

WORLD MINING DATA

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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And Mining Methods

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bergbauspezifische Daten

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WELT-BERGBAU-DATEN 2000

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&
G. Zsak

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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, Tongo, 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 up to 1994, Finland up to 1994, Iceland, Liechtenstein, Norway, Sweden up to 1994, Switzerland

EU: European Communities

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

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 (1971), Austria (1996), Belgium (1949), Canada (1960), Czech Republic (1995), Denmark (1949), Germany, Federal Republic (1949), Finland (1969), France (1964), Greece (1964), Hungary (1996), Iceland (1964), Ireland (1964), Italy (1964), Japan (1964), Korea Rep. (1996), Luxemburg (1964), Mexico (1994), Netherlands (1996), New Zealand (1973), Norway (1996), Poland (1996), Portugal (1959), Spain (1959), Sweden (1959), Switzerland (1959), Turkey (1996), United Kingdom (1964), United States (1960)

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 1999 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 29, 2000

Data received after February 29, 2000 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
Industriemineralien, 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

Industriemineralien, Steine und Erden:

Asbest, Baryt, Bentonit, Bormineralien, Diamant (Schmuck- bzw. Industriediamant), Diatomit, Feldspat, Flußspat, Gips und Anhydrit, Graphit, 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^o 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.	kg
Platin	Pt-Metalle	kg
Silber	Ag-Inh.	kg

Industriemineralien, Steine und Erden:

Asbest	Fasergehalt	metr.t
Baryt		metr.t
Bentonit		metr.t
Borminerale		metr.t
Schmuckdiamant		Karat
Industriediamant		Karat
Diatomit		metr.t

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

Energierohstoffe:

Steinkohle u. Anthrazit		metr.t
Braunkohle		metr.t
Uran	U ₃ O ₈	metr.t
Erdöl	Rohöl	metr.t
Naturgas		Mio m ³
Ölschiefer		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, Aserbaidshan, 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, Mauretanien, 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 (bis 1994), Island, Liechtenstein, Norwegen, Österreich (bis 1994), Schweden (bis 1994), Schweiz

EU-Länder (Europäische Gemeinschaften)

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

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 (1971), Belgien (1949), Dänemark (1949), Bundesrepublik Deutschland (1949), Finnland (1969), Frankreich (1964), Griechenland (1964), Island (1964), Irland (1964), Italien (1964), Japan (1964), Kanada (1960), Republik Korea (1996), Luxemburg (1964), Mexiko (1994), Niederlande (1996), Neu Seeland (1973), Norwegen (1996), Österreich (1996), Polen (1996), Portugal (1959), Spanien (1959), Schweden (1959), Schweiz (1959), Tschechische Republik (1995), Türkei (1996), Ungarn (1996), USA (1960), Vereinigtes Königreich (1964)

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 usf. 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 1999.

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: 29. Februar 2000

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 *)	2 191 832 128
Asia	2 790 533 075	2 690 369 627	3 017 016 752	4 415 253 107 *)	3 504 801 743
Australia	393 757 257	412 532 157	425 114 819	431 346 606	435 139 558
Africa	566 983 743	596 350 239	610 103 141	597 706 955	602 473 538
South-America	562 685 160	584 201 730	605 856 886	610 157 634	624 115 088
North-America	1 643 608 513	1 668 098 400	1 638 356 731	1 620 678 324	1 578 954 757
Total	9 198 795 100	8 959 276 452	8 943 982 886	8 890 424 373	8 937 316 811
	1994	1995	1996	1997	1998
Europe	2 062 299 941	2 057 761 350	2 009 266 490	2 029 269 143	1 963 886 768
Asia	3 404 906 450	3 634 733 557	3 707 302 444	3 763 832 973	3 725 939 842
Australia	454 807 465	464 234 834	452 631 794	489 228 071	537 834 695
Africa	613 833 979	631 088 219	639 158 749	657 500 841	641 630 692
South-America	661 936 418	695 148 607	755 399 958	789 017 054	809 984 620
North-America	1 668 426 141	1 725 688 842	1 771 907 473	1 805 071 027	1 805 855 606
Total	8 866 210 394	9 208 655 408	9 335 666 909	9 533 919 108	9 485 132 223

*) 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	2 295 481 301	2 214 785 584	2 441 712 837	2 439 102 122	2 516 073 516
LDC	33 031 058	31 628 337	43 605 200	41 481 685	42 538 878
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	3 240 449 681	1 496 159 097	1 704 564 493
NRC	0	0	6 928 707	1 746 275 007	1 577 837 260
Total	9 198 795 100	8 959 276 452	8 943 982 886	8 890 424 373	8 937 316 811
	1994	1995	1996	1997	1998
DC	2 561 023 728	2 618 617 281	2 726 470 294	2 839 125 581	2 865 873 702
LDC	49 527 425	48 691 818	46 937 814	52 798 513	50 267 110
WIC	3 222 988 721	3 305 481 829	3 343 804 095	3 416 016 093	3 478 952 323
CPE	1 586 654 156	1 796 211 880	1 862 644 196	1 839 950 402	1 773 893 968
NRC	1 446 016 365	1 439 652 600	1 355 810 510	1 386 028 519	1 316 145 119
Total	8 866 210 394	9 208 655 408	9 335 666 909	9 533 919 108	9 485 132 223

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	1988
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.	569 058 984	559 161 062	564 079 198	529 269 189	532 365 616
Non Ferrous Metals	146 148 227	147 653 633	151 421 024	145 030 966	147 573 144
Precious Metals	17 897	18 043	17 594	17 420	16 998
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	7 790 515 615
Total	9 198 795 100	9 049 202 152	8 943 982 886	8 890 424 373	8 937 316 811
	1994	1995	1996	1997	1998
Iron, Ferro-Alloy Met.	563 129 423	594 447 788	589 172 092	608 537 962	600 919 957
Non Ferrous Metals	147 852 180	147 043 946	156 007 020	167 876 021	170 367 993
Precious Metals	16 369	17 309	17 672	18 010	18 920
Industrial Minerals	481 239 444	489 068 921	503 170 869	512 835 574	505 315 128
Mineral Fuels	7 673 972 978	7 978 077 444	8 087 299 256	8 244 651 541	8 208 510 225
Total	8 866 210 394	9 208 655 408	9 335 666 909	9 533 919 108	9 485 132 223

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	1994	1995	1996	1997	1998	Change 1998/1994 in %
	in metr.t					
Iron	546 249 203	575 736 719	571 115 456	588 882 891	580 713 866	6.31
Chromium	4 913 412	5 471 869	4 964 542	5 514 102	5 693 851	15.88
Cobalt	19 348	21 371	20 966	21 445	24 241	25.29
Manganese	7 113 832	7 929 970	7 702 980	8 430 181	8 456 598	18.88
Molybdenum	107 949	121 724	116 731	131 586	127 082	17.72
Nickel	790 304	848 352	898 002	1 055 319	1 081 581	36.86
Tant.-Columb.	37 785	49 124	53 468	50 528	52 322	38.47
Titanium	3 841 083	4 207 270	4 234 033	4 382 671	4 703 973	22.46
Tungsten	20 507	27 498	32 014	30 889	29 784	45.24
Vanadium	36 000	33 891	33 900	38 350	36 659	1.83

6.2.3 *Non Ferrous Metals /Nichteisenmetalle*

Commodity	1994	1995	1996	1997	1998	Change 1998/1994 in %
	in metr. t					
Aluminium	19 049 786	19 581 402	19 698 229	20 823 692	21 623 651	13.51
Antimony	118 512	118 993	127 275	125 658	101 309	-14.52
Arsenic	33 660	30 118	29 992	34 845	36 261	7.73
Bauxite	110 100 841	107 652 270	115 351 802	124 687 409	125 189 756	13.70
Bismuth	2 912	2 848	3 327	3 825	3 502	20.26
Cadmium	16 796	17 243	18 228	18 291	17 173	2.24
Copper	9 006 555	9 650 840	10 477 241	11 477 320	12 412 811	37.82
Gallium	20	12	12	15	13	-35.00
Germanium	32	36	35	37	39	21.88
Lead	2 924 186	2 923 199	3 078 170	3 101 599	3 123 325	6.81
Lithium	15 330	17 664	19 462	23 575	24 169	57.66
Mercury	2 032	2 120	2 578	2 490	2 485	22.29
Rare Earths	58 524	60 457	81 951	78 925	65 003	11.07
Tellurium	198	264	222	216	210	6.06
Tin	171 308	201 671	224 996	216 953	215 666	25.89
Zinc	6 351 488	6 784 809	6 893 500	7 281 171	7 552 620	18.91

6.2.4 Precious Metals / Edelmetalle

Commodity	1994	1995	1996	1997	1998	Change 1998/1994 in %
	in kg					
Gold	2 205 249	2 214 212	2 241 791	2 363 834	2 433 333	10.34
Silver	13 915 374	14 840 910	15 196 813	15 407 370	16 237 108	16.68
Platinum	248 421	253 972	233 554	238 868	249 539	0.45

6.2.5 Industrial Minerals / Industriemineralien

Commodity	1994	1995	1996	1997	1998	Change 1998/1994 in %
	in metr.t (Diamonds: carats)					
Asbestos	2 711 011	2 492 642	2 458 883	2 133 043	1 862 984	-31.28
Baryte	4 571 877	4 583 418	6 107 792	7 022 238	6 883 764	50.57
Bentonite	9 190 674	9 868 983	9 617 486	9 798 703	10 169 638	10.65
Boron	2 699 111	2 830 408	3 229 320	3 006 791	3 600 278	33.39
Diamonds :						
Gem-	48 626 605	50 400 752	53 160 395	55 264 267	53 977 510	11.00
Ind.	60 710 623	63 174 497	65 506 246	61 742 578	63 535 491	4.65
Diatomite	1 079 748	1 090 183	1 112 373	1 120 107	1 109 674	2.77
Feldspar	6 661 670	8 041 385	8 018 077	7 612 652	8 524 888	27.97
Fluorspar	4 254 145	4 127 477	4 030 035	4 404 499	4 766 195	12.04
Graphite	791 484	619 963	727 850	596 809	657 686	-16.90
Gypsum	93 311 630	90 500 445	93 859 723	92 925 482	92 557 675	-0.81
Guano	1 100	1 057	950	920	825	-25.00
Kaolin	23 235 699	24 381 137	23 900 965	24 259 437	26 154 520	12.56
Magnesite	9 200 418	9 803 368	11 149 788	10 660 106	11 400 190	23.91
Phosphate	60 301 070	62 785 173	67 393 494	68 950 850	68 946 843	14.34
Potash	23 511 224	25 562 220	25 380 343	28 199 188	28 166 504	19.80
Salt	185 318 838	187 503 522	192 175 075	197 534 915	188 146 229	1.53
Sulfur	42 924 235	43 194 171	42 392 967	42 971 037	41 051 824	-4.36
Talc	8 094 737	8 033 347	8 170 897	8 206 223	7 959 395	-1.67
Vermiculite	524 865	509 663	461 473	447 657	530 472	1.07
Zirconium	994 303	996 790	1 048 016	896 460	834 914	-16.03

6.2.6 Mineral Fuels / Energierohstoffe

Commodity	1994	1995	1996	1997	1998	Change 1998/1994 in %
	in metr.t (Natural Gas: Mio m ³)					
Hard Coal	3 562 450 410	3 792 657 611	3 858 299 180	3 865 054 881	3 824 618 420	7.36
Lignite	927 548 473	910 058 119	881 212 701	888 104 644	856 906 980	-7.62
Coal	4 489 998 883	4 702 715 730	4 739 511 881	4 753 159 525	4 681 525 400	4.27
Uranium	33 262	33 382	38 299	36 886	37 963	14.13
Oil	3 162 042 749	3 259 138 533	3 331 204 318	3 474 675 625	3 512 109 073	11.07
Nat. Gas	2 274 818	2 373 719	2 298 513	2 315 148	2 335 088	2.65
Oilshales	21 898 084	16 189 799	16 544 758	16 779 505	14 837 789	-32.24

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	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	171 311 099	180 097 216	184 970 184	192 969 545	204 667 314
LDC	6 722 300	7 484 100	7 252 700	7 663 500	6 726 200
WIC	182 550 598	191 746 231	190 793 398	198 438 749	198 754 792
CPE	79 380 000	83 680 000	83 800 000	83 380 000	70 700 000
NCR	106 285 206	112 729 172	104 299 174	106 431 097	99 865 560
Total	546 249 203	575 736 719	571 115 456	588 882 891	580 713 866
of them:					
ACP	7 032 300	7 760 911	7 527 065	8 023 403	7 019 153
ASEAN	475 407	408 056	604 980	581 181	775 078
COMECON	0	0	0	0	0
EC	1 649 108	12 734 543	11 764 938	11 148 881	14 648 315
EFTA	14 753 521	1 458 300	1 117 651	478 000	409 200
G7	59 847 417	62 363 211	61 591 839	60 923 159	61 786 676
NAFTA	63 530 614	66 420 169	66 038 962	65 767 826	66 767 406
OECD	159 918 354	169 911 312	177 283 020	183 642 575	184 176 619
SADC	21 218 790	21 095 176	18 692 305	20 207 419	20 001 953
	in %	in %	in %	in %	in %
DC	31.36	31.28	32.39	32.77	35.24
LDC	1.23	1.30	1.27	1.30	1.16
WIC	33.42	33.30	33.41	33.70	34.23
CPE	14.53	14.53	14.67	14.16	12.17
NRC	19.46	19.58	18.26	18.07	17.20
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	1.29	1.35	1.32	1.36	1.21
ASEAN	0.09	0.07	0.11	0.10	0.13
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.30	2.21	2.06	1.89	2.52
EFTA	2.70	0.25	0.20	0.08	0.07
G7	10.96	10.83	10.78	10.35	10.64
NAFTA	11.63	11.54	11.56	11.17	11.50
OECD	29.28	29.51	31.04	31.18	31.72
SADC	3.88	3.66	3.27	3.43	3.44

Chromium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	1 010 298	1 131 768	1 219 311	1 193 484	1 151 896
LDC	49 548	60 864	76 280	73 595	48 608
WIC	2 333 815	3 050 004	2 989 725	3 638 920	3 643 847
CPE	48 350	91 531	93 609	90 853	89 000
NCR	1 471 401	1 137 702	585 617	517 250	760 500
Total	4 913 412	5 471 869	4 964 542	5 514 102	5 693 851

of them:

ACP	280 648	377 245	370 917	373 490	320 395
ASEAN	10 881	13 316	18 524	16 673	12 188
COMECON	0	0	0	0	0
EC	1 960	300 837	302 816	355 698	250 950
EFTA	286 374	0	0	0	0
G7	2 240	2 000	2 000	1 800	1 500
NAFTA	0	0	0	0	0
OECD	290 574	302 837	852 219	1 170 291	857 447
SADC	1 779 073	2 656 012	2 433 793	2 770 019	3 058 832

	in %	in %	in %	in %	in %
DC	20.56	20.68	24.56	21.64	20.23
LDC	1.01	1.11	1.54	1.33	0.85
WIC	47.50	55.74	60.22	65.99	64.00
CPE	0.98	1.67	1.89	1.65	1.56
NRC	29.95	20.79	11.80	9.38	13.36
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	5.71	6.89	7.47	6.77	5.63
ASEAN	0.22	0.24	0.37	0.30	0.21
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.04	5.50	6.10	6.45	4.41
EFTA	5.83	0.00	0.00	0.00	0.00
G7	0.05	0.04	0.04	0.03	0.03
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	5.91	5.53	17.17	21.22	15.06
SADC	36.21	48.54	49.02	50.24	53.72

Cobalt

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	545	724	660	911	387
LDC	7 559	10 146	9 572	9 515	13 134
WIC	5 050	4 606	4 934	5 019	4 620
CPE	1 800	2 295	2 000	2 400	2 600
NCR	4 394	3 600	3 800	3 600	3 500
Total	19 348	21 371	20 966	21 445	24 241
of them:					
ACP	7 685	10 335	9 678	9 641	13 234
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	2 692	2 016	2 190	2 200	2 324
NAFTA	2 692	2 016	2 190	2 200	2 324
OECD	4 792	4 416	4 690	4 700	4 324
SADC	4 312	6 558	5 881	5 919	9 586
	in %	in %	in %	in %	in %
DC	2.82	3.39	3.15	4.25	1.60
LDC	39.07	47.48	45.65	44.37	54.18
WIC	26.10	21.55	23.53	23.40	19.06
CPE	9.30	10.74	9.54	11.19	10.73
NRC	22.71	16.85	18.12	16.79	14.44
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	39.72	48.36	46.16	44.96	54.59
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	13.91	9.43	10.45	10.26	9.59
NAFTA	13.91	9.43	10.45	10.26	9.59
OECD	24.77	20.66	22.37	21.92	17.84
SADC	22.29	30.69	28.05	27.60	39.54

Manganese

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	2 589 233	2 839 696	2 976 464	3 004 495	2 516 865
LDC	0	0	0	0	0
WIC	2 182 916	2 440 867	2 409 578	2 992 812	2 811 742
CPE	952 000	1 180 000	1 000 000	1 200 000	1 500 000
NCR	1 389 683	1 469 407	1 316 938	1 232 874	1 627 991
Total	7 113 832	7 929 970	7 702 980	8 430 181	8 456 598
of them:					
ACP	957 372	1 135 499	1 182 942	1 155 884	755 669
ASEAN	19 200	19 478	20 470	18 891	25 257
COMECON	0	0	0	0	0
EC	3 636	3 647	4 029	3 928	2 822
EFTA	0	0	0	0	0
G7	1 868	1 612	1 457	2 128	924
NAFTA	91 272	140 662	173 380	192 825	187 103
OECD	1 048 188	1 188 789	1 198 166	1 856 653	1 698 625
SADC	1 256 000	1 439 479	1 438 479	1 376 791	1 338 920
	in %	in %	in %	in %	in %
DC	36.40	35.81	38.64	35.64	29.76
LDC	0.00	0.00	0.00	0.00	0.00
WIC	30.69	30.78	31.28	35.50	33.25
CPE	13.38	14.88	12.98	14.23	17.74
NRC	19.53	18.53	17.10	14.62	19.25
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	13.46	14.32	15.36	13.71	8.94
ASEAN	0.27	0.25	0.27	0.22	0.30
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.05	0.05	0.05	0.05	0.03
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.03	0.02	0.02	0.03	0.01
NAFTA	1.28	1.77	2.25	2.29	2.21
OECD	14.73	14.99	15.55	22.02	20.09
SADC	17.66	18.15	18.67	16.33	15.83

Molybdenum

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	24 897	26 834	27 892	32 616	30 369
LDC	0	0	0	0	0
WIC	56 351	69 990	63 069	66 040	61 063
CPE	20 167	19 000	20 000	27 200	32 300
NCR	6 534	5 900	5 770	5 730	3 350
Total	107 949	121 724	116 731	131 586	127 082
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	56 351	69 990	63 069	66 040	61 063
NAFTA	58 964	73 873	67 280	70 882	67 011
OECD	58 964	73 873	67 280	70 882	67 011
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	23.06	22.04	23.89	24.79	23.90
LDC	0.00	0.00	0.00	0.00	0.00
WIC	52.20	57.50	54.03	50.19	48.05
CPE	18.68	15.61	17.13	20.67	25.42
NRC	6.05	4.85	4.94	4.35	2.64
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	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	52.20	57.50	54.03	50.19	48.05
NAFTA	54.62	60.69	57.64	53.87	52.73
OECD	54.62	60.69	57.64	53.87	52.73
SADC	0.00	0.00	0.00	0.00	0.00

Nickel

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	235 035	268 038	285 642	296 106	282 698
LDC	17 694	15 464	17 461	14 996	19 432
WIC	254 299	276 354	299 499	374 017	405 651
CPE	57 900	78 696	96 700	101 400	115 800
NCR	225 376	209 800	198 700	268 800	258 000
Total	790 304	848 352	898 002	1 055 319	1 081 581
of them:					
ACP	61 830	57 048	57 542	57 630	54 767
ASEAN	56 025	65 341	83 237	73 999	67 573
COMECON	0	0	0	0	0
EC	16 182	20 703	20 879	20 652	16 789
EFTA	18 838	2 892	2 820	2 435	2 964
G7	107 144	121 157	128 939	182 100	205 198
NAFTA	107 144	121 157	128 939	182 100	205 198
OECD	221 226	243 860	265 638	339 187	368 951
SADC	61 403	55 760	61 016	59 960	66 267
	in %	in %	in %	in %	in %
DC	29.74	31.60	31.81	28.06	26.14
LDC	2.24	1.82	1.94	1.42	1.80
WIC	32.18	32.58	33.35	35.44	37.51
CPE	7.33	9.28	10.77	9.61	10.71
NRC	28.52	24.73	22.13	25.47	23.85
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	7.82	6.72	6.41	5.46	5.06
ASEAN	7.09	7.70	9.27	7.01	6.25
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.05	2.44	2.33	1.96	1.55
EFTA	2.38	0.34	0.31	0.23	0.27
G7	13.56	14.28	14.36	17.26	18.97
NAFTA	13.56	14.28	14.36	17.26	18.97
OECD	27.99	28.75	29.58	32.14	34.11
SADC	7.77	6.57	6.79	5.68	6.13

Tantalum-Columbium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	31 674	42 994	48 026	45 412	49 504
LDC	165	155	162	326	318
WIC	5 946	5 975	5 280	4 790	2 500
CPE	0	0	0	0	0
NCR	0	0	0	0	0
Total	37 785	49 124	53 468	50 528	52 322
of them:					
ACP	212	175	182	346	336
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	5 700	5 700	5 000	4 500	2 200
NAFTA	5 700	5 700	5 000	4 500	2 200
OECD	5 946	5 975	5 280	4 790	2 500
SADC	7	0	0	0	0
	in %	in %	in %	in %	in %
DC	83.83	87.52	89.82	89.87	94.61
LDC	0.44	0.32	0.30	0.65	0.61
WIC	15.74	12.16	9.88	9.48	4.78
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	0.56	0.36	0.34	0.68	0.64
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	15.09	11.60	9.35	8.91	4.20
NAFTA	15.09	11.60	9.35	8.91	4.20
OECD	15.74	12.16	9.88	9.48	4.78
SADC	0.02	0.00	0.00	0.00	0.00

