87	2.10
Salt	(t)	1 033 804	957 000	1 009 297	1 096 321	1 100 000	6.40	0.34
Talc	(t)	20 046	16 850	12 474	11 777	11 000	-45.13	-6.60
Vermiculite	(t)	38	32	44	0	0	-100.00	.
Hard-Coal	(t)	170 000	150 000	130 000	240 000	240 000	41.18	0.00
Nat.Gas (Mio m3)		19 400	20 000	20 000	27 300	29 500	52.06	8.06
Oil	(t)	29 700 000	33 800 000	37 345 486	40 000 000	44 600 000	50.17	11.50
Uranium	(t)	148	92	68	27	35	-76.35	29.63

Armenia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Molybdenum	(t)	500	500	500	670	680	36.00	1.49
Copper	(t)	4 000	5 000	7 000	6 951	6 758	68.95	-2.78
Lead	(t)	200	50	0	0	0	-100.00	.
Zinc	(t)	300	100	0	557	610	103.33	9.52
Gold	(kg)	500	500	100	244	850	70.00	248.36
Baryte	(t)	600	500	500	400	350	-41.67	-12.50
Bentonite	(t)	100 000	80 000	80 000	75 000	70 000	-30.00	-6.67
Diatomite	(t)	1 000	800	700	400	400	-60.00	0.00
Perlite	(t)	10 000	5 000	5 000	6 000	6 000	-40.00	0.00
Salt	(t)	22 000	24 000	26 000	26 400	26 500	20.45	0.38

Australia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	75 334 406	80 950 590	90 049 680	92 698 830	100 583 910	33.52	8.51
Cobalt	(t)	600	2 100	2 400	2 500	2 500	316.67	0.00
Manganese	(t)	1 057 440	953 280	1 044 480	1 012 320	1 647 000	55.75	62.70
Nickel	(t)	74 000	82 000	102 000	113 000	134 000	81.08	18.58
Tantalum-Col.	(t)	250	246	275	280	290	16.00	3.57
Titanium	(t)	1 042 468	1 176 356	1 279 650	1 287 480	1 472 612	41.26	14.38
Tungsten	(t)	23	23	0	0	0	-100.00	.
Aluminium	(t)	1 406 000	1 318 000	1 297 000	1 371 000	1 589 000	13.02	15.90
Antimony	(t)	2 300	1 300	1 700	1 300	1 300	-43.48	0.00
Bauxite	(t)	41 255 000	42 159 000	42 655 000	43 063 000	44 878 000	8.78	4.21
Cadmium	(t)	2 250	910	950	950	632	-71.91	-33.47
Copper	(t)	360 000	391 000	437 000	525 000	580 000	61.11	10.48
Lead	(t)	507 000	505 000	455 000	522 000	571 000	12.62	9.39
Lithium	(t)	3 195	3 100	6 240	6 500	6 600	106.57	1.54
Mercury	(t)	5	5	4	4	0	-100.00	-100.00
Rare Earths	(t)	6 000	3 300	3 000	2 000	1 000	-83.33	-50.00
Tin	(t)	7 993	7 400	8 175	8 828	10 100	26.36	14.41
Zinc	(t)	1 011 000	955 000	930 000	1 071 000	1 038 000	2.67	-3.08
Gold	(kg)	252 000	255 233	253 500	288 880	316 000	25.40	9.39
Platinum	(kg)	540	540	500	500	450	-16.67	-10.00
Silver	(kg)	1 187 000	1 045 000	920 000	1 020 000	1 332 000	12.22	30.59
Baryte	(t)	10 000	10 000	11 729	12 000	12 500	25.00	4.17
Bentonite	(t)	66 000	66 000	65 000	65 000	60 000	-9.09	-7.69
Diam. (Gem)	(c)	16 800 500	17 516 000	16 157 200	16 797 200	17 218 400	2.49	2.51
Diam. (Ind)	(c)	25 075 500	26 274 000	24 235 800	25 195 800	25 827 600	3.00	2.51
Diatomite	(t)	12 500	12 000	12 000	11 000	10 000	-20.00	-9.09
Feldspar	(t)	23 200	23 500	23 500	24 000	23 500	1.29	-2.08
Gypsum	(t)	1 500 000	2 000 000	2 100 000	2 100 000	2 000 000	33.33	-4.76
Kaolin	(t)	240 000	240 000	200 000	190 000	170 000	-29.17	-10.53
Magnesite	(t)	277 356	289 071	261 421	180 083	333 668	20.30	85.29
Perlite	(t)	3 500	3 600	3 600	3 500	3 400	-2.86	-2.86
Phosphate	(t)	350	1 000	800	1 864	1 970	462.86	5.69
Salt	(t)	7 677 000	8 137 000	8 480 000	7 905 000	9 043 000	17.79	14.40
Sulfur	(t)	500 000	500 000	450 000	400 000	350 000	-30.00	-12.50
Talc	(t)	175 000	170 000	170 000	165 000	160 000	-8.57	-3.03
Vermiculite	(t)	200	200	200	400	400	100.00	0.00
Zircon	(t)	438 000	511 000	510 000	462 000	427 000	-2.51	-7.58
Hard-Coal	(t)	221 426 000	228 014 000	229 500 000	206 000 000	222 000 000	0.26	7.77
Lignite	(t)	50 459 000	48 682 000	48 100 000	55 000 000	61 000 000	20.89	10.91
Nat. Gas (Mio m3)		25 477	28 147	29 718	29 799	30 619	20.18	2.75
Oil	(t)	23 110 400	31 247 200	29 383 000	31 579 000	33 947 000	46.89	7.50
Uranium	(t)	2 540	2 604	4 378	5 831	5 797	128.23	-0.58

Austria

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	448 080	519 137	664 455	634 226	575 924	28.53	-9.19
Tungsten	(t)	120	0	957	1 805	1 916	1496.67	6.15
Lead	(t)	2 047	0	0	0	0	-100.00	.
Zinc	(t)	20 014	0	0	0	0	-100.00	.
Feldspar	(t)	8 492	4 883	0	0	0	-100.00	.
Graphite	(t)	4 146	12 324	12 019	33 122	12 582	203.47	-62.01
Gypsum	(t)	876 341	1 060 469	958 430	996 387	975 738	11.34	-2.07
Kaolin	(t)	341 956	468 873	426 553	189 235	266 058	-22.20	40.60
Magnesite	(t)	648 864	681 375	783 497	710 620	790 297	21.80	11.21
Salt	(t)	877 205	742 550	787 392	776 041	704 764	-19.66	-9.18
Sulfur	(t)	7 656	9 266	10 340	3 122	11 098	44.96	255.48
Talc	(t)	136 640	130 602	131 614	152 645	141 984	3.91	-6.98
Lignite	(t)	1 691 175	1 368 717	1 249 299	1 108 058	1 130 339	-33.16	2.01
Nat.Gas (Mio m3)		1 488	1 355	1 482	1 492	1 428	-4.03	-4.29
Oil	(t)	1 193 117	1 145 322	1 076 987	1 024 843	1 011 063	-15.26	-1.34
Oil-Shale	(t)	195	330	498	500	520	166.67	4.00

Remarks:

Oil incl.condensate

Azerbaijan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	300 000	300 000	0	0	0	-100.00	.
Aluminium	(t)	4 100	4 000	4 000	6 000	4 717	15.05	-21.38
Gypsum	(t)	75 000	60 000	55 000	50 000	45 000	-40.00	-10.00
Potash	(t)	50 000	40 000	50 000	50 000	50 000	0.00	0.00
Salt	(t)	40 000	30 000	30 000	25 000	23 000	-42.50	-8.00
Nat.Gas (Mio m3)		6 683	5 571	6 644	6 337	5 964	-10.76	-5.89
Oil	(t)	9 560 000	8 881 240	9 161 300	9 069 687	9 027 000	-5.58	-0.47

Bahamas

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Salt	(t)	800 000	850 000	850 000	800 000	750 000	-6.25	-6.25

Bahrain

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Aluminium	(t)	448 260	449 419	460 000	460 000	489 900	9.29	6.50
Sulfur	(t)	50 900	27 247	41 513	40 000	40 000	-21.41	0.00
Nat.Gas (Mio m3)		9 799	9 947	10 054	5 880	5 800	-40.81	-1.36
Oil	(t)	2 125 000	2 200 000	1 971 295	1 900 000	1 800 000	-15.29	-5.26

Bangladesh

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Kaolin	(t)	1 637	3 283	3 300	3 500	3 800	132.13	8.57
Salt	(t)	700 000	700 000	650 000	620 000	600 000	-14.29	-3.23
Nat.Gas (Mio m3)		5 741	7 004	7 000	7 875	9 000	56.77	14.29
Oil	(t)	51 735	52 000	52 000	68 000	69 000	33.37	1.47

Remarks:

Crude oil incl. condensate

Barbados

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Nat.Gas (Mio m3)		10	28	29	29	27	170.00	-6.90
Oil	(t)	65 961	61 666	62 000	62 000	60 000	-9.04	-3.23

Belgium

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Baryte	(t)	50 000	50 000	50 000	50 000	45 000	-10.00	-10.00
Kaolin	(t)	45 000	45 000	45 000	45 000	40 000	-11.11	-11.11

Belorussia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Potash	(t)	1 946 700	2 500 000	2 500 000	2 600 000	2 700 000	38.70	3.85
Salt	(t)	277 000	1 200 000	1 400 000	1 199 000	1 200 000	333.21	0.08
Nat.Gas (Mio m3)		294	270	280	249	245	-16.67	-1.61
Oil	(t)	2 005 300	2 000 000	2 000 000	1 860 000	1 800 000	-10.24	-3.23

Benin

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Salt	(t)	100	100	90	80	70	-30.00	-12.50
Oil	(t)	168 823	156 478	160 000	155 000	150 000	-11.15	-3.23

Bhutan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	25 590	45 100	45 000	66 602	67 000	161.82	0.60
Hard-Coal	(t)	57 660	55 010	55 000	63 865	64 000	11.00	0.21

Bolivia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	32 118	35 400	0	0	0	-100.00	.
Tantalum-Col.	(t)	4	2	6	6	7	75.00	16.67
Tungsten	(t)	330	582	826	733	647	96.06	-11.73
Antimony	(t)	4 155	7 050	6 426	6 488	5 985	44.04	-7.75
Arsenic	(t)	663	341	362	255	282	-57.47	10.59
Bismuth	(t)	7	0	19	0	55	685.71	.
Cadmium	(t)	4	3	0	0	0	-100.00	.
Copper	(t)	94	79	127	92	182	93.62	97.83
Lead	(t)	21 220	19 678	20 387	16 538	18 608	-12.31	12.52
Tin	(t)	18 634	16 027	14 419	14 802	12 898	-30.78	-12.86
Zinc	(t)	124 638	100 742	146 130	145 092	154 491	23.95	6.48
Gold	(kg)	10 403	13 000	14 405	12 634	13 290	27.75	5.19
Silver	(kg)	332 768	352 000	425 053	384 384	387 200	16.36	0.73
Baryte	(t)	368	3 307	4 000	4 745	4 402	1096.20	-7.23
Bentonite	(t)	0	0	3 855	98	90	.	-8.16
Boron	(t)	11 990	6 836	5 400	4 128	6 095	-49.17	47.65
Gypsum	(t)	0	532	500	192	20	.	-89.58
Salt	(t)	150	150	200	273	869	479.33	218.32
Sulfur	(t)	0	252	0	0	0	.	.
Nat.Gas (Mio m3)		3 117	3 160	3 155	3 220	5 321	70.71	65.25
Oil	(t)	1 144 223	1 200 000	1 616 914	1 720 690	1 902 536	66.27	10.57

Bosnia-Herzegovina

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
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Remarks:

Civil war continued, no data available.

Botswana

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
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Cobalt	(t)	205	223	271	405	348	69.76	-14.07
Nickel	(t)	28 808	17 468	15 294	17 461	20 600	-28.49	17.98
Copper	(t)	20 197	21 563	19 140	20 979	20 700	2.49	-1.33
Gold	(kg)	192	234	86	140	150	-21.88	7.14
Diam. (Gem)	(c)	10 311 000	10 883 040	11 761 707	12 436 943	14 070 000	36.46	13.13
Diam. (Ind)	(c)	4 419 000	4 664 160	5 040 731	5 312 119	6 030 000	36.46	13.51
Salt	(t)	98 000	186 000	208 126	180 000	190 000	93.88	5.56
Hard-Coal	(t)	890 000	900 000	898 383	860 000	880 000	-1.12	2.33

Brazil

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
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Iron	(t)	92 452 000	97 440 000	107 880 000	110 780 000	108 286 000	17.13	-2.25
Chromium	(t)	134 000	149 000	175 667	216 600	112 274	-16.21	-48.17
Manganese	(t)	602 800	840 000	840 000	852 000	849 600	40.94	-0.28
Nickel	(t)	15 750	16 508	15 676	16 432	18 199	15.55	10.75
Tantalum-Col.	(t)	30 200	31 625	42 968	48 000	45 385	50.28	-5.45
Titanium	(t)	43 800	54 528	57 113	60 000	54 216	23.78	-9.64
Tungsten	(t)	100	90	100	100	51	-49.00	-49.00
Aluminium	(t)	1 174 500	1 185 000	1 180 000	1 200 000	1 189 000	1.23	-0.92
Bauxite	(t)	9 356 000	8 673 000	8 673 000	12 260 000	11 671 000	24.74	-4.80
Cadmium	(t)	135	135	162	150	162	20.00	8.00
Copper	(t)	43 568	39 674	49 000	46 200	39 952	-8.30	-13.52
Lead	(t)	4 000	4 000	6 000	5 000	8 729	118.23	74.58
Lithium	(t)	90	90	32	32	30	-66.67	-6.25
Rare Earths	(t)	770	800	400	200	400	-48.05	100.00
Tin	(t)	25 900	16 900	20 767	23 178	18 291	-29.38	-21.08
Zinc	(t)	150 000	187 304	193 976	177 466	152 634	1.76	-13.99
Gold	(kg)	70 000	71 000	63 299	57 000	58 488	-16.45	2.61
Silver	(kg)	162 500	50 400	49 775	50 000	26 598	-83.63	-46.80

Asbestos	(t)	184 918	191 900	208 700	213 210	208 447	12.72	-2.23
Baryte	(t)	54 500	45 000	45 000	40 000	51 961	-4.66	29.90
Bentonite	(t)	165 000	160 000	155 000	150 000	224 055	35.79	49.37
Diam. (Gem)	(c)	320 000	240 000	104 500	98 000	70 000	-78.13	-28.57
Diam. (Ind)	(c)	140 000	60 000	45 000	42 000	30 000	-78.57	-28.57
Diatomite	(t)	14 600	17 017	14 049	14 000	13 500	-7.53	-3.57
Feldspar	(t)	135 000	140 000	145 000	145 000	135 000	0.00	-6.90
Fluorspar	(t)	94 350	81 000	81 000	77 700	78 399	-16.91	0.90
Graphite	(t)	29 500	29 000	37 000	32 000	31 190	5.73	-2.53
Gypsum	(t)	808 822	789 000	789 000	1 200 000	1 395 664	72.56	16.31
Kaolin	(t)	830 000	953 000	1 000 000	1 110 000	1 280 000	54.22	15.32
Magnesite	(t)	280 000	279 600	282 000	302 700	294 629	5.22	-2.67
Phosphate	(t)	1 008 833	1 201 220	1 220 600	1 298 800	1 510 000	49.68	16.26
Potash	(t)	173 668	255 000	370 000	405 000	280 164	61.32	-30.82
Salt	(t)	8 200 000	5 300 000	6 100 000	5 500 000	6 516 000	-20.54	18.47
Sulfur	(t)	320 000	250 000	256 755	230 000	234 707	-26.65	2.05
Talc	(t)	420 000	440 000	440 000	470 000	452 000	7.62	-3.83
Vermiculite	(t)	20 000	46 000	46 000	42 000	23 000	15.00	-45.24
Zircon	(t)	17 000	24 000	15 000	17 000	16 000	-5.88	-5.88
Hard-Coal	(t)	4 565 000	4 911 000	5 510 000	5 400 000	5 600 000	22.67	3.70
Nat.Gas (Mio m3)		7 210	7 508	8 115	9 182	9 847	36.57	7.24
Oil	(t)	32 551 000	40 182 000	40 880 000	51 600 000	56 000 000	72.04	8.53
Uranium	(t)	50	95	103	147	0	-100.00	-100.00

Remarks:
TiO₂ exclusive anatase

Brunei

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Nat.Gas (Mio m3)	9 901	8 400	11 150	12 000	9 400	-5.06	-21.67
Oil (t)	8 530 582	8 866 945	8 731 541	9 400 000	9 900 000	16.05	5.32

Bulgaria

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron (t)	185 965	197 456	215 945	222 424	260 550	40.11	17.14
Manganese (t)	4 002	3 000	5 600	13 059	14 215	255.20	8.85
Cadmium (t)	266	159	305	350	275	3.38	-21.43
Copper (t)	62 498	75 500	90 000	105 610	109 240	74.79	3.44
Lead (t)	56 997	49 341	46 466	43 000	41 269	-27.59	-4.03
Zinc (t)	53 924	32 407	30 000	25 745	70 420	30.59	173.53
Gold (kg)	612	242	828	649	1 020	66.67	57.16
Silver (kg)	5 537	2 067	2 600	6 870	4 414	-20.28	-35.75

Asbestos	(t)	1 500	1 400	900	1 000	800	-46.67	-20.00
Baryte	(t)	42 724	40 000	66 633	30 357	92 710	117.00	205.40
Gypsum	(t)	184 841	159 601	162 595	168 948	134 390	-27.29	-20.45
Kaolin	(t)	110 773	145 262	168 455	188 795	158 185	42.80	-16.21
Salt	(t)	139 208	164 590	159 993	160 000	200 000	43.67	25.00
Sulfur	(t)	17 781	15 000	25 301	26 624	25 033	40.79	-5.98
Hard-Coal	(t)	200 000	180 000	24 471	18 805	14 198	-92.90	-24.50
Lignite	(t)	28 770 000	25 429 000	27 448 896	28 103 868	26 929 000	-6.40	-4.18
Nat.Gas (Mio m3)		62	50	43	42	38	-38.71	-9.52
Oil	(t)	42 504	36 000	27 346	33 900	27 750	-34.71	-18.14

Burkina Faso

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	1 958	2 000	1 422	1 012	1 450	-25.94	43.28
Phosphate	(t)	260	300	250	250	200	-23.08	-20.00

Burundi

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	33	33	35	35	33	0.00	-5.71
Kaolin	(t)	5 000	5 000	4 000	4 000	3 500	-30.00	-12.50

Cambodia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Phosphate	(t)	1 500	1 500	1 200	1 000	1 000	-33.33	0.00
Salt	(t)	40 000	40 000	38 000	35 000	32 000	-20.00	-8.57

Cameroon

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Aluminium	(t)	86 500	78 000	79 300	82 300	90 900	5.09	10.45
Oil	(t)	6 343 000	5 998 228	4 329 156	4 300 000	4 100 000	-35.36	-4.65

Canada

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	19 349 200	22 329 660	22 343 080	21 965 400	22 744 000	17.54	3.54
Cobalt	(t)	2 370	2 692	2 016	2 190	2 200	-7.17	0.46
Molybdenum	(t)	10 006	9 541	9 113	8 169	7 540	-24.65	-7.70
Nickel	(t)	180 763	105 144	119 600	127 439	180 600	-0.09	41.71
Tantalum-Col.	(t)	5 800	5 700	5 700	5 000	4 500	-22.41	-10.00
Titanium	(t)	900 000	752 400	750 000	700 000	650 000	-27.78	-7.14
Aluminium	(t)	2 300 000	2 254 683	2 171 992	2 283 000	2 327 200	1.18	1.94
Antimony	(t)	622	643	574	1 405	652	4.82	-53.59
Bismuth	(t)	157	152	159	157	185	17.83	17.83
Cadmium	(t)	1 242	2 173	1 686	2 537	3 083	148.23	21.52
Copper	(t)	698 799	549 869	700 843	559 902	646 500	-7.48	15.47
Lead	(t)	232 000	251 640	281 391	310 162	170 400	-26.55	-45.06
Lithium	(t)	450	450	400	660	690	53.33	4.55
Tellurium	(t)	31	30	91	62	60	93.55	-3.23
Zinc	(t)	998 234	690 965	720 346	717 675	1 017 100	1.89	41.72
Gold	(kg)	152 578	145 980	150 867	164 136	169 050	10.80	2.99
Platinum	(kg)	13 116	14 313	10 068	14 983	13 009	-0.82	-13.17
Silver	(kg)	869 000	774 506	1 228 000	1 305 000	1 213 000	39.59	-7.05
Asbestos	(t)	509 000	518 000	516 000	483 000	447 000	-12.18	-7.45
Baryte	(t)	37 000	61 000	61 000	57 000	98 000	164.86	71.93
Diatomite	(t)	5 000	5 000	5 000	4 500	4 000	-20.00	-11.11
Graphite	(t)	22 257	23 000	20 000	20 000	22 000	-1.15	10.00
Gypsum	(t)	7 836 000	8 499 000	8 055 000	8 468 000	8 502 600	8.51	0.41
Magnesite	(t)	200 000	300 000	200 000	200 000	150 000	-25.00	-25.00
Potash	(t)	6 970 000	8 037 000	8 855 000	8 050 000	9 301 000	33.44	15.54
Salt	(t)	11 371 000	11 497 000	10 957 000	12 126 000	13 264 300	16.65	9.39
Sulfur	(t)	8 110 000	8 154 000	9 014 000	8 131 000	8 502 600	4.84	4.57
Talc	(t)	108 000	130 000	75 000	75 000	70 000	-35.19	-6.67
Hard-Coal	(t)	58 969 000	62 123 648	63 123 648	66 000 000	68 470 000	16.11	3.74
Lignite	(t)	10 046 000	10 684 628	10 968 897	10 000 000	10 000 000	-0.46	0.00
Nat.Gas (Mio m3)		138 800	143 000	148 203	152 985	156 842	13.00	2.52
Oil	(t)	102 600 000	104 600 000	114 372 000	116 832 000	122 463 700	19.36	4.82
Uranium	(t)	10 631	9 719	10 238	11 723	11 416	7.38	-2.62

Remarks:

Lead: including secondary lead

Cape Verde

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Salt	(t)	1 200	1 200	1 100	1 000	1 000	-16.67	0.00

Central African Rep.