Titanium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	325 527	312 919	327 213	319 156	400 649
LDC	171 009	174 901	160 000	150 000	184 790
WIC	3 009 764	3 377 858	3 397 320	3 539 515	3 679 984
CPE	100 500	116 000	116 000	135 000	154 550
NCR	234 283	225 592	233 500	239 000	284 000
Total	3 841 083	4 207 270	4 234 033	4 382 671	4 703 973
of them:					
ACP	171 009	174 901	160 000	150 000	184 790
ASEAN	64 687	64 477	69 883	70 000	65 000
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	366 008	368 208	329 840	246 903	261 134
G7	917 400	900 000	850 000	780 000	780 000
NAFTA	917 400	900 000	850 000	780 000	780 000
OECD	2 093 756	2 179 650	2 467 320	2 499 515	2 579 984
SADC	550 000	830 000	930 000	1 040 000	1 100 000
	in %	in %	in %	in %	in %
DC	8.47	7.44	7.73	7.28	8.52
LDC	4.45	4.16	3.78	3.42	3.93
WIC	78.36	80.29	80.24	80.76	78.23
CPE	2.62	2.76	2.74	3.08	3.29
NRC	6.10	5.36	5.51	5.45	6.04
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	4.45	4.16	3.78	3.42	3.93
ASEAN	1.68	1.53	1.65	1.60	1.38
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	9.53	8.75	7.79	5.63	5.55
G7	23.88	21.39	20.08	17.80	16.58
NAFTA	23.88	21.39	20.08	17.80	16.58
OECD	54.51	51.81	58.27	57.03	54.85
SADC	14.32	19.73	21.96	23.73	23.38

Tungsten

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	1 051	2 034	1 419	1 212	894
LDC	169	246	127	132	91
WIC	183	1 930	2 681	3 045	3 349
CPE	16 800	20 600	26 532	25 450	24 400
NCR	2 304	2 688	1 255	1 050	1 050
Total	20 507	27 498	32 014	30 889	29 784
of them:					
ACP	77	102	104	120	82
ASEAN	117	93	67	54	61
COMECON	0	0	0	0	0
EC	60	1 830	2 581	2 945	3 249
EFTA	0	0	0	0	0
G7	100	100	100	100	100
NAFTA	100	387	288	279	230
OECD	183	1 260	2 869	3 224	3 479
SADC	0	0	0	2	0
	in %	in %	in %	in %	in %
DC	5.13	7.40	4.43	3.92	3.00
LDC	0.82	0.89	0.40	0.43	0.31
WIC	0.89	7.02	8.37	9.86	11.24
CPE	81.92	74.91	82.88	82.39	81.92
NRC	11.24	9.78	3.92	3.40	3.53
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.38	0.37	0.32	0.39	0.28
ASEAN	0.57	0.34	0.21	0.17	0.20
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.29	6.66	8.06	9.53	10.91
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.49	0.36	0.31	0.32	0.34
NAFTA	0.49	1.41	0.90	0.90	0.77
OECD	0.89	4.58	8.96	10.44	11.68
SADC	0.00	0.00	0.00	0.01	0.00

Vanadium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	17 500	17 491	17 500	19 450	19 159
CPE	8 500	5 000	5 500	7 000	7 500
NCR	10 000	11 400	10 900	11 900	10 000
Total	36 000	33 891	33 900	38 350	36 659
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	1 500	1 991	2 700	2 500	2 000
NAFTA	1 500	1 991	2 700	2 500	2 000
OECD	1 500	1 991	2 700	2 500	2 000
SADC	16 000	15 500	14 800	16 950	17 159
	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	48.61	51.61	51.62	50.72	52.26
CPE	23.61	14.75	16.22	18.25	20.46
NRC	27.78	33.64	32.15	31.03	27.28
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	4.17	5.87	7.96	6.52	5.46
NAFTA	4.17	5.87	7.96	6.52	5.46
OECD	4.17	5.87	7.96	6.52	5.46
SADC	44.44	45.73	43.66	44.20	46.81

6.3.2

Non-Ferrous Metals

Nichteisenmetalle

Aluminium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	3 874 804	3 812 100	3 769 308	3 851 600	3 703 851
LDC	0	0	0	0	0
WIC	10 512 250	10 579 146	11 399 405	11 896 090	12 359 434
CPE	1 446 000	1 870 000	1 780 000	2 050 000	2 435 300
NCR	3 216 732	3 320 156	2 749 516	3 026 002	3 125 066
Total	19 049 786	19 581 402	19 698 229	20 823 692	21 623 651
of them:					
ACP	245 400	242 800	245 300	265 600	165 200
ASEAN	220 000	0	0	0	0
COMECON	0	0	0	0	0
EC	2 050 500	2 185 720	2 225 446	2 238 840	2 358 082
EFTA	1 069 100	967 900	986 900	1 069 256	1 200 460
G7	6 919 439	6 947 976	7 272 284	7 350 534	7 584 472
NAFTA	5 553 683	5 546 992	5 860 000	5 927 200	6 086 790
OECD	9 199 039	9 222 046	10 866 505	11 300 475	11 760 134
SADC	172 111	233 000	617 000	682 900	692 500
	in %	in %	in %	in %	in %
DC	20.34	19.47	19.14	18.50	17.13
LDC	0.00	0.00	0.00	0.00	0.00
WIC	55.18	54.03	57.87	57.13	57.16
CPE	7.59	9.55	9.04	9.84	11.26
NRC	16.89	16.96	13.96	14.53	14.45
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	1.29	1.24	1.25	1.28	0.76
ASEAN	1.15	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	10.76	11.16	11.30	10.75	10.91
EFTA	5.61	4.94	5.01	5.13	5.55
G7	36.32	35.48	36.92	35.30	35.07
NAFTA	29.15	28.33	29.75	28.46	28.15
OECD	48.29	47.10	55.16	54.27	54.39
SADC	0.90	1.19	3.13	3.28	3.20

Antimony

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	10 178	9 638	9 028	9 141	7 592
LDC	0	0	0	0	0
WIC	6 834	8 555	9 247	6 417	7 424
CPE	91 000	91 000	99 000	101 000	80 000
NCR	10 500	9 800	10 000	9 100	6 293
Total	118 512	118 993	127 275	125 658	101 309
of them:					
ACP	65	37	15	0	0
ASEAN	696	522	149	125	442
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	643	574	1 647	892	796
NAFTA	2 401	2 357	2 630	2 801	2 097
OECD	3 701	4 057	5 093	4 911	4 482
SADC	4 599	5 574	5 152	3 415	4 243
	in %	in %	in %	in %	in %
DC	8.59	8.10	7.09	7.27	7.49
LDC	0.00	0.00	0.00	0.00	0.00
WIC	5.77	7.19	7.27	5.11	7.33
CPE	76.79	76.48	77.78	80.38	78.97
NRC	8.86	8.24	7.86	7.24	6.21
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.05	0.03	0.01	0.00	0.00
ASEAN	0.59	0.44	0.12	0.10	0.44
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	0.54	0.48	1.29	0.71	0.79
NAFTA	2.03	1.98	2.07	2.23	2.07
OECD	3.12	3.41	4.00	3.91	4.42
SADC	3.88	4.68	4.05	2.72	4.19

Arsenic

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	15 960	13 532	13 542	16 425	16 361
LDC	0	0	0	0	0
WIC	700	500	450	420	400
CPE	13 000	13 000	13 000	15 000	17 000
NCR	4 000	3 086	3 000	3 000	2 500
Total	33 660	30 118	29 992	34 845	36 261
of them:					
ACP	2 775	1 246	1 505	1 232	175
ASEAN	2 000	2 000	2 000	2 000	1 000
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	200	0	0	0	0
G7	500	500	450	420	400
NAFTA	4 440	3 620	2 942	2 999	2 573
OECD	5 140	4 120	3 392	3 419	2 973
SADC	2 775	1 246	1 505	1 232	175
	in %	in %	in %	in %	in %
DC	47.42	44.93	45.15	47.14	45.12
LDC	0.00	0.00	0.00	0.00	0.00
WIC	2.08	1.66	1.50	1.21	1.10
CPE	38.62	43.16	43.34	43.05	46.88
NRC	11.88	10.25	10.00	8.61	6.89
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	8.24	4.14	5.02	3.54	0.48
ASEAN	5.94	6.64	6.67	5.74	2.76
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	0.00	0.00	0.00	0.00
EFTA	0.59	0.00	0.00	0.00	0.00
G7	1.49	1.66	1.50	1.21	1.10
NAFTA	13.19	12.02	9.81	8.61	7.10
OECD	15.27	13.68	11.31	9.81	8.20
SADC	8.24	4.14	5.02	3.54	0.48

Bauxite

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	37 235 556	37 026 483	43 008 698	43 153 428	45 357 587
LDC	17 244 620	13 775 194	13 812 000	19 258 000	17 006 000
WIC	44 792 152	45 173 493	45 881 304	46 845 527	46 608 369
CPE	3 700 000	4 500 000	5 500 000	8 000 000	8 500 000
NCR	7 128 513	7 177 100	7 149 800	7 430 454	7 717 800
Total	110 100 841	107 652 270	115 351 802	124 687 409	125 189 756
of them:					
ACP	34 856 422	30 539 326	32 296 000	38 203 000	36 104 121
ASEAN	1 504 319	1 088 891	1 060 656	1 087 749	1 215 918
COMECON	0	0	0	0	0
EC	2 219 771	2 286 215	2 532 734	1 756 979	1 794 293
EFTA	0	0	0	0	0
G7	63 400	86 000	81 000	80 000	80 270
NAFTA	40 000	0	0	0	0
OECD	44 418 771	44 941 215	46 385 304	47 226 427	47 068 969
SADC	9 620	11 000	12 000	8 000	6 000
	in %	in %	in %	in %	in %
DC	33.82	34.39	37.28	34.61	36.23
LDC	15.66	12.80	11.97	15.45	13.58
WIC	40.68	41.96	39.78	37.57	37.23
CPE	3.36	4.18	4.77	6.42	6.79
NRC	6.47	6.67	6.20	5.96	6.16
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	31.66	28.37	28.00	30.64	28.84
ASEAN	1.37	1.01	0.92	0.87	0.97
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.02	2.12	2.20	1.41	1.43
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.06	0.08	0.07	0.06	0.06
NAFTA	0.04	0.00	0.00	0.00	0.00
OECD	40.34	41.75	40.21	37.88	37.60
SADC	0.01	0.01	0.01	0.01	0.00

Bismuth

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	1 918	1 588	2 009	2 471	2 072
LDC	0	0	0	0	0
WIC	657	759	717	659	687
CPE	200	400	500	600	650
NCR	137	101	101	95	93
Total	2 912	2 848	3 327	3 825	3 502
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	5	0	0	0	0
EFTA	0	0	0	0	0
G7	657	759	717	659	687
NAFTA	1 199	1 147	1 227	1 827	1 421
OECD	1 704	1 747	1 787	2 301	1 891
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	65.87	55.76	60.38	64.60	59.17
LDC	0.00	0.00	0.00	0.00	0.00
WIC	22.56	26.65	21.55	17.23	19.62
CPE	6.87	14.04	15.03	15.69	18.56
NRC	4.70	3.55	3.04	2.48	2.66
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	0.17	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	22.56	26.65	21.55	17.23	19.62
NAFTA	41.17	40.27	36.88	47.76	40.58
OECD	58.52	61.34	53.71	60.16	54.00
SADC	0.00	0.00	0.00	0.00	0.00

Cadmium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	3 832	3 841	3 844	3 959	3 712
LDC	0	0	0	0	0
WIC	9 263	9 345	10 123	10 023	8 450
CPE	1 660	1 496	1 717	2 186	2 186
NCR	2 041	2 561	2 544	2 123	2 825
Total	16 796	17 243	18 228	18 291	17 173
of them:					
ACP	19	15	10	2	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	1 804	2 459	2 432	2 508	1 761
EFTA	715	296	300	290	270
G7	7 242	7 131	7 892	8 224	6 810
NAFTA	5 054	4 708	5 875	6 006	5 162
OECD	10 962	10 769	13 070	13 058	11 337
SADC	19	15	10	2	0
	in %	in %	in %	in %	in %
DC	22.81	22.28	21.09	21.64	21.62
LDC	0.00	0.00	0.00	0.00	0.00
WIC	55.15	54.20	55.54	54.80	49.21
CPE	9.88	8.68	9.42	11.95	12.73
NRC	12.15	14.85	13.96	11.61	16.45
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.11	0.09	0.05	0.01	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	10.74	14.26	13.34	13.71	10.25
EFTA	4.26	1.72	1.65	1.59	1.57
G7	43.12	41.36	43.30	44.96	39.66
NAFTA	30.09	27.30	32.23	32.84	30.06
OECD	65.27	62.45	71.70	71.39	66.02
SADC	0.11	0.09	0.05	0.01	0.00

Copper

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	3 861 768	4 369 272	5 091 963	5 380 820	6 115 977
LDC	439 187	364 173	391 695	377 205	282 099
WIC	2 699 597	2 896 056	2 870 916	3 586 761	3 781 129
CPE	478 900	484 052	533 227	576 212	616 800
NCR	1 527 103	1 537 287	1 589 440	1 556 322	1 616 806
Total	9 006 555	9 650 840	10 477 241	11 477 320	12 412 811

of them:

ACP	676 657	604 537	598 128	510 397	444 574
ASEAN	510 256	654 202	701 402	711 784	983 977
COMECON	0	0	0	0	0
EC	135 339	245 240	226 949	239 926	234 602
EFTA	99 204	6 797	7 389	6 670	2 700
G7	1 879 124	2 014 016	1 906 079	2 567 628	2 649 013
NAFTA	2 178 394	2 350 815	2 232 742	2 905 433	2 992 709
OECD	2 802 568	3 035 431	3 471 867	4 213 280	4 438 895
SADC	605 541	515 763	524 575	514 240	423 374

	in %	in %	in %	in %	in %
DC	42.88	45.27	48.60	46.88	49.27
LDC	4.88	3.77	3.74	3.29	2.27
WIC	29.97	30.01	27.40	31.25	30.46
CPE	5.32	5.02	5.09	5.02	4.97
NRC	16.96	15.93	15.17	13.56	13.03
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	7.51	6.26	5.71	4.45	3.58
ASEAN	5.67	6.78	6.69	6.20	7.93
COMECON	0.00	0.00	0.00	0.00	0.00
EC	1.50	2.54	2.17	2.09	1.89
EFTA	1.10	0.07	0.07	0.06	0.02
G7	20.86	20.87	18.19	22.37	21.34
NAFTA	24.19	24.36	21.31	25.31	24.11
OECD	31.12	31.45	33.14	36.71	35.76
SADC	6.72	5.34	5.01	4.48	3.41

Gallium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	6	6	5	5	4
CPE	8	2	2	5	6
NCR	6	4	5	5	3
Total	20	12	12	15	13
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	5	5	4
NAFTA	0	0	0	0	0
OECD	6	6	10	10	7
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	30.00	50.00	41.67	33.33	30.77
CPE	40.00	16.67	16.67	33.33	46.15
NRC	30.00	33.33	41.67	33.33	23.08
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	30.00	50.00	41.67	33.33	30.77
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	30.00	50.00	83.33	66.67	53.85
SADC	0.00	0.00	0.00	0.00	0.00

Germanium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	16	19	18	20	22
CPE	6	8	8	9	10
NCR	10	9	9	8	7
Total	32	36	35	37	39
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	16	19	18	20	22
NAFTA	16	19	18	20	22
OECD	16	19	18	20	22
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	50.00	52.78	51.43	54.05	56.41
CPE	18.75	22.22	22.86	24.32	25.64
NRC	31.25	25.00	25.71	21.62	17.95
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	50.00	52.78	51.43	54.05	56.41
NAFTA	50.00	52.78	51.43	54.05	56.41
OECD	50.00	52.78	51.43	54.05	56.41
SADC	0.00	0.00	0.00	0.00	0.00

Lead

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	598 882	609 237	613 873	630 735	620 897
LDC	2 547	1 862	1 130	782	1 255
WIC	1 487 433	1 455 272	1 514 352	1 506 732	1 558 938
CPE	501 900	554 800	678 100	741 900	736 900
NCR	333 424	302 028	270 715	221 450	205 335
Total	2 924 186	2 923 199	3 078 170	3 101 599	3 123 325
of them:					
ACP	33 025	27 004	24 666	17 000	12 800
ASEAN	7 859	9 576	8 686	5 040	6 445
COMECON	0	0	0	0	0
EC	128 659	222 157	199 958	212 760	207 132
EFTA	116 385	2 960	2 083	2 231	0
G7	654 220	708 948	712 498	645 257	650 608
NAFTA	785 701	854 771	849 059	800 749	804 318
OECD	1 542 047	1 541 587	1 664 053	1 678 567	1 714 306
SADC	128 639	114 717	113 029	100 114	96 900
	in %	in %	in %	in %	in %
DC	20.48	20.84	19.94	20.34	19.88
LDC	0.09	0.06	0.04	0.03	0.04
WIC	50.87	49.78	49.20	48.58	49.91
CPE	17.16	18.98	22.03	23.92	23.59
NRC	11.40	10.33	8.79	7.14	6.57
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	1.13	0.92	0.80	0.55	0.41
ASEAN	0.27	0.33	0.28	0.16	0.21
COMECON	0.00	0.00	0.00	0.00	0.00
EC	4.40	7.60	6.50	6.86	6.63
EFTA	3.98	0.10	0.07	0.07	0.00
G7	22.37	24.25	23.15	20.80	20.83
NAFTA	26.87	29.24	27.58	25.82	25.75
OECD	52.73	52.74	54.06	54.12	54.89
SADC	4.40	3.92	3.67	3.23	3.10

Lithium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	5 010	5 193	6 588	11 149	12 289
LDC	0	0	0	0	0
WIC	7 720	10 771	11 274	10 876	10 400
CPE	1 000	900	800	750	730
NCR	1 600	800	800	800	750
Total	15 330	17 664	19 462	23 575	24 169
of them:					
ACP	700	941	823	1 316	791
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	170	131	114	86	200
EFTA	0	0	0	0	0
G7	4 450	4 400	4 660	4 190	3 200
NAFTA	4 450	4 400	4 660	4 190	3 200
OECD	7 720	10 771	11 274	10 876	10 400
SADC	700	941	823	1 316	791
	in %	in %	in %	in %	in %
DC	32.68	29.40	33.85	47.29	50.85
LDC	0.00	0.00	0.00	0.00	0.00
WIC	50.36	60.98	57.93	46.13	43.03
CPE	6.52	5.10	4.11	3.18	3.02
NRC	10.44	4.53	4.11	3.39	3.10
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	4.57	5.33	4.23	5.58	3.27
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	1.11	0.74	0.59	0.36	0.83
EFTA	0.00	0.00	0.00	0.00	0.00
G7	29.03	24.91	23.94	17.77	13.24
NAFTA	29.03	24.91	23.94	17.77	13.24
OECD	50.36	60.98	57.93	46.13	43.03
SADC	4.57	5.33	4.23	5.58	3.27

Mercury

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	458	305	368	462	429
LDC	0	0	0	0	0
WIC	454	714	954	452	726
CPE	510	547	510	830	600
NCR	610	554	746	746	730
Total	2 032	2 120	2 578	2 490	2 485
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	345	710	950	452	726
EFTA	89	0	0	0	0
G7	15	0	0	0	0
NAFTA	25	10	0	15	15
OECD	464	724	954	467	741
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	22.54	14.39	14.27	18.55	17.26
LDC	0.00	0.00	0.00	0.00	0.00
WIC	22.34	33.68	37.01	18.15	29.22
CPE	25.10	25.80	19.78	33.33	24.14
NRC	30.02	26.13	28.94	29.96	29.38
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	16.98	33.49	36.85	18.15	29.22
EFTA	4.38	0.00	0.00	0.00	0.00
G7	0.74	0.00	0.00	0.00	0.00
NAFTA	1.23	0.47	0.00	0.60	0.60
OECD	22.83	34.15	37.01	18.76	29.82
SADC	0.00	0.00	0.00	0.00	0.00

Rare Earths Concentrates

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	3 991	3 884	3 638	3 820	3 500
LDC	33	34	13	5	3
WIC	24 000	25 539	22 400	21 000	10 800
CPE	30 500	31 000	55 900	54 100	50 700
NCR	0	0	0	0	0
Total	58 524	60 457	81 951	78 925	65 003
of them:					
ACP	33	34	13	5	3
ASEAN	491	864	618	600	500
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	20 000	22 239	20 400	20 000	10 000
NAFTA	20 000	22 239	20 400	20 000	10 000
OECD	23 300	25 239	22 400	21 000	10 800
SADC	700	300	0	0	0
	in %	in %	in %	in %	in %
DC	6.82	6.42	4.44	4.84	5.38
LDC	0.06	0.06	0.02	0.01	0.00
WIC	41.01	42.24	27.33	26.61	16.61
CPE	52.12	51.28	68.21	68.55	78.00
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	0.06	0.06	0.02	0.01	0.00
ASEAN	0.84	1.43	0.75	0.76	0.77
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	34.17	36.78	24.89	25.34	15.38
NAFTA	34.17	36.78	24.89	25.34	15.38
OECD	39.81	41.75	27.33	26.61	16.61
SADC	1.20	0.50	0.00	0.00	0.00

Tellurium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	28	30	25	24	22
LDC	0	0	0	0	0
WIC	167	231	197	190	185
CPE	3	3	0	2	3
NCR	0	0	0	0	0
Total	198	264	222	216	210
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	167	231	197	190	185
NAFTA	120	181	152	150	147
OECD	167	231	197	190	185
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	14.14	11.36	11.26	11.11	10.48
LDC	0.00	0.00	0.00	0.00	0.00
WIC	84.34	87.50	88.74	87.96	88.10
CPE	1.52	1.14	0.00	0.93	1.43
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	84.34	87.50	88.74	87.96	88.10
NAFTA	60.61	68.56	68.47	69.44	70.00
OECD	84.34	87.50	88.74	87.96	88.10
SADC	0.00	0.00	0.00	0.00	0.00

Tin

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	93 501	111 686	126 719	120 754	114 844
LDC	945	619	569	270	485
WIC	13 680	14 804	15 567	16 070	13 567
CPE	58 158	65 558	74 137	72 355	82 270
NCR	5 024	9 004	8 004	7 504	4 500
Total	171 308	201 671	224 996	216 953	215 666
of them:					
ACP	514	327	2 938	2 729	1 567
ASEAN	39 895	53 848	59 000	58 892	61 741
COMECON	0	0	0	0	0
EC	6 237	6 629	6 739	5 970	3 363
EFTA	0	0	0	0	0
G7	1 900	2 000	2 100	2 400	400
NAFTA	3	1	2	5	5
OECD	13 640	14 805	15 569	16 075	13 572
SADC	132	5	2	0	0
	in %	in %	in %	in %	in %
DC	54.58	55.38	56.32	55.66	53.25
LDC	0.55	0.31	0.25	0.12	0.22
WIC	7.99	7.34	6.92	7.41	6.29
CPE	33.95	32.51	32.95	33.35	38.15
NRC	2.93	4.46	3.56	3.46	2.09
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.30	0.16	1.31	1.26	0.73
ASEAN	23.29	26.70	26.22	27.15	28.63
COMECON	0.00	0.00	0.00	0.00	0.00
EC	3.64	3.29	3.00	2.75	1.56
EFTA	0.00	0.00	0.00	0.00	0.00
G7	1.11	0.99	0.93	1.11	0.19
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	7.96	7.34	6.92	7.41	6.29
SADC	0.08	0.00	0.00	0.00	0.00

Zinc

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	1 813 664	1 846 562	1 902 292	1 998 907	2 101 807
LDC	2 900	5 218	3 762	2 186	1 734
WIC	3 032 199	3 090 588	3 154 934	3 401 748	3 603 227
CPE	845 000	1 167 000	1 199 000	1 269 900	1 257 800
NCR	657 725	675 441	633 512	608 430	588 052
Total	6 351 488	6 784 809	6 893 500	7 281 171	7 552 620
of them:					
ACP	18 975	19 925	21 457	20 250	21 532
ASEAN	69 928	27 040	36 247	18 200	39 024
COMECON	0	0	0	0	0
EC	383 900	585 905	527 199	560 617	539 862
EFTA	192 644	9 946	4 435	4 400	1 800
G7	1 412 094	1 483 952	1 445 547	1 711 084	1 891 642
NAFTA	1 647 494	1 718 896	1 694 066	2 001 961	2 191 398
OECD	3 263 821	3 330 075	3 599 709	3 889 547	4 092 014
SADC	94 736	85 647	95 148	89 626	89 898
	in %	in %	in %	in %	in %
DC	28.55	27.22	27.60	27.45	27.83
LDC	0.05	0.08	0.05	0.03	0.02
WIC	47.74	45.55	45.77	46.72	47.71
CPE	13.30	17.20	17.39	17.44	16.65
NRC	10.36	9.96	9.19	8.36	7.79
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.30	0.29	0.31	0.28	0.29
ASEAN	1.10	0.40	0.53	0.25	0.52
COMECON	0.00	0.00	0.00	0.00	0.00
EC	6.04	8.64	7.65	7.70	7.15
EFTA	3.03	0.15	0.06	0.06	0.02
G7	22.23	21.87	20.97	23.50	25.05
NAFTA	25.94	25.33	24.57	27.50	29.02
OECD	51.39	49.08	52.22	53.42	54.18
SADC	1.49	1.26	1.38	1.23	1.19

6.3.3 Precious Metals Edelmetalle

Gold

Group	1994 kg	1995 kg	1996 kg	1997 kg	1998 kg
DC	459 694	496 708	537 206	560 763	632 319
LDC	21 903	25 753	26 513	45 867	58 542
WIC	1 344 236	1 282 936	1 303 264	1 355 073	1 340 809
CPE	137 500	168 650	154 998	162 800	166 800
NCR	241 916	240 165	219 810	239 331	234 863
Total	2 205 249	2 214 212	2 241 791	2 363 834	2 433 333
of them:					
ACP	171 270	179 069	180 538	199 093	241 568
ASEAN	76 083	93 062	116 479	119 712	156 179
COMECON	0	0	0	0	0
EC	9 862	15 699	15 126	17 739	19 219
EFTA	7 644	0	0	0	0
G7	486 094	481 580	495 431	522 784	545 690
NAFTA	487 175	488 682	506 297	536 081	558 071
OECD	779 583	779 198	832 231	891 179	903 161
SADC	603 097	551 339	524 464	518 842	491 932
	in %	in %	in %	in %	in %
DC	20.85	22.43	23.96	23.72	25.99
LDC	0.99	1.16	1.18	1.94	2.41
WIC	60.96	57.94	58.13	57.33	55.10
CPE	6.24	7.62	6.91	6.89	6.85
NRC	10.97	10.85	9.81	10.12	9.65
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	7.77	8.09	8.05	8.42	9.93
ASEAN	3.45	4.20	5.20	5.06	6.42
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.45	0.71	0.67	0.75	0.79
EFTA	0.35	0.00	0.00	0.00	0.00
G7	22.04	21.75	22.10	22.12	22.43
NAFTA	22.09	22.07	22.58	22.68	22.93
OECD	35.35	35.19	37.12	37.70	37.12
SADC	27.35	24.90	23.39	21.95	20.22

Platinum

Group	1994 kg	1995 kg	1996 kg	1997 kg	1998 kg
DC	1 084	1 025	676	447	3 141
LDC	0	0	0	0	0
WIC	189 257	202 941	212 875	221 418	229 395
CPE	0	0	0	0	0
NCR	58 080	50 006	20 003	17 003	17 003
Total	248 421	253 972	233 554	238 868	249 539
of them:					
ACP	0	0	7	34	2 730
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	23 911	18 110	23 739	24 502	28 865
NAFTA	22 711	16 910	22 923	23 809	28 332
OECD	24 451	18 610	24 239	24 952	29 295
SADC	164 806	184 331	188 643	196 500	202 830
	in %	in %	in %	in %	in %
DC	0.44	0.40	0.29	0.19	1.26
LDC	0.00	0.00	0.00	0.00	0.00
WIC	76.18	79.91	91.15	92.69	91.93
CPE	0.00	0.00	0.00	0.00	0.00
NRC	23.38	19.69	8.56	7.12	6.81
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.00	0.00	0.00	0.01	1.09
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	9.63	7.13	10.16	10.26	11.57
NAFTA	9.14	6.66	9.81	9.97	11.35
OECD	9.84	7.33	10.38	10.45	11.74
SADC	66.34	72.58	80.77	82.26	81.28

Silver

Group	1994 kg	1995 kg	1996 kg	1997 kg	1998 kg
DC	6 208 387	6 766 534	6 990 547	7 217 617	7 491 674
LDC	25 901	23 434	26 599	17 236	8 835
WIC	4 346 533	4 666 953	4 810 858	5 105 637	5 517 763
CPE	1 036 000	1 139 000	1 118 000	1 137 400	1 136 400
NCR	2 298 553	2 244 989	2 250 809	1 929 480	2 082 436
Total	13 915 374	14 840 910	15 196 813	15 407 370	16 237 108
of them:					
ACP	181 789	191 221	154 265	112 446	107 205
ASEAN	148 864	300 331	288 917	300 487	304 803
COMECON	0	0	0	0	0
EC	306 944	559 176	550 844	557 120	522 231
EFTA	308 078	6 000	5 900	5 000	2 000
G7	2 474 812	2 974 238	3 039 835	3 031 950	3 330 472
NAFTA	4 594 636	5 288 515	5 414 635	5 574 329	6 043 099
OECD	6 409 924	6 895 563	8 112 853	8 692 084	9 341 663
SADC	279 613	264 399	229 347	190 291	182 620
	in %	in %	in %	in %	in %
DC	44.62	45.59	46.00	46.85	46.14
LDC	0.19	0.16	0.18	0.11	0.05
WIC	31.24	31.45	31.66	33.14	33.98
CPE	7.45	7.67	7.36	7.38	7.00
NRC	16.52	15.13	14.81	12.52	12.83
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	1.31	1.29	1.02	0.73	0.66
ASEAN	1.07	2.02	1.90	1.95	1.88
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.21	3.77	3.62	3.62	3.22
EFTA	2.21	0.04	0.04	0.03	0.01
G7	17.78	20.04	20.00	19.68	20.51
NAFTA	33.02	35.63	35.63	36.18	37.22
OECD	46.06	46.46	53.39	56.42	57.53
SADC	2.01	1.78	1.51	1.24	1.12

6.3.4

Industrial Minerals

Industrieminerale, Steine und Erden

Asbestos

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	492 879	488 548	484 768	492 533	459 534
LDC	0	0	0	0	0
WIC	675 732	689 697	629 665	569 350	377 028
CPE	240 000	263 000	293 000	245 000	250 000
NCR	1 302 400	1 051 397	1 051 450	826 160	776 422
Total	2 711 011	2 492 642	2 458 883	2 133 043	1 862 984
of them:					
ACP	178 566	198 057	191 494	186 460	150 995
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	55 502	75 003	80 213	63 294	35 068
EFTA	0	0	0	0	0
G7	528 100	525 288	492 552	456 070	314 760
NAFTA	528 100	525 288	492 552	456 070	314 760
OECD	583 602	600 291	572 765	519 364	349 828
SADC	270 696	287 463	248 394	236 446	178 195
	in %	in %	in %	in %	in %
DC	18.18	19.60	19.71	23.09	24.67
LDC	0.00	0.00	0.00	0.00	0.00
WIC	24.93	27.67	25.61	26.69	20.24
CPE	8.85	10.55	11.92	11.49	13.42
NRC	48.04	42.18	42.76	38.73	41.68
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	6.59	7.95	7.79	8.74	8.11
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.05	3.01	3.26	2.97	1.88
EFTA	0.00	0.00	0.00	0.00	0.00
G7	19.48	21.07	20.03	21.38	16.90
NAFTA	19.48	21.07	20.03	21.38	16.90
OECD	21.53	24.08	23.29	24.35	18.78
SADC	9.99	11.53	10.10	11.08	9.57

Baryte

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	1 328 429	1 517 499	1 704 442	1 582 827	1 701 157
LDC	23 249	36 841	23 113	19 306	17 995
WIC	1 129 464	1 130 410	1 401 880	1 380 545	1 337 348
CPE	1 830 000	1 530 000	2 550 000	3 560 000	3 300 000
NCR	260 735	368 668	428 357	479 560	527 264
Total	4 571 877	4 583 418	6 107 792	7 022 238	6 883 764
of them:					
ACP	17 020	18 000	18 650	14 217	13 844
ASEAN	48 240	38 100	37 862	54 832	113 421
COMECON	0	0	0	0	0
EC	416 090	407 882	508 531	427 134	423 706
EFTA	0	0	0	0	0
G7	955 339	931 111	1 095 065	1 094 392	1 038 063
NAFTA	730 605	852 367	1 188 954	1 034 606	901 555
OECD	1 156 695	1 271 978	1 886 485	1 635 080	1 523 303
SADC	1 945	6 548	8 573	3 288	2 444
	in %	in %	in %	in %	in %
DC	29.06	33.11	27.91	22.54	24.71
LDC	0.51	0.80	0.38	0.27	0.26
WIC	24.70	24.66	22.95	19.66	19.43
CPE	40.03	33.38	41.75	50.70	47.94
NRC	5.70	8.04	7.01	6.83	7.66
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.37	0.39	0.31	0.20	0.20
ASEAN	1.06	0.83	0.62	0.78	1.65
COMECON	0.00	0.00	0.00	0.00	0.00
EC	9.10	8.90	8.33	6.08	6.16
EFTA	0.00	0.00	0.00	0.00	0.00
G7	20.90	20.31	17.93	15.58	15.08
NAFTA	15.98	18.60	19.47	14.73	13.10
OECD	25.30	27.75	30.89	23.28	22.13
SADC	0.04	0.14	0.14	0.05	0.04

Bentonite

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	1 091 060	960 258	975 804	1 061 741	1 133 656
LDC	300	600	730	750	720
WIC	6 286 374	7 209 325	6 927 176	7 116 264	7 445 020
CPE	0	0	0	0	0
NCR	1 812 940	1 698 800	1 713 776	1 619 948	1 590 242
Total	9 190 674	9 868 983	9 617 486	9 798 703	10 169 638
of them:					
ACP	0	0	0	0	0
ASEAN	38 540	35 921	32 549	19 008	18 106
COMECON	0	0	0	0	0
EC	1 856 776	2 168 291	2 203 062	2 223 705	2 505 146
EFTA	0	0	0	0	0
G7	4 785 048	5 549 200	5 316 384	5 436 796	5 510 304
NAFTA	3 390 708	3 917 853	3 808 120	3 849 000	3 888 800
OECD	5 798 414	6 686 899	7 091 286	7 311 786	7 678 985
SADC	71 773	70 927	48 076	33 326	48 400
	in %	in %	in %	in %	in %
DC	11.87	9.73	10.15	10.84	11.15
LDC	0.00	0.01	0.01	0.01	0.01
WIC	68.40	73.05	72.03	72.62	73.21
CPE	0.00	0.00	0.00	0.00	0.00
NRC	19.73	17.21	17.82	16.53	15.64
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	0.42	0.36	0.34	0.19	0.18
COMECON	0.00	0.00	0.00	0.00	0.00
EC	20.20	21.97	22.91	22.69	24.63
EFTA	0.00	0.00	0.00	0.00	0.00
G7	52.06	56.23	55.28	55.48	54.18
NAFTA	36.89	39.70	39.60	39.28	38.24
OECD	63.09	67.76	73.73	74.62	75.51
SADC	0.78	0.72	0.50	0.34	0.48

Boron

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	343 131	372 414	477 320	649 094	707 911
LDC	0	0	0	0	0
WIC	2 245 980	2 337 994	2 632 000	2 217 697	2 767 367
CPE	30 000	40 000	40 000	60 000	65 000
NCR	80 000	80 000	80 000	80 000	60 000
Total	2.699 111	2 830 408	3 229 320	3 006 791	3 600 278
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	1 106 000	1 194 000	1 150 000	1 200 000	1 170 000
NAFTA	1 106 000	1 194 000	1 150 000	1 200 000	1 170 000
OECD	1 106 000	1 194 000	2 632 000	2 217 697	2 767 367
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	12.71	13.16	14.78	21.59	19.66
LDC	0.00	0.00	0.00	0.00	0.00
WIC	83.21	82.60	81.50	73.76	76.87
CPE	1.11	1.41	1.24	2.00	1.81
NRC	2.96	2.83	2.48	2.66	1.67
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	40.98	42.18	35.61	39.91	32.50
NAFTA	40.98	42.18	35.61	39.91	32.50
OECD	40.98	42.18	81.50	73.76	76.87
SADC	0.00	0.00	0.00	0.00	0.00

Diamonds (Gem)

Group	1994 carats	1995 carats	1996 carats	1997 carats	1998 carats
DC	3 136 775	4 655 729	5 232 840	6 379 581	4 389 130
LDC	15 024 569	17 103 967	17 883 655	18 063 934	18 412 780
WIC	21 857 461	20 091 056	20 775 900	21 234 952	20 639 600
CPE	47 800	50 000	18 000	35 800	36 000
NCR	8 560 000	8 500 000	9 250 000	9 550 000	10 500 000
Total	48 626 605	50 400 752	53 160 395	55 264 267	53 977 510
of them:					
ACP	17 729 241	21 529 596	22 943 094	24 248 911	22 688 084
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	17 516 000	16 157 200	16 797 200	17 218 400	16 337 200
SADC	17 807 619	20 009 428	21 352 757	24 121 444	22 312 262
	in %	in %	in %	in %	in %
DC	6.45	9.24	9.84	11.54	8.13
LDC	30.90	33.94	33.64	32.69	34.11
WIC	44.95	39.86	39.08	38.42	38.24
CPE	0.10	0.10	0.03	0.06	0.07
NRC	17.60	16.86	17.40	17.28	19.45
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	36.46	42.72	43.16	43.88	42.03
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	36.02	32.06	31.60	31.16	30.27
SADC	36.62	39.70	40.17	43.65	41.34

Diamonds (Ind)

Group	1994 carats	1995 carats	1996 carats	1997 carats	1998 carats
DC	1 189 525	1 357 507	1 584 852	1 846 862	1 223 854
LDC	17 983 706	22 980 405	23 435 544	18 350 088	20 708 237
WIC	32 786 192	30 136 585	31 163 850	31 852 428	30 959 400
CPE	191 200	200 000	72 000	143 200	144 000
NCR	8 560 000	8 500 000	9 250 000	9 550 000	10 500 000
Total	60 710 623	63 174 497	65 506 246	61 742 578	63 535 491
of them:					
ACP	18 835 040	24 110 500	24 861 909	19 976 532	21 824 520
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	26 274 000	24 235 800	25 195 800	25 827 600	24 505 800
SADC	11 530 732	11 534 574	12 088 778	12 996 243	12 844 110
	in %	in %	in %	in %	in %
DC	1.96	2.15	2.42	2.99	1.93
LDC	29.62	36.38	35.78	29.72	32.59
WIC	54.00	47.70	47.57	51.59	48.73
CPE	0.31	0.32	0.11	0.23	0.23
NRC	14.10	13.45	14.12	15.47	16.53
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	31.02	38.16	37.95	32.35	34.35
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	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	43.28	38.36	38.46	41.83	38.57
SADC	18.99	18.26	18.45	21.05	20.22

Diatomite

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	209 150	204 900	206 930	209 954	209 348
LDC	1 700	1 500	1 300	1 000	700
WIC	812 658	834 633	854 713	862 753	876 119
CPE	0	0	0	0	0
NCR	56 240	49 150	49 430	46 400	23 507
Total	1 079 748	1 090 183	1 112 373	1 120 107	1 109 674
of them:					
ACP	2 292	2 078	1 715	1 297	1 168
ASEAN	6 874	5 591	1 576	2 000	912
COMECON	0	0	0	0	0
EC	162 350	110 051	115 672	116 540	111 785
EFTA	20 000	20 000	25 600	26 863	25 734
G7	707 908	772 082	782 041	789 000	803 500
NAFTA	662 708	739 082	754 241	769 000	790 500
OECD	857 058	910 133	1 021 513	1 041 403	1 033 819
SADC	600	500	400	350	300
	in %	in %	in %	in %	in %
DC	19.37	18.80	18.60	18.74	18.87
LDC	0.16	0.14	0.12	0.09	0.06
WIC	75.26	76.56	76.84	77.02	78.95
CPE	0.00	0.00	0.00	0.00	0.00
NRC	5.21	4.51	4.44	4.14	2.12
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.21	0.19	0.15	0.12	0.11
ASEAN	0.64	0.51	0.14	0.18	0.08
COMECON	0.00	0.00	0.00	0.00	0.00
EC	15.04	10.09	10.40	10.40	10.07
EFTA	1.85	1.83	2.30	2.40	2.32
G7	65.56	70.82	70.30	70.44	72.41
NAFTA	61.38	67.79	67.80	68.65	71.24
OECD	79.38	83.48	91.83	92.97	93.16
SADC	0.06	0.05	0.04	0.03	0.03

Feldspar

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	1 840 737	1 947 056	2 029 656	1 880 403	1 637 369
LDC	10 885	7 091	0	0	0
WIC	4 426 148	5 703 577	5 483 045	5 183 269	6 345 009
CPE	3 400	9 300	12 100	14 700	16 000
NCR	380 500	374 361	493 276	534 280	526 510
Total	6 661 670	8 041 385	8 018 077	7 612 652	8 524 888
of them:					
ACP	1 617	3 920	3 248	2 254	2 241
ASEAN	599 832	711 513	717 673	573 116	382 181
COMECON	0	0	0	0	0
EC	2 880 002	3 851 308	3 887 932	3 802 746	4 568 662
EFTA	164 177	73 810	72 555	107 335	82 036
G7	3 321 267	4 114 424	4 168 530	4 161 646	4 806 428
NAFTA	898 643	1 002 178	1 029 764	1 085 760	1 017 866
OECD	3 952 037	5 125 072	6 218 373	5 938 741	7 054 568
SADC	38 773	53 144	56 892	61 942	59 041
	in %	in %	in %	in %	in %
DC	27.63	24.21	25.31	24.70	19.21
LDC	0.16	0.09	0.00	0.00	0.00
WIC	66.44	70.93	68.38	68.09	74.43
CPE	0.05	0.12	0.15	0.19	0.19
NRC	5.71	4.66	6.15	7.02	6.18
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.02	0.05	0.04	0.03	0.03
ASEAN	9.00	8.85	8.95	7.53	4.48
COMECON	0.00	0.00	0.00	0.00	0.00
EC	43.23	47.89	48.49	49.95	53.59
EFTA	2.46	0.92	0.90	1.41	0.96
G7	49.86	51.17	51.99	54.67	56.38
NAFTA	13.49	12.46	12.84	14.26	11.94
OECD	59.33	63.73	77.55	78.01	82.75
SADC	0.58	0.66	0.71	0.81	0.69

Fluorspar

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	659 129	897 580	882 611	868 412	902 232
LDC	1 200	900	800	560	500
WIC	623 816	716 497	686 524	655 027	677 463
CPE	2 740 000	2 220 000	2 162 600	2 568 000	2 751 000
NCR	230 000	292 500	297 500	312 500	435 000
Total	4 254 145	4 127 477	4 030 035	4 404 499	4 766 195
of them:					
ACP	104 669	117 306	115 285	91 908	102 993
ASEAN	23 705	24 144	17 247	7 826	3 743
COMECON	0	0	0	0	0
EC	393 887	460 830	451 778	423 262	433 829
EFTA	0	0	0	0	0
G7	342 887	399 830	362 678	323 262	319 829
NAFTA	376 378	573 658	551 871	572 839	608 043
OECD	770 265	1 034 488	1 008 477	1 001 101	1 046 906
SADC	225 439	232 870	234 303	229 973	270 739
	in %	in %	in %	in %	in %
DC	15.49	21.75	21.90	19.72	18.93
LDC	0.03	0.02	0.02	0.01	0.01
WIC	14.66	17.36	17.04	14.87	14.21
CPE	64.41	53.79	53.66	58.30	57.72
NRC	5.41	7.09	7.38	7.10	9.13
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	2.46	2.84	2.86	2.09	2.16
ASEAN	0.56	0.58	0.43	0.18	0.08
COMECON	0.00	0.00	0.00	0.00	0.00
EC	9.26	11.16	11.21	9.61	9.10
EFTA	0.00	0.00	0.00	0.00	0.00
G7	8.06	9.69	9.00	7.34	6.71
NAFTA	8.85	13.90	13.69	13.01	12.76
OECD	18.11	25.06	25.02	22.73	21.97
SADC	5.30	5.64	5.81	5.22	5.68