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	180	100	100	120	190	5.56	58.33
Diam. (Gem)	(c)	420 750	382 500	450 500	467 500	425 000	1.01	-9.09
Diam. (Ind)	(c)	74 250	67 500	79 500	82 500	75 000	1.01	-9.09

Chile

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	4 350 405	5 272 758	5 142 300	5 539 471	5 330 180	22.52	-3.78
Manganese	(t)	18 565	19 026	20 188	18 866	19 102	2.89	1.25
Molybdenum	(t)	15 393	15 949	17 885	17 414	21 339	38.63	22.54
Arsenic	(t)	6 242	6 000	6 000	6 500	9 000	44.18	38.46
Copper	(t)	2 033 325	2 219 900	2 504 000	3 144 200	3 438 000	69.08	9.34
Lead	(t)	347	500	944	1 374	1 264	264.27	-8.01
Lithium	(t)	4 358	4 220	4 220	5 733	9 803	124.94	70.99
Zinc	(t)	29 716	32 000	35 403	36 004	33 343	12.21	-7.39
Gold	(kg)	33 502	38 626	44 585	53 174	49 459	47.63	-6.99
Silver	(kg)	967 551	982 750	1 041 097	1 147 000	1 191 311	23.13	3.86
Baryte	(t)	1 832	3 661	3 080	2 559	2 654	44.87	3.71
Bentonite	(t)	925	900	684	1 191	717	-22.49	-39.80
Boron	(t)	90 396	79 083	80 000	90 000	170 605	88.73	89.56
Diatomite	(t)	5 252	10 129	11 451	11 592	11 825	125.15	2.01
Feldspar	(t)	4 757	9 667	7 293	3 702	3 808	-19.95	2.86
Gypsum	(t)	422 372	551 821	464 060	520 089	398 354	-5.69	-23.41
Kaolin	(t)	66 939	73 081	10 845	13 452	14 238	-78.73	5.84
Phosphate	(t)	3 580	2 508	2 500	2 000	1 800	-49.72	-10.00
Potash	(t)	55 000	55 000	65 000	179 000	235 000	327.27	31.28
Salt	(t)	1 443 250	3 177 898	3 000 000	3 200 000	5 488 135	280.26	71.50
Sulfur	(t)	824	1 000	2 488	0	0	-100.00	.
Talc	(t)	4 569	5 375	4 107	4 276	3 986	-12.76	-6.78
Hard-Coal	(t)	1 793 000	1 670 000	1 484 870	1 444 100	1 413 000	-21.19	-2.15
Nat.Gas (Mio m3)		4 000	4 240	3 783	3 632	3 211	-19.73	-11.59
Oil	(t)	825 082	714 088	605 100	532 700	489 043	-40.73	-8.20

Remarks:

As₂O₃ = exports

China

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	75 091 200	74 880 000	79 680 000	80 000 000	79 680 000	6.11	-0.40
Chromium	(t)	70 000	32 000	80 000	80 000	75 000	7.14	-6.25
Cobalt	(t)	300	300	250	400	450	50.00	12.50
Manganese	(t)	568 000	952 000	1 180 000	1 000 000	1 200 000	111.27	20.00
Molybdenum	(t)	12 000	18 667	17 500	18 000	25 000	108.33	38.89
Nickel	(t)	31 000	31 200	36 000	43 000	39 900	28.71	-7.21
Titanium	(t)	110 000	78 000	80 000	80 000	100 000	-9.09	25.00
Tungsten	(t)	20 000	16 000	20 000	26 000	24 000	20.00	-7.69
Vanadium	(t)	5 000	8 500	5 000	5 500	7 000	40.00	27.27
Aluminium	(t)	1 220 400	1 446 000	1 870 000	1 780 000	2 050 000	67.98	15.17
Antimony	(t)	60 000	91 000	91 000	99 000	101 000	68.33	2.02
Arsenic	(t)	13 000	13 000	13 000	13 000	15 000	15.38	15.38
Bauxite	(t)	3 500 000	3 700 000	4 500 000	5 500 000	8 000 000	128.57	45.45
Bismuth	(t)	240	200	400	500	600	150.00	20.00
Cadmium	(t)	1 580	1 460	1 296	1 200	1 300	-17.72	8.33
Copper	(t)	370 000	345 700	350 000	400 000	435 000	17.57	8.75
Gallium	(t)	8	8	2	2	5	-37.50	150.00
Germanium	(t)	7	6	8	8	9	28.57	12.50
Lead	(t)	357 000	352 000	396 000	410 000	488 900	36.95	19.24
Lithium	(t)	1 000	1 000	900	800	750	-25.00	-6.25
Mercury	(t)	467	510	547	500	341	-26.98	-31.80
Rare Earths	(t)	29 200	29 000	30 000	55 000	50 000	71.23	-9.09
Tin	(t)	46 000	54 100	54 000	50 000	55 400	20.43	10.80
Zinc	(t)	775 000	755 000	1 077 000	1 119 000	900 000	16.13	-19.57
Gold	(kg)	127 000	130 000	160 000	145 000	156 800	23.46	8.14
Silver	(kg)	840 600	815 000	918 000	918 000	918 000	9.21	0.00
Asbestos	(t)	230 000	240 000	263 000	293 000	250 000	8.70	-14.68
Baryte	(t)	1 900 000	1 800 000	1 500 000	2 500 000	3 500 000	84.21	40.00
Boron	(t)	30 000	30 000	40 000	40 000	60 000	100.00	50.00
Diam. (Gem)	(c)	22 000	47 800	50 000	18 000	35 800	62.73	98.89
Diam. (Ind)	(c)	88 000	191 200	200 000	72 000	143 200	62.73	98.89
Fluorspar	(t)	2 100 000	2 400 000	2 000 000	2 000 000	2 400 000	14.29	20.00
Graphite	(t)	550 000	500 000	320 000	350 000	250 000	-54.55	-28.57
Gypsum	(t)	11 100 000	11 000 000	7 340 000	7 500 000	7 300 000	-34.23	-2.67
Kaolin	(t)	650 000	700 000	900 000	950 000	970 000	49.23	2.11
Magnesite	(t)	2 000 000	1 500 000	1 000 000	2 200 000	2 400 000	20.00	9.09
Phosphate	(t)	21 158 700	25 617 000	26 800 000	21 000 000	22 000 000	3.98	4.76
Potash	(t)	60 000	60 000	90 000	80 000	100 000	66.67	25.00
Salt	(t)	29 530 000	32 000 000	24 900 000	28 990 000	29 280 600	-0.84	1.00
Sulfur	(t)	6 000 000	5 400 000	5 400 000	5 470 000	6 000 000	0.00	9.69
Talc	(t)	2 550 000	2 700 000	2 400 000	2 500 000	2 350 000	-7.84	-6.00
Zircon	(t)	15 500	10 000	15 000	15 000	15 000	-3.23	0.00
Hard-Coal	(t)	1 268 000 000	1 150 400 000	1 360 000 000	1 400 000 000	1 360 000 000	7.26	-2.86
Lignite	(t)	50 000 000	41 730 000	44 600 000	45 000 000	30 000 000	-40.00	-33.33
Nat. Gas (Mio m3)		15 800	16 600	18 000	19 000	24 000	51.90	26.32
Oil	(t)	144 000 000	146 000 000	149 000 000	156 000 000	162 000 000	12.50	3.85
Uranium	(t)	780	780	780	500	500	-35.90	0.00

Christmas Island

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Phosphate	(t)	84 500	90 000	100 000	163 200	164 000	94.08	0.49

Colombia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	326 865	365 800	350 000	382 632	442 474	35.37	15.64
Manganese	(t)	160	160	150	140	130	-18.75	-7.14
Nickel	(t)	20 168	20 840	24 567	21 092	24 774	22.84	17.46
Bauxite	(t)	1 800	1 800	2 000	2 000	1 500	-16.67	-25.00
Copper	(t)	4 000	3 568	3 500	3 000	2 520	-37.00	-16.00
Lead	(t)	310	188	200	100	100	-67.74	0.00
Gold	(kg)	27 469	20 760	22 436	22 064	19 111	-30.43	-13.38
Platinum	(kg)	1 724	1 084	1 025	669	413	-76.04	-38.27
Silver	(kg)	7 328	5 898	5 348	5 691	3 566	-51.34	-37.34
Asbestos	(t)	15 000	12 880	12 000	11 000	13 670	-8.87	24.27
Baryte	(t)	4 840	7 000	6 000	6 800	1 000	-79.34	-85.29
Bentonite	(t)	3 300	3 300	3 000	2 500	8 640	161.82	245.60
Feldspar	(t)	60 458	76 188	58 100	78 093	66 845	10.56	-14.40
Fluorspar	(t)	1 800	800	800	700	1 000	-44.44	42.86
Gypsum	(t)	439 467	450 000	450 000	522 236	565 000	28.56	8.19
Kaolin	(t)	419 500	1 340 000	1 000 000	900 000	800 000	90.70	-11.11
Magnesite	(t)	9 816	10 747	10 000	9 000	8 500	-13.41	-5.56
Phosphate	(t)	8 990	9 621	9 000	14 200	13 000	44.61	-8.45
Salt	(t)	200 055	210 000	200 000	320 000	373 000	86.45	16.56
Sulfur	(t)	51 396	53 357	60 000	49 400	53 541	4.17	8.38
Talc	(t)	19 550	18 000	18 000	14 800	15 000	-23.27	1.35
Hard-Coal	(t)	21 713 000	22 527 000	26 020 000	30 065 000	32 592 000	50.10	8.41
Nat.Gas (Mio m3)		5 375	4 500	4 500	4 800	5 800	7.91	20.83
Oil	(t)	23 691 763	23 735 118	31 587 188	32 596 919	34 700 000	46.46	6.45

Congo

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Oil	(t)	9 410 000	9 500 000	8 971 262	10 536 017	11 000 000	16.90	4.40

Costa Rica

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	280	280	500	400	487	73.93	21.75
Diatomite	(t)	12 000	12 000	11 500	11 500	11 000	-8.33	-4.35
Salt	(t)	30 000	25 000	25 000	25 000	20 000	-33.33	-20.00

Cote d'Ivoire

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	1 907	1 800	1 940	1 883	1 419	-25.59	-24.64
Diam. (Gem)	(c)	13 600	12 000	12 000	11 200	16 000	17.65	42.86
Diam. (Ind)	(c)	3 400	3 000	3 000	2 800	4 000	17.65	42.86

Croatia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Bauxite	(t)	8 000	7 200	11 700	7 000	8 000	0.00	14.29
Bentonite	(t)	8 376	8 200	10 300	8 400	4 600	-45.08	-45.24
Gypsum	(t)	80 200	81 000	110 000	87 000	80 000	-0.25	-8.05
Salt	(t)	31 000	29 300	22 800	17 500	16 600	-46.45	-5.14
Hard-Coal	(t)	104 617	96 000	75 000	64 000	48 500	-53.64	-24.22
Lignite	(t)	10 000	7 000	7 000	2 000	0	-100.00	-100.00
Nat.Gas (Mio m3)		2 049	1 800	1 966	1 957	1 717	-16.20	-12.26
Oil	(t)	1 727 000	1 800 000	1 500 271	1 600 000	1 496 000	-13.38	-6.50

Cuba

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Chromium	(t)	16 000	14 850	10 131	12 309	14 553	-9.04	18.23
Cobalt	(t)	1 200	1 500	2 045	1 600	1 950	62.50	21.88
Nickel	(t)	29 157	26 700	42 696	53 700	61 500	110.93	14.53
Copper	(t)	1 500	2 000	1 852	2 227	2 212	47.47	-0.67
Feldspar	(t)	9 600	3 400	9 300	12 100	14 700	53.13	21.49
Kaolin	(t)	4 800	4 200	5 200	5 500	11 500	139.58	109.09
Salt	(t)	136 300	159 400	154 500	159 800	166 300	22.01	4.07
Sulfur	(t)	100	100	0	0	0	-100.00	.
Nat.Gas (Mio m3)		23	20	17	19	37	60.87	94.74
Oil	(t)	1 131 000	1 200 000	1 470 800	1 475 900	1 461 500	29.22	-0.98

Cyprus

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Copper	(t)	121	0	0	1 688	3 950	3164.46	134.00
Bentonite	(t)	51 689	46 530	51 234	66 200	98 700	90.95	49.09
Gypsum	(t)	39 726	89 460	148 275	94 000	236 200	494.57	151.28

Remarks:

Bentonite and gypsum : exports

Czech Republic

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Copper	(t)	200	0	0	0	0	-100.00	.
Lead	(t)	100	0	0	0	0	-100.00	.
Zinc	(t)	1 500	100	0	0	0	-100.00	.
Gold	(kg)	512	75	0	0	0	-100.00	.
Silver	(kg)	500	100	0	0	0	-100.00	.
Bentonite	(t)	63 000	65 000	54 000	59 000	83 000	31.75	40.68
Diatomite	(t)	39 000	40 000	29 000	35 000	39 000	0.00	11.43
Feldspar	(t)	203 000	170 000	183 000	211 000	220 400	8.57	4.45
Fluorspar	(t)	22 100	10 000	0	0	0	-100.00	.
Graphite	(t)	27 000	25 000	27 000	30 000	26 200	-2.96	-12.67
Gypsum	(t)	560 000	591 000	542 000	443 000	233 000	-58.39	-47.40
Kaolin	(t)	702 000	652 000	546 000	545 610	773 495	10.18	41.77
Hard-Coal	(t)	23 862 000	20 910 000	21 309 000	16 394 000	16 038 000	-32.79	-2.17
Lignite	(t)	68 154 000	60 728 000	58 773 000	56 366 000	53 825 000	-21.02	-4.51
Nat.Gas (Mio m3)		106	154	165	251	229	116.04	-8.76
Oil	(t)	107 000	131 000	149 000	152 800	159 000	48.60	4.06
Uranium	(t)	1 200	633	721	716	140	-88.33	-80.45

DPR Korea

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	4 500 000	4 500 000	4 000 000	3 800 000	3 700 000	-17.78	-2.63
Tungsten	(t)	800	800	600	500	450	-43.75	-10.00
Cadmium	(t)	200	200	200	150	204	2.00	36.00
Copper	(t)	12 000	12 000	12 000	10 000	12 000	0.00	20.00
Lead	(t)	65 000	55 000	55 000	40 000	40 000	-38.46	0.00
Rare Earths	(t)	1 500	1 500	1 000	900	800	-46.67	-11.11
Zinc	(t)	115 000	90 000	90 000	80 000	8 000	-93.04	-90.00
Gold	(kg)	4 500	4 500	4 000	4 000	3 800	-15.56	-5.00
Silver	(kg)	250 000	200 000	200 000	180 000	200 400	-19.84	11.33

Baryte	(t)	30 000	30 000	30 000	50 000	60 000	100.00	20.00
Fluorspar	(t)	40 000	40 000	40 000	35 000	33 000	-17.50	-5.71
Graphite	(t)	35 000	35 000	30 000	30 000	30 000	-14.29	0.00
Magnesite	(t)	1 600 000	1 600 000	1 500 000	1 600 000	1 700 000	6.25	6.25
Phosphate	(t)	130 000	130 000	130 000	200 000	220 000	69.23	10.00
Salt	(t)	560 000	560 000	500 000	480 000	460 000	-17.86	-4.17
Sulfur	(t)	160 000	160 000	150 000	140 000	130 000	-18.75	-7.14
Talc	(t)	120 000	120 000	100 000	110 000	120 000	0.00	9.09
Hard-Coal	(t)	41 000 000	41 000 000	40 000 000	43 300 000	70 000 000	70.73	61.66
Lignite	(t)	14 000 000	14 000 000	10 000 000	13 000 000	21 000 000	50.00	61.54

Remarks:

Cadmium = estimated smelter production.

Denmark

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Salt	(t)	588 285	625 076	579 324	590 000	540 000	-8.21	-8.47
Nat.Gas (Mio m3)		4 000	4 300	6 321	5 710	7 000	75.00	22.59
Oil	(t)	8 743 240	10 730 000	10 788 432	10 290 000	13 400 000	53.26	30.22

Dominican Republic

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Nickel	(t)	13 444	30 562	30 890	30 387	32 500	141.74	6.95
Gold	(kg)	354	1 599	3 340	3 717	2 390	575.14	-35.70
Silver	(kg)	1 664	9 290	21 402	17 292	12 400	645.19	-28.29
Gypsum	(t)	91 283	93 314	95 168	86 848	86 000	-5.79	-0.98
Salt	(t)	12 000	10 000	10 000	10 000	9 000	-25.00	-10.00

Remarks:

Nickel refers to Ni content in FeNi!

Dubai (UAE)

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Aluminium	(t)	231 801	230 000	247 000	135 000	250 000	7.85	85.19
Nat.Gas (Mio m3)		4 134	4 100	3 000	2 500	2 500	-39.53	0.00
Oil	(t)	19 600 000	19 600 000	16 169 135	18 383 800	18 350 000	-6.38	-0.18

Ecuador

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	933	1 182	7 410	7 208	3 068	228.83	-57.44
Baryte	(t)	2 600	2 600	2 500	2 000	1 800	-30.77	-10.00
Bentonite	(t)	0	1 118	511	432	205	.	-52.55
Feldspar	(t)	2 015	5 692	10 297	10 321	60 328	2893.95	484.52
Gypsum	(t)	0	0	2 430	2 038	1 510	.	-25.91
Kaolin	(t)	507	6 622	45 054	86 542	7 346	1348.92	-91.51
Sulfur	(t)	14 000	14 000	13 500	13 000	12 500	-10.71	-3.85
Nat.Gas (Mio m3)		2 900	3 000	3 000	3 200	3 500	20.69	9.38
Oil	(t)	17 927 861	19 000 000	20 081 023	20 100 000	19 300 000	7.65	-3.98

Egypt

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	985 423	1 741 050	1 094 944	1 000 000	1 233 000	25.12	23.30
Manganese	(t)	0	0	1 207	1 300	1 500	.	15.38
Titanium	(t)	2 016	2 000	9 329	9 400	9 300	361.31	-1.06
Aluminium	(t)	180 000	188 464	180 300	179 200	178 200	-1.00	-0.56
Asbestos	(t)	604	514	391	427	1 836	203.97	329.98
Baryte	(t)	2 535	419	535	550	0	-100.00	-100.00
Bentonite	(t)	14 994	2 379	4 423	4 500	1 136	-92.42	-74.76
Feldspar	(t)	53 649	39 745	36 342	75 049	53 783	0.25	-28.34
Fluorspar	(t)	853	514	321	300	280	-67.17	-6.67
Gypsum	(t)	1 199 068	1 200 000	2 031 836	2 500 000	2 030 000	69.30	-18.80
Kaolin	(t)	184 004	180 000	233 097	293 381	258 725	40.61	-11.81
Phosphate	(t)	302 209	300 000	266 144	250 000	364 650	20.66	45.86
Salt	(t)	986 000	1 007 495	1 849 145	2 000 000	1 530 000	55.17	-23.50
Sulfur	(t)	8 000	8 000	7 000	7 000	6 500	-18.75	-7.14
Talc	(t)	5 297	4 125	3 700	3 500	3 200	-39.59	-8.57
Vermiculite	(t)	840	1 659	772	483	447	-46.79	-7.45
Hard-Coal	(t)	3 000	3 000	1 207	1 000	1 200	-60.00	20.00
Nat.Gas (Mio m3)		10 000	12 000	12 500	12 800	14 000	40.00	9.38
Oil	(t)	46 485 880	44 800 000	47 672 869	46 900 000	46 400 000	-0.18	-1.07

El Salvador

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	5 000	0	0	0	0	-100.00	.
Salt	(t)	22 000	22 000	21 500	21 500	21 000	-4.55	-2.33

Remarks:
Marine salt only

Equatorial Guinea

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Oil	(t)	208 000	210 000	210 000	208 000	205 000	-1.44	-1.44

Eritrea

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	12	78	59	60	44	266.67	-26.67
Feldspar	(t)	0	5 150	0	0	0	.	.
Gypsum	(t)	37	15	20	25	29	-21.62	16.00
Kaolin	(t)	1 360	5 230	1 328	1 000	1 946	43.09	94.60
Salt	(t)	172 236	207 835	254 700	300 000	252 076	46.36	-15.97
Talc	(t)	0	1	0	0	0	.	.