Graphite

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	145 861	158 207	205 130	199 764	227 369
LDC	8 000	14 065	14 200	13 250	2 580
WIC	61 398	55 611	83 290	63 795	62 586
CPE	535 400	350 400	380 300	280 200	328 200
NCR	40 825	41 680	44 930	39 800	36 951
Total	791 484	619 963	727 850	596 809	657 686
of them:					
ACP	16 729	25 446	21 891	26 029	16 386
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	874	13 053	36 225	15 082	14 315
EFTA	17 524	2 558	7 065	7 713	8 271
G7	23 874	21 034	22 603	23 030	22 300
NAFTA	53 863	54 388	60 412	69 982	65 481
OECD	54 737	82 422	157 202	141 177	133 067
SADC	8 729	11 481	7 891	13 029	14 056
	in %	in %	in %	in %	in %
DC	18.43	25.52	28.18	33.47	34.57
LDC	1.01	2.27	1.95	2.22	0.39
WIC	7.76	8.97	11.44	10.69	9.52
CPE	67.65	56.52	52.25	46.95	49.90
NRC	5.16	6.72	6.17	6.67	5.62
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	2.11	4.10	3.01	4.36	2.49
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.11	2.11	4.98	2.53	2.18
EFTA	2.21	0.41	0.97	1.29	1.26
G7	3.02	3.39	3.11	3.86	3.39
NAFTA	6.81	8.77	8.30	11.73	9.96
OECD	6.92	13.29	21.60	23.66	20.23
SADC	1.10	1.85	1.08	2.18	2.14

Guano

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	1 100	1 057	950	920	825
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	1 100	1 057	950	920	825
of them:					
ACP	1 000	1 000	900	900	800
ASEAN	100	57	50	20	25
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	90.91	94.61	94.74	97.83	96.97
ASEAN	9.09	5.39	5.26	2.17	3.03
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

Gypsum and Anhydrite

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	28 814 271	29 889 594	32 524 385	32 231 552	29 581 916
LDC	430 998	424 431	392 523	408 047	410 980
WIC	49 143 655	49 225 070	50 142 337	50 075 191	51 774 659
CPE	11 050 000	7 390 000	7 542 000	7 340 000	7 936 000
NCR	3 872 706	3 571 350	3 258 478	2 870 692	2 854 120
Total	93 311 630	90 500 445	93 859 723	92 925 482	92 557 675
of them:					
ACP	365 052	373 568	431 045	301 372	384 537
ASEAN	8 140 617	8 534 025	9 253 240	8 558 955	4 334 210
COMECON	0	0	0	0	0
EC	19 294 405	21 191 087	20 741 114	21 128 822	21 868 102
EFTA	1 359 169	321 800	312 940	293 828	274 300
G7	36 324 383	35 763 304	36 303 383	35 696 038	36 626 704
NAFTA	29 137 110	28 119 840	29 726 900	29 718 900	30 588 305
OECD	50 730 215	51 316 297	55 270 549	55 390 212	56 725 264
SADC	363 377	334 975	375 688	395 279	512 700
	in %	in %	in %	in %	in %
DC	30.88	33.03	34.65	34.69	31.96
LDC	0.46	0.47	0.42	0.44	0.44
WIC	52.67	54.39	53.42	53.89	55.94
CPE	11.84	8.17	8.04	7.90	8.57
NRC	4.15	3.95	3.47	3.09	3.08
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.39	0.41	0.46	0.32	0.42
ASEAN	8.72	9.43	9.86	9.21	4.68
COMECON	0.00	0.00	0.00	0.00	0.00
EC	20.68	23.42	22.10	22.74	23.63
EFTA	1.46	0.36	0.33	0.32	0.30
G7	38.93	39.52	38.68	38.41	39.57
NAFTA	31.23	31.07	31.67	31.98	33.05
OECD	54.37	56.70	58.89	59.61	61.29
SADC	0.39	0.37	0.40	0.43	0.55

Kaolin

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	5 367 035	5 104 310	5 299 054	5 305 265	5 437 131
LDC	14 733	10 625	11 920	14 358	114 065
WIC	15 160 230	16 473 321	15 229 986	15 357 034	17 283 351
CPE	704 900	905 900	956 100	982 000	1 013 450
NCR	1 988 801	1 886 981	2 403 905	2 600 780	2 306 523
Total	23 235 699	24 381 137	23 900 965	24 259 437	26 154 520
of them:					
ACP	6 882	6 504	7 870	8 912	109 008
ASEAN	724 012	720 354	816 076	534 361	456 018
COMECON	0	0	0	0	0
EC	5 226 986	5 959 565	5 305 040	5 462 588	6 999 061
EFTA	468 873	0	0	0	0
G7	13 489 465	14 605 362	13 789 802	13 807 986	15 623 820
NAFTA	8 986 733	9 701 810	9 286 220	9 150 000	9 605 000
OECD	14 595 719	16 176 606	16 353 300	16 705 781	18 378 017
SADC	132 845	147 180	147 828	121 148	102 500
	in %	in %	in %	in %	in %
DC	23.10	20.94	22.17	21.87	20.79
LDC	0.06	0.04	0.05	0.06	0.44
WIC	65.25	67.57	63.72	63.30	66.08
CPE	3.03	3.72	4.00	4.05	3.87
NRC	8.56	7.74	10.06	10.72	8.82
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.03	0.03	0.03	0.04	0.42
ASEAN	3.12	2.95	3.41	2.20	1.74
COMECON	0.00	0.00	0.00	0.00	0.00
EC	22.50	24.44	22.20	22.52	26.76
EFTA	2.02	0.00	0.00	0.00	0.00
G7	58.05	59.90	57.70	56.92	59.74
NAFTA	38.68	39.79	38.85	37.72	36.72
OECD	62.82	66.35	68.42	68.86	70.27
SADC	0.57	0.60	0.62	0.50	0.39

Magnesite

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	779 507	691 597	749 459	800 309	775 658
LDC	0	0	0	0	0
WIC	3 433 171	3 996 271	4 365 329	3 263 797	4 929 732
CPE	3 100 000	3 000 000	3 800 000	4 100 000	3 000 000
NCR	1 887 740	2 115 500	2 235 000	2 496 000	2 694 800
Total	9 200 418	9 803 368	11 149 788	10 660 106	11 400 190
of them:					
ACP	1 588	5 597	10 659	13 050	4 321
ASEAN	18 000	0	0	0	0
COMECON	0	0	0	0	0
EC	725 472	1 522 497	1 571 966	1 584 327	1 590 925
EFTA	681 375	0	0	0	0
G7	300 000	200 000	200 000	150 000	200 000
NAFTA	300 000	200 000	200 000	150 000	200 000
OECD	1 314 543	1 200 421	4 314 971	3 217 098	4 887 432
SADC	73 314	89 886	82 017	89 749	78 621
	in %	in %	in %	in %	in %
DC	8.47	7.05	6.72	7.51	6.80
LDC	0.00	0.00	0.00	0.00	0.00
WIC	37.32	40.76	39.15	30.62	43.24
CPE	33.69	30.60	34.08	38.46	26.32
NRC	20.52	21.58	20.05	23.41	23.64
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.02	0.06	0.10	0.12	0.04
ASEAN	0.20	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	7.89	15.53	14.10	14.86	13.96
EFTA	7.41	0.00	0.00	0.00	0.00
G7	3.26	2.04	1.79	1.41	1.75
NAFTA	3.26	2.04	1.79	1.41	1.75
OECD	14.29	12.24	38.70	30.18	42.87
SADC	0.80	0.92	0.74	0.84	0.69

Perlite

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	66 217	72 991	79 964	86 441	69 156
LDC	0	0	0	0	0
WIC	1 567 488	1 843 378	1 628 098	1 739 216	1 673 474
CPE	0	0	0	0	0
NCR	227 900	227 200	227 300	262 800	248 000
Total	1 861 605	2 143 569	1 935 362	2 088 457	1 990 630
of them:					
ACP	0	0	0	0	0
ASEAN	6 017	17 133	20 000	25 941	6 356
COMECON	0	0	0	0	0
EC	468 699	565 479	598 640	695 917	658 332
EFTA	0	0	0	0	0
G7	844 275	900 103	848 396	903 000	885 000
NAFTA	679 275	735 103	685 813	738 000	721 000
OECD	1 351 574	1 505 982	1 769 133	1 925 366	1 857 344
SADC	914	1 338	682	650	630
	in %	in %	in %	in %	in %
DC	3.56	3.41	4.13	4.14	3.47
LDC	0.00	0.00	0.00	0.00	0.00
WIC	84.20	86.00	84.12	83.28	84.07
CPE	0.00	0.00	0.00	0.00	0.00
NRC	12.24	10.60	11.74	12.58	12.46
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	0.32	0.80	1.03	1.24	0.32
COMECON	0.00	0.00	0.00	0.00	0.00
EC	25.18	26.38	30.93	33.32	33.07
EFTA	0.00	0.00	0.00	0.00	0.00
G7	45.35	41.99	43.84	43.24	44.46
NAFTA	36.49	34.29	35.44	35.34	36.22
OECD	72.60	70.26	91.41	92.19	93.30
SADC	0.05	0.06	0.04	0.03	0.03

Phosphate

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	14 926 954	15 754 041	16 537 167	18 217 273	18 632 258
LDC	784 466	949 090	1 015 567	985 554	852 730
WIC	13 955 850	16 227 042	16 459 060	17 423 023	16 301 855
CPE	25 897 000	27 080 000	31 400 200	30 745 000	31 285 000
NCR	4 736 800	2 775 000	1 981 500	1 580 000	1 875 000
Total	60 301 070	62 785 173	67 393 494	68 950 850	68 946 843
of them:					
ACP	1 445 966	1 569 227	1 679 496	1 609 801	1 445 360
ASEAN	5 871	6 752	8 033	9 151	11 287
COMECON	0	0	0	0	0
EC	0	671 242	667 196	689 053	700 000
EFTA	647 250	0	0	0	0
G7	12 117 600	12 765 000	13 000 000	14 000 000	12 900 000
NAFTA	12 289 290	12 964 153	13 218 265	14 228 372	13 142 032
OECD	12 937 540	13 636 195	13 887 325	14 919 395	13 843 887
SADC	1 235 900	2 836 345	2 827 506	2 764 487	2 728 280
	in %	in %	in %	in %	in %
DC	24.75	25.09	24.54	26.42	27.02
LDC	1.30	1.51	1.51	1.43	1.24
WIC	23.14	25.85	24.42	25.27	23.64
CPE	42.95	43.13	46.59	44.59	45.38
NRC	7.86	4.42	2.94	2.29	2.72
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	2.40	2.50	2.49	2.33	2.10
ASEAN	0.01	0.01	0.01	0.01	0.02
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.00	1.07	0.99	1.00	1.02
EFTA	1.07	0.00	0.00	0.00	0.00
G7	20.10	20.33	19.29	20.30	18.71
NAFTA	20.38	20.65	19.61	20.64	19.06
OECD	21.45	21.72	20.61	21.64	20.08
SADC	2.05	4.52	4.20	4.01	3.96

Potash

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	2 412 390	2 751 960	2 935 890	2 802 619	3 132 610
LDC	0	0	0	0	0
WIC	14 928 834	15 760 260	14 914 453	16 267 569	15 524 894
CPE	60 000	90 000	80 000	100 000	150 000
NCR	6 110 000	6 960 000	7 450 000	9 029 000	9 359 000
Total	23 511 224	25 562 220	25 380 343	28 199 188	28 166 504
<i>of them:</i>					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	5 491 834	5 422 860	5 474 453	5 536 569	5 255 894
EFTA	0	0	0	0	0
G7	14 269 834	15 120 860	14 234 453	15 628 569	14 939 894
NAFTA	9 437 000	10 335 000	9 440 000	10 731 000	10 269 000
OECD	14 928 834	15 757 860	14 914 453	16 267 569	15 524 894
SADC	0	2 400	0	0	0
	in %	in %	in %	in %	in %
DC	10.26	10.77	11.57	9.94	11.12
LDC	0.00	0.00	0.00	0.00	0.00
WIC	63.50	61.65	58.76	57.69	55.12
CPE	0.26	0.35	0.32	0.35	0.53
NRC	25.99	27.23	29.35	32.02	33.23
Total	100.00	100.00	100.00	100.00	100.00
<i>of them:</i>					
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	23.36	21.21	21.57	19.63	18.66
EFTA	0.00	0.00	0.00	0.00	0.00
G7	60.69	59.15	56.08	55.42	53.04
NAFTA	40.14	40.43	37.19	38.05	36.46
OECD	63.50	61.65	58.76	57.69	55.12
SADC	0.00	0.01	0.00	0.00	0.00

Salt

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	36 096 796	37 814 416	38 828 163	41 073 571	43 871 225
LDC	2 055 457	2 044 303	1 936 286	1 822 485	1 649 560
WIC	101 252 572	108 330 603	109 898 826	113 596 127	108 458 154
CPE	33 287 400	26 072 500	30 096 800	30 322 900	23 410 000
NCR	12 626 613	13 241 700	11 415 000	10 719 832	10 757 290
Total	185 318 838	187 503 522	192 175 075	197 534 915	188 146 229

of them:

ACP	2 100 496	2 097 621	1 968 640	1 951 717	1 892 850
ASEAN	1 450 061	1 580 511	1 649 674	1 641 514	1 546 096
COMECON	0	0	0	0	0
EC	37 493 753	43 057 588	43 431 716	45 126 927	41 595 528
EFTA	1 004 550	413 000	464 000	415 400	400 900
G7	81 794 245	87 184 584	88 755 040	90 047 577	85 334 700
NAFTA	58 800 414	60 776 549	62 834 148	62 597 072	62 367 063
OECD	101 918 167	108 633 745	121 220 864	124 136 399	120 420 117
SADC	1 090 084	1 130 116	958 670	1 132 947	1 204 938

	in %	in %	in %	in %	in %
DC	19.48	20.17	20.20	20.79	23.32
LDC	1.11	1.09	1.01	0.92	0.88
WIC	54.64	57.78	57.19	57.51	57.65
CPE	17.96	13.91	15.66	15.35	12.44
NRC	6.81	7.06	5.94	5.43	5.72
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	1.13	1.12	1.02	0.99	1.01
ASEAN	0.78	0.84	0.86	0.83	0.82
COMECON	0.00	0.00	0.00	0.00	0.00
EC	20.23	22.96	22.60	22.85	22.11
EFTA	0.54	0.22	0.24	0.21	0.21
G7	44.14	46.50	46.18	45.59	45.36
NAFTA	31.73	32.41	32.70	31.69	33.15
OECD	55.00	57.94	63.08	62.84	64.00
SADC	0.59	0.60	0.50	0.57	0.64

Sulfur

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	5 535 113	4 915 868	5 782 715	5 676 463	5 822 293
LDC	38 000	37 000	32 000	28 000	33 956
WIC	26 910 749	27 592 002	26 129 128	25 471 241	23 421 840
CPE	5 560 100	5 550 000	5 610 000	6 130 000	6 120 000
NCR	4 880 273	5 099 301	4 839 124	5 665 333	5 653 735
Total	42 924 235	43 194 171	42 392 967	42 971 037	41 051 824
of them:					
ACP	128 648	129 000	107 338	99 476	103 956
ASEAN	63 300	3 000	3 165	9 177	10 000
COMECON	0	0	0	0	0
EC	3 153 044	3 728 040	3 509 993	3 496 580	3 514 736
EFTA	438 887	43 000	42 900	42 500	42 300
G7	24 623 044	25 335 468	24 050 389	23 431 275	21 362 675
NAFTA	20 504 897	21 694 414	21 031 349	21 325 952	19 380 826
OECD	27 146 664	27 862 114	28 318 242	28 007 401	25 266 766
SADC	609 364	580 962	576 573	559 668	550 856
	in %	in %	in %	in %	in %
DC	12.90	11.38	13.64	13.21	14.18
LDC	0.09	0.09	0.08	0.07	0.08
WIC	62.69	63.88	61.64	59.28	57.05
CPE	12.95	12.85	13.23	14.27	14.91
NRC	11.37	11.81	11.41	13.18	13.77
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.30	0.30	0.25	0.23	0.25
ASEAN	0.15	0.01	0.01	0.02	0.02
COMECON	0.00	0.00	0.00	0.00	0.00
EC	7.35	8.63	8.28	8.14	8.56
EFTA	1.02	0.10	0.10	0.10	0.10
G7	57.36	58.65	56.73	54.53	52.04
NAFTA	47.77	50.23	49.61	49.63	47.21
OECD	63.24	64.50	66.80	65.18	61.55
SADC	1.42	1.35	1.36	1.30	1.34

Talc

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	1 811 867	1 902 930	1 834 643	2 002 073	1 898 158
LDC	3 351	2 742	2 680	6 850	6 457
WIC	3 101 419	3 274 975	3 390 924	3 424 400	3 484 047
CPE	2 820 000	2 500 000	2 610 000	2 470 000	2 300 000
NCR	358 100	352 700	332 650	302 900	270 733
Total	8 094 737	8 033 347	8 170 897	8 206 223	7 959 395
<i>of them:</i>					
ACP	2 399	2 460	1 456	1 373	1 339
ASEAN	45 000	80 541	71 668	30 500	21 720
COMECON	0	0	0	0	0
EC	522 327	1 205 143	1 447 029	1 457 541	1 544 515
EFTA	610 658	30 683	28 140	30 475	21 000
G7	2 213 679	2 350 195	2 234 523	2 240 635	2 248 473
NAFTA	1 079 725	1 148 650	1 079 414	1 140 000	1 143 800
OECD	2 941 108	3 109 448	4 114 187	4 232 716	4 340 435
SADC	16 108	17 190	19 993	24 557	24 171
	in %	in %	in %	in %	in %
DC	22.38	23.69	22.45	24.40	23.85
LDC	0.04	0.03	0.03	0.08	0.08
WIC	38.31	40.77	41.50	41.73	43.77
CPE	34.84	31.12	31.94	30.10	28.90
NRC	4.42	4.39	4.07	3.69	3.40
Total	100.00	100.00	100.00	100.00	100.00
<i>of them:</i>					
ACP	0.03	0.03	0.02	0.02	0.02
ASEAN	0.56	1.00	0.88	0.37	0.27
COMECON	0.00	0.00	0.00	0.00	0.00
EC	6.45	15.00	17.71	17.76	19.40
EFTA	7.54	0.38	0.34	0.37	0.26
G7	27.35	29.26	27.35	27.30	28.25
NAFTA	13.34	14.30	13.21	13.89	14.37
OECD	36.33	38.71	50.35	51.58	54.53
SADC	0.20	0.21	0.24	0.30	0.30

Vermiculite

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	59 187	62 715	54 991	41 256	40 472
LDC	0	0	0	0	0
WIC	415 678	406 948	366 482	371 401	410 000
CPE	0	0	0	0	0
NCR	50 000	40 000	40 000	35 000	80 000
Total	524 865	509 663	461 473	447 657	530 472
<i>of them:</i>					
ACP	9 297	14 199	10 983	16 259	15 157
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	192 000	185 000	180 000	160 000	188 000
NAFTA	177 300	170 200	170 225	150 350	180 360
OECD	192 500	185 400	180 625	160 750	189 060
SADC	231 662	235 490	196 331	225 842	236 104
	in %	in %	in %	in %	in %
DC	11.28	12.31	11.92	9.22	7.63
LDC	0.00	0.00	0.00	0.00	0.00
WIC	79.20	79.85	79.42	82.97	77.29
CPE	0.00	0.00	0.00	0.00	0.00
NRC	9.53	7.85	8.67	7.82	15.08
Total	100.00	100.00	100.00	100.00	100.00
<i>of them:</i>					
ACP	1.77	2.79	2.38	3.63	2.86
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	36.58	36.30	39.01	35.74	35.44
NAFTA	33.78	33.39	36.89	33.59	34.00
OECD	36.68	36.38	39.14	35.91	35.64
SADC	44.14	46.21	42.54	50.45	44.51

Zircon

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	68 303	56 790	59 516	54 460	48 914
LDC	0	0	0	0	0
WIC	866 000	860 000	908 500	772 000	723 000
CPE	10 000	15 000	15 000	15 000	13 000
NCR	50 000	65 000	65 000	55 000	50 000
Total	994 303	996 790	1 048 016	896 460	834 914
of them:					
ACP	0	0	0	0	0
ASEAN	1 982	3 790	4 516	5 010	5 100
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	125 000	100 000	100 000	80 000	70 000
NAFTA	125 000	100 000	100 000	80 000	70 000
OECD	636 000	610 000	562 000	507 000	463 000
SADC	230 000	250 000	346 500	265 000	260 000
	in %	in %	in %	in %	in %
DC	6.87	5.70	5.68	6.08	5.86
LDC	0.00	0.00	0.00	0.00	0.00
WIC	87.10	86.28	86.69	86.12	86.60
CPE	1.01	1.50	1.43	1.67	1.56
NRC	5.03	6.52	6.20	6.14	5.99
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	0.20	0.38	0.43	0.56	0.61
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	12.57	10.03	9.54	8.92	8.38
NAFTA	12.57	10.03	9.54	8.92	8.38
OECD	63.96	61.20	53.63	56.56	55.45
SADC	23.13	25.08	33.06	29.56	31.14

6.3.5 Mineral Fuels Energierohstoffe

Hard Coal

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	347 740 892	364 620 832	403 848 515	421 092 054	426 023 485
LDC	1 548 294	1 569 582	1 546 340	1 388 917	1 470 973
WIC	1 481 265 438	1 500 773 726	1 500 016 620	1 549 695 612	1 619 358 142
CPE	1 197 500 000	1 407 200 000	1 451 300 000	1 430 700 000	1 358 500 000
NCR	534 395 786	518 493 471	501 587 705	462 178 298	419 265 820
Total	3 562 450 410	3 792 657 611	3 858 299 180	3 865 054 881	3 824 618 420

of them:

ACP	6 206 167	6 348 992	6 692 330	6 816 766	6 843 177
ASEAN	32 605 059	39 743 977	49 112 356	55 857 526	62 052 471
COMECON	0	0	0	0	0
EC	123 513 854	132 242 599	124 725 297	119 602 987	104 560 952
EFTA	301 190	292 094	229 636	386 440	328 169
G7	1 036 081 348	1 042 287 247	1 061 579 617	1 082 653 987	1 089 692 952
NAFTA	926 191 585	926 533 705	958 169 838	985 379 976	1 005 422 227
OECD	1 287 340 965	1 321 528 460	1 461 163 105	1 493 627 268	1 540 217 397
SADC	201 761 607	210 363 916	212 782 341	225 194 086	231 183 177

	in %	in %	in %	in %	in %
DC	9.76	9.61	10.47	10.89	11.14
LDC	0.04	0.04	0.04	0.04	0.04
WIC	41.58	39.57	38.88	40.10	42.34
CPE	33.61	37.10	37.62	37.02	35.52
NRC	15.00	13.67	13.00	11.96	10.96
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.17	0.17	0.17	0.18	0.18
ASEAN	0.92	1.05	1.27	1.45	1.62
COMECON	0.00	0.00	0.00	0.00	0.00
EC	3.47	3.49	3.23	3.09	2.73
EFTA	0.01	0.01	0.01	0.01	0.01
G7	29.08	27.48	27.51	28.01	28.49
NAFTA	26.00	24.43	24.83	25.49	26.29
OECD	36.14	34.84	37.87	38.64	40.27
SADC	5.66	5.55	5.51	5.83	6.04