Remarks:

Gold artisanal production

Estonia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Oil-Shale	(t)	18 532 800	14 500 000	13 500 000	14 000 000	14 382 723	-22.39	2.73

Ethiopia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Tantalum-Col.	(t)	26	35	35	53	60	130.77	13.21
Gold	(kg)	2 524	2 295	3 160	1 000	1 000	-60.38	0.00
Diatomite	(t)	1 775	1 700	1 500	1 300	1 000	-43.66	-23.08
Gypsum	(t)	41 780	39 539	40 000	40 000	35 000	-16.23	-12.50
Kaolin	(t)	0	0	701	1 438	3 512	.	144.23
Salt	(t)	150 000	155 075	150 000	150 000	100 000	-33.33	-33.33

Remarks:

Fiscal year July to June next

Fiji

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	3 783	4 111	3 511	4 554	4 671	23.47	2.57
Silver	(kg)	1 112	1 406	2 095	2 003	2 653	138.58	32.45

Finland

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Chromium	(t)	255 459	286 374	298 837	291 087	350 648	37.26	20.46
Cobalt	(t)	155	0	0	0	0	-100.00	.
Nickel	(t)	14 777	15 900	3 548	3 078	3 043	-79.41	-1.14
Cadmium	(t)	785	580	535	648	490	-37.58	-24.38
Copper	(t)	15 303	12 408	9 065	9 055	8 259	-46.03	-8.79
Mercury	(t)	98	89	90	88	63	-35.71	-28.41
Zinc	(t)	23 755	16 916	18 454	28 264	34 287	44.34	21.31
Gold	(kg)	680	1 280	1 301	1 673	4 775	602.21	185.42
Silver	(kg)	15 896	26 000	10 509	34 794	32 200	102.57	-7.46
Feldspar	(t)	51 477	41 389	42 100	42 100	40 000	-22.30	-4.99
Phosphate	(t)	627 570	647 250	671 242	667 196	689 053	9.80	3.28
Sulfur	(t)	345 266	366 621	422 212	440 037	374 736	8.54	-14.84
Talc	(t)	399 316	453 031	453 031	418 592	437 066	9.45	4.41

France

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	1 020 000	706 000	432 000	422 000	145 300	-85.75	-65.57
Aluminium	(t)	431 913	438 000	372 200	386 000	399 300	-7.55	3.45
Bauxite	(t)	0	0	75 000	81 000	80 000	.	-1.23
Cadmium	(t)	585	500	670	650	975	66.67	50.00
Copper	(t)	70	174	172	170	196	180.00	15.29
Zinc	(t)	13 800	0	0	0	0	-100.00	.
Gold	(kg)	2 155	4 010	4 615	4 590	4 350	101.86	-5.23
Silver	(kg)	10 100	644	1 167	1 550	1 770	-82.48	14.19
Baryte	(t)	67 200	72 100	75 450	81 200	77 000	14.58	-5.17
Bentonite	(t)	7 000	3 000	0	0	0	-100.00	.
Diatomite	(t)	85 000	90 000	80 000	80 000	80 000	-5.88	0.00
Feldspar	(t)	274 000	385 000	632 000	546 000	621 000	126.64	13.74
Fluorspar	(t)	185 000	130 300	130 000	110 800	106 600	-42.38	-3.79
Gypsum	(t)	5 000 000	5 000 000	4 800 000	4 550 000	4 500 000	-10.00	-1.10
Kaolin	(t)	295 000	387 000	345 000	326 000	332 000	12.54	1.84
Potash	(t)	959 000	936 000	896 000	812 000	780 000	-18.67	-3.94
Salt	(t)	7 277 000	6 200 000	7 540 000	7 074 000	8 112 000	11.47	14.67
Sulfur	(t)	1 105 000	1 111 200	1 065 000	989 700	960 000	-13.12	-3.00
Talc	(t)	282 000	278 000	322 000	322 300	330 000	17.02	2.39

Hard-Coal	(t)	8 676 000	8 004 000	8 210 000	7 312 000	6 120 000	-29.46	-16.30
Lignite	(t)	1 670 000	1 500 000	1 400 000	798 000	690 000	-58.68	-13.53
Nat.Gas (Mio m3)		3 500	3 500	3 300	2 800	2 700	-22.86	-3.57
Oil	(t)	2 750 000	3 132 000	2 830 000	2 107 000	1 780 000	-35.27	-15.52
Oil-Shale	(t)	53 000	50 000	32 300	28 500	22 000	-58.49	-22.81
Uranium	(t)	1 815	1 272	857	841	579	-68.10	-31.15

Remarks:

1993 :Cd, metal; fluorspar = CaF₂; S, recovered.

1995 : Bauxit recoverd from old mines

1997 : Last iron ore mine has been closed; Bauxit: recoverd from old mines

French Guiana

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	2 805	2 300	2 480	2 850	3 000	6.95	5.26

Gabon

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Manganese	(t)	730 000	832 000	1 014 000	1 031 116	988 000	35.34	-4.18
Gold	(kg)	120	120	100	100	90	-25.00	-10.00
Nat.Gas (Mio m3)		85	76	76	80	85	0.00	6.25
Oil	(t)	15 000 000	17 473 098	18 777 060	18 600 000	18 600 000	24.00	0.00
Uranium	(t)	649	509	640	565	472	-27.27	-16.46

Georgia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Manganese	(t)	300 000	250 000	200 000	97 000	35 112	-88.30	-63.80
Copper	(t)	2 000	1 500	1 200	2 000	4 000	100.00	100.00
Lead	(t)	1 000	800	600	500	400	-60.00	-20.00
Zinc	(t)	2 000	2 000	1 800	2 000	2 400	20.00	20.00
Gold	(kg)	1 000	1 000	1 000	800	700	-30.00	-12.50
Bentonite	(t)	100 000	0	0	0	0	-100.00	.
Diatomite	(t)	50 000	0	0	0	0	-100.00	.
Hard-Coal	(t)	150 000	50 000	50 000	50 000	50 000	-66.67	0.00
Nat.Gas (Mio m3)		19	15	10	6	6	-68.42	0.00
Oil	(t)	94 286	90 000	85 000	128 000	143 000	51.67	11.72

Germany, Federal Rep.

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	20 400	20 400	9 600	14 600	32 046	57.09	119.49
Aluminium	(t)	551 931	504 000	575 000	576 492	571 940	3.63	-0.79
Bauxite	(t)	328	0	0	0	0	-100.00	.
Baryte	(t)	131 163	127 383	122 268	121 476	118 698	-9.50	-2.29
Bentonite	(t)	473 102	498 849	529 446	491 346	511 190	8.05	4.04
Diatomite	(t)	7 412	0	0	0	0	-100.00	.
Feldspar	(t)	303 154	302 627	329 624	359 666	425 529	40.37	18.31
Fluorspar	(t)	39 997	35 641	39 081	32 448	23 868	-40.33	-26.44
Graphite	(t)	887	874	1 034	2 603	1 030	16.12	-60.43
Gypsum	(t)	2 102 844	2 264 366	2 828 710	2 585 383	2 482 720	18.06	-3.97
Kaolin	(t)	981 010	1 629 158	1 924 769	1 794 352	1 794 501	82.92	0.01
Potash	(t)	2 861 000	3 286 600	3 278 363	3 331 790	3 420 601	19.56	2.67
Salt	(t)	12 242 700	12 557 090	14 607 210	15 943 040	15 656 728	27.89	-1.80
Sulfur	(t)	922 977	820 476	1 003 468	1 000 689	1 085 306	17.59	8.46
Talc	(t)	10 650	11 538	14 170	10 005	8 819	-17.19	-11.85
Hard-Coal	(t)	58 282 312	52 407 700	53 563 599	48 196 510	46 789 987	-19.72	-2.92
Lignite	(t)	221 831 510	207 095 800	192 753 226	187 179 239	177 159 767	-20.14	-5.35
Nat.Gas (Mio m3)		20 330	20 442	21 452	23 059	21 122	3.90	-8.40
Oil	(t)	3 052 038	2 946 290	2 958 794	2 848 341	2 820 078	-7.60	-0.99
Oil-Shale	(t)	360 237	338 740	347 681	293 758	354 262	-1.66	20.60
Uranium	(t)	116	47	35	39	23	-80.17	-41.03

Remarks:

Gypsum and anhydrite: incomplete figures; some producers withheld data

Ghana

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Manganese	(t)	123 650	95 372	74 760	106 576	132 977	7.54	24.77
Aluminium	(t)	174 100	140 700	135 400	137 000	151 600	-12.92	10.66
Bauxite	(t)	364 642	451 802	513 000	473 000	519 000	42.33	9.73
Gold	(kg)	38 224	44 501	53 881	50 079	54 446	42.44	8.72
Silver	(kg)	1 200	1 200	1 000	1 000	900	-25.00	-10.00
Diam. (Gem)	(c)	106 350	118 200	126 267	147 425	165 905	56.00	12.54
Diam. (Ind)	(c)	484 471	472 800	505 070	589 701	663 619	36.98	12.53
Salt	(t)	50 000	50 000	45 000	40 000	35 000	-30.00	-12.50

Greece

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Chromium	(t)	3 697	1 960	2 000	11 729	5 050	36.60	-56.94
Manganese	(t)	2 082	1 768	2 035	2 572	1 800	-13.54	-30.02
Nickel	(t)	12 275	16 182	17 155	17 801	17 609	43.45	-1.08
Aluminium	(t)	146 800	144 300	131 000	141 295	141 500	-3.61	0.15
Bauxite	(t)	2 205 498	2 196 371	2 200 215	2 451 734	1 676 979	-23.96	-31.60
Lead	(t)	28 812	28 404	21 629	9 704	16 420	-43.01	69.21
Zinc	(t)	24 854	17 000	19 534	9 010	15 330	-38.32	70.14
Gold	(kg)	0	0	0	0	13	.	.
Silver	(kg)	59 000	44 900	45 000	16 100	35 900	-39.15	122.98
Asbestos	(t)	56 948	55 502	75 003	80 213	63 294	11.14	-21.09
Baryte	(t)	988	701	668	671	742	-24.90	10.58
Bentonite	(t)	677 578	697 773	765 000	973 517	942 555	39.11	-3.18
Feldspar	(t)	22 210	35 000	27 000	48 620	55 700	150.79	14.56
Gypsum	(t)	445 600	453 722	485 353	546 344	662 646	48.71	21.29
Kaolin	(t)	89 473	117 254	66 582	60 453	56 459	-36.90	-6.61
Magnesite	(t)	479 999	575 472	520 000	662 346	623 030	29.80	-5.94
Perlite	(t)	548 574	468 699	565 479	598 640	695 917	26.86	16.25
Salt	(t)	175 159	192 000	140 000	138 239	173 889	-0.73	25.79
Sulfur	(t)	83 129	56 000	50 020	26 445	15 440	-81.43	-41.61
Talc	(t)	1 050	400	150	180	0	-100.00	-100.00
Lignite	(t)	54 817 062	57 532 515	56 553 231	59 737 680	58 939 419	7.52	-1.34
Nat.Gas (Mio m3)		81	0	0	38	38	-53.09	0.00
Oil	(t)	571 430	557 310	469 397	534 222	436 000	-23.70	-18.39

Remarks:

S from pyrite; Ni content of ore.

Greenland

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
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Remarks:

There was no active mining operation during the past.

Guatemala

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	2 486	2 400	1 680	4 888	5 000	101.13	2.29
Antimony	(t)	600	230	640	1 088	880	46.67	-19.12
Gold	(kg)	65	65	0	0	0	-100.00	.

Baryte	(t)	4 742	0	570	2 776	3 000	-36.74	8.07
Bentonite	(t)	4 198	4 410	5 839	3 755	3 500	-16.63	-6.79
Feldspar	(t)	5 123	0	5 544	11 060	12 000	134.24	8.50
Gypsum	(t)	77 035	89 000	70 000	27 761	27 500	-64.30	-0.94
Kaolin	(t)	517	500	76	109	110	-78.72	0.92
Salt	(t)	90 000	80 000	80 000	80 000	75 000	-16.67	-6.25
Talc	(t)	50	0	807	694	650	1200.00	-6.34
Nat.Gas (Mio m3)		8	8	7	6	6	-25.00	0.00
Oil	(t)	624 682	700 000	487 948	761 039	800 000	28.07	5.12

Guinea

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Bauxite	(t)	16 935 585	16 500 000	13 764 194	13 800 000	19 250 000	13.67	39.49
Gold	(kg)	3 864	5 617	6 910	7 000	7 300	88.92	4.29
Diam. (Gem)	(c)	350 287	286 097	269 643	270 000	427 500	22.04	58.33
Diam. (Ind)	(c)	116 762	95 366	89 881	90 000	142 500	22.04	58.33

Guyana

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Bauxite	(t)	2 126 000	2 089 000	1 878 000	2 254 000	2 561 000	20.46	13.62
Gold	(kg)	9 614	11 991	9 111	10 807	14 597	51.83	35.07
Diam. (Gem)	(c)	20 000	10 536	15 604	14 700	10 684	-46.58	-27.32
Diam. (Ind)	(c)	30 004	24 584	36 410	34 300	24 928	-16.92	-27.32

Honduras

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Cadmium	(t)	113	46	45	45	40	-64.60	-11.11
Copper	(t)	900	1 000	1 000	1 000	900	0.00	-10.00
Lead	(t)	3 800	2 810	2 500	4 700	5 900	55.26	25.53
Zinc	(t)	24 300	16 700	27 100	28 000	26 000	7.00	-7.14
Gold	(kg)	110	150	150	150	120	9.09	-20.00
Silver	(kg)	24 200	25 000	30 200	31 000	40 400	66.94	30.32
Gypsum	(t)	25 000	25 500	25 500	30 000	25 000	0.00	-16.67
Salt	(t)	30 000	25 000	25 000	30 000	28 000	-6.67	-6.67

Hungary

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Manganese	(t)	12 000	9 488	9 132	8 437	12 900	7.50	52.90
Aluminium	(t)	22 580	29 400	32 000	32 000	33 671	49.12	5.22
Bauxite	(t)	1 561 200	835 700	521 400	504 000	380 900	-75.60	-24.42
Gallium	(t)	7	6	4	5	5	-28.57	0.00
Bentonite	(t)	18 000	17 900	18 000	15 376	14 848	-17.51	-3.43
Feldspar	(t)	33 000	43 600	44 000	44 000	45 000	36.36	2.27
Gypsum	(t)	125 000	151 000	151 000	185 000	192 000	53.60	3.78
Kaolin	(t)	38 000	33 200	12 000	3 000	3 000	-92.11	0.00
Perlite	(t)	93 000	104 000	104 000	104 300	151 800	63.23	45.54
Talc	(t)	2 000	1 700	1 700	1 700	1 500	-25.00	-11.76
Hard-Coal	(t)	972 000	1 011 000	855 000	963 000	925 000	-4.84	-3.95
Lignite	(t)	14 066 000	12 739 000	13 942 000	14 508 000	15 246 000	8.39	5.09
Nat.Gas (Mio m3)		5 281	5 345	5 183	4 756	4 513	-14.54	-5.11
Oil	(t)	1 711 190	1 651 000	1 658 600	1 477 000	1 355 400	-20.79	-8.23

Remarks:

1993 : Uranium production: 498 kg U₃O₈; Kaolin including illitic clay.

1994 : Uranium production: 500 kg U₃O₈; Kaolin including illitic clay.

1995 : Uranium production: 280 kg U₃O₈; Kaolin including illitic clay.

1996 : Uranium production: 230 kg U₃O₈; Kaolin including illitic clay.

1997 : Uranium production: 202 kg U₃O₈; Kaolin including illitic clay.

Iceland

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Aluminium	(t)	94 500	99 000	177 900	103 900	122 900	30.05	18.29
Diatomite	(t)	17 700	20 000	20 000	25 600	26 000	46.89	1.56

India

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	36 208 620	38 110 270	37 788 000	38 856 000	46 900 000	29.53	20.70
Chromium	(t)	468 518	461 701	460 000	538 182	644 000	37.45	19.66
Manganese	(t)	598 011	624 298	640 000	681 806	706 800	18.19	3.67
Titanium	(t)	150 000	170 000	150 000	160 000	155 000	3.33	-3.13
Tungsten	(t)	3	3	0	0	0	-100.00	.

Aluminium	(t)	463 934	476 521	465 000	497 540	547 400	17.99	10.02
Bauxite	(t)	5 408 042	4 704 642	5 163 000	5 930 640	5 800 000	7.25	-2.20
Cadmium	(t)	249	216	254	256	296	18.88	15.63
Copper	(t)	55 596	52 920	38 300	38 000	48 000	-13.66	26.32
Lead	(t)	37 000	32 049	24 250	30 000	28 700	-22.43	-4.33
Rare Earths	(t)	4 300	2 500	2 500	2 700	2 700	-37.21	0.00
Tin	(t)	40	18	18	31	16	-60.00	-48.39
Zinc	(t)	144 443	142 154	130 000	146 754	136 900	-5.22	-6.71
Gold	(kg)	2 075	2 373	1 940	2 710	2 500	20.48	-7.75
Silver	(kg)	56 197	45 911	39 800	27 800	48 100	-14.41	73.02
Asbestos	(t)	42 699	28 610	25 000	26 101	20 000	-53.16	-23.37
Baryte	(t)	549 208	483 791	575 000	500 000	550 000	0.14	10.00
Bentonite	(t)	235 000	321 874	300 000	280 000	260 000	10.64	-7.14
Diam. (Gem)	(c)	7 174	7 200	7 200	11 401	6 000	-16.36	-47.37
Diam. (Ind)	(c)	4 843	4 800	4 800	20 442	4 000	-17.41	-80.43
Feldspar	(t)	65 413	70 000	70 000	92 682	90 000	37.59	-2.89
Fluorspar	(t)	27 396	24 788	20 000	19 926	18 000	-34.30	-9.67
Graphite	(t)	76 204	70 000	70 000	117 527	100 000	31.23	-14.91
Gypsum	(t)	1 700 655	1 900 000	1 900 000	2 096 338	2 200 000	29.36	4.94
Kaolin	(t)	654 745	663 190	600 000	685 675	530 000	-19.05	-22.70
Magnesite	(t)	375 183	400 000	335 000	373 000	375 000	-0.05	0.54
Phosphate	(t)	296 069	279 158	351 000	351 000	245 430	-17.10	-30.08
Salt	(t)	9 800 000	9 500 000	9 500 000	9 500 000	9 300 000	-5.10	-2.11
Sulfur	(t)	15 582	19 050	15 000	14 000	13 000	-16.57	-7.14
Talc	(t)	469 289	470 000	456 000	462 152	600 000	27.85	29.83
Vermiculite	(t)	1 662	1 899	1 500	1 300	1 200	-27.80	-7.69
Zircon	(t)	15 000	20 000	20 000	18 000	21 000	40.00	16.67
Hard-Coal	(t)	244 877 000	256 728 000	263 500 000	288 208 000	295 900 000	20.84	2.67
Lignite	(t)	18 010 000	19 257 000	22 000 000	22 540 000	25 000 000	38.81	10.91
Nat. Gas (Mio m3)		13 912	14 644	16 922	18 215	20 500	47.35	12.54
Oil	(t)	26 994 000	32 203 000	37 400 000	31 480 000	37 300 000	38.18	18.49
Uranium	(t)	240	290	200	180	200	-16.67	11.11

Indonesia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	187 734	184 192	191 604	233 806	268 094	42.81	14.67
Chromium	(t)	0	0	0	0	2 156	.	.
Manganese	(t)	15 000	15 500	16 000	17 375	18 600	24.00	7.05
Nickel	(t)	39 666	46 040	50 267	68 537	56 599	42.69	-17.42
Aluminium	(t)	202 197	220 000	0	0	0	-100.00	.
Bauxite	(t)	1 320 418	1 342 400	904 458	841 976	808 749	-38.75	-3.95
Copper	(t)	309 744	372 914	530 814	619 116	644 246	107.99	4.06
Tin	(t)	28 585	30 610	45 908	51 029	53 036	85.54	3.93
Gold	(kg)	41 558	44 843	62 909	83 660	82 700	99.00	-1.15
Silver	(kg)	90 285	105 961	260 518	254 893	270 391	199.49	6.08

Bentonite	(t)	30 000	30 000	20 000	15 549	8 308	-72.31	-46.57
Feldspar	(t)	27 835	28 000	25 000	29 473	24 399	-12.34	-17.22
Gypsum	(t)	800	800	800	1 660	1 955	144.38	17.77
Kaolin	(t)	42 365	48 665	45 000	49 744	49 000	15.66	-1.50
Phosphate	(t)	1 000	1 000	1 000	505	533	-46.70	5.54
Salt	(t)	600 000	600 000	600 000	500 000	400 000	-33.33	-20.00
Sulfur	(t)	3 300	3 300	3 000	3 165	9 177	178.09	189.95
Hard-Coal	(t)	27 584 418	30 951 239	38 311 877	47 338 609	54 652 295	98.13	15.45
Nat.Gas (Mio m3)		75 391	75 433	84 660	92 300	90 294	19.77	-2.17
Oil	(t)	78 643 286	78 690 714	78 137 720	79 155 168	78 497 110	-0.19	-0.83

Remarks:

Ni-content in FeNi and Ni matte.

Iran

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	5 625 900	5 561 600	4 836 000	5 008 500	4 828 300	-14.18	-3.60
Chromium	(t)	48 000	51 450	57 500	65 600	62 145	29.47	-5.27
Manganese	(t)	24 320	24 000	29 920	32 300	45 900	88.73	42.11
Molybdenum	(t)	1 200	1 700	1 655	2 600	2 600	116.67	0.00
Aluminium	(t)	91 500	110 000	220 000	253 000	107 000	16.94	-57.71
Arsenic	(t)	200	118	30	20	75	-62.50	275.00
Bauxite	(t)	100 000	68 000	148 000	160 000	145 000	45.00	-9.38
Copper	(t)	86 600	100 040	105 710	113 770	110 000	27.02	-3.31
Lead	(t)	14 700	18 300	15 900	18 000	17 600	19.73	-2.22
Zinc	(t)	70 100	72 900	73 950	62 000	81 950	16.90	32.18
Gold	(kg)	1 000	723	633	640	684	-31.60	6.88
Silver	(kg)	50 000	1 430	1 120	1 300	1 320	-97.36	1.54
Asbestos	(t)	55 000	80 000	44 000	42 000	62 000	12.73	47.62
Baryte	(t)	105 000	225 000	185 000	210 000	160 000	52.38	-23.81
Bentonite	(t)	85 000	84 000	32 000	84 000	105 000	23.53	25.00
Boron	(t)	1 000	1 200	1 500	1 000	2 850	185.00	185.00
Feldspar	(t)	60 000	79 000	86 000	90 000	125 000	108.33	38.89
Fluorspar	(t)	10 000	5 300	16 400	20 000	6 200	-38.00	-69.00
Gypsum	(t)	8 600 000	8 433 000	8 230 000	8 750 000	8 900 000	3.49	1.71
Kaolin	(t)	280 000	551 000	471 000	470 000	860 000	207.14	82.98
Magnesite	(t)	40 000	65 000	55 000	50 000	105 000	162.50	110.00
Perlite	(t)	6 000	4 000	800	1 000	3 500	-41.67	250.00
Salt	(t)	900 000	1 050 000	936 000	1 000 000	1 180 000	31.11	18.00
Sulfur	(t)	800 000	860 000	1 105 000	1 300 000	1 120 000	40.00	-13.85
Talc	(t)	25 000	27 000	26 000	25 000	24 300	-2.80	-2.80
Hard-Coal	(t)	1 680 000	1 720 000	1 590 000	1 840 000	1 750 000	4.17	-4.89
Nat.Gas (Mio m3)		27 070	31 750	23 200	24 800	48 100	77.69	93.95
Oil	(t)	190 842 857	181 500 000	173 000 000	184 000 000	191 000 000	0.08	3.80

Iraq

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	350 000	350 000	380 000	400 000	420 000	20.00	5.00
Phosphate	(t)	225 000	550 000	440 000	465 000	466 000	107.11	0.22
Salt	(t)	220 000	220 000	230 000	240 000	250 000	13.64	4.17
Sulfur	(t)	800 000	600 000	600 000	475 000	475 000	-40.63	0.00
Nat.Gas (Mio m3)		2 500	3 000	3 000	3 500	3 500	40.00	0.00
Oil	(t)	23 500 000	36 515 950	31 555 893	29 600 000	56 300 000	139.57	90.20

Ireland

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Lead	(t)	48 300	53 700	46 100	45 300	45 100	-6.63	-0.44
Zinc	(t)	194 100	194 000	183 500	164 500	193 200	-0.46	17.45
Silver	(kg)	13 000	17 400	13 700	14 700	13 300	2.31	-9.52
Baryte	(t)	53 000	50 000	0	0	0	-100.00	.
Gypsum	(t)	317 600	367 300	406 000	423 000	477 000	50.19	12.77
Hard-Coal	(t)	1 000	0	0	0	0	-100.00	.
Nat.Gas (Mio m3)		2 690	2 710	3 700	2 740	2 410	-10.41	-12.04

Israel

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	48 000	48 000	47 500	75 000	90 000	87.50	20.00
Phosphate	(t)	1 794 000	2 080 000	2 028 000	2 322 000	4 047 000	125.59	74.29
Potash	(t)	1 330 410	1 280 390	1 346 270	1 520 120	1 525 000	14.63	0.32
Salt	(t)	722 200	1 001 600	946 017	765 000	750 000	3.85	-1.96
Nat.Gas (Mio m3)		23	22	25	16	15	-34.78	-6.25
Oil	(t)	7 953	5 291	9 146	8 768	8 500	6.88	-3.06

Italy

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Manganese	(t)	8 176	1 868	1 612	1 457	2 128	-73.97	46.05
Aluminium	(t)	129 732	175 600	197 750	192 833	187 700	44.68	-2.66
Bauxite	(t)	90 100	23 400	11 000	0	0	-100.00	.
Bismuth	(t)	0	5	0	0	0	.	.
Cadmium	(t)	517	475	308	300	287	-44.49	-4.33
Lead	(t)	8 011	20 455	22 658	21 000	17 630	120.07	-16.05
Zinc	(t)	7 100	22 900	24 455	20 100	15 415	117.11	-23.31

Silver	(kg)	92 635	80 000	80 000	75 000	70 000	-24.43	-6.67
Baryte	(t)	52 697	57 856	44 393	80 463	26 694	-49.34	-66.82
Bentonite	(t)	326 392	374 491	590 845	475 000	509 960	56.24	7.36
Feldspar	(t)	1 534 421	1 806 935	2 199 315	2 310 450	2 118 117	38.04	-8.32
Fluorspar	(t)	71 684	77 946	124 749	126 530	105 794	47.58	-16.39
Gypsum	(t)	1 200 000	1 361 017	1 492 594	1 200 000	1 210 718	0.89	0.89
Kaolin	(t)	55 181	58 574	85 661	126 000	180 570	227.23	43.31
Potash	(t)	1 438 850	0	0	0	0	-100.00	.
Salt	(t)	3 021 427	3 396 155	3 430 374	3 000 000	3 594 549	18.97	19.82
Sulfur	(t)	377 070	258 368	250 000	250 000	200 000	-46.96	-20.00
Talc	(t)	140 939	138 416	159 106	168 000	140 816	-0.09	-16.18
Hard-Coal	(t)	6 337	0	0	4 787	0	-100.00	-100.00
Lignite	(t)	1 075 761	509 247	352 293	223 400	222 421	-79.32	-0.44
Nat.Gas (Mio m3)		19 400	20 341	20 383	20 218	19 123	-1.43	-5.42
Oil	(t)	4 584 000	4 928 898	5 207 980	5 429 849	5 892 055	28.54	8.51
Oil-Shale	(t)	10 324	9 014	9 320	22 000	20 000	93.72	-9.09

Jamaica

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Bauxite	(t)	11 184 000	11 871 000	10 871 000	11 757 000	11 988 000	7.19	1.96
Gypsum	(t)	109 000	164 000	188 000	251 000	132 000	21.10	-47.41
Salt	(t)	13 500	14 000	14 000	14 500	15 000	11.11	3.45

Japan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	10 621	3 058	1 301	3 563	1 537	-85.53	-56.86
Chromium	(t)	2 240	2 240	2 000	2 000	1 800	-19.64	-10.00
Tungsten	(t)	66	0	0	0	0	-100.00	.
Aluminium	(t)	18 263	16 956	18 034	16 959	16 694	-8.59	-1.56
Arsenic	(t)	500	500	500	450	420	-16.00	-6.67
Bismuth	(t)	497	500	600	560	474	-4.63	-15.36
Cadmium	(t)	2 832	2 614	2 652	2 343	2 373	-16.21	1.28
Copper	(t)	10 277	6 043	2 376	1 145	932	-90.93	-18.60
Gallium	(t)	6	6	6	5	5	-16.67	0.00
Germanium	(t)	14	0	0	0	0	-100.00	.
Lead	(t)	16 470	9 900	9 659	7 753	5 227	-68.26	-32.58
Tellurium	(t)	47	47	50	45	40	-14.89	-11.11
Zinc	(t)	118 599	100 653	95 274	79 709	71 569	-39.65	-10.21
Gold	(kg)	9 352	9 551	9 185	8 627	8 384	-10.35	-2.82
Platinum	(kg)	1 844	1 200	1 200	816	693	-62.42	-15.07
Silver	(kg)	136 886	133 713	100 078	85 115	87 180	-36.31	2.43

Asbestos	(t)	2 636	0	0	0	0	-100.00	.
Bentonite	(t)	515 307	484 000	478 056	468 728	495 646	-3.82	5.74
Feldspar	(t)	71 568	53 503	65 086	55 122	60 000	-16.16	8.85
Kaolin	(t)	110 314	114 000	182 122	141 230	110 915	0.54	-21.46
Perlite	(t)	200 451	200 000	200 000	200 000	200 000	-0.22	0.00
Salt	(t)	1 381 000	1 390 000	1 400 000	1 400 000	1 420 000	2.82	1.43
Sulfur	(t)	2 669 000	2 600 000	2 900 000	1 827 000	633 369	-76.27	-65.33
Talc	(t)	809 000	716 000	717 269	659 904	620 000	-23.36	-6.05
Vermiculite	(t)	15 000	15 000	15 000	10 000	10 000	-33.33	0.00
Hard-Coal	(t)	7 217 000	6 900 000	8 741 000	6 480 000	4 274 000	-40.78	-34.04
Nat.Gas (Mio m3)		2 170	2 270	2 209	2 230	2 279	5.02	2.20
Oil	(t)	774 000	789 000	861 000	837 162	842 000	8.79	0.58

Jordan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Feldspar	(t)	0	0	7 341	7 500	7 340	.	-2.13
Gypsum	(t)	194 981	200 000	166 575	120 810	114 500	-41.28	-5.22
Kaolin	(t)	47 174	50 000	65 998	37 832	34 550	-26.76	-8.68
Phosphate	(t)	1 140 787	1 348 800	1 828 225	1 713 618	1 945 542	70.54	13.53
Potash	(t)	865 483	822 000	1 125 279	1 068 000	849 405	-1.86	-20.47
Salt	(t)	26 000	25 000	78 175	80 000	80 000	207.69	0.00
Nat.Gas (Mio m3)		310	350	350	235	291	-6.13	23.83
Oil	(t)	1 616	1 600	1 600	1 700	2 097	29.76	23.35

Kazakhstan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	13 130 000	13 458 000	18 525 000	16 250 000	13 700 000	4.34	-15.69
Chromium	(t)	1 277 100	1 403 520	1 039 310	511 700	430 000	-66.33	-15.97
Cobalt	(t)	0	1 394	300	300	300	.	0.00
Manganese	(t)	50 000	100 000	128 430	129 000	120 000	140.00	-6.98
Molybdenum	(t)	700	534	400	400	400	-42.86	0.00
Nickel	(t)	0	0	9 900	9 800	10 000	.	2.04
Titanium	(t)	0	0	9 592	12 500	13 000	.	4.00
Tungsten	(t)	500	154	288	280	200	-60.00	-28.57
Vanadium	(t)	0	0	900	900	900	.	0.00
Arsenic	(t)	2 000	2 000	1 586	1 500	1 500	-25.00	0.00
Bauxite	(t)	1 700 000	2 425 000	3 319 000	3 140 000	3 100 000	82.35	-1.27
Bismuth	(t)	50	117	33	33	33	-34.00	0.00
Cadmium	(t)	1 000	995	1 209	1 200	1 200	20.00	0.00
Copper	(t)	260 000	276 000	242 800	245 000	316 000	21.54	28.98
Lead	(t)	70 000	90 000	85 000	68 900	35 000	-50.00	-49.20
Tin	(t)	100	24	4	4	4	-96.00	0.00
Zinc	(t)	210 000	172 600	168 300	168 500	225 000	7.14	33.53
Gold	(kg)	20 000	14 483	18 200	12 000	12 000	-40.00	0.00
Silver	(kg)	600 000	408 400	489 000	480 000	500 000	-16.67	4.17

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Asbestos	(t)	325 000	300 000	250 000	250 000	125 000	-61.54	-50.00
Baryte	(t)	200 000	135 000	150 000	250 000	270 000	35.00	8.00
Boron	(t)	90 000	80 000	80 000	80 000	80 000	-11.11	0.00
Fluorspar	(t)	90 000	80 000	75 000	80 000	85 000	-5.56	6.25
Phosphate	(t)	530 000	1 736 800	1 500 000	900 000	500 000	-5.66	-44.44
Sulfur	(t)	150 000	150 000	140 000	97 000	100 000	-33.33	3.09
Hard-Coal	(t)	107 200 000	101 500 000	101 000 000	76 600 000	69 600 000	-35.07	-9.14
Lignite	(t)	4 700 000	2 500 000	2 100 000	1 800 000	3 000 000	-36.17	66.67
Nat.Gas (Mio m3)		5 716	5 310	4 333	3 352	4 000	-30.02	19.33
Oil	(t)	23 756 000	24 000 000	19 968 000	21 466 000	25 800 000	8.60	20.19
Uranium	(t)	3 184	1 546	1 388	1 320	1 000	-68.59	-24.24

Kenya

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Lead	(t)	253	210	252	250	0	-100.00	-100.00
Gold	(kg)	20	14	48	50	50	150.00	0.00
Baryte	(t)	14	20	0	0	0	-100.00	.
Diatomite	(t)	829	592	578	550	550	-33.66	0.00
Fluorspar	(t)	78 725	53 488	80 230	80 000	80 000	1.62	0.00
Gypsum	(t)	1 504	569	1 000	900	900	-40.16	0.00
Kaolin	(t)	7	0	300	300	200	2757.14	-33.33
Salt	(t)	74 669	70 500	71 400	72 000	72 000	-3.57	0.00
Vermiculite	(t)	1 961	1 113	457	450	450	-77.05	0.00

Remarks:

Vermiculit quantity exported

Korea, Republic of

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	133 070	107 135	103 288	100 000	100 000	-24.85	0.00
Manganese	(t)	100	0	0	0	0	-100.00	.
Molybdenum	(t)	0	4	0	0	0	.	.
Cadmium	(t)	0	0	908	930	930	.	0.00
Copper	(t)	0	0	30	35	0	.	-100.00
Lead	(t)	7 209	4 345	4 064	5 200	3 600	-50.06	-30.77
Zinc	(t)	13 967	14 243	7 747	8 300	9 000	-35.56	8.43
Gold	(kg)	1 980	1 374	1 270	1 200	1 200	-39.39	0.00
Silver	(kg)	7 834	8 600	179	175	170	-97.83	-2.86
Baryte	(t)	0	85	0	0	0	.	.
Bentonite	(t)	48 623	121 262	66 157	65 000	60 000	23.40	-7.69
Diatomite	(t)	67 324	82 738	81 303	80 000	80 000	18.83	0.00
Feldspar	(t)	322 289	319 658	367 578	330 000	320 000	-0.71	-3.03
Fluorspar	(t)	209	100	0	0	0	-100.00	.
Graphite	(t)	5 910	4 300	1 938	3 500	3 200	-45.85	-8.57

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Gypsum	(t)	380 000	0	0	0	0	-100.00	.
Kaolin	(t)	597 836	361 886	495 055	500 000	480 000	-19.71	-4.00
Salt	(t)	760 000	0	0	0	0	-100.00	.
Sulfur	(t)	530 000	0	0	0	0	-100.00	.
Talc	(t)	697 223	743 291	819 358	730 000	820 000	17.61	12.33
Hard-Coal	(t)	9 443 000	7 438 849	5 670 000	5 100 000	4 500 000	-52.35	-11.76

Remarks:

Gold and silver: mine production.

Kuwait

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Salt	(t)	40 863	36 897	37 038	36 000	36 000	-11.90	0.00
Sulfur	(t)	470 000	467 924	277 798	605 963	600 000	27.66	-0.98
Nat.Gas (Mio m3)		4 500	5 000	10 868	10 892	12 000	166.67	10.17
Oil	(t)	98 142 857	104 838 585	104 663 104	104 609 088	106 500 000	8.52	1.81

Kyrgystan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Antimony	(t)	1 600	2 500	2 500	2 500	2 500	56.25	0.00
Mercury	(t)	250	449	400	596	611	144.40	2.52
Gold	(kg)	1 300	2 000	2 000	5 000	5 000	284.62	0.00
Hard-Coal	(t)	1 700 000	2 000 000	1 000 000	800 000	500 000	-70.59	-37.50
Nat.Gas (Mio m3)		40	37	35	35	30	-25.00	-14.29
Oil	(t)	135 000	130 000	130 000	130 000	120 000	-11.11	-7.69

Laos

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Tin	(t)	176	270	102	100	100	-43.18	0.00
Gypsum	(t)	129 757	102 217	110 000	75 000	115 000	-11.37	53.33
Salt	(t)	9 000	9 000	8 000	7 000	7 500	-16.67	7.14
Hard-Coal	(t)	3 523	3 284	3 746	3 800	4 000	13.54	5.26

Latvia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	60 500	61 026	78 813	63 888	60 905	0.67	-4.67

Lebanon

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	2 500	2 000	2 000	1 800	1 500	-40.00	-16.67
Salt	(t)	3 000	3 000	2 500	2 500	2 000	-33.33	-20.00

Liberia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	300	0	0	0	0	-100.00	.
Diam. (Gem)	(c)	26 000	32 500	32 500	29 250	65 000	150.00	122.22
Diam. (Ind)	(c)	54 000	67 500	67 500	60 750	135 000	150.00	122.22

Libya

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	160 000	160 000	170 000	180 000	190 000	18.75	5.56
Salt	(t)	15 000	15 000	30 000	28 000	27 000	80.00	-3.57
Sulfur	(t)	20 000	20 000	19 000	22 000	24 000	20.00	9.09
Nat.Gas (Mio m3)		6 870	6 904	6 849	6 950	8 000	16.45	15.11
Oil	(t)	75 714 285	66 600 000	68 600 000	78 573 253	68 000 000	-10.19	-13.46

Lithuania

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Oil	(t)	72 100	78 500	115 000	161 200	213 000	195.42	32.13

Macedonia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Nickel	(t)	4 493	3 980	5 200	4 500	4 900	9.06	8.89
Copper	(t)	7 534	7 140	8 560	8 484	8 200	8.84	-3.35
Lead	(t)	36 080	30 464	29 749	29 030	30 690	-14.94	5.72

Zinc	(t)	24 205	21 335	22 141	21 560	20 620	-14.81	-4.36
Gold	(kg)	680	640	760	752	680	0.00	-9.57
Silver	(kg)	24 117	22 303	15 848	20 025	18 760	-22.21	-6.32
Bentonite	(t)	4 000	5 000	4 000	4 000	3 500	-12.50	-12.50
Feldspar	(t)	35 000	15 000	10 000	9 500	10 000	-71.43	5.26
Talc	(t)	13 100	16 500	15 000	14 500	15 000	14.50	3.45
Lignite	(t)	7 017 108	7 018 087	7 353 093	7 723 000	7 443 000	6.07	-3.63

Remarks:

Ni content of mine output.