Lignite

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	36 356 654	40 418 738	44 225 894	48 443 000	43 170 721
LDC	83 546	40 756	49 912	30 737	29 278
WIC	478 001 230	456 535 927	455 208 614	454 549 883	427 375 247
CPE	60 730 000	59 700 000	62 922 000	50 500 000	70 200 000
NCR	352 377 043	353 362 698	318 806 281	334 581 024	316 131 734
Total	927 548 473	910 058 119	881 212 701	888 104 644	856 906 980
of them:					
ACP	0	0	0	0	0
ASEAN	17 099 654	18 418 738	21 685 894	23 443 000	20 161 721
COMECON	0	0	0	0	0
EC	282 138 562	263 084 049	258 650 377	246 603 946	238 886 645
EFTA	1 368 717	0	0	0	0
G7	299 697 675	283 584 416	279 648 894	268 724 741	228 876 061
NAFTA	90 590 628	89 077 897	91 448 255	90 652 553	61 790 000
OECD	421 594 174	458 028 529	589 927 614	586 817 883	553 005 647
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	3.92	4.44	5.02	5.45	5.04
LDC	0.01	0.00	0.01	0.00	0.00
WIC	51.53	50.17	51.66	51.18	49.87
CPE	6.55	6.56	7.14	5.69	8.19
NRC	37.99	38.83	36.18	37.67	36.89
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	1.84	2.02	2.46	2.64	2.35
COMECON	0.00	0.00	0.00	0.00	0.00
EC	30.42	28.91	29.35	27.77	27.88
EFTA	0.15	0.00	0.00	0.00	0.00
G7	32.31	31.16	31.73	30.26	26.71
NAFTA	9.77	9.79	10.38	10.21	7.21
OECD	45.45	50.33	66.94	66.08	64.54
SADC	0.00	0.00	0.00	0.00	0.00

Natural Gas

Group	1994 Mio m3	1995 Mio m3	1996 Mio m3	1997 Mio m3	1998 Mio m3
DC	483 560	502 649	527 200	574 640	579 313
LDC	9 223	9 862	11 175	11 800	11 700
WIC	1 062 517	1 107 061	1 010 037	1 006 789	1 006 160
CPE	16 620	18 017	19 019	24 037	24 550
NCR	702 898	736 130	731 082	697 882	713 365
Total	2 274 818	2 373 719	2 298 513	2 315 148	2 335 088
of them:					
ACP	12 821	14 001	14 369	13 718	15 255
ASEAN	125 584	141 810	147 200	152 445	151 249
COMECON	0	0	0	0	0
EC	182 027	211 353	241 155	227 799	224 517
EFTA	31 356	31 100	41 100	45 600	47 100
G7	906 605	951 381	827 692	831 766	832 884
NAFTA	839 518	854 037	720 085	727 542	731 900
OECD	972 963	1 022 162	1 049 552	1 049 031	1 051 693
SADC	580	600	500	450	400
	in %	in %	in %	in %	in %
DC	21.26	21.18	22.94	24.82	24.81
LDC	0.41	0.42	0.49	0.51	0.50
WIC	46.71	46.64	43.94	43.49	43.09
CPE	0.73	0.76	0.83	1.04	1.05
NRC	30.90	31.01	31.81	30.14	30.55
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0.56	0.59	0.63	0.59	0.65
ASEAN	5.52	5.97	6.40	6.58	6.48
COMECON	0.00	0.00	0.00	0.00	0.00
EC	8.00	8.90	10.49	9.84	9.61
EFTA	1.38	1.31	1.79	1.97	2.02
G7	39.85	40.08	36.01	35.93	35.67
NAFTA	36.90	35.98	31.33	31.43	31.34
OECD	42.77	43.06	45.66	45.31	45.04
SADC	0.03	0.03	0.02	0.02	0.02

Oil

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	1 851 818 017	1 875 467 124	1 922 322 288	2 001 295 053	2 013 216 308
LDC	19 861 558	21 656 937	20 181 000	20 524 000	21 388 000
WIC	763 300 095	820 831 619	861 198 610	869 150 412	890 592 790
CPE	152 800 000	158 320 654	165 775 900	171 961 500	176 847 310
NCR	374 263 079	382 862 199	361 726 520	411 744 660	410 064 665
Total	3 162 042 749	3 259 138 533	3 331 204 318	3 474 675 625	3 512 109 073
of them:					
ACP	177 251 069	178 419 403	195 508 577	204 150 663	188 948 423
ASEAN	123 185 773	124 848 801	123 820 058	125 351 231	125 794 943
COMECON	0	0	0	0	0
EC	146 453 498	148 993 590	148 250 255	147 969 898	167 456 917
EFTA	127 145 822	133 004 175	158 400 000	160 800 000	158 900 000
G7	582 908 115	637 229 774	650 854 352	651 398 535	680 645 397
NAFTA	608 879 927	656 272 000	679 632 000	689 863 700	700 069 000
OECD	784 949 125	832 873 768	1 025 645 410	1 040 145 842	1 061 666 190
SADC	26 100 000	32 338 270	36 510 950	37 000 000	37 500 000
	in %	in %	in %	in %	in %
DC	58.56	57.54	57.71	57.60	57.32
LDC	0.63	0.66	0.61	0.59	0.61
WIC	24.14	25.19	25.85	25.01	25.36
CPE	4.83	4.86	4.98	4.95	5.04
NRC	11.84	11.75	10.86	11.85	11.68
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	5.61	5.47	5.87	5.88	5.38
ASEAN	3.90	3.83	3.72	3.61	3.58
COMECON	0.00	0.00	0.00	0.00	0.00
EC	4.63	4.57	4.45	4.26	4.77
EFTA	4.02	4.08	4.76	4.63	4.52
G7	18.43	19.55	19.54	18.75	19.38
NAFTA	19.26	20.14	20.40	19.85	19.93
OECD	24.82	25.56	30.79	29.94	30.23
SADC	0.83	0.99	1.10	1.06	1.07

Oil Shale

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	398 084	389 799	344 758	396 782	373 789
CPE	0	0	0	0	0
NCR	21 500 000	15 800 000	16 200 000	16 382 723	14 464 000
Total	21 898 084	16 189 799	16 544 758	16 779 505	14 837 789
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	397 754	389 799	344 758	396 782	373 789
EFTA	330	0	0	0	0
G7	397 754	389 301	344 258	396 262	373 357
NAFTA	0	0	0	0	0
OECD	397 754	389 301	344 758	396 782	373 789
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	1.82	2.41	2.08	2.36	2.52
CPE	0.00	0.00	0.00	0.00	0.00
NRC	98.18	97.59	97.92	97.64	97.48
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	1.82	2.41	2.08	2.36	2.52
EFTA	0.00	0.00	0.00	0.00	0.00
G7	1.82	2.40	2.08	2.36	2.52
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	1.82	2.40	2.08	2.36	2.52
SADC	0.00	0.00	0.00	0.00	0.00

Uranium

Group	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t
DC	3 471	3 018	3 805	4 133	4 353
LDC	2 964	2 330	3 919	4 124	4 400
WIC	17 228	19 887	22 903	21 676	21 852
CPE	920	930	681	650	600
NCR	8 679	7 217	6 991	6 303	6 758
Total	33 262	33 382	38 299	36 886	37 963
of them:					
ACP	5 958	4 977	7 370	8 022	8 518
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	1 710	1 248	1 243	969	954
EFTA	0	0	0	0	0
G7	12 327	13 454	15 003	14 188	14 564
NAFTA	11 008	12 562	14 123	13 586	13 980
OECD	15 322	18 909	21 913	20 492	20 864
SADC	4 391	3 706	4 592	4 750	4 395
	in %	in %	in %	in %	in %
DC	10.44	9.04	9.93	11.20	11.47
LDC	8.91	6.98	10.23	11.18	11.59
WIC	51.79	59.57	59.80	58.76	57.56
CPE	2.77	2.79	1.78	1.76	1.58
NRC	26.09	21.62	18.25	17.09	17.80
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	17.91	14.91	19.24	21.75	22.44
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	5.14	3.74	3.25	2.63	2.51
EFTA	0.00	0.00	0.00	0.00	0.00
G7	37.06	40.30	39.17	38.46	38.36
NAFTA	33.09	37.63	36.88	36.83	36.83
OECD	46.06	56.64	57.22	55.55	54.96
SADC	13.20	11.10	11.99	12.88	11.58

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	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Albania	7 000	7 000	6 500	6 000	5 500	2n
Algeria	1 105 380	1 188 000	1 212 300	883 980	1 258 200	1h
Argentina	28 181	310	0	0	0	1e
Australia	80 950 590	90 049 680	92 698 830	100 583 910	96 997 320	1e
Austria	519 137	664 455	634 226	574 121	573 440	1e
Azerbaijan	300 000	0	0	0	11 000	1a
Bolivia	35 400	0	0	0	0	1a
Brazil	97 440 000	107 880 000	110 780 000	108 286 000	120 060 000	1h
Bulgaria	197 456	215 945	222 424	260 550	185 039	1a
Canada	22 329 660	22 343 080	21 965 400	22 744 000	23 774 000	2e
Chile	5 272 758	5 142 300	5 539 471	5 330 180	5 681 224	1a
China	74 880 000	79 680 000	80 000 000	79 680 000	67 200 000	1h
Colombia	365 800	350 000	382 632	442 474	315 714	1e
DPR Korea	4 500 000	4 000 000	3 800 000	3 700 000	3 500 000	2n
Egypt	1 741 050	1 094 944	1 000 000	1 233 000	1 350 639	1a
France	706 000	432 000	422 000	145 300	0	1h
Germany, Federal Rep.	20 400	9 600	14 600	32 046	84 680	1e
Guatemala	2 400	1 680	2 053	2 100	2 143	1a
India	38 110 270	37 788 000	38 856 000	46 900 000	45 223 000	1a
Indonesia	184 192	191 604	233 806	268 094	308 288	1a
Iran	5 561 600	4 836 000	5 008 500	4 828 300	4 777 950	1a
Japan	3 058	1 301	3 563	1 537	1 720	1a
Kazakhstan	13 458 000	18 525 000	16 250 000	13 700 000	8 693 000	2h
Korea, Republic of	107 135	103 288	100 000	100 000	133 421	1a
Malaysia	202 682	181 972	285 294	269 087	376 090	1e
Mauritania	6 722 300	7 484 100	7 252 700	7 663 500	6 726 200	1a
Mexico	4 412 954	4 500 089	4 887 562	5 023 826	5 067 406	1e
Morocco	38 110	27 383	7 105	7 207	5 685	1a
New Zealand	1 200 600	1 370 074	1 353 578	1 450 000	1 276 000	1h
Nigeria	100 000	90 000	80 000	72 484	70 000	2n
Norway	1 650 000	1 458 300	1 117 651	478 000	409 200	1a
Pakistan	2 504	0	0	2 015	6 291	1a
Peru	4 636 628	3 948 200	2 915 691	2 965 889	3 282 118	1e
Portugal	5 409	5 417	7 876	7 933	8 159	1a
Romania	165 050	159 000	159 250	110 373	113 605	1a
Russia	40 319 400	43 065 000	39 655 000	38 940 000	39 765 000	2h

Saudi Arabia	0	155 000	139 160	110 000	100 000	2n
Slovakia	289 400	261 027	256 000	264 174	262 416	1e
South Africa, Rep. of	21 008 790	20 908 365	18 497 940	19 920 000	19 779 000	1e
Spain	917 000	944 000	1 269 000	580 000	520 000	2e
Sweden	12 584 384	10 678 841	9 416 960	9 809 205	13 461 760	1a
Thailand	88 533	34 480	85 880	44 000	90 700	1e
Tunisia	129 600	121 500	129 060	136 080	118 800	1e
Turkey	3 867 271	3 303 888	4 205 498	4 112 421	3 943 237	1a
Ukraine	51 464 000	50 400 000	47 600 000	53 000 000	50 700 000	2h
United Kingdom	299	230	276	276	276	2e
United States	36 788 000	39 577 000	39 186 000	38 000 000	37 926 000	1e
Uruguay	0	735	845	2 210	2 500	2n
Venezuela	11 535 922	12 274 920	13 130 460	15 775 200	16 214 192	1e
Yugoslavia	84 900	96 200	150 000	150 000	130 000	2n
Zimbabwe	210 000	186 811	194 365	287 419	222 953	1e
Total	546 249 203	575 736 719	571 115 456	588 882 891	580 713 866	

Chromium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Afghanistan	0	1 764	1 500	1 365	525	1a
Albania	11 381	30 892	30 402	22 000	14 000	1h
Argentina	10	0	0	0	0	1e
Brazil	149 000	175 667	216 600	112 274	90 000	1h
China	32 000	80 000	80 000	75 000	70 000	2n
Cuba	14 850	10 131	12 309	14 553	17 000	2n
Finland	286 374	298 837	291 087	350 648	249 000	1a
Greece	1 960	2 000	11 729	5 050	1 950	1e
India	461 701	460 000	538 182	644 000	613 994	1a
Iran	152 290	156 352	138 618	104 509	146 200	1a
Japan	2 240	2 000	2 000	1 800	1 500	2n
Kazakhstan	1 403 520	1 039 310	511 700	430 000	688 000	2h
Madagascar	44 198	49 000	67 130	58 800	33 963	1e
Morocco	140	0	0	0	0	1a
Myanmar	200	200	150	130	120	2n
Oman	2 480	2 120	6 100	7 160	11 902	1e
Pakistan	2 496	5 968	5 000	7 478	5 180	1a
Philippines	10 881	13 316	18 524	16 673	12 188	1a
Russia	54 000	67 500	43 515	65 250	58 500	2h
South Africa, Rep. of	1 547 773	2 337 667	2 137 506	2 468 629	2 786 400	1e
Sudan	5 150	9 900	7 500	13 300	14 000	1h
Turkey	495 468	409 500	547 403	812 793	604 997	1a
Viet Nam	1 500	1 400	1 300	1 300	2 000	2n
Yugoslavia	2 500	0	0	0	0	1f
Zimbabwe	231 300	318 345	296 287	301 390	272 432	1e
Total	4 913 412	5 471 869	4 964 542	5 514 102	5 693 851	

Cobalt

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	2 100	2 400	2 500	2 500	2 000	1h
Botswana	223	271	405	348	352	1h
Canada	2 692	2 016	2 190	2 200	2 324	2e
China	300	250	400	450	600	2n
Cuba	1 500	2 045	1 600	1 950	2 000	2n
Kazakhstan	1 394	300	300	300	300	2h
Morocco	419	535	554	785	287	1a
Russia	3 000	3 300	3 500	3 300	3 200	2h
South Africa, Rep. of	258	190	244	319	296	1e
Zaire	3 631	3 967	4 041	4 041	3 944	1h
Zambia	3 705	5 908	5 126	5 126	8 838	1a
Zimbabwe	126	189	106	126	100	1e
Total	19 348	21 371	20 966	21 445	24 241	

Manganese

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	953 280	1 044 480	1 012 320	1 647 000	1 500 000	1e
Brazil	840 000	840 000	852 000	849 600	872 000	1h
Bulgaria	3 000	5 600	13 059	14 215	16 679	1a
Chile	19 026	20 188	18 866	19 102	14 345	1a
China	952 000	1 180 000	1 000 000	1 200 000	1 500 000	2n
Colombia	160	150	140	130	120	2n
Egypt	0	1 207	1 300	1 500	1 600	2n
Gabon	832 000	1 014 000	1 031 116	988 000	572 000	1n
Georgia	250 000	200 000	97 000	35 112	16 000	1a
Ghana	95 372	74 760	106 576	132 977	153 669	1h
Greece	1 768	2 035	2 572	1 800	1 898	1e
Hungary	9 488	9 132	8 437	12 900	8 700	1a
India	624 298	640 000	681 806	706 800	583 422	1a
Indonesia	15 500	16 000	17 375	18 600	25 205	1a
Iran	24 000	29 920	32 300	45 900	64 600	1a
Italy	1 868	1 612	1 457	2 128	924	1a
Kazakhstan	100 000	128 430	129 000	120 000	119 700	2h
Mexico	91 272	140 662	173 380	192 825	187 103	1e
Morocco	13 815	12 592	13 260	13 863	12 749	1a
Namibia	30 000	46 739	45 250	34 907	30 000	1h
Pakistan	90	0	0	0	0	1a
Philippines	800	0	0	0	0	1a
Romania	27 195	26 245	29 442	20 647	20 012	1a
South Africa, Rep. of	1 226 000	1 392 740	1 393 229	1 341 884	1 308 920	1e
Thailand	2 900	3 478	3 095	291	52	1e
Ukraine	1 000 000	1 100 000	1 040 000	1 030 000	1 446 900	2h
Total	7 113 832	7 929 970	7 702 980	8 430 181	8 456 598	

Molybdenum

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Armenia	500	500	670	680	650	2n
Canada	9 541	9 113	8 169	7 540	7 563	2e
Chile	15 949	17 885	17 414	21 339	16 977	1a
China	18 667	17 500	18 000	25 000	30 000	2n
Iran	1 700	1 655	2 600	2 600	3 100	1a
Kazakhstan	534	400	400	400	100	2h
Korea, Republic of	4	0	0	0	0	1h
Mexico	2 613	3 883	4 211	4 842	5 948	1e
Mongolia	1 500	1 500	2 000	2 200	2 300	2n
Peru	4 631	3 411	3 667	3 835	4 344	1e
Russia	4 800	4 500	4 000	4 000	2 000	2h
United States	46 810	60 877	54 900	58 500	53 500	1e
Uzbekistan	700	500	700	650	600	2n
Total	107 949	121 724	116 731	131 586	127 082	

Nickel

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	82 000	102 000	113 000	134 000	144 000	1e
Botswana	17 468	15 294	17 461	14 996	19 432	1h
Brazil	16 508	15 676	16 432	18 199	26 350	1h
Canada	105 144	119 600	127 439	180 600	200 908	2e
China	31 200	36 000	43 000	39 900	48 100	1f
Colombia	20 840	24 567	21 092	24 774	28 140	1e
Cuba	26 700	42 696	53 700	61 500	67 700	1f
Dominican Republic	30 562	30 890	30 387	32 500	25 200	1f
Finland	15 900	3 548	3 078	3 043	1 789	1a
Greece	16 182	17 155	17 801	17 609	15 000	1h
Indonesia	46 040	50 267	68 537	56 599	54 733	1a
Kazakhstan	0	1 200	1 200	1 200	1 200	1f
Macedonia	3 980	5 200	4 500	4 900	6 000	1f
Myanmar	226	170	0	0	0	1h
New Caledonia	97 300	120 700	124 800	136 500	125 300	1f
Norway	2 938	2 892	2 820	2 435	2 964	1a
Philippines	9 985	15 074	14 700	17 400	12 840	1a
Russia	215 000	200 000	190 000	260 000	250 000	2h
South Africa, Rep. of	30 135	29 602	33 861	34 830	36 700	1e
Ukraine	2 396	2 200	500	0	0	1f
United States	2 000	1 557	1 500	1 500	4 290	1e
Yugoslavia	4 000	1 200	2 500	2 700	800	1f
Zimbabwe	13 800	10 864	9 694	10 134	10 135	1e
Total	790 304	848 352	898 002	1 055 319	1 081 581	

Tantalum-Columbium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	246	275	280	290	300	2n
Bolivia	2	6	6	7	16	1a
Brazil	31 625	42 968	48 000	45 385	49 470	1h
Canada	5 700	5 700	5 000	4 500	2 200	2e
Ethiopia	35	35	53	60	50	1e
Nigeria	40	20	20	20	18	2n
Rwanda	100	100	99	256	260	2n
Zaire	30	20	10	10	8	2n
Zimbabwe	7	0	0	0	0	1e
Total	37 785	49 124	53 468	50 528	52 322	

Titanium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	1 176 356	1 279 650	1 287 480	1 472 612	1 538 850	1e
Brazil	54 528	57 113	60 000	54 216	53 000	2n
Canada	752 400	750 000	700 000	650 000	630 000	2n
China	78 000	80 000	80 000	100 000	110 000	2n
Egypt	2 000	9 329	1 300	18 000	20 410	1a
India	170 000	150 000	160 000	155 000	242 322	1h
Kazakhstan	0	9 592	12 500	13 000	12 000	2h
Malaysia	63 737	64 477	69 883	70 000	65 000	2n
Norway	366 008	368 208	329 840	246 903	261 134	1a
Russia	10 000	16 000	21 000	26 000	22 000	1h
Sierra Leone	171 009	174 901	160 000	150 000	184 790	1h
South Africa, Rep. of	550 000	830 000	930 000	1 040 000	1 100 000	2n
Sri Lanka	34 312	32 000	36 030	21 940	19 917	1a
Thailand	950	0	0	0	0	1e
Ukraine	224 283	200 000	200 000	200 000	250 000	2h
United States	165 000	150 000	150 000	130 000	150 000	2n
Viet Nam	22 500	36 000	36 000	35 000	44 550	1a
Total	3 841 083	4 207 270	4 234 033	4 382 671	4 703 973	

Tungsten

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	23	0	0	0	0	1e
Austria	0	957	1 805	1 916	1 813	1e
Bolivia	582	826	733	647	627	1a
Brazil	90	100	100	51	0	1h
China	16 000	20 000	26 000	25 000	24 000	1h
DPR Korea	800	600	500	450	400	2n
India	3	0	0	0	0	1a

Kazakhstan	154	288	280	200	200	2n
Malaysia	1	1	0	0	0	1e
Mexico	0	287	188	179	130	1e
Mongolia	0	0	32	0	0	1n
Myanmar	92	144	23	14	9	1h
Peru	259	728	331	279	76	1e
Portugal	60	873	776	1 029	1 436	1a
Russia	2 000	2 000	600	500	600	2h
Rwanda	65	85	104	78	75	2n
Tajikistan	150	100	75	50	0	1e
Thailand	116	92	67	54	61	1e
Uganda	12	17	0	40	7	1e
United States	100	100	100	100	100	2n
Uzbekistan	0	300	300	300	250	2n
Zimbabwe	0	0	0	2	0	2n
Total	20 507	27 498	32 014	30 889	29 784	

Vanadium

Country	1994 <i>metr.t</i>	1995 <i>metr.t</i>	1996 <i>metr.t</i>	1997 <i>metr.t</i>	1998 <i>metr.t</i>	Rem
China	8 500	5 000	5 500	7 000	7 500	2n
Kazakhstan	0	900	900	900	1 000	2h
Russia	10 000	10 500	10 000	11 000	9 000	2h
South Africa, Rep. of	16 000	15 500	14 800	16 950	17 159	1h
United States	1 500	1 991	2 700	2 500	2 000	2n
Total	36 000	33 891	33 900	38 350	36 659	

6.4.2

*Non-Ferrous Metals**Nichteisenmetalle*

Aluminium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Argentina	180 000	180 000	170 000	183 700	186 700	1f
Australia	1 318 000	1 297 000	1 371 000	1 589 000	1 626 000	1e
Azerbaijan	4 000	4 000	6 000	4 717	4 757	1a
Bahrain	449 419	460 000	460 000	489 900	460 000	1h
Brazil	1 185 000	1 180 000	1 200 000	1 189 000	1 210 000	1h
Cameroon	78 000	79 300	82 300	90 900	82 000	1f
Canada	2 254 683	2 171 992	2 283 000	2 327 200	2 374 100	1f
China	1 446 000	1 870 000	1 780 000	2 050 000	2 435 300	1f
Dubai (UAE)	230 000	247 000	135 000	250 000	250 000	2h
Egypt	188 464	180 300	179 200	178 200	187 200	1f
France	438 000	372 200	386 000	399 300	423 600	1f
Germany, Federal Rep.	504 000	575 000	576 492	571 940	612 380	1e
Ghana	140 700	135 400	137 000	151 600	56 100	1f
Greece	144 300	131 000	141 295	141 500	156 902	1e
Hungary	29 400	32 000	32 000	33 671	40 700	1a
Iceland	99 000	100 200	103 900	123 356	172 860	1h
India	476 521	465 000	497 540	547 400	543 451	1a
Indonesia	220 000	0	0	0	0	1a
Iran	110 000	220 000	253 000	107 000	117 000	1f
Italy	175 600	197 750	192 833	187 700	187 000	1f
Japan	16 956	18 034	16 959	16 694	16 302	1a
Netherlands	219 400	215 600	227 000	231 800	263 700	1f
New Zealand	272 200	269 000	260 000	310 200	317 500	1f
Norway	862 000	847 000	863 000	918 600	995 500	1f
Poland	49 400	52 000	52 100	53 614	52 500	1h
Russia	2 670 000	2 790 000	2 150 000	2 380 000	2 465 000	2h
Slovakia	32 800	60 561	70 000	110 100	108 006	1e
Slovenia	74 282	35 595	100 316	74 400	73 803	1a
South Africa, Rep. of	172 111	233 000	617 000	682 900	692 500	1f
Spain	338 000	361 000	361 826	359 900	360 400	1f
Suriname	26 700	28 100	26 000	23 100	27 100	1f
Sweden	83 900	95 170	100 000	99 000	95 700	1f
Switzerland	24 200	20 700	20 000	27 300	32 100	1a
Tajikistan	250 000	230 000	198 000	188 900	195 600	1f
Turkey	59 700	61 500	62 100	62 000	61 800	1h
Ukraine	100 000	90 000	90 000	100 000	106 700	1f
United Kingdom	231 200	238 000	240 000	247 700	258 400	1f
United States	3 299 000	3 375 000	3 577 000	3 600 000	3 712 690	1f
Venezuela	590 000	637 000	629 268	640 800	584 300	1f
Yugoslavia	6 850	26 000	51 100	80 600	78 000	1f
Total	19 049 786	19 581 402	19 698 229	20 823 692	21 623 651	

Antimony

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	1 300	1 700	1 300	1 300	1 800	1f
Bolivia	7 050	6 426	6 488	5 985	4 735	1a
Canada	643	574	1 405	652	554	2e
China	91 000	91 000	99 000	101 000	80 000	2h
Guatemala	230	640	1 088	880	750	1a
Kyrgystan	2 500	2 500	2 500	2 500	1 298	1f
Mexico	1 758	1 783	983	1 909	1 301	1e
Peru	379	230	305	242	364	1e
Russia	7 000	6 500	7 000	6 000	4 000	2h
South Africa, Rep. of	4 534	5 537	5 137	3 415	4 243	1e
Tajikistan	1 000	800	500	600	995	1e
Thailand	696	522	149	125	442	1e
Turkey	357	744	1 163	810	585	1a
United States	0	0	242	240	242	1f
Zimbabwe	65	37	15	0	0	1e
Total	118 512	118 993	127 275	125 658	101 309	

Arsenic

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Bolivia	341	362	255	282	284	1a
Chile	6 000	6 000	6 500	9 000	11 355	1a
China	13 000	13 000	13 000	15 000	17 000	2n
Iran	118	30	20	75	350	1a
Japan	500	500	450	420	400	2n
Kazakhstan	2 000	1 586	1 500	1 500	1 300	2n
Mexico	4 440	3 620	2 942	2 999	2 573	1e
Namibia	2 775	1 246	1 505	1 232	175	1h
Peru	286	274	320	837	624	1e
Philippines	2 000	2 000	2 000	2 000	1 000	2n
Russia	2 000	1 500	1 500	1 500	1 200	2h
Sweden	200	0	0	0	0	1a
Total	33 660	30 118	29 992	34 845	36 261	

Bauxite

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Albania	3 613	0	0	4 454	4 000	2n
Australia	42 159 000	42 655 000	43 063 000	44 878 000	44 553 000	1e
Brazil	8 673 000	8 673 000	12 260 000	11 671 000	13 500 000	1h
China	3 700 000	4 500 000	5 500 000	8 000 000	8 500 000	1h
Colombia	1 800	2 000	2 000	1 500	1 000	2n
Croatia	7 200	11 700	7 000	8 000	5 000	1a
France	0	75 000	81 000	80 000	80 000	1f

Germany, Federal Rep.	0	0	0	0	270	1a
Ghana	451 802	513 000	473 000	519 000	341 121	1h
Greece	2 196 371	2 200 215	2 451 734	1 676 979	1 714 023	1e
Guinea	16 500 000	13 764 194	13 800 000	19 250 000	17 000 000	1f
Guyana	2 089 000	1 878 000	2 254 000	2 561 000	2 267 000	1f
Hungary	835 700	521 400	504 000	380 900	460 600	1a
India	4 704 642	5 163 000	5 930 640	5 800 000	6 451 901	1a
Indonesia	1 342 400	904 458	841 976	808 749	1 055 647	1a
Iran	68 000	148 000	160 000	145 000	260 000	1a
Italy	23 400	11 000	0	0	0	1a
Jamaica	11 871 000	10 871 000	11 757 000	11 988 000	12 600 000	1h
Kazakhstan	2 425 000	3 319 000	3 140 000	3 100 000	3 437 000	1f
Malaysia	161 919	184 433	218 680	279 000	160 271	1e
Mozambique	9 620	11 000	12 000	8 000	6 000	1f
Pakistan	4 573	4 460	2 280	3 179	5 000	1f
Romania	184 000	175 000	175 800	117 100	135 200	1a
Russia	3 633 000	3 000 000	3 000 000	3 350 000	3 450 000	2h
Sierra Leone	735 000	0	0	0	0	1f
Suriname	3 200 000	3 502 132	4 000 000	3 877 000	3 890 000	1f
Turkey	373 381	232 278	285 570	210 548	261 076	1a
United States	40 000	0	0	0	0	1e
Venezuela	4 667 420	5 183 000	5 109 122	5 500 000	4 825 647	1e
Yugoslavia	40 000	150 000	323 000	470 000	226 000	1f
Total	110 100 841	107 652 270	115 351 802	124 687 409	125 189 756	

Bismuth

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Bolivia	0	19	0	55	0	1a
Canada	152	159	157	185	217	2e
China	200	400	500	600	650	2n
Italy	5	0	0	0	0	1a
Japan	500	600	560	474	470	1h
Kazakhstan	117	33	33	33	50	2n
Mexico	1 047	988	1 070	1 642	1 204	1e
Peru	871	581	939	774	868	1e
Russia	0	50	50	50	35	2h
Tajikistan	10	8	8	7	5	2n
Uzbekistan	10	10	10	5	3	2n
Total	2 912	2 848	3 327	3 825	3 502	

Cadmium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Algeria	59	59	50	50	50	1f
Argentina	68	82	40	45	30	1f
Australia	910	950	950	632	585	1f
Bolivia	3	0	0	0	0	1a
Brazil	135	162	150	162	162	1f
Bulgaria	159	305	350	275	264	1f
Canada	2 173	1 686	2 537	2 384	1 323	2e

China	1 460	1 296	1 567	1 982	1 982	1f
DPR Korea	200	200	150	204	204	1f
Finland	580	535	648	490	520	1a
France	500	670	650	975	223	1f
Honduras	46	45	45	40	35	2n
India	216	254	256	296	231	1a
Italy	475	308	300	287	382	1a
Japan	2 614	2 652	2 343	2 373	2 342	1h
Kazakhstan	1 000	1 209	1 200	745	1 463	1f
Korea, Republic of	909	908	930	930	930	1f
Mexico	1 870	1 756	1 813	1 872	1 739	1e
Namibia	19	15	10	2	0	1h
Norway	135	296	300	290	270	1f
Peru	507	560	550	562	535	1e
Poland	230	252	204	233	218	1h
Russia	582	725	730	790	800	2h
Spain	360	397	297	301	196	1f
Turkey	36	36	36	86	69	1f
United Kingdom	469	549	537	455	440	1f
United States	1 011	1 266	1 525	1 750	2 100	1h
Yugoslavia	70	70	60	80	80	1f
Total	16 796	17 243	18 228	18 291	17 173	

Copper

C o u n t r y	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Afghanistan	0	1 260	1 800	1 065	680	1a
Albania	8 693	16 664	10 807	870	14 000	1h
Argentina	0	0	0	30 000	170 273	2h
Armenia	5 000	7 000	6 951	6 758	9 158	1a
Australia	391 000	437 000	525 000	580 000	678 000	1e
Bolivia	79	127	92	182	84	1a
Botswana	21 563	19 140	20 979	18 350	15 593	1h
Brazil	39 674	49 000	46 200	39 952	33 500	1h
Bulgaria	75 500	90 000	105 610	109 240	87 500	2h
Canada	549 869	700 843	559 902	646 500	688 576	2e
Chile	2 219 900	2 504 000	3 144 200	3 438 000	3 763 994	1a
China	345 700	350 000	400 000	435 000	476 000	1f
Colombia	3 568	3 500	3 000	2 520	2 693	1e
Cuba	2 000	1 852	2 227	2 212	1 000	1f
Cyprus	0	0	1 688	3 950	5 000	1e
DPR Korea	12 000	12 000	10 000	12 000	12 000	1f
Finland	12 408	9 065	9 055	8 259	9 217	1a
France	174	172	170	196	0	1f
Georgia	1 500	1 200	2 000	4 000	5 000	1f
Honduras	1 000	1 000	1 000	900	800	2n
India	52 920	38 300	38 000	48 000	42 249	1a
Indonesia	372 914	530 814	619 116	644 246	924 000	1h
Iran	100 040	105 710	113 770	110 000	111 000	1a
Japan	6 043	2 376	1 145	932	1 070	1a
Kazakhstan	276 000	242 800	245 000	316 000	337 600	1f
Korea, Republic of	0	30	35	0	0	1f
Macedonia	7 140	8 560	8 484	8 200	9 100	1f

Malaysia	25 267	20 751	20 671	18 900	14 596	1e
Mexico	305 487	339 347	327 978	338 933	344 766	1e
Mongolia	119 200	120 200	121 000	127 000	127 800	1f
Morocco	13 018	12 497	13 168	13 070	9 373	1a
Myanmar	7 620	8 357	5 813	4 390	0	1h
Namibia	29 365	29 203	18 306	20 300	8 014	1h
Nepal	4	4	3	0	0	1a
Norway	7 412	6 797	7 389	6 670	2 700	1a
Oman	4 300	1 067	1 000	1 209	993	1e
Papua New Guinea	206 329	212 737	186 715	111 515	152 200	1a
Peru	365 513	409 693	485 595	502 970	483 338	1e
Philippines	112 075	102 637	61 615	48 638	45 381	1a
Poland	423 000	433 000	425 000	440 644	479 000	1h
Portugal	130 225	130 041	107 773	106 580	114 515	1a
Romania	20 100	19 088	18 149	17 419	14 378	1a
Russia	545 500	591 000	620 000	505 000	515 000	2h
Saudi Arabia	919	814	786	703	782	1a
Slovakia	570	400	913	691	670	1h
South Africa, Rep. of	165 213	159 475	152 062	153 058	166 000	1e
Spain	4 940	22 359	38 397	38 281	37 185	2e
Sweden	79 384	83 603	71 554	86 610	73 685	1a
Turkey	29 891	33 700	53 607	39 675	50 814	1a
United States	1 323 038	1 310 625	1 344 862	1 920 000	1 959 367	1e
Uzbekistan	69 600	40 000	64 000	65 000	70 000	2h
Yugoslavia	94 500	87 575	82 526	82 500	75 400	1f
Zaire	30 000	35 512	38 900	37 700	35 000	1f
Zambia	380 000	299 900	324 200	315 700	230 826	1a
Zimbabwe	9 400	8 045	9 028	6 832	2 941	1e
Total	9 006 555	9 650 840	10 477 241	11 477 320	12 412 811	

Gallium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
China	8	2	2	5	6	2n
Hungary	6	4	5	5	3	1a
Japan	6	6	5	5	4	2n
Total	20	12	12	15	13	

Germanium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
China	6	8	8	9	10	2n
Russia	10	9	9	8	7	2n
United States	16	19	18	20	22	1h
Total	32	36	35	37	39	

Lead

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Algeria	700	1 383	1 016	1 342	700	1f
Argentina	9 952	10 521	11 272	13 700	15 004	2h
Armenia	50	0	0	0	0	1h
Australia	505 000	455 000	522 000	571 000	618 000	1e
Bolivia	19 678	20 387	16 538	18 608	13 848	1a
Brazil	4 000	6 000	5 000	8 729	7 600	1f
Bulgaria	49 341	46 466	43 000	41 269	34 595	1a
Canada	251 640	281 391	246 000	170 400	151 708	2e
Chile	500	944	1 374	1 264	337	1a
China	461 900	519 800	643 100	711 900	711 900	1f
Colombia	188	200	200	200	514	1e
DPR Korea	40 000	35 000	35 000	30 000	25 000	1f
Georgia	800	600	500	400	0	1f
Greece	28 404	21 629	9 704	16 420	26 100	1h
Honduras	2 810	2 500	4 700	5 900	4 300	1f
India	32 049	24 250	30 000	28 700	37 222	1a
Iran	18 300	15 900	18 000	17 600	10 920	1a
Ireland	53 700	46 100	45 300	45 100	35 900	1a
Italy	20 455	22 658	21 000	17 630	10 102	1a
Japan	9 900	9 659	7 753	5 227	6 198	1a
Kazakhstan	90 000	85 000	68 900	35 000	30 100	1f
Kenya	210	252	250	0	0	1e
Korea, Republic of	4 345	4 064	5 200	3 600	3 558	1a
Macedonia	30 464	29 749	29 030	30 690	30 000	2n
Mexico	163 836	179 740	167 114	180 349	171 610	1e
Morocco	64 798	63 011	66 698	68 514	71 326	1a
Myanmar	1 547	1 862	1 130	782	1 255	1h
Namibia	31 815	26 752	24 416	17 000	12 800	1f
Norway	3 598	2 960	2 083	2 231	0	1h
Peru	235 042	237 597	248 929	258 189	257 713	1e
Poland	85 000	70 000	66 000	71 000	64 300	1h
Portugal	100	100	90	0	0	1a
Romania	8 545	6 213	6 285	6 191	6 540	1a
Russia	40 000	38 000	30 000	20 000	19 000	2h
Slovenia	524	0	0	0	0	1a
South Africa, Rep. of	95 824	87 965	88 613	83 114	84 100	1e
Spain	24 000	30 000	24 000	23 000	19 000	2e
Sweden	112 787	100 070	98 064	108 610	114 430	1a
Tajikistan	1 200	1 000	1 000	900	800	2n
Thailand	7 859	9 576	8 686	5 040	6 445	1e
Tunisia	2 800	6 160	4 480	2 000	7 000	1e
Turkey	9 800	2 500	12 000	12 000	10 800	1h
United Kingdom	2 000	1 600	1 800	2 000	1 600	2e
United States	370 225	393 640	435 945	450 000	481 000	1e
Uzbekistan	18 500	10 000	10 000	2 000	900	1f
Yugoslavia	9 000	15 000	16 000	14 000	19 100	1f
Zambia	1 000	0	0	0	0	1a
Total	2 924 186	2 923 199	3 078 170	3 101 599	3 123 325	

Lithium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	3 100	6 240	6 500	6 600	7 000	2n
Brazil	90	32	32	30	25	2n
Canada	450	400	660	690	700	2n
Chile	4 220	4 220	5 733	9 803	11 473	1a
China	1 000	900	800	750	730	2n
Namibia	0	104	50	70	90	2h
Portugal	170	131	114	86	200	1a
Russia	1 600	800	800	800	750	2n
United States	4 000	4 000	4 000	3 500	2 500	2n
Zimbabwe	700	837	773	1 246	701	1e
Total	15 330	17 664	19 462	23 575	24 169	

Mercury

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Algeria	448	295	368	447	414	1h
Australia	5	4	4	0	0	1f
China	510	547	510	830	600	1f
Finland	89	90	88	63	54	1a
Kyrgystan	449	400	596	611	629	1f
Mexico	10	10	0	15	15	1f
Russia	50	40	40	40	50	2n
Slovenia	0	4	0	0	0	1a
Spain	345	620	862	389	672	2e
Tajikistan	70	60	60	50	11	1e
Ukraine	41	50	50	45	40	2n
United States	15	0	0	0	0	1e
Total	2 032	2 120	2 578	2 490	2 485	

Rare Earths Concentrates

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	3 300	3 000	2 000	1 000	800	2n
Brazil	800	400	200	400	400	2n
China	29 000	30 000	55 000	53 300	50 000	1h
DPR Korea	1 500	1 000	900	800	700	2n
India	2 500	2 500	2 700	2 700	2 500	2n
Madagascar	5	4	3	0	0	1n
Malaysia	426	814	618	600	500	2n
South Africa, Rep. of	700	300	0	0	0	1e
Sri Lanka	200	120	120	120	100	2n
Thailand	65	50	0	0	0	1e
United States	20 000	22 239	20 400	20 000	10 000	1e
Zaire	28	30	10	5	3	2n
Total	58 524	60 457	81 951	78 925	65 003	

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Tellurium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Canada	30	91	62	60	57	2e
Japan	47	50	45	40	38	2n
Mongolia	3	3	0	2	3	2n
Peru	28	30	25	24	22	1e
United States	90	90	90	90	90	2n
Total	198	264	222	216	210	

Tin

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	7 400	8 175	8 828	10 100	10 204	1e
Bolivia	16 027	14 419	14 802	12 898	11 308	1a
Brazil	16 900	20 767	23 178	18 291	14 607	1h
China	54 100	61 900	69 600	67 500	79 500	1f
India	18	18	31	16	36	1a
Indonesia	30 610	45 908	51 029	53 036	53 959	1a
Kazakhstan	24	4	4	4	0	1f
Laos	270	102	100	100	226	1a
Malaysia	6 458	6 355	6 922	5 100	5 754	1e
Mexico	3	1	2	5	5	1e
Mongolia	58	58	37	55	0	1f
Myanmar	544	492	233	141	92	1h
Namibia	1	2	2	0	0	1f
Niger	20	17	23	25	26	2n
Nigeria	300	300	2 700	2 700	1 400	1f
Peru	20 275	22 331	27 004	27 952	25 747	1e
Portugal	4 332	4 627	4 637	3 566	2 958	1a
Russia	5 000	9 000	8 000	7 500	4 500	2h
Rwanda	0	0	208	0	140	2n
South Africa, Rep. of	43	0	0	0	0	1e
Spain	5	2	2	4	5	2e
Tanzania	6	3	0	0	0	1h
Thailand	2 827	1 585	1 049	756	2 028	1e
Uganda	5	5	5	4	1	1e
United Kingdom	1 900	2 000	2 100	2 400	400	2e
Viet Nam	4 000	3 600	4 500	4 800	2 770	1a
Zaire	100	0	0	0	0	1h
Zimbabwe	82	0	0	0	0	1e
Total	171 308	201 671	224 996	216 953	215 666	

Zinc

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Algeria	3 050	3 874	3 192	3 661	3 200	1f
Argentina	26 915	32 104	31 093	33 357	35 560	2h
Armenia	100	0	557	610	500	1h
Australia	955 000	930 000	1 071 000	1 038 000	1 059 000	1e
Bolivia	100 742	146 130	145 092	154 491	152 110	1a
Brazil	187 304	193 976	177 466	152 634	140 000	1h
Bulgaria	32 407	30 000	25 745	25 700	16 000	1h
Canada	690 965	720 346	717 675	1 017 100	1 064 500	1f
Chile	15 360	16 993	17 282	16 005	15 943	1a
China	755 000	1 077 000	1 119 000	1 209 900	1 209 800	1f
Czech Republic	100	0	0	0	0	1a
DPR Korea	90 000	90 000	80 000	60 000	48 000	1f
Finland	16 916	18 454	28 264	34 287	32 879	1a
Georgia	2 000	1 800	2 000	2 400	1 000	1f
Greece	17 000	19 534	9 010	15 330	32 600	1h
Honduras	23 600	27 100	37 000	39 500	40 408	1e
India	142 154	130 000	146 754	136 900	193 129	1a
Iran	72 900	73 950	62 000	81 950	69 000	1a
Ireland	194 000	183 500	164 500	193 200	177 200	1a
Italy	22 900	24 455	20 100	15 415	4 472	1a
Japan	100 653	95 274	79 709	71 569	67 670	1a
Kazakhstan	172 600	168 300	168 500	225 000	224 300	1f
Korea, Republic of	14 243	7 747	8 300	9 000	10 489	1a
Macedonia	21 335	22 141	21 560	20 620	14 100	1f
Mexico	358 953	354 673	348 328	377 861	371 898	1e
Morocco	74 693	77 129	76 290	85 898	108 006	1a
Myanmar	1 300	700	600	500	500	1f
Namibia	17 375	15 407	18 295	18 564	20 298	1f
Norway	15 870	9 946	4 435	4 400	1 800	1h
Peru	690 017	692 290	760 353	865 267	868 757	1e
Poland	186 000	204 000	165 000	172 000	176 000	1h
Romania	14 570	19 500	17 350	19 200	25 052	1a
Russia	200 000	200 000	199 000	121 000	115 000	2h
Saudi Arabia	500	386	380	619	355	1a
Slovenia	1 819	0	0	0	0	1a
South Africa, Rep. of	76 361	70 240	76 853	71 062	69 600	1e
Spain	150 000	172 000	145 000	147 000	128 000	2e
Sweden	159 858	167 962	160 325	155 385	164 711	1a
Thailand	69 928	27 040	36 247	18 200	39 024	1e
Tunisia	15 930	47 763	34 220	5 000	33 630	1e
Turkey	35 100	35 000	50 000	32 000	45 795	1a
United States	597 576	643 877	628 063	607 000	755 000	1e
Uzbekistan	18 000	15 000	12 000	3 000	1 100	1f
Yugoslavia	8 794	14 700	21 800	18 900	15 000	1f
Zaire	600	4 518	3 162	1 686	1 234	1h
Zambia	1 000	0	0	0	0	1a
Total	6 351 488	6 784 809	6 893 500	7 281 171	7 552 620	