Madagascar

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Chromium	(t)	29 890	44 198	49 000	67 130	58 800	96.72	-12.41
Rare Earths	(t)	5	5	4	3	0	-100.00	-100.00
Graphite	(t)	10 000	8 000	13 965	14 000	13 000	30.00	-7.14
Kaolin	(t)	760	700	700	650	600	-21.05	-7.69
Salt	(t)	50 000	50 000	45 000	45 000	40 000	-20.00	-11.11

Remarks:

Rare Earths ROM 49% REE

Malawi

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Hard-Coal	(t)	52 752	50 000	50 000	71 153	63 000	19.43	-11.46

Malaysia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	140 394	202 682	181 972	285 294	269 087	91.67	-5.68
Tantalum-Col.	(t)	1 077	0	0	0	0	-100.00	.
Titanium	(t)	153 423	63 737	64 477	69 883	70 000	-54.37	0.17
Tungsten	(t)	1	1	1	0	0	-100.00	.
Bauxite	(t)	68 824	161 919	184 433	218 680	279 000	305.38	27.58
Copper	(t)	25 182	25 267	20 751	20 671	18 900	-24.95	-8.57
Rare Earths	(t)	429	426	814	618	600	39.86	-2.91
Tin	(t)	10 384	6 458	6 355	6 922	5 100	-50.89	-26.32
Gold	(kg)	4 463	4 085	3 161	2 829	4 488	0.56	58.64
Silver	(kg)	13 913	13 341	10 863	9 720	9 600	-31.00	-1.23

Baryte	(t)	11 551	17 144	16 966	17 458	18 000	55.83	3.10
Kaolin	(t)	249 852	252 628	211 182	209 562	187 411	-24.99	-10.57
Sulfur	(t)	48	0	0	0	0	-100.00	.
Zircon	(t)	2 184	1 656	3 790	4 511	5 000	128.94	10.84
Hard-Coal	(t)	263 604	173 749	112 100	73 747	105 231	-60.08	42.69
Nat.Gas (Mio m3)		23 000	31 025	35 600	32 400	40 000	73.91	23.46
Oil	(t)	33 475 700	34 080 364	36 656 429	34 100 000	35 500 000	6.05	4.11

Mali

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	3 000	3 000	3 980	4 500	4 700	56.67	4.44
Phosphate	(t)	0	0	720	0	0	.	.
Salt	(t)	5 000	5 000	0	0	0	-100.00	.

Malta

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Salt	(t)	170	170	160	150	130	-23.53	-13.33

Mauritania

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	6 279 000	6 722 300	7 484 100	7 252 700	7 500 000	19.45	3.41
Gold	(kg)	1 200	1 738	1 800	1 890	1 800	50.00	-4.76
Gypsum	(t)	3 600	4 230	10 100	12 500	13 000	261.11	4.00

Remarks:

Gold processing of tailings

Mexico

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	4 477 561	4 412 954	4 500 089	4 887 562	5 023 826	12.20	2.79
Manganese	(t)	116 000	91 272	140 662	173 380	192 825	66.23	11.22
Molybdenum	(t)	1 705	2 613	3 883	4 211	4 842	183.99	14.98
Tungsten	(t)	0	0	287	188	179	.	-4.79
Aluminium	(t)	24 806	0	0	0	0	-100.00	.
Antimony	(t)	1 494	1 758	1 783	983	1 909	27.78	94.20
Arsenic	(t)	4 447	4 440	3 620	2 942	2 999	-32.56	1.94
Bismuth	(t)	908	1 047	988	1 070	1 642	80.84	53.46

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Cadmium	(t)	1 924	1 870	1 756	1 813	1 872	-2.70	3.25
Copper	(t)	303 989	305 487	339 347	327 978	338 933	11.50	3.34
Lead	(t)	181 741	163 836	179 740	167 114	180 349	-0.77	7.92
Mercury	(t)	20	10	10	0	0	-100.00	.
Tin	(t)	3	3	1	2	5	66.67	150.00
Zinc	(t)	366 432	358 953	354 673	348 328	377 861	3.12	8.48
Gold	(kg)	11 121	14 642	20 902	24 083	26 031	134.07	8.09
Silver	(kg)	2 415 805	2 334 181	2 495 522	2 536 465	2 701 329	11.82	6.50
Baryte	(t)	135 891	86 605	248 367	470 028	236 606	74.11	-49.66
Bentonite	(t)	127 289	100 000	100 000	69 810	69 000	-45.79	-1.16
Diatomite	(t)	46 500	45 000	47 000	52 200	60 000	29.03	14.94
Feldspar	(t)	123 512	133 441	121 779	139 972	155 760	26.11	11.28
Fluorspar	(t)	282 988	327 378	522 658	523 971	552 839	95.36	5.51
Graphite	(t)	43 589	30 863	34 388	40 412	47 982	10.08	18.73
Gypsum	(t)	3 283 444	3 438 110	3 477 840	3 758 900	4 216 300	28.41	12.17
Kaolin	(t)	124 232	216 000	220 000	165 000	160 000	28.79	-3.03
Perlite	(t)	37 222	35 000	35 000	37 417	35 000	-5.97	-6.46
Phosphate	(t)	73 065	171 690	199 153	218 265	228 372	212.56	4.63
Salt	(t)	7 490 820	7 458 414	7 669 549	8 508 148	7 932 772	5.90	-6.76
Sulfur	(t)	905 713	876 897	882 414	921 349	923 352	1.95	0.22
Talc	(t)	19 755	15 000	15 000	10 100	10 000	-49.38	-0.99
Vermiculite	(t)	134	300	200	225	350	161.19	55.56
Hard-Coal	(t)	5 718 013	6 392 937	7 391 057	8 779 518	8 509 976	48.83	-3.07
Nat.Gas (Mio m3)		37 002	26 000	26 000	29 900	29 000	-21.63	-3.01
Oil	(t)	144 435 714	156 800 000	152 700 000	162 500 000	169 300 000	17.21	4.18

Moldavia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	35 100	14 600	13 600	12 700	13 000	-62.96	2.36

Mongolia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Molybdenum	(t)	1 455	1 500	1 500	2 000	2 200	51.20	10.00
Tungsten	(t)	14	0	0	32	0	-100.00	-100.00
Copper	(t)	140 700	119 200	120 200	121 000	127 000	-9.74	4.96
Tellurium	(t)	4	3	3	0	2	-50.00	.
Tin	(t)	58	58	58	37	55	-5.17	48.65
Gold	(kg)	2 085	3 000	4 650	5 998	2 200	5.52	-63.32
Silver	(kg)	20 000	21 000	21 000	20 000	19 000	-5.00	-5.00
Fluorspar	(t)	200 000	300 000	180 000	127 600	135 000	-32.50	5.80
Gypsum	(t)	30 000	25 000	25 000	20 000	20 000	-33.33	0.00
Salt	(t)	19 000	18 000	18 000	17 000	16 000	-15.79	-5.88
Lignite	(t)	5 062 000	5 000 000	5 100 000	4 922 000	4 500 000	-11.10	-8.57

Uranium	(t)	120	140	150	181	150	25.00	-17.13
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Remarks:
Fluorspar refers to ROM

Morocco

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	39 800	38 110	27 383	7 105	7 207	-81.89	1.44
Chromium	(t)	140	140	0	0	0	-100.00	.
Cobalt	(t)	397	419	535	554	785	97.73	41.70
Manganese	(t)	19 375	13 815	12 592	13 260	13 863	-28.45	4.55
Copper	(t)	12 990	13 018	12 497	13 168	13 070	0.62	-0.74
Lead	(t)	71 113	64 798	63 011	66 698	68 514	-3.65	2.72
Zinc	(t)	62 874	74 693	77 129	76 290	85 898	36.62	12.59
Silver	(kg)	236 000	259 000	204 000	333 000	262 000	11.02	-21.32
Baryte	(t)	349 613	266 000	266 226	287 513	343 314	-1.80	19.41
Bentonite	(t)	10 811	24 919	28 895	29 881	49 633	359.10	66.10
Fluorspar	(t)	70 000	85 000	106 500	100 000	103 800	48.29	3.80
Phosphate	(t)	5 675 170	6 303 850	6 297 030	6 465 050	7 156 040	26.09	10.69
Salt	(t)	150 691	178 584	172 782	165 393	257 500	70.88	55.69
Hard-Coal	(t)	603 800	650 400	649 600	505 600	376 300	-37.68	-25.57
Nat.Gas (Mio m3)		24	25	30	25	25	4.17	0.00
Oil	(t)	10 000	8 000	2 900	2 000	2 933	-70.67	46.65

Mozambique

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Bauxite	(t)	6 034	9 620	11 000	12 000	8 000	32.58	-33.33
Copper	(t)	259	0	0	0	0	-100.00	.
Gold	(kg)	149	336	300	300	250	67.79	-16.67
Salt	(t)	35 000	40 000	40 000	35 000	30 000	-14.29	-14.29
Hard-Coal	(t)	8 740	10 000	40 000	35 000	35 000	300.46	0.00

Myanmar

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Chromium	(t)	200	200	200	150	130	-35.00	-13.33
Nickel	(t)	259	226	170	0	0	-100.00	.
Tungsten	(t)	109	92	144	23	14	-87.16	-39.13

Copper	(t)	5 579	7 620	8 357	5 813	4 390	-21.31	-24.48
Lead	(t)	1 561	1 547	1 862	1 130	782	-49.90	-30.80
Tin	(t)	346	544	492	233	141	-59.25	-39.48
Zinc	(t)	894	1 300	700	600	500	-44.07	-16.67
Gold	(kg)	30	194	146	171	150	400.00	-12.28
Silver	(kg)	2 395	3 792	4 425	8 915	9 331	289.60	4.67
Baryte	(t)	15 628	15 749	30 641	17 113	14 606	-6.54	-14.65
Bentonite	(t)	200	300	600	730	750	275.00	2.74
Diam. (Gem)	(c)	30	0	0	0	4	-86.67	.
Diam. (Ind)	(c)	145	45	12	45	18	-87.59	-60.00
Feldspar	(t)	1 355	5 735	7 091	0	0	-100.00	.
Gypsum	(t)	27 835	31 497	37 011	28 599	34 546	24.11	20.79
Salt	(t)	260 000	276 740	250 000	230 000	200 000	-23.08	-13.04
Lignite	(t)	31 654	72 546	34 708	44 412	22 537	-28.80	-49.25
Nat.Gas (Mio m3)		801	1 019	1 447	1 800	1 800	124.72	0.00
Oil	(t)	771 660	743 080	814 530	550 000	600 000	-22.25	9.09

Remarks:

Diamonds: By-product of alluvial tin operation

Namibia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Manganese	(t)	0	30 000	46 739	45 250	17 104	.	-62.20
Arsenic	(t)	2 290	2 775	1 246	1 505	2 000	-12.66	32.89
Cadmium	(t)	13	19	15	10	2	-84.62	-80.00
Copper	(t)	32 941	29 365	29 203	18 306	20 300	-38.37	10.89
Lead	(t)	31 236	31 815	26 752	24 416	17 000	-45.58	-30.37
Lithium	(t)	30	0	104	50	0	-100.00	-100.00
Tin	(t)	6	1	2	2	0	-100.00	-100.00
Zinc	(t)	17 967	17 375	15 407	18 295	18 564	3.32	1.47
Gold	(kg)	1 790	2 188	1 910	2 177	2 433	35.92	11.76
Silver	(kg)	71 715	60 817	65 847	42 000	33 500	-53.29	-20.24
Diam. (Gem)	(c)	1 084 284	1 246 731	1 312 670	1 412 134	1 083 000	-0.12	-23.31
Diam. (Ind)	(c)	57 068	65 517	69 087	72 323	57 000	-0.12	-21.19
Fluorspar	(t)	42 597	51 181	37 076	32 285	23 208	-45.52	-28.12
Gypsum	(t)	558	0	0	0	0	-100.00	.
Salt	(t)	132 585	349 621	423 525	378 860	485 414	266.12	28.12
Sulfur	(t)	56 852	60 817	62 000	45 338	46 476	-18.25	2.51
Uranium	(t)	2 168	2 485	2 007	2 886	3 426	58.03	18.71

Remarks:

Cd, refined metal; sulphur from pyrite; Manganese ore since September 1994

Nauru

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Phosphate	(t)	243 960	224 298	228 000	193 800	190 000	-22.12	-1.96

Nepal

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Copper	(t)	4	4	4	3	0	-100.00	-100.00
Mercury	(t)	0	0	0	0	1	.	.
Salt	(t)	7	7	7	6	6	-14.29	0.00
Talc	(t)	3 000	3 000	2 362	2 300	6 500	116.67	182.61
Lignite	(t)	11 000	11 000	6 048	5 500	8 200	-25.45	49.09

Netherlands

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Aluminium	(t)	231 800	219 400	215 600	227 000	231 800	0.00	2.11
Potash	(t)	10 106	0	0	0	0	-100.00	.
Salt	(t)	4 238 000	4 245 000	4 786 000	4 800 000	5 601 000	32.16	16.69
Nat.Gas (Mio m3)		83 274	84 000	78 300	95 432	81 800	-1.77	-14.28
Oil	(t)	3 261 457	4 321 000	3 210 000	3 000 000	2 470 000	-24.27	-17.67

Remarks:

Salt: content of MgCl₂: 192.500t

New Caledonia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Nickel	(t)	98 100	97 300	120 700	124 800	114 400	16.62	-8.33

New Zealand

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	1 521 000	1 200 600	1 370 074	1 353 578	1 450 000	-4.67	7.12
Aluminium	(t)	266 900	272 200	269 000	260 000	310 200	16.22	19.31
Gold	(kg)	11 161	10 118	12 132	11 571	11 400	2.14	-1.48
Silver	(kg)	25 800	27 589	27 794	29 340	31 700	22.87	8.04

Bentonite	(t)	1 613	930	3 699	4 000	4 100	154.18	2.50
Kaolin	(t)	25 000	28 000	0	0	0	-100.00	.
Perlite	(t)	814	0	1 800	1 880	1 900	133.42	1.06
Salt	(t)	70 000	80 000	80 000	75 000	70 000	0.00	-6.67
Sulfur	(t)	6 600	2 102	0	0	0	-100.00	.
Hard-Coal	(t)	3 090 778	2 721 526	3 202 156	3 509 334	3 500 000	13.24	-0.27
Lignite	(t)	300 000	182 984	242 882	109 982	200 000	-33.33	81.85
Nat.Gas (Mio m3)		5 383	5 000	4 462	5 364	5 500	2.17	2.54
Oil	(t)	1 864 400	1 900 000	1 502 165	1 500 000	1 600 000	-14.18	6.67

Nicaragua

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	1 700	1 225	1 200	2 059	2 395	40.88	16.32
Silver	(kg)	2 400	2 628	2 600	783	934	-61.08	19.28
Bentonite	(t)	1 300	5 656	3 000	2 374	512	-60.62	-78.43
Gypsum	(t)	9 000	10 300	10 000	20 242	15 820	75.78	-21.85
Salt	(t)	15 000	15 000	15 000	16 000	15 000	0.00	-6.25

Niger

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Tin	(t)	18	20	17	23	25	38.89	8.70
Gold	(kg)	30	30	53	313	300	900.00	-4.15
Gypsum	(t)	1 648	1 500	1 500	1 897	2 000	21.36	5.43
Salt	(t)	2 500	2 000	2 000	2 000	1 800	-28.00	-10.00
Hard-Coal	(t)	156 310	150 000	170 971	182 022	150 000	-4.04	-17.59
Uranium	(t)	3 429	2 964	2 330	3 919	3 497	1.98	-10.77

Nigeria

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	100 000	100 000	90 000	80 000	72 484	-27.52	-9.40
Tantalum-Col.	(t)	40	40	20	20	20	-50.00	0.00
Tin	(t)	300	300	300	2 700	2 700	800.00	0.00
Gold	(kg)	0	0	0	0	17	.	.
Baryte	(t)	17 000	17 000	17 500	17 500	13 000	-23.53	-25.71
Kaolin	(t)	200	200	150	150	100	-50.00	-33.33

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Hard-Coal	(t)	100 000	100 000	90 000	90 000	90 000	-10.00	0.00
Nat.Gas (Mio m3)		5 650	5 537	5 427	5 500	5 000	-11.50	-9.09
Oil	(t)	102 050 000	104 317 000	100 405 113	111 300 000	119 527 523	17.13	7.39

Norway

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	1 531 552	1 650 000	1 458 300	1 117 651	1 626 000	6.17	45.48
Nickel	(t)	3 500	2 938	2 892	2 820	2 435	-30.43	-13.65
Titanium	(t)	315 196	366 008	368 208	329 840	246 903	-21.67	-25.14
Aluminium	(t)	867 000	862 000	847 000	863 000	918 600	5.95	6.44
Cadmium	(t)	160	135	296	300	290	81.25	-3.33
Copper	(t)	8 868	7 412	6 797	7 389	6 670	-24.79	-9.73
Lead	(t)	2 245	3 598	296	274	231	-89.71	-15.69
Zinc	(t)	15 092	15 870	9 946	4 435	4 400	-70.85	-0.79
Gold	(kg)	1 000	0	0	0	0	-100.00	.
Silver	(kg)	11 200	6 036	6 000	5 900	5 000	-55.36	-15.25
Feldspar	(t)	67 923	62 905	73 810	72 555	107 335	58.02	47.94
Graphite	(t)	6 500	5 200	2 558	7 065	7 713	18.66	9.17
Sulfur	(t)	42 668	43 000	43 000	42 900	42 500	-0.39	-0.93
Talc	(t)	27 000	27 000	30 683	28 140	30 475	12.87	8.30
Hard-Coal	(t)	306 078	301 190	292 094	229 636	386 440	26.26	68.28
Nat.Gas (Mio m3)		27 300	30 000	31 100	41 100	45 600	67.03	10.95
Oil	(t)	114 400 000	126 000 000	133 004 175	158 400 000	160 800 000	40.56	1.52

Oman

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Chromium	(t)	4 094	2 480	2 120	6 100	7 160	74.89	17.38
Copper	(t)	8 800	4 300	0	0	0	-100.00	.
Gold	(kg)	0	0	520	600	577	.	-3.83
Silver	(kg)	2 900	4 700	72	80	0	-100.00	-100.00
Gypsum	(t)	263 007	121 446	104 490	113 137	113 600	-56.81	0.41
Salt	(t)	10 086	10 000	14 317	12 429	12 000	18.98	-3.45
Nat.Gas (Mio m3)		6 423	7 000	5 120	7 260	8 000	24.55	10.19
Oil	(t)	40 642 857	42 509 178	44 744 966	46 156 700	44 900 000	10.47	-2.72

Remarks:

Ag = byproduct from Cu concentrate treatment, no indigenous Copper prod. since 1995.

Pakistan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	1 164	2 504	0	0	2 015	73.11	.
Chromium	(t)	6 190	2 496	5 968	12 620	7 478	20.81	-40.74
Manganese	(t)	0	90	0	0	0	.	.
Antimony	(t)	5	0	0	0	0	-100.00	.
Bauxite	(t)	4 462	4 573	4 460	2 280	3 179	-28.75	39.43
Asbestos	(t)	165	90	100	90	120	-27.27	33.33
Baryte	(t)	15 331	22 091	20 900	14 470	22 621	47.55	56.33
Bentonite	(t)	8 883	11 180	11 790	10 750	10 796	21.54	0.43
Feldspar	(t)	18 799	19 656	11 750	27 370	14 428	-23.25	-47.29
Fluorspar	(t)	1 000	1 290	1 380	816	160	-84.00	-80.39
Gypsum	(t)	574 336	607 369	624 000	416 000	412 196	-28.23	-0.91
Kaolin	(t)	0	0	0	0	74 965	.	.
Magnesite	(t)	4 422	4 572	4 000	4 100	4 130	-6.60	0.73
Phosphate	(t)	12 640	16 042	8 000	15 000	16 000	26.58	6.67
Salt	(t)	885 077	896 051	890 000	966 000	1 058 653	19.61	9.59
Sulfur	(t)	505	545	500	500	210	-58.42	-58.00
Hard-Coal	(t)	2 922 112	3 082 221	3 010 000	3 402 000	3 300 000	12.93	-3.00
Nat.Gas (Mio m3)		16 524	17 676	23 200	19 760	19 759	19.58	-0.01
Oil	(t)	3 127 914	2 954 397	2 715 100	1 035 196	3 039 550	-2.83	193.62

Panama

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	0	0	284	280	250	.	-10.71
Silver	(kg)	0	0	404	400	380	.	-5.00
Salt	(t)	31 200	31 000	30 000	28 000	25 000	-19.87	-10.71

Papua New Guinea

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Copper	(t)	203 945	206 329	212 737	186 715	111 515	-45.32	-40.28
Gold	(kg)	60 435	62 751	55 721	55 623	48 482	-19.78	-12.84
Silver	(kg)	96 070	76 025	66 228	64 304	49 165	-48.82	-23.54
Nat.Gas (Mio m3)		81	100	107	110	100	23.46	-9.09
Oil	(t)	6 554 857	5 716 000	5 001 500	5 430 200	5 500 000	-16.09	1.29

Paraguay

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	1 500	5 000	7 000	7 500	6 500	333.33	-13.33
Kaolin	(t)	70 000	55 000	70 000	75 000	60 000	-14.29	-20.00

Peru

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	3 474 378	4 636 628	3 948 200	2 915 691	2 965 889	-14.64	1.72
Molybdenum	(t)	4 777	4 631	3 411	3 667	3 835	-19.72	4.58
Tungsten	(t)	388	259	728	331	279	-28.09	-15.71
Antimony	(t)	219	379	230	305	242	10.50	-20.66
Arsenic	(t)	390	286	274	320	837	114.62	161.56
Bismuth	(t)	903	871	581	939	774	-14.29	-17.57
Cadmium	(t)	472	507	560	550	562	19.07	2.18
Copper	(t)	381 250	365 513	409 693	485 595	502 970	31.93	3.58
Lead	(t)	224 695	235 042	237 597	248 929	258 189	14.91	3.72
Tellurium	(t)	17	28	30	25	24	41.18	-4.00
Tin	(t)	14 310	20 275	22 331	27 004	27 952	95.33	3.51
Zinc	(t)	668 094	690 017	692 290	760 353	865 267	29.51	13.80
Gold	(kg)	30 318	47 799	57 743	64 885	76 822	153.39	18.40
Silver	(kg)	1 670 815	1 768 199	1 928 853	1 976 536	2 076 536	24.28	5.06
Baryte	(t)	23 988	53 074	37 476	37 103	63 600	165.13	71.41
Bentonite	(t)	10 250	27 682	26 961	18 592	22 285	117.41	19.86
Boron	(t)	36 472	40 991	40 581	39 982	46 988	28.83	17.52
Diatomite	(t)	35 100	25 000	25 000	24 000	20 000	-43.02	-16.67
Feldspar	(t)	11 385	14 808	9 099	5 918	2 502	-78.02	-57.72
Gypsum	(t)	38 047	15 161	25 340	65 446	64 863	70.48	-0.89
Kaolin	(t)	4 778	7 908	8 445	14 295	7 875	64.82	-44.91
Phosphate	(t)	11 364	22 556	20 000	18 000	17 000	49.60	-5.56
Salt	(t)	175 007	97 212	140 200	145 000	79 492	-54.58	-45.18
Sulfur	(t)	70 000	66 000	65 000	60 000	55 000	-21.43	-8.33
Talc	(t)	10 204	19 974	20 000	25 000	25 000	145.00	0.00
Hard-Coal	(t)	82 710	83 160	80 000	82 000	80 000	-3.28	-2.44
Nat.Gas (Mio m3)		960	1 000	1 428	1 150	1 100	14.58	-4.35
Oil	(t)	6 537 730	6 573 400	6 358 122	6 287 600	6 400 000	-2.11	1.79

Remarks:

Sulphur by-product, estimated

Philippines

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Chromium	(t)	7 574	10 881	13 316	18 524	16 673	120.13	-9.99
Manganese	(t)	6 085	800	0	0	0	-100.00	.
Nickel	(t)	7 663	9 985	15 074	14 700	17 400	127.07	18.37
Arsenic	(t)	2 000	2 000	2 000	2 000	2 000	0.00	0.00
Copper	(t)	136 349	112 075	102 637	61 615	48 638	-64.33	-21.06
Gold	(kg)	24 909	27 059	26 889	29 958	32 494	30.45	8.47
Silver	(kg)	32 036	29 562	28 950	24 304	20 496	-36.02	-15.67
Bentonite	(t)	5 050	3 415	7 636	8 000	7 500	48.51	-6.25
Feldspar	(t)	21 564	43 805	25 950	26 000	12 717	-41.03	-51.09
Guano	(t)	218	100	57	50	20	-90.83	-60.00
Kaolin	(t)	31 500	5 655	3 543	3 000	1 440	-95.43	-52.00
Magnesite	(t)	18 500	18 000	0	0	0	-100.00	.
Perlite	(t)	11 000	6 017	17 133	20 000	25 941	135.83	29.71
Phosphate	(t)	10 711	2 936	3 752	4 000	3 500	-67.32	-12.50
Salt	(t)	535 481	562 255	600 000	620 000	686 514	28.21	10.73
Hard-Coal	(t)	1 531 487	1 458 071	1 320 000	1 700 000	1 100 000	-28.17	-35.29
Oil	(t)	484 285	238 643	157 190	100 000	90 000	-81.42	-10.00

Poland

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Aluminium	(t)	46 900	49 400	52 000	52 100	53 614	14.32	2.91
Cadmium	(t)	230	230	252	204	233	1.30	14.22
Copper	(t)	428 000	423 000	433 000	425 000	440 644	2.95	3.68
Lead	(t)	69 000	85 000	70 000	66 000	71 000	2.90	7.58
Zinc	(t)	186 000	186 000	204 000	165 000	172 000	-7.53	4.24
Gold	(kg)	300	463	474	530	375	25.00	-29.25
Silver	(kg)	1 046 000	959 000	964 000	934 044	1 028 916	-1.63	10.16
Baryte	(t)	21 000	35 000	26 000	22 000	20 000	-4.76	-9.09
Bentonite	(t)	11 000	0	0	3 000	2 000	-81.82	-33.33
Feldspar	(t)	34 000	46 000	46 000	64 000	74 000	117.65	15.63
Gypsum	(t)	826 000	1 050 000	1 038 000	1 082 000	1 039 000	25.79	-3.97
Kaolin	(t)	45 800	58 800	53 800	56 200	52 400	14.41	-6.76
Magnesite	(t)	34 000	30 000	26 000	21 000	30 000	-11.76	42.86
Salt	(t)	3 044 000	3 179 000	3 209 000	3 099 000	2 964 000	-2.63	-4.36
Sulfur	(t)	1 861 000	2 134 000	2 392 000	1 744 000	2 079 000	11.71	19.21
Hard-Coal	(t)	131 403 000	134 078 000	135 523 000	136 272 000	132 576 000	0.89	-2.71
Lignite	(t)	68 149 000	66 782 000	63 545 000	63 845 000	63 197 000	-7.27	-1.01
Nat.Gas (Mio m ³)		4 595	4 319	4 718	4 608	4 500	-2.07	-2.34
Oil	(t)	178 000	197 000	176 000	317 000	181 030	1.70	-42.89

Remarks:

1993 : 195 Mio m³ methane anthrazit byproduct

1994 : 206 Mio m³ methane anthrazit byproduct

1995 : 247 Mio m³ methane anthrazit byproduct

Abbreviations: see Explanation; **Abkürzungen:** siehe Einleitende Bemerkungen

Portugal

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	6 114	5 409	5 417	7 876	7 933	29.75	0.72
Tungsten	(t)	768	60	873	776	1 029	33.98	32.60
Arsenic	(t)	150	0	0	0	0	-100.00	.
Copper	(t)	150 431	130 225	130 041	107 773	106 580	-29.15	-1.11
Lead	(t)	100	100	100	90	0	-100.00	-100.00
Lithium	(t)	266	170	131	114	86	-67.67	-24.56
Tin	(t)	5 334	4 332	4 627	4 637	3 566	-33.15	-23.10
Silver	(kg)	36 000	32 000	38 600	33 700	33 900	-5.83	0.59
Baryte	(t)	0	50	0	100	0	.	-100.00
Diatomite	(t)	1 860	2 150	1 780	1 550	1 540	-17.20	-0.65
Feldspar	(t)	90 547	92 440	98 269	98 596	96 000	6.02	-2.63
Gypsum	(t)	495 039	498 000	520 000	540 000	520 000	5.04	-3.70
Kaolin	(t)	145 157	170 000	180 000	165 000	97 000	-33.18	-41.21
Salt	(t)	552 188	519 432	587 288	604 396	595 997	7.93	-1.39
Talc	(t)	9 054	8 367	8 706	8 277	7 831	-13.51	-5.39
Hard-Coal	(t)	197 278	147 154	150 000	150 000	100 000	-49.31	-33.33
Uranium	(t)	38	28	22	17	17	-55.26	0.00

Puerto Rico

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Salt	(t)	37 000	37 500	37 500	37 000	36 500	-1.35	-1.35

Qatar

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Sulfur	(t)	70 199	62 300	53 900	53 000	50 000	-28.77	-5.66
Nat.Gas (Mio m3)		11 376	14 000	11 659	10 600	13 700	20.43	29.25
Oil	(t)	21 700 000	21 600 000	24 305 861	24 900 000	25 100 000	15.67	0.80

Ras Al-Khaimah (UAE)

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Oil	(t)	50 000	50 000	24 000	46 700	46 800	-6.40	0.21

Romania

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	169 000	165 050	159 000	159 250	110 373	-34.69	-30.69
Manganese	(t)	26 250	27 195	26 245	29 442	20 647	-21.34	-29.87
Bauxite	(t)	184 500	184 000	175 000	175 800	117 100	-36.53	-33.39
Copper	(t)	26 653	20 100	19 088	18 149	17 419	-34.65	-4.02
Lead	(t)	8 594	8 545	6 213	6 285	6 191	-27.96	-1.50
Zinc	(t)	14 831	14 570	19 500	17 350	19 200	29.46	10.66
Gold	(kg)	589	596	539	518	500	-15.11	-3.47
Silver	(kg)	28 236	25 120	14 697	15 041	18 000	-36.25	19.67
Baryte	(t)	12 050	10 470	13 935	12 520	12 500	3.73	-0.16
Bentonite	(t)	38 526	36 140	39 000	37 900	37 500	-2.66	-1.06
Diatomite	(t)	19 700	10 140	14 450	9 530	9 000	-54.31	-5.56
Feldspar	(t)	21 000	30 900	30 920	34 975	35 000	66.67	0.07
Graphite	(t)	1 620	2 070	2 180	2 930	3 000	85.19	2.39
Kaolin	(t)	47 863	47 570	49 000	45 200	45 000	-5.98	-0.44
Salt	(t)	2 188 642	2 012 000	2 489 300	2 688 900	2 800 000	27.93	4.13
Sulfur	(t)	225 000	150 000	130 000	120 000	110 000	-51.11	-8.33
Talc	(t)	9 050	9 000	10 000	10 250	10 400	14.92	1.46
Hard-Coal	(t)	4 227 500	4 789 400	4 900 000	5 338 900	4 300 000	1.71	-19.46
Lignite	(t)	35 523 900	35 404 300	35 671 100	36 326 000	29 000 000	-18.36	-20.17
Nat.Gas (Mio m3)		21 190	22 000	19 026	18 165	18 000	-15.05	-0.91
Oil	(t)	6 673 000	6 700 000	6 700 033	6 610 000	6 700 000	0.40	1.36

Russia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	41 250 000	40 319 400	43 065 000	39 655 000	38 940 000	-5.60	-1.80
Chromium	(t)	54 000	54 000	67 500	43 515	65 250	20.83	49.95
Cobalt	(t)	2 500	3 000	3 300	3 500	3 300	32.00	-5.71
Molybdenum	(t)	4 800	4 800	4 500	4 000	4 000	-16.67	0.00
Nickel	(t)	196 400	215 000	200 000	190 000	260 000	32.38	36.84
Titanium	(t)	10 000	10 000	16 000	21 000	26 000	160.00	23.81
Tungsten	(t)	3 500	2 000	2 000	600	500	-85.71	-16.67
Vanadium	(t)	11 603	10 000	10 500	10 000	11 000	-5.20	10.00
Aluminium	(t)	2 800 800	2 670 000	2 790 000	2 150 000	2 380 000	-15.02	10.70
Antimony	(t)	6 000	7 000	6 500	7 000	6 000	0.00	-14.29
Arsenic	(t)	2 000	2 000	1 500	1 500	1 500	-25.00	0.00
Bauxite	(t)	4 260 000	3 633 000	3 000 000	3 000 000	3 350 000	-21.36	11.67
Bismuth	(t)	0	0	50	50	50	.	0.00
Cadmium	(t)	742	582	725	730	790	6.47	8.22
Copper	(t)	594 000	545 500	591 000	620 000	505 000	-14.98	-18.55
Germanium	(t)	10	10	9	9	8	-20.00	-11.11

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Lead	(t)	44 400	40 000	38 000	30 000	20 000	-54.95	-33.33
Lithium	(t)	1 600	1 600	800	800	800	-50.00	0.00
Mercury	(t)	60	50	40	40	40	-33.33	0.00
Tin	(t)	7 700	5 000	9 000	8 000	7 500	-2.60	-6.25
Zinc	(t)	224 600	200 000	200 000	199 000	121 000	-46.13	-39.20
Gold	(kg)	149 464	142 578	131 938	123 347	123 000	-17.71	-0.28
Platinum	(kg)	74 000	58 000	50 000	20 000	17 000	-77.03	-15.00
Silver	(kg)	700 000	800 000	800 000	750 000	700 000	0.00	-6.67
Asbestos	(t)	1 000 000	1 000 000	800 000	800 000	700 000	-30.00	-12.50
Baryte	(t)	0	0	70 000	70 000	70 000	.	0.00
Bentonite	(t)	1 600 000	1 500 000	1 400 000	1 400 000	1 300 000	-18.75	-7.14
Diam. (Gem)	(c)	8 000 000	8 560 000	8 500 000	9 250 000	9 550 000	19.38	3.24
Diam. (Ind)	(c)	8 000 000	8 560 000	8 500 000	9 250 000	9 550 000	19.38	3.24
Feldspar	(t)	70 000	70 000	55 000	55 000	75 000	7.14	36.36
Fluorspar	(t)	70 000	60 000	137 500	137 500	137 500	96.43	0.00
Graphite	(t)	10 000	8 000	7 500	7 000	6 800	-32.00	-2.86
Gypsum	(t)	1 500 000	1 200 000	1 000 000	700 000	650 000	-56.67	-7.14
Kaolin	(t)	1 000 000	1 000 000	1 000 000	1 500 000	1 500 000	50.00	0.00
Magnesite	(t)	800 000	800 000	1 200 000	1 300 000	600 000	-25.00	-53.85
Perlite	(t)	100 000	100 000	100 000	90 000	80 000	-20.00	-11.11
Phosphate	(t)	3 622 000	3 000 000	1 275 000	1 081 500	1 080 000	-70.18	-0.14
Potash	(t)	2 597 000	2 800 000	2 800 000	2 700 000	3 400 000	30.92	25.93
Salt	(t)	3 500 000	3 500 000	3 400 000	2 000 000	1 600 000	-54.29	-20.00
Sulfur	(t)	2 100 000	1 830 000	1 900 000	2 500 000	3 000 000	42.86	20.00
Talc	(t)	350 000	300 000	300 000	280 000	250 000	-28.57	-10.71
Vermiculite	(t)	50 000	50 000	40 000	40 000	35 000	-30.00	-12.50
Hard-Coal	(t)	200 000 000	180 700 000	170 500 000	194 900 000	161 000 000	-19.50	-17.39
Lignite	(t)	100 000 000	90 300 000	91 700 000	60 100 000	83 000 000	-17.00	38.10
Nat.Gas (Mio m3)		606 550	565 420	595 400	587 657	571 000	-5.86	-2.83
Oil	(t)	391 000 000	316 000 000	325 990 625	301 000 000	346 576 400	-11.36	15.14
Oil-Shale	(t)	7 000 000	7 000 000	2 300 000	2 200 000	2 000 000	-71.43	-9.09
Uranium	(t)	3 420	3 000	2 250	2 400	2 000	-41.52	-16.67

Rwanda

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Tantalum-Col.	(t)	100	100	100	99	256	156.00	158.59
Tungsten	(t)	150	65	85	104	78	-48.00	-25.00
Tin	(t)	0	0	0	208	0	.	-100.00
Zinc	(t)	0	0	0	0	149	.	.
Gold	(kg)	800	800	750	400	130	-83.75	-67.50

Remarks:

Tin: 1993, 1994, 1995, 1997 n.a.

Saudi Arabia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	0	0	155 000	139 160	110 000	.	-20.95
Copper	(t)	925	919	814	786	703	-24.00	-10.56
Zinc	(t)	542	500	386	380	619	14.21	62.89
Gold	(kg)	7 519	7 630	8 137	7 692	7 260	-3.44	-5.62
Silver	(kg)	17 990	16 990	17 681	16 536	16 900	-6.06	2.20
Baryte	(t)	0	0	0	8 000	10 000	.	25.00
Feldspar	(t)	0	0	11 000	10 000	9 000	.	-10.00
Gypsum	(t)	326 661	375 000	370 000	429 200	440 000	34.70	2.52
Kaolin	(t)	0	0	30 000	7 000	5 000	.	-28.57
Salt	(t)	0	0	91 000	128 000	135 000	.	5.47
Sulfur	(t)	1 500 000	1 600 000	1 000 000	1 500 000	1 600 000	6.67	6.67
Nat.Gas (Mio m3)		36 186	37 995	40 661	43 910	43 000	18.83	-2.07
Oil	(t)	425 071 438	402 800 000	402 800 000	400 900 000	415 900 000	-2.16	3.74

Remarks:

Pb figures not further published.

Senegal

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	0	0	0	567	600	.	5.82
Phosphate	(t)	734 010	617 100	574 992	628 140	593 560	-19.13	-5.51
Salt	(t)	117 400	117 000	25 100	57 000	50 000	-57.41	-12.28
Nat.Gas (Mio m3)		0	0	0	50	60	.	20.00

Seychellen

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Guano	(t)	1 000	1 000	1 000	900	900	-10.00	0.00

Sharjah (UAE)

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Nat.Gas (Mio m3)		6 201	6 000	4 000	4 500	4 500	-27.43	0.00
Oil	(t)	417 143	417 268	240 000	391 100	395 400	-5.21	1.10

Sierra Leone

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Titanium	(t)	184 636	171 009	174 901	160 000	150 000	-18.76	-6.25
Bauxite	(t)	1 793 200	735 000	728 000	700 000	600 000	-66.54	-14.29
Gold	(kg)	135	125	130	588	400	196.30	-31.97
Diam. (Gem)	(c)	105 231	170 850	142 710	180 962	69 680	-33.78	-61.49
Diam. (Ind)	(c)	52 620	84 150	76 150	89 130	34 320	-34.78	-61.49

Remarks:

1996 : Sierra Rutile and Sierra Leone Ore have been shut down

Singapore

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Sulfur	(t)	60 000	60 000	0	0	0	-100.00	.