6.4.3 Precious Metals Edelmetalle

Gold

Country	1994 kg	1995 kg	1996 kg	1997 kg	1998 kg	Rem
Argentina	899	837	723	2 500	19 459	2h
Armenia	500	100	244	850	250	2h
Australia	255 233	253 500	288 880	316 000	309 000	1e
Bolivia	13 000	14 405	12 634	13 290	14 443	1a
Botswana	234	86	5	28	0	1h
Brazil	71 000	63 299	57 000	58 488	49 000	1h
Bulgaria	242	828	649	1 020	1 213	1a
Burkina Faso	2 000	1 422	1 012	1 450	1 500	2n
Burundi	33	35	35	33	30	2n
Canada	145 980	150 867	164 136	169 050	166 089	2e
Central African Rep.	100	100	120	190	100	1h
Chile	38 626	44 585	53 174	49 459	44 980	1a
China	130 000	160 000	145 000	156 800	161 000	1h
Colombia	20 760	22 436	22 064	19 111	18 811	1e
Costa Rica	280	500	400	487	387	1h
Cote d'Ivoire	1 800	1 940	1 883	1 419	1 400	2n
Cuba	0	0	0	0	300	1h
Czech Republic	75	0	0	0	0	1a
DPR Korea	4 500	4 000	4 000	3 800	3 500	2n
Dominican Republic	1 599	3 340	3 717	2 390	2 300	2n
Ecuador	1 182	1 011	1 200	3 068	1 727	1e
Eritrea	78	59	60	44	573	1e
Ethiopia	2 295	3 160	3 300	3 500	3 712	1e
Fiji	4 111	3 511	4 554	4 671	3 158	1a
Finland	1 280	1 301	1 673	4 775	4 980	1a
France	4 010	4 615	4 590	4 350	3 800	1h
French Guiana	2 300	2 480	2 850	3 000	3 100	2n
Gabon	120	100	100	90	80	2n
Georgia	1 000	1 000	800	700	800	1h
Ghana	44 501	53 881	50 079	54 446	74 315	1h
Greece	0	0	0	13	0	1e
Guatemala	65	0	0	0	0	1h
Guinea	5 617	6 910	7 000	7 300	13 000	1h
Guyana	11 991	9 111	10 807	14 597	14 863	1h
Honduras	150	150	150	120	87	1e
India	2 373	1 940	2 710	2 500	2 463	1a
Indonesia	44 843	62 909	83 660	82 700	118 722	1a
Iran	723	633	640	684	822	1a
Italy	0	0	0	0	1 200	1h
Japan	9 551	9 185	8 627	8 384	8 601	1a
Kazakhstan	14 483	18 200	12 000	18 700	18 000	2h
Kenya	14	48	50	50	174	1h
Korea, Republic of	1 374	1 270	1 200	1 200	200	2n
Kyrgystan	2 000	2 000	5 000	17 000	21 000	1h
Macedonia	640	760	752	680	700	1h

Madagascar	0	0	0	0	33	1e
Malaysia	4 085	3 161	2 829	4 488	3 394	1e
Mali	3 000	3 980	4 500	17 000	22 000	1h
Mauritania	1 738	1 800	1 890	1 800	1 700	2n
Mexico	14 642	20 902	24 083	26 031	25 982	1e
Mongolia	3 000	4 650	5 998	2 200	2 000	2n
Mozambique	336	300	300	250	230	2n
Myanmar	194	146	171	150	100	1h
Namibia	2 188	1 910	2 177	2 433	1 882	1h
New Zealand	10 118	12 132	11 571	11 400	7 700	1h
Nicaragua	1 225	1 200	2 059	2 395	2 050	1h
Niger	30	53	313	300	320	2n
Nigeria	0	0	0	17	20	2n
Oman	0	520	600	584	579	1e
Panama	0	284	280	250	230	2n
Papua New Guinea	62 751	55 721	55 623	48 482	59 712	1a
Peru	47 799	57 743	64 885	76 822	94 214	1e
Philippines	27 059	26 889	29 958	32 494	34 038	1a
Poland	463	474	530	375	370	2n
Romania	596	539	518	500	490	2n
Russia	142 578	131 938	123 347	123 000	104 000	2h
Rwanda	800	750	400	130	120	2n
Saudi Arabia	7 630	8 137	7 692	5 320	5 099	1h
Senegal	0	0	567	600	620	2n
Sierra Leone	125	130	588	400	370	2n
Slovakia	365	476	470	456	340	1e
Solomon Islands	31	31	30	28	25	2n
South Africa, Rep. of	579 295	524 640	496 846	491 500	464 200	1e
Spain	5 852	3 255	2 763	1 824	3 295	2e
Sudan	2 346	3 367	3 100	5 634	6 000	2n
Sweden	6 364	6 528	6 100	6 777	5 944	1a
Tajikistan	1 500	1 000	1 500	2 550	3 200	2n
Tanzania	280	320	318	315	300	2n
Thailand	96	103	32	30	25	2n
Uganda	1 686	1 800	2 000	6 830	8 150	1e
United States	326 553	316 913	318 078	341 000	366 000	1e
Uzbekistan	75 000	80 000	71 000	70 000	81 000	2h
Venezuela	9 944	7 793	12 127	22 322	8 808	1e
Yugoslavia	2 474	2 850	3 000	3 500	3 500	2h
Zaire	780	1 180	1 252	394	134	1h
Zambia	200	124	119	91	145	1a
Zimbabwe	20 564	23 959	24 699	24 225	25 175	1e
Total	2 205 249	2 214 212	2 241 791	2 363 834	2 433 333	

Platinum

Country	1994 kg	1995 kg	1996 kg	1997 kg	1998 kg	Rem
Australia	540	500	500	450	430	2n
Canada	14 313	10 068	14 983	13 009	14 522	2e
Colombia	1 084	1 025	669	413	411	1e
Japan	1 200	1 200	816	693	533	1a
Russia	58 000	50 000	20 000	17 000	17 000	2h
South Africa, Rep. of	164 806	184 331	188 636	196 466	200 100	1e
United States	8 398	6 842	7 940	10 800	13 810	1h
Yugoslavia	80	6	3	3	3	2h
Zimbabwe	0	0	7	34	2 730	1e
Total	248 421	253 972	233 554	238 868	249 539	

Silver

Country	1994 kg	1995 kg	1996 kg	1997 kg	1998 kg	Rem
Algeria	3 000	2 000	2 000	1 600	1 500	1f
Argentina	38 056	47 787	50 399	52 500	56 600	2h
Australia	1 045 000	920 000	1 020 000	1 332 000	1 474 000	1e
Bolivia	352 000	425 053	384 384	387 200	403 961	1a
Brazil	50 400	49 775	50 000	26 598	25 000	2n
Bulgaria	65 000	47 972	48 732	31 548	23 700	1a
Canada	774 506	1 228 000	1 305 000	1 213 000	1 115 000	2e
Chile	982 750	1 041 097	1 147 000	1 191 311	1 340 199	1a
China	815 000	918 000	918 000	918 000	918 000	1f
Colombia	5 898	5 348	5 691	3 566	5 218	1e
Czech Republic	100	0	0	0	0	1a
DPR Korea	200 000	200 000	180 000	200 400	200 400	1f
Dominican Republic	9 290	21 402	17 292	12 400	7 400	1f
Fiji	1 406	2 095	2 003	2 653	1 787	1a
Finland	26 000	10 509	34 794	32 200	29 700	1a
France	644	1 167	1 550	1 770	1 000	1h
Ghana	1 200	1 000	1 000	900	600	2n
Greece	44 900	45 000	16 100	35 900	64 800	1f
Honduras	25 000	30 200	31 000	40 400	48 197	1e
India	45 911	39 800	27 800	48 100	55 363	1a
Indonesia	105 961	260 518	254 893	270 391	279 298	1a
Iran	1 430	1 120	1 300	1 320	1 720	1a
Ireland	17 400	13 700	14 700	13 300	10 800	1a
Italy	80 000	80 000	75 000	70 000	60 000	2n
Japan	133 713	100 078	85 115	87 180	94 472	1a
Kazakhstan	408 400	371 000	414 300	389 300	535 800	1f
Korea, Republic of	8 600	179	175	170	301	1h
Macedonia	22 303	15 848	20 025	18 760	20 000	1h
Malaysia	13 341	10 863	9 720	9 600	7 285	1e
Mexico	2 334 181	2 495 522	2 536 465	2 701 329	2 868 099	1e
Mongolia	21 000	21 000	20 000	19 000	18 000	2n

Morocco	259 000	204 000	333 000	262 000	241 000	1a
Myanmar	3 792	4 425	8 915	9 331	593	1h
Namibia	60 817	65 847	42 000	33 500	23 000	1h
New Zealand	27 589	27 794	29 340	31 700	22 700	1h
Nicaragua	2 628	2 600	783	934	1 300	1f
Norway	6 036	6 000	5 900	5 000	2 000	2n
Oman	4 700	72	80	145	286	1e
Panama	0	404	400	380	350	2n
Papua New Guinea	76 025	66 228	64 304	49 165	59 295	1a
Peru	1 768 199	1 928 853	1 976 536	2 076 536	2 024 570	1e
Philippines	29 562	28 950	24 304	20 496	18 220	1a
Poland	959 000	964 000	934 044	1 028 916	1 100 000	1h
Portugal	32 000	38 600	33 700	33 900	31 880	1a
Romania	25 120	14 697	15 041	18 000	18 000	1f
Russia	800 000	800 000	750 000	400 000	350 000	2h
Saudi Arabia	16 990	17 681	16 536	17 000	13 844	1h
Slovakia	332	372	367	356	436	1e
Solomon Islands	9	9	8	5	3	2n
South Africa, Rep. of	195 754	172 912	168 689	143 968	144 500	1e
Spain	132 000	102 000	103 000	66 000	25 000	2e
Sweden	276 042	268 200	272 000	304 050	299 051	1a
Tunisia	1 100	2 500	1 500	1 500	400	1f
Turkey	69 000	88 000	72 800	75 669	82 860	1a
United States	1 485 949	1 564 993	1 573 170	1 660 000	2 060 000	1e
Yugoslavia	18 298	31 100	68 300	42 600	34 500	1f
Zaire	10 000	9 000	9 000	1 000	0	1f
Zambia	12 100	10 000	8 676	6 900	8 239	1a
Zimbabwe	10 942	15 640	9 982	5 923	6 881	1e
Total	13 915 374	14 840 910	15 196 813	15 407 370	16 237 108	

6.4.4

Industrial Minerals

Industrieminerale, Steine und Erden

Asbestos

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Argentina	319	300	446	0	0	2h
Brazil	191 900	208 700	213 210	208 447	198 300	1h
Bulgaria	1 400	900	1 000	800	672	1a
Canada	518 000	516 000	483 000	447 000	309 000	2e
China	240 000	263 000	293 000	245 000	250 000	1h
Colombia	12 880	12 000	11 000	13 670	14 000	2n
Egypt	514	391	427	1 836	2 000	2n
Greece	55 502	75 003	80 213	63 294	35 068	1e
India	28 610	25 000	26 101	20 000	19 109	1a
Iran	80 000	44 000	42 000	62 000	75 000	1a
Kazakhstan	300 000	250 000	250 000	125 000	125 000	2h
Pakistan	90	100	90	120	130	2n
Russia	1 000 000	800 000	800 000	700 000	650 000	2h
South Africa, Rep. of	92 130	89 406	56 900	49 986	27 200	1e
Swaziland	26 720	28 570	26 000	25 900	27 700	1h
United States	10 100	9 288	9 552	9 070	5 760	1e
Yugoslavia	1 000	497	450	360	750	2h
Zimbabwe	151 846	169 487	165 494	160 560	123 295	1e
Total	2 711 011	2 492 642	2 458 883	2 133 043	1 862 984	

Baryte

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Afghanistan	7 500	6 200	6 000	4 700	3 700	1a
Algeria	20 584	29 838	31 348	39 140	45 000	2h
Argentina	27 952	28 907	14 038	14 000	10 000	2h
Armenia	500	500	400	350	320	2n
Australia	10 000	11 729	12 000	12 500	13 000	2n
Belgium	50 000	50 000	50 000	45 000	42 000	2n
Bolivia	3 307	4 000	4 745	4 402	2 500	1a
Brazil	45 000	45 000	40 000	51 961	52 000	2h
Bulgaria	40 000	66 633	30 357	92 710	120 000	1h
Canada	61 000	61 000	57 000	98 000	80 000	2e
Chile	3 661	3 080	2 559	2 654	1 430	1a
China	1 800 000	1 500 000	2 500 000	3 500 000	3 200 000	1h
Colombia	7 000	6 000	6 800	1 000	1 500	2n
DPR Korea	30 000	30 000	50 000	60 000	100 000	1h
Ecuador	2 600	2 500	2 000	1 800	1 700	2n
Egypt	419	535	550	0	0	1a
France	72 100	75 450	81 200	77 000	75 000	2n
Germany, Federal Rep.	127 383	122 268	121 476	118 698	123 272	1e
Greece	701	668	671	742	643	1e
Guatemala	0	570	2 776	3 000	3 500	2n

India	483 791	575 000	500 000	550 000	659 318	1a
Iran	225 000	185 000	210 000	160 000	180 000	1a
Ireland	50 000	0	0	0	0	1a
Italy	57 856	44 393	80 463	26 694	31 791	1a
Kazakhstan	135 000	150 000	250 000	270 000	300 000	2n
Kenya	20	0	0	0	0	1e
Korea, Republic of	85	0	0	0	0	1h
Malaysia	17 144	16 966	17 458	18 000	17 000	2n
Mexico	86 605	248 367	470 028	236 606	161 555	1e
Morocco	266 000	266 226	287 513	343 314	353 438	1a
Myanmar	15 749	30 641	17 113	14 606	14 295	1h
Nigeria	17 000	17 500	17 500	13 000	12 000	2n
Pakistan	22 091	20 900	14 470	22 621	24 472	1a
Peru	53 074	37 476	37 103	63 600	63 000	2h
Poland	35 000	26 000	22 000	20 000	25 000	1h
Portugal	50	0	100	0	0	1a
Romania	10 470	13 935	10 000	8 000	6 644	1a
Russia	0	70 000	70 000	70 000	60 000	2h
Saudi Arabia	0	0	8 000	5 680	5 479	1a
Slovakia	39 765	41 600	45 600	18 500	15 300	1e
South Africa, Rep. of	1 945	6 048	7 423	2 071	600	1e
Spain	4 000	30 103	81 621	85 000	83 000	2n
Thailand	31 096	21 134	20 404	36 832	96 421	1e
Tunisia	16 000	8 000	16 000	14 000	9 000	1e
Turkey	57 429	100 751	155 000	140 840	160 042	1a
United Kingdom	54 000	85 000	93 000	74 000	68 000	2e
United States	583 000	543 000	661 926	700 000	660 000	1e
Zimbabwe	0	500	1 150	1 217	1 844	1e
Total	4 571 877	4 583 418	6 107 792	7 022 238	6 883 764	

Bentonite

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Algeria	20 215	17 088	19 526	21 617	20 000	1h
Argentina	117 095	113 760	134 588	104 880	105 000	2h
Armenia	80 000	80 000	75 000	70 000	65 000	2n
Australia	66 000	65 000	65 000	60 000	58 000	2n
Bolivia	0	3 855	98	1 997	1 334	1a
Brazil	160 000	155 000	150 000	224 055	230 000	2n
Chile	900	684	1 191	717	721	1a
Colombia	3 300	3 000	2 500	8 640	9 000	2n
Croatia	8 200	10 300	8 400	4 600	3 500	1a
Cyprus	46 530	51 234	66 200	98 700	170 000	1e
Czech Republic	65 000	54 000	59 000	83 000	125 000	1a
Ecuador	1 118	511	432	205	200	2n
Egypt	2 379	4 423	4 500	1 136	1 545	1a
France	3 000	0	0	0	0	1h
Germany, Federal Rep.	498 849	529 446	491 346	511 190	508 738	1e
Greece	697 773	765 000	973 517	942 555	1 148 408	1e
Guatemala	4 410	5 839	3 755	3 500	2 278	1a
Hungary	17 900	18 000	15 376	14 848	26 700	1a
India	321 874	300 000	280 000	260 000	250 000	2n
Indonesia	30 000	20 000	15 549	8 308	8 400	1e

Iran	84 000	32 000	84 000	105 000	115 000	1a
Italy	374 491	590 845	475 000	509 960	600 000	1a
Japan	484 000	478 056	468 728	495 646	443 566	1a
Korea, Republic of	121 262	66 157	65 000	60 000	59 765	1a
Macedonia	5 000	4 000	4 000	3 500	3 000	2n
Mexico	100 000	100 000	69 810	69 000	68 800	2n
Morocco	24 919	28 895	29 881	49 633	47 881	1a
Myanmar	300	600	730	750	720	2n
New Zealand	930	3 699	4 000	4 100	4 200	2n
Nicaragua	5 656	3 000	2 374	512	400	2n
Pakistan	11 180	11 790	10 750	10 796	13 998	1a
Peru	27 682	26 961	18 592	22 285	19 563	1e
Philippines	3 415	7 636	8 000	7 500	3 900	1a
Poland	0	0	3 000	2 000	2 100	2n
Romania	36 140	30 000	25 000	20 000	18 042	1a
Russia	1 500 000	1 400 000	1 400 000	1 300 000	1 250 000	2n
Slovakia	45 700	52 500	76 000	77 000	56 900	1e
South Africa, Rep. of	71 773	70 927	48 076	33 326	48 400	1e
Spain	148 663	150 000	120 199	120 000	110 000	2n
Thailand	5 125	8 285	9 000	3 200	5 806	1e
Turkey	516 187	605 499	400 000	519 487	565 708	1a
Turkmenistan	50 000	50 000	48 000	45 000	40 000	2n
United Kingdom	134 000	133 000	143 000	140 000	138 000	2n
United States	3 290 708	3 817 853	3 738 310	3 780 000	3 820 000	1e
Uruguay	0	140	58	60	65	2n
Yugoslavia	5 000	0	0	0	0	2h
Total	9 190 674	9 868 983	9 617 486	9 798 703	10 169 638	

Boron

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Argentina	215 021	244 933	342 210	422 556	400 000	2h
Bolivia	6 836	5 400	4 128	6 095	7 026	1a
Chile	79 083	80 000	90 000	170 605	280 140	1a
China	30 000	40 000	40 000	60 000	65 000	2n
Iran	1 200	1 500	1 000	2 850	2 800	1a
Kazakhstan	80 000	80 000	80 000	80 000	60 000	1h
Peru	40 991	40 581	39 982	46 988	17 945	1e
Turkey	1 139 980	1 143 994	1 482 000	1 017 697	1 597 367	1a
United States	1 106 000	1 194 000	1 150 000	1 200 000	1 170 000	1e
Total	2 699 111	2 830 408	3 229 320	3 006 791	3 600 278	

Diamonds (Gem)

Country	1994 carats	1995 carats	1996 carats	1997 carats	1998 carats	Rem
Angola	1 260 000	2 880 000	3 330 000	4 770 000	2 700 000	1h
Australia	17 516 000	16 157 200	16 797 200	17 218 400	16 337 200	1e
Botswana	10 883 040	11 761 707	12 436 943	14 070 000	13 841 100	1h
Brazil	240 000	104 500	98 000	70 000	63 000	2n

Central African Rep.	382 500	450 500	467 500	425 000	425 000	1h
China	47 800	50 000	18 000	35 800	36 000	2n
Cote d'Ivoire	12 000	12 000	11 200	16 000	14 400	2n
Ghana	118 200	126 267	147 425	165 905	161 148	1h
Guinea	286 097	269 643	270 000	427 500	225 000	1h
Guyana	10 536	15 604	14 700	10 684	10 044	1h
India	7 200	7 200	11 401	11 000	12 102	1a
Liberia	32 500	32 500	29 250	29 250	27 630	2n
Myanmar	0	0	0	4	0	1h
Namibia	1 246 731	1 312 670	1 412 134	1 083 000	1 368 000	1h
Russia	8 560 000	8 500 000	9 250 000	9 550 000	10 500 000	2h
Sierra Leone	170 850	142 710	180 962	69 680	201 000	1e
South Africa, Rep. of	4 341 461	3 933 856	3 978 700	4 016 552	4 302 400	1e
Swaziland	12 000	12 000	12 800	13 000	13 200	2n
Tanzania	19 182	42 107	51 000	42 500	79 050	1h
Venezuela	184 903	118 400	64 000	113 600	38 724	1e
Zaire	3 250 400	4 404 800	4 448 000	3 000 000	3 614 000	1h
Zimbabwe	45 205	67 088	131 180	126 392	8 512	1h
Total	48 626 605	50 400 752	53 160 395	55 264 267	53 977 510	

Diamonds (Ind)

Country	1994 carats	1995 carats	1996 carats	1997 carats	1998 carats	Rem
Angola	140 000	320 000	370 000	530 000	300 000	1h
Australia	26 274 000	24 235 800	25 195 800	25 827 600	24 505 800	1e
Botswana	4 664 160	5 040 731	5 312 119	6 030 000	5 931 900	1h
Brazil	60 000	45 000	42 000	30 000	27 000	2n
Central African Rep.	67 500	79 500	82 500	75 000	75 000	1h
China	191 200	200 000	72 000	143 200	144 000	2n
Cote d'Ivoire	3 000	3 000	2 800	4 000	3 600	2n
Ghana	472 800	505 070	589 701	663 619	644 594	1h
Guinea	95 366	89 881	90 000	142 500	75 000	1h
Guyana	24 584	36 410	34 300	24 928	23 436	1h
India	4 800	4 800	20 442	20 000	22 477	1a
Liberia	67 500	67 500	60 750	60 750	57 380	2n
Myanmar	45	12	45	18	7	1h
Namibia	65 517	69 087	72 323	57 000	72 000	1h
Russia	8 560 000	8 500 000	9 250 000	9 550 000	10 500 000	2h
Sierra Leone	84 150	76 150	89 130	34 320	99 000	1e
South Africa, Rep. of	6 512 192	5 900 785	5 968 050	6 024 828	6 453 600	1e
Swaziland	40 000	40 000	51 200	52 000	52 800	2n
Tanzania	3 385	7 431	9 000	7 500	13 950	1h
Venezuela	273 346	177 600	96 000	170 400	58 087	1e
Zaire	13 001 600	17 619 200	17 792 000	12 000 000	14 456 000	1h
Zimbabwe	105 478	156 540	306 086	294 915	19 860	1h
Total	60 710 623	63 174 497	65 506 246	61 742 578	63 535 491	