Remarks:

Sulfur recovered

Slovakia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	162 740	289 400	261 027	256 000	264 174	62.33	3.19
Aluminium	(t)	40 000	32 800	60 561	70 000	110 100	175.25	57.29
Copper	(t)	1 121	570	400	913	691	-38.36	-24.32
Gold	(kg)	148	365	476	470	456	208.11	-2.98
Silver	(kg)	0	332	372	367	356	.	-3.00
Baryte	(t)	27 239	39 765	41 600	45 600	18 500	-32.08	-59.43
Bentonite	(t)	0	45 700	52 500	76 000	77 000	.	1.32
Diatomite	(t)	0	5 300	5 000	4 500	3 000	.	-33.33
Kaolin	(t)	13 900	24 100	13 300	17 000	24 500	76.26	44.12
Magnesite	(t)	1 131 350	989 740	814 500	825 000	868 000	-23.28	5.21
Perlite	(t)	22 000	18 900	18 200	27 000	25 000	13.64	-7.41
Salt	(t)	98 300	99 600	99 600	103 200	97 000	-1.32	-6.01
Talc	(t)	31 700	30 900	26 000	26 200	26 000	-17.98	-0.76
Lignite	(t)	3 700 000	4 078 240	3 759 572	3 829 062	3 914 000	5.78	2.22
Nat.Gas (Mio m3)		200	200	345	317	289	44.50	-8.83
Oil	(t)	52 000	67 078	74 300	71 314	64 480	24.00	-9.58

Slovenia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Aluminium	(t)	75 000	74 282	35 595	100 316	74 400	-0.80	-25.83
Lead	(t)	913	524	0	0	0	-100.00	.
Mercury	(t)	9	0	4	0	0	-100.00	.
Zinc	(t)	1 682	1 819	0	0	0	-100.00	.
Kaolin	(t)	610	3 562	0	0	0	-100.00	.
Lignite	(t)	5 131 993	4 854 000	4 883 700	4 668 080	5 000 000	-2.57	7.11
Nat.Gas (Mio m3)		17	13	18	13	15	-11.76	15.38
Oil	(t)	2 079	1 716	1 858	1 405	1 900	-8.61	35.23

Remarks:

1994 : Mercury: 251 kg; Mine is in the phase of closing down.

Solomon Islands

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gold	(kg)	30	31	31	30	28	-6.67	-6.67
Silver	(kg)	5	9	9	8	5	0.00	-37.50

Remarks:

Au purchased; Ag refined

Somalia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	1 000	1 000	1 000	900	800	-20.00	-11.11
Salt	(t)	7 000	5 000	4 000	3 500	3 000	-57.14	-14.29

South Africa, Rep. of

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	19 100 360	21 008 790	20 908 365	18 497 940	19 920 000	4.29	7.69
Chromium	(t)	1 220 359	1 547 773	2 337 667	2 137 506	2 468 629	102.29	15.49
Cobalt	(t)	243	258	190	244	319	31.28	30.74
Manganese	(t)	1 002 675	1 226 000	1 392 740	1 393 229	1 341 884	33.83	-3.69
Nickel	(t)	29 868	30 135	29 602	33 861	34 830	16.61	2.86
Titanium	(t)	550 000	550 000	830 000	930 000	1 040 000	89.09	11.83
Vanadium	(t)	16 800	16 000	15 500	14 800	16 000	-4.76	8.11

Aluminium	(t)	175 667	172 111	233 000	617 000	682 900	288.75	10.68
Antimony	(t)	4 111	4 534	5 537	5 137	3 415	-16.93	-33.52
Copper	(t)	166 348	165 213	159 475	152 062	153 058	-7.99	0.65
Lead	(t)	100 171	95 824	87 965	88 613	83 114	-17.03	-6.21
Rare Earths	(t)	1 250	700	300	0	0	-100.00	.
Tin	(t)	452	43	0	0	0	-100.00	.
Zinc	(t)	77 096	76 361	70 240	76 853	71 062	-7.83	-7.54
Gold	(kg)	619 325	579 295	524 640	496 846	491 500	-20.64	-1.08
Platinum	(kg)	176 167	164 806	184 331	188 636	196 466	11.52	4.15
Silver	(kg)	192 418	195 754	172 912	168 689	143 968	-25.18	-14.65
Asbestos	(t)	103 994	92 130	89 406	56 900	49 986	-51.93	-12.15
Baryte	(t)	2 000	1 945	6 048	7 423	2 071	3.55	-72.10
Bentonite	(t)	50 441	71 773	70 927	48 076	33 326	-33.93	-30.68
Diam. (Gem)	(c)	4 129 600	4 341 461	3 933 856	3 978 700	4 016 552	-2.74	0.95
Diam. (Ind)	(c)	6 194 425	6 512 192	5 900 785	5 968 050	6 024 828	-2.74	0.95
Diatomite	(t)	600	600	500	400	350	-41.67	-12.50
Feldspar	(t)	43 400	37 156	49 224	53 644	59 688	37.53	11.27
Fluorspar	(t)	217 778	174 258	195 794	202 018	206 765	-5.06	2.35
Gypsum	(t)	284 389	304 377	299 975	340 688	365 279	28.44	7.22
Kaolin	(t)	147 349	131 863	146 527	146 496	120 148	-18.46	-17.99
Magnesite	(t)	67 403	71 726	84 289	71 358	76 699	13.79	7.48
Perlite	(t)	328	914	1 338	682	650	98.17	-4.69
Phosphate	(t)	900 000	1 190 000	2 790 000	2 790 000	2 732 000	203.56	-2.08
Potash	(t)	0	0	2 400	0	0	.	.
Salt	(t)	612 629	414 463	313 465	248 110	320 000	-47.77	28.98
Sulfur	(t)	575 468	488 716	458 962	476 235	466 192	-18.99	-2.11
Talc	(t)	13 085	13 709	14 730	18 537	23 184	77.18	25.07
Vermiculite	(t)	213 847	223 478	221 748	186 082	211 001	-1.33	13.39
Zircon	(t)	225 000	230 000	250 000	346 500	265 000	17.78	-23.52
Hard-Coal	(t)	182 276 177	195 805 440	204 275 895	206 362 033	218 617 320	19.94	5.94
Uranium	(t)	2 008	1 906	1 699	1 706	1 324	-34.06	-22.39

Spain

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	1 113 750	917 000	944 000	1 269 000	580 000	-47.92	-54.29
Aluminium	(t)	364 256	338 000	361 000	361 826	359 900	-1.20	-0.53
Cadmium	(t)	330	360	397	297	301	-8.79	1.35
Copper	(t)	3 518	4 940	22 359	38 397	38 281	988.15	-0.30
Lead	(t)	25 000	24 000	30 000	24 000	23 000	-8.00	-4.17
Mercury	(t)	643	345	620	862	413	-35.77	-52.09
Tin	(t)	2	5	2	2	4	100.00	100.00
Zinc	(t)	170 000	150 000	172 000	145 000	147 000	-13.53	1.38
Gold	(kg)	6 083	5 852	3 255	2 763	1 824	-70.01	-33.98
Silver	(kg)	159 000	132 000	102 000	103 000	66 000	-58.49	-35.92
Baryte	(t)	6 000	4 000	30 103	81 621	85 000	1316.67	4.14
Bentonite	(t)	162 000	148 663	150 000	120 199	120 000	-25.93	-0.17
Diatomite	(t)	49 200	70 000	28 271	34 122	35 000	-28.86	2.57
Feldspar	(t)	239 000	250 000	465 000	420 000	455 000	90.38	8.33
Fluorspar	(t)	87 000	100 000	112 000	117 000	120 000	37.93	2.56

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Gypsum	(t)	7 250 000	7 350 000	7 700 000	7 900 000	8 300 000	14.48	5.06
Kaolin	(t)	148 000	290 000	300 000	318 000	330 000	122.97	3.77
Magnesite	(t)	236 000	150 000	219 000	199 000	171 000	-27.54	-14.07
Potash	(t)	661 000	659 000	637 000	680 000	605 000	-8.47	-11.03
Salt	(t)	2 505 000	2 850 000	3 500 000	3 494 000	3 650 000	45.71	4.46
Sulfur	(t)	687 000	702 000	702 000	600 000	700 000	1.89	16.67
Talc	(t)	58 400	80 606	112 341	362 000	380 000	550.68	4.97
Hard-Coal	(t)	18 237 000	13 984 000	17 689 000	18 866 000	17 993 000	-1.34	-4.63
Lignite	(t)	13 347 000	15 499 000	10 775 000	9 604 000	8 462 000	-36.60	-11.89
Nat.Gas (Mio m3)		700	200	415	466	178	-74.57	-61.80
Oil	(t)	874 834	806 000	652 000	516 000	380 000	-56.56	-26.36
Uranium	(t)	216	363	334	346	350	62.04	1.16

Sri Lanka

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Titanium	(t)	34 500	34 312	32 000	36 030	21 940	-36.41	-39.11
Rare Earths	(t)	200	200	120	120	120	-40.00	0.00
Feldspar	(t)	8 000	6 595	6 500	6 000	2 010	-74.88	-66.50
Graphite	(t)	3 500	2 969	3 500	4 000	4 613	31.80	15.33
Kaolin	(t)	6 800	4 559	4 500	4 000	7 562	11.21	89.05
Phosphate	(t)	8 800	12 240	12 300	12 500	9 768	11.00	-21.86
Salt	(t)	122 000	120 000	120 000	125 000	126 000	3.28	0.80
Zircon	(t)	14 000	22 321	18 000	20 000	12 450	-11.07	-37.75

Sudan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Chromium	(t)	6 500	5 150	9 900	7 500	13 300	104.62	77.33
Gold	(kg)	1 868	2 346	3 367	3 100	5 634	201.61	81.74
Gypsum	(t)	913	1 900	1 800	2 000	9 212	908.98	360.60
Salt	(t)	47 000	91 000	59 780	60 000	60 000	27.66	0.00

Suriname

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Aluminium	(t)	30 100	26 700	28 100	26 000	23 100	-23.26	-11.15
Bauxite	(t)	3 156 100	3 200 000	3 502 132	4 000 000	3 877 000	22.84	-3.08
Oil	(t)	260 000	328 599	371 540	414 410	420 000	61.54	1.35

Swaziland

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Asbestos	(t)	33 860	26 720	28 570	26 000	25 000	-26.17	-3.85
Diam. (Gem)	(c)	12 340	12 000	12 000	12 800	13 000	5.35	1.56
Diam. (Ind)	(c)	49 346	40 000	40 000	51 200	52 000	5.38	1.56
Hard-Coal	(t)	49 644	227 730	171 670	128 970	180 000	262.58	39.57

Sweden

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	11 900 790	12 584 384	10 678 841	9 416 960	9 809 205	-17.58	4.17
Aluminium	(t)	82 400	83 900	95 170	100 000	99 000	20.15	-1.00
Arsenic	(t)	400	200	0	0	0	-100.00	.
Copper	(t)	88 909	79 384	83 603	71 554	86 610	-2.59	21.04
Lead	(t)	111 709	112 787	100 070	98 064	108 610	-2.77	10.75
Zinc	(t)	168 617	159 858	167 962	160 325	155 385	-7.85	-3.08
Gold	(kg)	6 548	6 364	6 528	6 100	6 777	3.50	11.10
Silver	(kg)	255 257	276 042	268 200	272 000	304 050	19.12	11.78
Feldspar	(t)	59 000	55 000	50 000	55 000	41 400	-29.83	-24.73
Graphite	(t)	0	0	0	500	1 470	.	194.00
Sulfur	(t)	28 000	20 000	20 000	0	0	-100.00	.
Talc	(t)	20	25	25	30	25	25.00	-16.67
Oil	(t)	599	500	0	0	0	-100.00	.

Switzerland

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Aluminium	(t)	36 400	24 200	20 700	20 000	27 300	-25.00	36.50
Gypsum	(t)	299 430	298 700	321 800	312 940	293 828	-1.87	-6.11
Salt	(t)	231 000	262 000	413 000	464 000	415 400	79.83	-10.47
Nat.Gas (Mio m3)		2	1	0	0	0	-100.00	.

Syria

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	299 812	301 600	300 000	358 438	329 910	10.04	-7.96
Phosphate	(t)	283 800	366 559	400 000	656 352	741 173	161.16	12.92
Salt	(t)	65 508	77 431	78 000	72 415	66 975	2.24	-7.51
Sulfur	(t)	17 758	14 815	15 000	15 000	0	-100.00	-100.00

Nat.Gas (Mio m3)	2 123	2 301	2 902	2 930	3 000	41.31	2.39
Oil (t)	29 326 280	28 102 991	31 947 082	31 700 000	29 500 000	0.59	-6.94

Taiwan

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Feldspar (t)	2 102	854	0	0	0	-100.00	.
Gypsum (t)	3 182	2 886	0	0	0	-100.00	.
Kaolin (t)	197 939	102 160	100 000	102 000	100 000	-49.48	-1.96
Salt (t)	390 344	414 712	400 000	410 000	420 000	7.60	2.44
Sulfur (t)	153 076	154 778	150 000	152 000	153 000	-0.05	0.66
Talc (t)	5 015	4 290	4 000	3 800	3 600	-28.22	-5.26
Hard-Coal (t)	327 978	285 099	234 965	147 497	98 203	-70.06	-33.42
Nat.Gas (Mio m3)	826	866	889	874	849	2.78	-2.86
Oil (t)	63 268	62 787	62 000	0	0	-100.00	.

Tajikistan

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Tungsten (t)	150	150	100	75	50	-66.67	-33.33
Aluminium (t)	253 000	250 000	230 000	198 000	188 900	-25.34	-4.60
Antimony (t)	1 200	1 000	800	500	600	-50.00	20.00
Bismuth (t)	16	10	8	8	7	-56.25	-12.50
Lead (t)	1 600	1 200	1 000	1 000	900	-43.75	-10.00
Mercury (t)	80	70	60	60	50	-37.50	-16.67
Gold (kg)	400	1 500	1 000	1 500	2 550	537.50	70.00
Gypsum (t)	400 000	300 000	250 000	250 000	230 000	-42.50	-8.00
Hard-Coal (t)	200 000	200 000	200 000	150 000	100 000	-50.00	-33.33
Nat.Gas (Mio m3)	50	37	30	43	40	-20.00	-6.98
Oil (t)	39 000	38 000	38 000	30 000	28 000	-28.21	-6.67

Remarks:

Au production expanding through joint venture.

Tanzania

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Tin (t)	9	6	3	0	0	-100.00	.
Gold (kg)	2 696	280	320	318	315	-88.32	-0.94
Silver (kg)	472	0	0	0	0	-100.00	.

Diam. (Gem)	(c)	34 720	19 182	42 107	51 000	42 500	22.41	-16.67
Diam. (Ind)	(c)	6 127	3 385	7 431	9 000	7 500	22.41	-16.67
Graphite	(t)	0	0	100	200	250	.	25.00
Gypsum	(t)	17 600	19 000	0	0	0	-100.00	.
Kaolin	(t)	477	520	596	1 332	1 000	109.64	-24.92
Phosphate	(t)	599	0	0	717	800	33.56	11.58
Salt	(t)	52 200	60 000	105 000	86 700	85 000	62.84	-1.96

Hard-Coal	(t)	40 248	42 000	43 200	52 000	100 000	148.46	92.31
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Thailand

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	129 500	88 533	34 480	85 880	44 000	-66.02	-48.77
Manganese	(t)	2 900	2 900	3 478	3 095	3 500	20.69	13.09
Titanium	(t)	10 950	950	0	0	0	-100.00	.
Tungsten	(t)	105	116	92	67	54	-48.57	-19.40
Antimony	(t)	908	696	522	149	64	-92.95	-57.05
Lead	(t)	5 978	7 859	9 576	8 686	5 040	-15.69	-41.98
Rare Earths	(t)	220	65	50	0	0	-100.00	.
Tin	(t)	4 581	2 827	1 585	1 049	756	-83.50	-27.93
Zinc	(t)	89 152	69 928	27 040	36 247	18 200	-79.59	-49.79
Gold	(kg)	0	96	103	32	30	.	-6.25
Baryte	(t)	24 385	31 096	21 134	20 404	36 832	51.04	80.51
Bentonite	(t)	2 780	5 125	8 285	9 000	3 200	15.11	-64.44
Diatomite	(t)	8 290	6 874	5 591	1 576	2 000	-75.87	26.90
Feldspar	(t)	568 339	528 027	660 563	662 200	536 000	-5.69	-19.06
Fluorspar	(t)	48 387	23 705	24 144	17 247	7 826	-83.83	-54.62
Gypsum	(t)	7 454 806	8 139 817	8 533 225	9 251 580	8 557 000	14.79	-7.51
Kaolin	(t)	397 330	417 064	460 629	553 770	367 000	-7.63	-33.73
Phosphate	(t)	2 691	1 935	2 000	3 528	4 000	48.64	13.38
Salt	(t)	261 612	287 806	380 511	529 674	555 000	112.15	4.78
Talc	(t)	50 411	45 000	80 541	71 668	30 500	-39.50	-57.44
Zircon	(t)	707	326	0	5	10	-98.59	100.00
Hard-Coal	(t)	22 000	22 000	0	0	0	-100.00	.
Lignite	(t)	15 592 359	17 099 654	18 418 738	21 685 894	23 443 000	50.35	8.10
Nat. Gas (Mio m3)		8 528	10 726	10 400	10 500	13 000	52.44	23.81
Oil	(t)	1 302 714	1 309 107	1 165 921	1 064 890	1 000 000	-23.24	-6.09

Togo

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Phosphate	(t)	557 144	782 666	946 920	1 013 600	983 554	76.53	-2.96

Trinidad and Tobago

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Nat.Gas (Mio m3)	6 170	6 500	7 762	8 100	8 000	29.66	-1.23
Oil (t)	6 380 000	6 300 000	6 803 502	7 000 000	6 800 000	6.58	-2.86

Tunisia

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron (t)	159 300	129 600	121 500	129 060	136 080	-14.58	5.44
Lead (t)	1 000	2 800	6 160	4 480	2 000	100.00	-55.36
Zinc (t)	2 000	15 930	47 763	34 220	5 000	150.00	-85.39
Silver (kg)	1 000	1 100	2 500	1 500	1 500	50.00	0.00
Baryte (t)	16 000	16 000	8 000	16 000	14 000	-12.50	-12.50
Fluorspar (t)	1 000	1 000	2 000	1 000	2 000	100.00	100.00
Gypsum (t)	200 000	200 000	180 000	180 000	160 000	-20.00	-11.11
Phosphate (t)	989 820	1 011 420	1 134 360	1 287 180	1 357 380	37.13	5.45
Salt (t)	450 000	528 000	319 000	557 000	437 000	-2.89	-21.54
Nat.Gas (Mio m3)	178	159	121	794	1 653	828.65	108.19
Oil (t)	4 641 000	4 364 000	4 215 000	4 183 000	3 793 000	-18.27	-9.32

Remarks:

1997 : Due to closures of some lead-zinc mines cutbacks of production

Turkey

	1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron (t)	2 433 600	3 867 271	3 303 888	4 205 498	4 112 421	68.99	-2.21
Chromium (t)	380 900	495 468	409 500	547 403	812 793	113.39	48.48
Aluminium (t)	58 501	59 700	61 500	62 100	62 000	5.98	-0.16
Antimony (t)	59	357	744	1 163	810	1272.88	-30.35
Bauxite (t)	538 439	373 381	232 278	285 570	210 548	-60.90	-26.27
Cadmium (t)	21	36	36	36	86	309.52	138.89
Copper (t)	23 879	29 891	33 700	53 607	39 675	66.15	-25.99
Lead (t)	10 900	9 800	2 500	12 000	12 000	10.09	0.00
Zinc (t)	35 000	35 100	35 000	50 000	32 000	-8.57	-36.00
Silver (kg)	60 000	69 000	88 000	72 800	75 669	26.12	3.94
Baryte (t)	118 367	57 429	100 751	155 000	140 840	18.99	-9.14
Bentonite (t)	456 597	516 187	605 499	400 000	519 487	13.77	29.87
Boron (t)	1 892 356	1 139 980	1 143 994	1 482 000	1 017 697	-46.22	-31.33
Feldspar (t)	366 166	502 608	760 250	500 000	500 000	36.55	0.00
Fluorspar (t)	882	6 671	8 873	4 828	5 000	466.89	3.56
Graphite (t)	19 500	20 000	20 000	20 000	19 000	-2.56	-5.00

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Gypsum	(t)	492 705	486 704	670 208	679 595	784 662	59.26	15.46
Kaolin	(t)	210 536	179 775	489 635	300 000	477 383	126.75	59.13
Magnesite	(t)	1 130 000	1 365 527	1 928 064	1 200 000	1 119 103	-0.96	-6.74
Perlite	(t)	147 864	250 000	371 058	175 000	134 349	-9.14	-23.23
Phosphate	(t)	21 822	0	0	0	0	-100.00	.
Salt	(t)	1 525 941	1 353 306	1 442 050	2 012 000	2 500 000	63.83	24.25
Sulfur	(t)	69 500	100 000	100 000	90 000	80 000	15.11	-11.11
Talc	(t)	4 000	4 000	3 500	3 000	3 200	-20.00	6.67
Hard-Coal	(t)	5 000 000	4 210 780	3 377 334	3 320 000	4 444 865	-11.10	33.88
Lignite	(t)	47 827 000	55 038 339	56 031 099	50 000 000	56 093 384	17.28	12.19
Nat.Gas (Mio m3)		210	199	182	204	200	-4.76	-1.96
Oil	(t)	3 894 000	3 684 648	3 515 689	3 500 193	3 427 814	-11.97	-2.07

Remarks:

Boron minerals: ROM

Turkmenistan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Bentonite	(t)	57 300	50 000	50 000	137 161	137 321	139.65	0.12
Gypsum	(t)	200 000	150 000	120 000	169 577	35 324	-82.34	-79.17
Salt	(t)	20 000	10 000	10 000	15 000	30 000	50.00	100.00
Sulfur	(t)	200 000	117 000	100 000	100 000	150 000	-25.00	50.00
Nat.Gas (Mio m3)		65 000	35 000	30 000	35 200	17 300	-73.38	-50.85
Oil	(t)	4 714 300	4 100 000	4 000 000	4 400 000	4 700 000	-0.30	6.82

Uganda

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Tungsten	(t)	60	65	65	60	40	-33.33	-33.33
Tin	(t)	18	5	5	5	4	-77.78	-20.00
Gold	(kg)	103	1 686	1 800	2 000	6 830	6531.07	241.50
Salt	(t)	4 000	4 000	3 500	3 000	2 500	-37.50	-16.67

Ukraine

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	45 500 000	51 464 000	50 400 000	47 600 000	53 000 000	16.48	11.34
Manganese	(t)	1 500 000	1 000 000	1 100 000	1 040 000	1 030 000	-31.33	-0.96
Nickel	(t)	2 500	2 396	2 200	500	0	-100.00	-100.00
Titanium	(t)	180 000	224 283	200 000	200 000	200 000	11.11	0.00
Aluminium	(t)	104 000	100 000	90 000	90 000	100 000	-3.85	11.11
Mercury	(t)	80	41	50	50	45	-43.75	-10.00

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Graphite	(t)	10 000	5 755	5 000	5 000	4 800	-52.00	-4.00
Potash	(t)	73 000	70 000	110 000	100 000	100 000	36.99	0.00
Salt	(t)	4 200 000	3 272 713	3 500 000	3 000 000	2 800 000	-33.33	-6.67
Sulfur	(t)	1 000 000	362 273	310 000	170 000	100 000	-90.00	-41.18
Zircon	(t)	70 000	50 000	65 000	65 000	55 000	-21.43	-15.38
Hard-Coal	(t)	90 000 000	85 000 000	80 000 000	67 200 000	73 900 000	-17.89	9.97
Lignite	(t)	5 000 000	4 148 000	3 600 000	3 100 000	2 000 000	-60.00	-35.48
Nat.Gas (Mio m3)		20 000	19 221	20 000	18 400	18 100	-9.50	-1.63
Oil	(t)	4 263 000	4 248 200	4 500 000	4 100 000	4 100 000	-3.82	0.00
Uranium	(t)	1 179	500	500	550	500	-57.59	-9.09

United Kingdom

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	253	299	230	276	276	9.09	0.00
Aluminium	(t)	239 099	231 200	238 000	240 000	247 700	3.60	3.21
Cadmium	(t)	0	0	549	537	455	.	-15.27
Lead	(t)	1 000	2 000	1 600	1 800	2 000	100.00	11.11
Tin	(t)	2 232	1 900	2 000	2 100	2 400	7.53	14.29
Baryte	(t)	55 000	54 000	85 000	93 000	74 000	34.55	-20.43
Bentonite	(t)	187 000	134 000	133 000	143 000	140 000	-25.13	-2.10
Diatomite	(t)	200	200	0	0	0	-100.00	.
Feldspar	(t)	6 956	8 000	8 000	7 500	7 000	0.63	-6.67
Fluorspar	(t)	70 000	50 000	55 000	65 000	67 000	-4.29	3.08
Gypsum	(t)	2 500 000	2 000 000	2 000 000	2 000 000	2 000 000	-20.00	0.00
Kaolin	(t)	2 577 160	2 530 000	2 586 000	2 281 000	2 400 000	-6.87	5.22
Potash	(t)	584 333	610 234	611 497	650 663	696 968	19.28	7.12
Salt	(t)	6 576 000	6 909 000	7 100 000	7 012 000	6 600 000	0.36	-5.88
Sulfur	(t)	202 000	205 000	205 000	200 000	150 000	-25.74	-25.00
Talc	(t)	5 000	5 000	4 000	5 000	6 000	20.00	20.00
Hard-Coal	(t)	68 199 000	48 971 000	52 630 000	50 196 000	48 600 000	-28.74	-3.18
Lignite	(t)	3 000	2 000	1 000	0	0	-100.00	.
Nat.Gas (Mio m3)		60 435	46 534	76 000	89 200	92 000	52.23	3.14
Oil	(t)	98 950 000	119 032 000	121 800 000	122 500 000	119 500 000	20.77	-2.45

Remarks:

1993 : Sulfur from oil refineries. Cadmium refined.

1994 : Kaolin: sales; crude oil without condensate; bentonite: fuller's earth.

1995 : Kaolin, fuller's earth=sales; crude oil without condensate, Cd=refined

United States

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	35 116 000	36 788 000	39 577 000	38 000 000	38 000 000	8.21	0.00
Molybdenum	(t)	36 803	46 810	60 877	54 900	55 500	50.80	1.09
Nickel	(t)	2 464	2 000	1 557	1 500	1 500	-39.12	0.00
Titanium	(t)	150 000	165 000	150 000	150 000	130 000	-13.33	-13.33

Tungsten	(t)	150	100	100	100	100	-33.33	0.00
Vanadium	(t)	5 118	1 500	1 991	2 700	2 500	-51.15	-7.41
Aluminium	(t)	3 695 000	3 299 000	3 375 000	3 577 000	3 600 000	-2.57	0.64
Antimony	(t)	0	0	0	242	240	.	-0.83
Bauxite	(t)	45 000	40 000	0	0	0	-100.00	.
Cadmium	(t)	1 094	1 011	1 266	1 525	1 750	59.96	14.75
Copper	(t)	1 310 847	1 323 038	1 310 625	1 344 862	1 920 000	46.47	42.77
Germanium	(t)	16	16	19	18	20	25.00	11.11
Lead	(t)	362 400	370 225	393 640	435 945	450 000	24.17	3.22
Lithium	(t)	4 500	4 000	4 000	4 000	3 500	-22.22	-12.50
Mercury	(t)	30	15	0	0	0	-100.00	.
Rare Earths	(t)	20 000	20 000	22 239	20 400	20 400	2.00	0.00
Tellurium	(t)	90	90	90	90	90	0.00	0.00
Tin	(t)	100	0	0	0	0	-100.00	.
Zinc	(t)	551 075	597 576	643 877	628 063	607 000	10.15	-3.35
Gold	(kg)	331 013	326 553	316 913	318 078	325 000	-1.82	2.18
Platinum	(kg)	8 834	8 398	6 842	7 940	10 800	22.25	36.02
Silver	(kg)	1 640 000	1 485 949	1 564 993	1 573 170	1 660 000	1.22	5.52
Asbestos	(t)	13 704	10 100	9 288	9 552	9 000	-34.33	-5.78
Baryte	(t)	315 000	583 000	543 000	661 926	700 000	122.22	5.75
Bentonite	(t)	2 868 439	3 290 708	3 817 853	3 738 310	3 700 000	28.99	-1.02
Boron	(t)	1 055 000	1 106 000	1 194 000	1 150 000	1 200 000	13.74	4.35
Diatomite	(t)	599 000	612 708	687 082	697 541	705 000	17.70	1.07
Feldspar	(t)	770 000	765 202	880 399	889 792	930 000	20.78	4.52
Fluorspar	(t)	60 000	49 000	51 000	27 900	20 000	-66.67	-28.32
Gypsum	(t)	15 812 000	17 200 000	16 587 000	17 500 000	17 000 000	7.51	-2.86
Kaolin	(t)	8 830 595	8 770 733	9 481 810	9 121 220	9 000 000	1.92	-1.33
Perlite	(t)	568 600	644 275	700 103	648 396	703 000	23.64	8.42
Phosphate	(t)	10 703 600	12 117 600	12 765 000	13 000 000	14 000 000	30.80	7.69
Potash	(t)	1 506 000	1 400 000	1 480 000	1 390 000	1 430 000	-5.05	2.88
Salt	(t)	39 702 000	39 845 000	42 150 000	42 200 000	41 700 000	5.03	-1.18
Sulfur	(t)	11 002 000	11 474 000	11 798 000	11 979 000	11 900 000	8.16	-0.66
Talc	(t)	967 880	934 725	1 058 650	994 314	1 060 000	9.52	6.61
Vermiculite	(t)	190 000	177 000	170 000	170 000	150 000	-21.05	-11.76
Zircon	(t)	109 000	125 000	100 000	100 000	80 000	-26.61	-20.00
Hard-Coal	(t)	776 483 000	857 675 000	856 019 000	883 390 320	908 400 000	16.99	2.83
Lignite	(t)	77 609 000	79 906 000	78 109 000	80 609 680	79 000 000	1.79	-2.00
Nat.Gas (Mio m3)		519 730	670 518	679 834	537 200	537 700	3.46	0.09
Oil	(t)	357 011 286	347 479 927	389 200 000	400 300 000	398 100 000	11.51	-0.55
Uranium	(t)	1 389	1 289	2 324	2 400	2 170	56.23	-9.58

Remarks:

1993 : V₂O₅ probably includes Venezuelan and other feedstocks.

Lithium, Titanium and Bauxite production figures withheld; estimated prod. figures.

Uruguay

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	0	0	735	845	2 210	.	161.54
Bentonite	(t)	0	0	140	58	60	.	3.45
Feldspar	(t)	2 280	2 870	5 099	2 006	3 229	41.62	60.97
Gypsum	(t)	217 474	90 317	90 000	95 000	90 000	-58.62	-5.26
Talc	(t)	1 020	913	863	800	914	-10.39	14.25

Uzbekistan

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Molybdenum	(t)	1 000	700	500	700	650	-35.00	-7.14
Tungsten	(t)	0	0	300	300	300	.	0.00
Bismuth	(t)	10	10	10	10	5	-50.00	-50.00
Copper	(t)	50 000	69 600	40 000	64 000	65 000	30.00	1.56
Lead	(t)	30 200	18 500	10 000	10 000	3 000	-90.07	-70.00
Zinc	(t)	30 000	18 000	15 000	12 000	3 000	-90.00	-75.00
Gold	(kg)	75 000	75 000	80 000	71 000	70 000	-6.67	-1.41
Feldspar	(t)	70 000	0	0	70 000	70 000	0.00	0.00
Fluorspar	(t)	90 000	80 000	80 000	80 000	90 000	0.00	12.50
Hard-Coal	(t)	4 700 000	4 000 000	3 100 000	2 844 000	3 130 000	-33.40	10.06
Nat.Gas (Mio m3)		45 000	37 260	47 000	49 000	51 200	13.78	4.49
Oil	(t)	2 806 000	2 500 000	5 000 000	7 600 000	7 891 000	181.22	3.83
Uranium	(t)	3 538	3 000	3 000	1 700	1 955	-44.74	15.00

Venezuela

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	10 628 775	11 535 922	12 274 920	13 130 460	15 775 200	48.42	20.14
Aluminium	(t)	570 000	590 000	637 000	629 268	640 800	12.42	1.83
Bauxite	(t)	2 530 336	4 667 420	5 183 000	5 109 122	5 500 000	117.36	7.65
Gold	(kg)	8 899	9 944	7 793	12 127	22 322	150.84	84.07
Diam. (Gem)	(c)	136 000	184 903	118 400	64 000	113 600	-16.47	77.50
Diam. (Ind)	(c)	274 751	273 346	177 600	96 000	170 400	-37.98	77.50
Feldspar	(t)	186 805	274 789	230 000	195 723	160 000	-14.35	-18.25
Gypsum	(t)	209 633	135 000	100 000	30 149	80 000	-61.84	165.35
Kaolin	(t)	31 975	10 000	6 000	8 472	5 000	-84.36	-40.98
Phosphate	(t)	0	17 201	39 000	60 900	87 300	.	43.35
Salt	(t)	450 000	450 000	460 000	460 000	450 000	0.00	-2.17
Sulfur	(t)	150 000	150 000	140 000	140 000	130 000	-13.33	-7.14

Hard-Coal	(t)	3 956 336	4 600 000	4 600 000	4 127 789	5 280 000	33.46	27.91
Nat.Gas (Mio m3)		24 400	25 000	25 000	30 200	28 000	14.75	-7.28
Oil	(t)	127 750 000	127 700 000	135 400 000	153 900 000	162 300 000	27.05	5.46

Viet Nam

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Chromium	(t)	1 500	1 500	1 400	1 300	1 300	-13.33	0.00
Titanium	(t)	9 000	22 500	36 000	36 000	35 000	288.89	-2.78
Tin	(t)	3 500	4 000	3 600	4 500	4 800	37.14	6.67
Graphite	(t)	500	400	400	300	200	-60.00	-33.33
Gypsum	(t)	30 000	25 000	25 000	22 000	300	-99.00	-98.64
Kaolin	(t)	800	700	700	600	500	-37.50	-16.67
Phosphate	(t)	120 000	150 000	150 000	160 000	160 000	33.33	0.00
Salt	(t)	550 000	550 000	500 000	450 000	400 000	-27.27	-11.11
Hard-Coal	(t)	5 500 000	6 100 000	7 200 000	8 000 000	10 700 000	94.55	33.75
Oil	(t)	6 200 000	5 600 000	7 849 854	8 300 000	8 500 000	37.10	2.41

Yemen, Republic of

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Gypsum	(t)	90 000	80 000	80 000	70 000	65 000	-27.78	-7.14
Salt	(t)	250 000	200 000	200 000	150 000	130 000	-48.00	-13.33
Oil	(t)	10 575 980	17 400 000	19 220 407	18 000 000	18 500 000	74.92	2.78

Yugoslavia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	110 000	84 900	96 200	150 000	150 000	36.36	0.00
Chromium	(t)	2 500	2 500	0	0	0	-100.00	.
Nickel	(t)	3 000	4 000	1 200	2 500	2 700	-10.00	8.00
Aluminium	(t)	25 778	6 850	26 000	51 100	80 600	212.67	57.73
Bauxite	(t)	75 000	40 000	150 000	323 000	470 000	526.67	45.51
Cadmium	(t)	80	70	70	60	80	0.00	33.33
Copper	(t)	78 000	94 500	87 575	82 526	82 500	5.77	-0.03
Lead	(t)	9 229	9 000	15 000	16 000	14 000	51.70	-12.50
Zinc	(t)	9 704	8 794	14 700	21 800	18 900	94.77	-13.30
Gold	(kg)	3 504	2 474	0	3 000	3 500	-0.11	16.67
Platinum	(kg)	82	80	6	3	3	-96.34	0.00
Silver	(kg)	25 144	18 298	31 100	68 300	42 600	69.42	-37.63

Asbestos	(t)	1 100	1 000	497	450	250	-77.27	-44.44
Bentonite	(t)	5 000	5 000	0	0	0	-100.00	.
Feldspar	(t)	5 000	5 000	5 441	4 801	5 000	0.00	4.14
Gypsum	(t)	45 000	43 000	40 342	44 257	45 000	0.00	1.68
Kaolin	(t)	37 627	30 000	56 926	60 000	60 000	59.46	0.00
Magnesite	(t)	55 000	68 000	75 000	89 000	98 000	78.18	10.11
Salt	(t)	38 867	30 000	20 000	15 000	20 000	-48.54	33.33
Sulfur	(t)	130 000	120 000	100 000	80 000	100 000	-23.08	25.00
Hard-Coal	(t)	73 491	82 000	57 000	63 000	92 000	25.19	46.03
Lignite	(t)	530 906	529 000	39 939	37 828	42 313	-92.03	11.86
Nat.Gas (Mio m3)		962	824	906	671	688	-28.48	2.53
Oil	(t)	1 146 000	1 078 000	1 066 000	1 030 000	979 000	-14.57	-4.95

Remarks:

Figures represent production of Serbia, Montenegro and Kosovo.

Zaire

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Cobalt	(t)	2 200	3 631	3 967	4 041	3 153	43.32	-21.97
Tantalum-Col.	(t)	30	30	20	10	10	-66.67	0.00
Cadmium	(t)	12	0	0	0	0	-100.00	.
Copper	(t)	47 500	30 000	35 512	38 900	37 700	-20.63	-3.08
Rare Earths	(t)	60	28	30	10	5	-91.67	-50.00
Tin	(t)	700	100	0	0	0	-100.00	.
Zinc	(t)	10 000	600	4 518	3 162	1 200	-88.00	-62.05
Gold	(kg)	1 500	780	1 180	1 252	394	-73.73	-68.53
Silver	(kg)	10 000	10 000	9 000	9 000	1 000	-90.00	-88.89
Diam. (Gem)	(c)	3 125 200	3 250 400	4 404 800	4 448 000	3 000 000	-4.01	-32.55
Diam. (Ind)	(c)	12 500 800	13 001 600	17 619 200	17 792 000	12 000 000	-4.01	-32.55
Sulfur	(t)	8 000	8 000	7 000	7 000	6 000	-25.00	-14.29
Oil	(t)	1 172 000	1 300 000	1 200 000	1 200 000	1 000 000	-14.68	-16.67

Remarks:

1994 : Closure of all unprofitable zinc mines

Zambia

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Cobalt	(t)	4 797	3 705	2 482	5 126	5 126	6.86	0.00
Copper	(t)	367 500	380 000	299 900	324 200	315 700	-14.10	-2.62
Lead	(t)	5 967	1 000	0	0	0	-100.00	.
Zinc	(t)	19 737	1 000	0	0	0	-100.00	.
Gold	(kg)	266	200	124	119	91	-65.79	-23.53
Silver	(kg)	18 100	12 100	10 000	8 676	6 900	-61.88	-20.47

Feldspar	(t)	100	0	0	0	0	-100.00	.
Sulfur	(t)	32 292	30 000	30 000	25 000	22 000	-31.87	-12.00
Talc	(t)	150	350	380	380	350	133.33	-7.89
Hard-Coal	(t)	301 496	160 000	0	98 500	98 000	-67.50	-0.51

Remarks:

1995 : Lead and zinc mines were closed in June 1994!

Zimbabwe

		1993	1994	1995	1996	1997	Change 1993/1997	Change 1996/1997
Iron	(t)	224 696	210 000	186 811	194 365	287 419	27.91	47.88
Chromium	(t)	113 415	231 300	318 345	296 287	301 390	165.74	1.72
Cobalt	(t)	113	126	189	106	126	11.50	18.87
Nickel	(t)	11 097	13 800	10 864	9 694	10 134	-8.68	4.54
Tantalum-Col.	(t)	48	7	0	0	0	-100.00	.
Tungsten	(t)	0	0	0	0	2	.	.
Antimony	(t)	95	65	37	15	0	-100.00	-100.00
Copper	(t)	8 187	9 400	8 045	9 028	6 832	-16.55	-24.32
Lithium	(t)	452	700	837	773	1 246	175.66	61.19
Tin	(t)	657	82	0	0	0	-100.00	.
Gold	(kg)	18 565	20 564	23 959	24 699	24 225	30.49	-1.92
Platinum	(kg)	15	0	0	7	34	126.67	385.71
Silver	(kg)	12 004	10 942	15 640	9 982	5 923	-50.66	-40.66
Asbestos	(t)	156 881	151 846	169 487	165 494	160 560	2.35	-2.98
Baryte	(t)	120	0	500	1 150	1 217	914.17	5.83
Diam. (Gem)	(c)	13 155	45 205	67 088	131 180	126 392	860.79	-3.65
Diam. (Ind)	(c)	30 695	105 478	156 540	306 086	294 915	860.79	-3.65
Feldspar	(t)	1 553	1 617	3 920	3 248	2 254	45.14	-30.60
Graphite	(t)	7 142	8 729	11 381	7 691	12 779	78.93	66.16
Kaolin	(t)	0	462	57	0	0	.	.
Magnesite	(t)	6 276	1 588	5 597	10 659	13 050	107.93	22.43
Phosphate	(t)	46 040	45 900	46 345	36 789	31 687	-31.18	-13.87
Sulfur	(t)	30 487	29 831	30 000	30 000	25 000	-18.00	-16.67
Talc	(t)	1 349	2 049	2 080	1 076	1 023	-24.17	-4.93
Vermiculite	(t)	5 032	8 184	13 742	10 249	14 841	194.93	44.80
Hard-Coal	(t)	5 284 734	4 566 437	4 743 486	5 174 685	5 300 749	0.30	2.44