Diatomite

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Algeria	3 500	3 500	3 000	2 332	2 100	2n
Argentina	6 300	4 928	8 647	9 000	9 500	2n
Armenia	800	700	400	400	350	2n
Australia	12 000	12 000	11 000	10 000	9 800	2n
Brazil	17 017	14 049	14 000	13 500	13 000	2n
Canada	5 000	5 000	4 500	4 000	3 500	2n
Chile	10 129	11 451	11 592	11 825	14 868	1a
Costa Rica	12 000	11 500	11 500	11 000	10 500	2n
Czech Republic	40 000	29 000	35 000	39 000	18 000	1a
Ethiopia	1 700	1 500	1 300	1 000	700	2n
France	90 000	80 000	80 000	80 000	75 000	2n
Iceland	20 000	20 000	25 600	26 863	25 734	1h
Kenya	592	578	415	297	468	1e
Korea, Republic of	82 738	81 303	80 000	80 000	78 000	2n
Mexico	45 000	47 000	52 200	60 000	62 000	2n
Peru	25 000	25 000	24 000	20 000	18 000	2n
Portugal	2 150	1 780	1 550	1 540	785	1a
Romania	10 140	14 450	9 530	4 000	2 657	1a
Slovakia	5 300	5 000	4 500	3 000	2 500	2n
South Africa, Rep. of	600	500	400	350	300	2n
Spain	70 000	28 271	34 122	35 000	36 000	2n
Thailand	6 874	5 591	1 576	2 000	912	1e
United Kingdom	200	0	0	0	0	2e
United States	612 708	687 082	697 541	705 000	725 000	1e
Total	1 079 748	1 090 183	1 112 373	1 120 107	1 109 674	

Feldspar

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Algeria	6 500	6 000	5 800	5 500	5 000	2n
Argentina	39 825	36 901	72 539	80 000	82 000	2n
Australia	23 500	23 500	24 000	23 500	23 200	2n
Austria	4 883	0	0	0	0	1e
Brazil	140 000	145 000	145 000	135 000	130 000	2n
Chile	9 667	7 293	3 702	3 808	1 460	1a
Colombia	76 188	58 100	78 093	66 845	68 000	2n
Cuba	3 400	9 300	12 100	14 700	16 000	2n
Czech Republic	170 000	183 000	211 000	220 400	199 000	1a
Ecuador	5 692	10 297	10 321	60 328	21 265	1e
Egypt	39 745	36 342	75 049	53 783	32 565	1a
Eritrea	5 150	0	0	0	0	1e
Finland	41 389	42 100	42 100	40 000	42 740	1a
France	385 000	632 000	546 000	621 000	650 000	2n
Germany, Federal Rep.	302 627	329 624	359 666	425 529	469 928	2e
Greece	35 000	27 000	48 620	55 700	55 700	1e
Guatemala	0	5 544	11 060	12 000	17 248	1a
Hungary	43 600	44 000	44 000	45 000	46 000	2n

India	70 000	70 000	92 682	90 000	106 811	1a
Indonesia	28 000	25 000	29 473	24 399	53 068	1a
Iran	79 000	86 000	90 000	125 000	125 000	1a
Italy	1 806 935	2 199 315	2 310 450	2 118 117	2 800 000	2a
Japan	53 503	65 086	55 122	60 000	60 000	2n
Jordan	0	7 341	7 500	7 340	7 200	2n
Korea, Republic of	319 658	367 578	330 000	320 000	248 493	1a
Macedonia	15 000	10 000	9 500	10 000	9 500	2n
Mexico	133 441	121 779	139 972	155 760	197 866	1e
Myanmar	5 735	7 091	0	0	0	1h
Norway	62 905	73 810	72 555	107 335	82 036	1a
Pakistan	19 656	11 750	27 370	14 428	31 168	1a
Peru	14 808	9 099	5 918	2 502	3 984	1e
Philippines	43 805	25 950	26 000	12 717	3 824	1a
Poland	46 000	46 000	64 000	74 000	75 000	2n
Portugal	92 440	98 269	98 596	96 000	80 794	1a
Romania	30 900	30 920	34 975	35 000	37 010	1a
Russia	70 000	55 000	55 000	75 000	80 000	2n
Saudi Arabia	0	11 000	10 000	7 500	10 000	1a
South Africa, Rep. of	37 156	49 224	53 644	59 688	56 800	1e
Spain	250 000	465 000	420 000	398 000	430 000	2e
Sri Lanka	6 595	6 500	6 000	2 010	3 387	1a
Sweden	55 000	50 000	55 000	41 400	33 000	1a
Taiwan	854	0	0	0	0	1e
Thailand	528 027	660 563	662 200	536 000	325 289	1e
Turkey	502 608	760 250	500 000	200 000	734 311	1a
United Kingdom	8 000	8 000	7 500	7 000	6 500	2n
United States	765 202	880 399	889 792	930 000	820 000	2e
Uruguay	2 870	5 099	2 006	3 229	3 500	2n
Uzbekistan	0	0	70 000	70 000	75 000	2n
Venezuela	274 789	230 000	195 723	160 000	158 000	1e
Yugoslavia	5 000	5 441	4 801	4 880	5 000	2h
Zimbabwe	1 617	3 920	3 248	2 254	2 241	1e
Total	6 661 670	8 041 385	8 018 077	7 612 652	8 524 888	

Fluorspar

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Afghanistan	1 200	900	800	560	500	2n
Argentina	3 585	5 071	5 666	6 000	12 000	2h
Brazil	81 000	81 000	77 700	78 399	65 000	1h
China	2 400 000	2 000 000	2 000 000	2 400 000	2 550 000	1h
Colombia	800	800	700	1 000	900	2n
Czech Republic	10 000	0	0	0	0	1a
DPR Korea	40 000	40 000	35 000	33 000	30 000	2n
Egypt	514	321	300	280	140	1a
France	130 300	130 000	110 800	106 600	110 000	1h
Germany, Federal Rep.	35 641	39 081	32 448	23 868	30 641	1e
India	24 788	20 000	19 926	18 000	3 966	1a
Iran	5 300	16 400	20 000	6 200	6 800	1a
Italy	77 946	124 749	126 530	105 794	104 188	1a
Kazakhstan	80 000	75 000	80 000	85 000	90 000	2n
Kenya	53 488	80 230	83 000	68 700	60 854	1e
Korea, Republic of	100	0	0	0	0	1h
Mexico	327 378	522 658	523 971	552 839	598 043	1e

Mongolia	300 000	180 000	127 600	135 000	171 000	1h
Morocco	85 000	106 500	100 000	103 800	105 000	1a
Namibia	51 181	37 076	32 285	23 208	42 139	1h
Pakistan	1 290	1 380	816	160	2 647	1h
Russia	60 000	137 500	137 500	137 500	250 000	2h
South Africa, Rep. of	174 258	195 794	202 018	206 765	228 600	1e
Spain	100 000	112 000	117 000	120 000	124 000	2e
Thailand	23 705	24 144	17 247	7 826	3 743	1e
Tunisia	1 000	2 000	1 000	2 000	1 000	1e
Turkey	6 671	8 873	4 828	5 000	5 034	1a
United Kingdom	50 000	55 000	65 000	67 000	65 000	2e
United States	49 000	51 000	27 900	20 000	10 000	2n
Uzbekistan	80 000	80 000	80 000	90 000	95 000	2n
Total	4 254 145	4 127 477	4 030 035	4 404 499	4 766 195	

Graphite

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Austria	12 324	12 019	33 122	12 582	10 738	1e
Brazil	29 000	37 000	32 000	31 190	30 000	2n
Canada	23 000	20 000	20 000	22 000	22 000	2n
China	500 000	320 000	350 000	250 000	300 000	2n
Czech Republic	25 000	27 000	30 000	26 200	24 000	1a
DPR Korea	35 000	30 000	30 000	30 000	28 000	2n
Germany, Federal Rep.	874	1 034	2 603	1 030	300	2e
India	70 000	70 000	117 527	100 000	131 822	1a
Korea, Republic of	4 300	1 938	3 500	3 200	3 000	2n
Madagascar	8 000	13 965	14 000	13 000	2 330	1e
Mexico	30 863	34 388	40 412	47 982	43 481	1e
Norway	5 200	2 558	7 065	7 713	8 271	1a
Romania	2 070	2 180	2 930	2 000	1 951	1a
Russia	8 000	7 500	7 000	6 800	6 500	2n
Sri Lanka	2 969	3 500	4 000	4 613	5 260	1a
Sweden	0	0	500	1 470	3 277	1a
Tanzania	0	100	200	250	250	2n
Turkey	20 000	20 000	20 000	19 000	18 000	2n
Ukraine	5 755	5 000	5 000	4 800	4 500	2n
Viet Nam	400	400	300	200	200	2n
Zimbabwe	8 729	11 381	7 691	12 779	13 806	1e
Total	791 484	619 963	727 850	596 809	657 686	

Guano

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Philippines	100	57	50	20	25	1a
Seychellen	1 000	1 000	900	900	800	2n
Total	1 100	1 057	950	920	825	

Gypsum and Anhydrite

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Abu Dhabi (UAE)	40 000	30 000	30 000	25 000	23 000	2n
Afghanistan	105 000	98 000	95 000	74 000	80 000	1a
Albania	11 479	10 000	2 108	2 000	1 500	2n
Algeria	230 000	250 000	240 000	230 000	200 000	2n
Angola	40 000	35 000	35 000	30 000	27 000	2n
Argentina	515 269	590 055	633 121	712 935	750 000	2h
Australia	2 000 000	2 100 000	2 100 000	2 000 000	2 200 000	1h
Austria	1 060 469	958 430	996 387	975 738	961 400	1e
Azerbaijan	60 000	55 000	50 000	45 000	43 000	2n
Bhutan	45 100	45 000	66 602	67 000	67 000	2n
Bolivia	532	500	192	20	0	1a
Brazil	789 000	789 000	1 200 000	1 395 664	1 220 000	1h
Bulgaria	159 601	162 595	168 948	156 263	183 929	1a
Canada	8 499 000	8 055 000	8 468 000	8 502 600	8 095 000	2e
Chile	551 821	464 060	520 089	398 354	780 676	1a
China	11 000 000	7 340 000	7 500 000	7 300 000	7 900 000	2n
Colombia	450 000	450 000	522 236	565 000	700 000	2n
Croatia	81 000	110 000	87 000	80 000	105 000	1a
Cyprus	89 460	148 275	94 000	236 200	350 000	1e
Czech Republic	591 000	542 000	443 000	233 000	258 000	1a
Dominican Republic	93 314	95 168	86 848	86 000	87 000	2n
Ecuador	0	2 430	2 038	1 510	2 378	1e
Egypt	1 200 000	2 031 836	2 500 000	2 030 000	2 423 188	1a
El Salvador	15	20	25	29	564	1e
Ethiopia	39 539	40 000	40 000	35 000	33 000	2n
France	5 000 000	4 800 000	4 550 000	4 500 000	4 300 000	2n
Germany, Federal Rep.	2 264 366	2 828 710	2 585 383	2 482 720	2 499 169	1e
Greece	453 722	485 353	546 344	662 646	554 998	1e
Guatemala	89 000	70 000	27 761	27 500	27 200	2n
Honduras	25 500	25 500	30 000	25 000	23 000	2n
Hungary	151 000	151 000	185 000	192 000	185 000	1a
India	1 900 000	1 900 000	2 096 338	2 200 000	2 326 876	1a
Indonesia	800	800	1 660	1 955	406	1a
Iran	8 433 000	8 230 000	8 750 000	8 900 000	9 750 000	1a
Iraq	350 000	380 000	400 000	420 000	430 000	2n
Ireland	367 300	406 000	423 000	477 000	500 000	2h
Israel	48 000	47 500	75 000	90 000	56 000	1e
Italy	1 361 017	1 492 594	1 200 000	1 210 718	1 232 535	1a
Jamaica	164 000	188 000	251 000	132 000	200 000	1h
Jordan	200 000	166 575	120 810	114 500	110 000	2n
Kenya	569	1 000	900	900	700	1h
Laos	102 217	110 000	75 000	115 000	104 250	1a
Latvia	61 026	78 813	63 888	60 905	93 611	1e
Lebanon	2 000	2 000	1 800	1 500	1 300	2n
Libya	160 000	170 000	180 000	190 000	200 000	2n
Mauritania	4 230	10 100	12 500	5 460	18 795	1a
Mexico	3 438 110	3 477 840	3 758 900	4 216 300	3 993 305	1e
Moldavia	14 600	13 600	12 700	13 000	19 080	1a
Mongolia	25 000	25 000	20 000	20 000	18 000	2n
Myanmar	31 497	37 011	28 599	34 546	26 329	1h
Nicaragua	10 300	10 000	20 242	15 820	12 000	2n
Niger	1 500	1 500	1 897	2 000	2 200	2n

Oman	121 446	104 490	113 137	77 971	165 000	1e
Pakistan	607 369	624 000	416 000	412 196	254 410	1a
Paraguay	5 000	7 000	7 500	6 500	6 300	2n
Peru	15 161	25 340	65 446	64 863	71 018	1e
Poland	1 050 000	1 038 000	1 082 000	1 039 000	1 000 000	2h
Portugal	498 000	520 000	540 000	520 000	570 000	1a
Russia	1 200 000	1 000 000	700 000	650 000	600 000	2n
Saudi Arabia	375 000	370 000	429 200	406 954	460 000	2n
Somalia	1 000	1 000	900	800	700	2n
South Africa, Rep. of	304 377	299 975	340 688	365 279	485 700	1e
Spain	7 350 000	7 700 000	7 900 000	8 300 000	9 250 000	2e
Sudan	1 900	1 800	2 000	9 212	15 000	1h
Switzerland	298 700	321 800	312 940	293 828	274 300	1a
Syria	301 600	300 000	358 438	329 910	290 355	1a
Taiwan	2 886	0	0	0	0	1e
Tajikistan	300 000	250 000	250 000	230 000	200 000	2n
Tanzania	19 000	0	0	0	0	2h
Thailand	8 139 817	8 533 225	9 251 580	8 557 000	4 333 804	1e
Tunisia	200 000	180 000	180 000	160 000	150 000	2n
Turkey	486 704	670 208	679 595	784 662	351 557	1a
Turkmenistan	150 000	120 000	169 577	137 400	130 000	2n
Uganda	0	0	0	0	142	1e
United Kingdom	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	2e
United States	17 200 000	16 587 000	17 500 000	17 000 000	18 500 000	1e
Uruguay	90 317	90 000	95 000	90 000	85 000	2n
Venezuela	135 000	100 000	30 149	80 000	72 000	1e
Viet Nam	25 000	25 000	22 000	20 000	18 000	2n
Yemen, Republic of	80 000	80 000	70 000	65 000	63 000	2n
Yugoslavia	43 000	40 342	44 257	32 124	35 000	2h
Total	93 311 630	90 500 445	93 859 723	92 925 482	92 557 675	

Kaolin

C o u n t r y	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Albania	1 877	1 500	1 300	1 200	1 100	2n
Algeria	16 984	24 068	23 417	18 533	32 500	1h
Argentina	50 471	39 860	64 241	65 000	66 000	2n
Australia	240 000	200 000	190 000	170 000	220 000	1h
Austria	468 873	426 553	189 235	266 058	298 110	1e
Bangladesh	3 283	3 300	3 500	3 800	3 700	2n
Belgium	45 000	45 000	45 000	40 000	38 000	2n
Brazil	953 000	1 000 000	1 110 000	1 280 000	1 380 000	1h
Bulgaria	145 262	168 455	188 795	158 185	151 451	1a
Burundi	5 000	4 000	4 000	3 500	3 200	2n
Chile	73 081	10 845	13 452	14 238	11 530	1a
China	700 000	900 000	950 000	970 000	1 000 000	1h
Colombia	1 340 000	1 000 000	900 000	800 000	700 000	2n
Cuba	4 200	5 200	5 500	11 500	13 000	2n
Czech Republic	652 000	546 000	545 610	773 495	587 730	1a
Ecuador	6 622	4 505	8 654	7 346	7 000	2n
Egypt	180 000	233 097	293 381	258 725	285 497	1a
Eritrea	5 230	1 328	1 000	1 946	1 587	1e
Ethiopia	0	701	1 438	3 512	4 000	2n
France	387 000	345 000	326 000	332 000	330 000	2n

Germany, Federal Rep.	1 629 158	1 924 769	1 794 352	1 794 501	3 360 563	1e
Greece	117 254	66 582	60 453	56 459	46 388	1e
Guatemala	500	76	109	110	115	2n
Hungary	33 200	12 000	3 000	3 000	9 500	1a
India	663 190	600 000	685 675	530 000	708 503	1a
Indonesia	48 665	45 000	49 744	49 000	30 036	1a
Iran	551 000	471 000	470 000	860 000	1 050 000	1a
Italy	58 574	85 661	126 000	180 570	0	1a
Japan	114 000	182 122	141 230	110 915	83 257	1a
Jordan	50 000	65 998	37 832	34 550	34 000	2n
Kenya	0	300	300	200	150	1h
Korea, Republic of	361 886	495 055	500 000	480 000	393 736	1a
Madagascar	700	700	650	600	378	1e
Malaysia	252 628	211 182	209 562	187 411	176 521	1e
Mexico	216 000	220 000	165 000	160 000	155 000	2n
New Zealand	28 000	13 662	26 000	26 000	26 000	1h
Nigeria	200	150	150	100	80	2n
Pakistan	0	0	0	74 965	72 262	1a
Paraguay	55 000	70 000	75 000	60 000	55 000	2n
Peru	7 908	8 445	14 295	7 875	4 968	1e
Philippines	5 655	3 543	3 000	1 440	1 000	2n
Poland	58 800	53 800	56 200	52 400	50 000	2n
Portugal	170 000	180 000	165 000	97 000	216 000	1a
Romania	40 000	35 000	32 000	28 000	24 742	1a
Russia	1 000 000	1 000 000	1 500 000	1 500 000	1 400 000	2n
Saudi Arabia	0	30 000	7 000	6 700	7 100	1a
Slovakia	24 100	13 300	17 000	24 500	22 000	1e
Slovenia	3 562	0	0	0	0	1a
South Africa, Rep. of	131 863	146 527	146 496	120 148	101 300	1e
Spain	290 000	300 000	318 000	296 000	310 000	2e
Sri Lanka	4 559	4 500	4 000	7 562	13 172	1a
Taiwan	102 160	100 000	102 000	100 000	0	1e
Tanzania	520	596	1 332	1 000	1 200	2n
Thailand	417 064	460 629	553 770	296 510	248 461	1e
Turkey	179 775	489 635	300 000	477 383	403 733	1a
Uganda	0	0	0	0	100 000	1e
United Kingdom	2 530 000	2 586 000	2 281 000	2 400 000	2 400 000	2e
United States	8 770 733	9 481 810	9 121 220	8 990 000	9 450 000	1e
Venezuela	10 000	6 000	8 472	5 000	4 500	2n
Viet Nam	700	700	600	500	450	2n
Yugoslavia	30 000	56 926	60 000	60 000	60 000	2h
Zimbabwe	462	57	0	0	0	1e
Total	23 235 699	24 381 137	23 900 965	24 259 437	26 154 520	

Magnesite

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	289 071	261 421	180 083	333 668	360 787	1e
Austria	681 375	783 497	710 620	790 297	722 876	1e
Brazil	279 600	282 000	302 700	294 629	292 000	1h
Canada	300 000	200 000	200 000	150 000	200 000	1h
China	1 500 000	1 500 000	2 200 000	2 400 000	2 200 000	1h
Colombia	10 747	10 000	9 000	8 500	7 500	2n
DPR Korea	1 600 000	1 500 000	1 600 000	1 700 000	800 000	1h

Greece	575 472	520 000	662 346	623 030	698 049	1e
India	400 000	335 000	373 000	375 000	350 755	1a
Iran	65 000	55 000	50 000	105 000	120 000	1a
Pakistan	4 572	4 000	4 100	4 130	1 082	1a
Philippines	18 000	0	0	0	0	1a
Poland	30 000	26 000	21 000	30 000	32 000	2n
Russia	800 000	1 200 000	1 300 000	1 500 000	1 700 000	1h
Slovakia	989 740	814 500	825 000	868 000	877 800	1e
South Africa, Rep. of	71 726	84 289	71 358	76 699	74 300	1e
Spain	150 000	219 000	199 000	171 000	170 000	2e
Turkey	1 365 527	1 928 064	2 341 922	1 119 103	2 703 720	1a
Yugoslavia	68 000	75 000	89 000	98 000	85 000	2h
Zimbabwe	1 588	5 597	10 659	13 050	4 321	1e
Total	9 200 418	9 803 368	11 149 788	10 660 106	11 400 190	

Perlite

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Argentina	21 200	20 058	21 547	22 000	23 000	2n
Armenia	5 000	5 000	6 000	6 000	5 500	2n
Australia	3 600	3 600	3 500	3 400	3 200	2n
Greece	468 699	565 479	598 640	695 917	658 332	1e
Hungary	104 000	104 000	104 300	151 800	148 500	1a
Iran	4 000	800	1 000	3 500	3 800	1a
Japan	200 000	200 000	200 000	200 000	200 000	2h
Mexico	35 000	35 000	37 417	35 000	36 000	2n
New Zealand	0	1 800	1 880	1 900	2 000	2n
Philippines	6 017	17 133	20 000	25 941	6 356	1a
Russia	100 000	100 000	90 000	80 000	70 000	2n
Slovakia	18 900	18 200	27 000	25 000	24 000	1e
South Africa, Rep. of	914	1 338	682	650	630	2n
Turkey	250 000	371 058	175 000	134 349	124 312	1a
United States	644 275	700 103	648 396	703 000	685 000	1e
Total	1 861 605	2 143 569	1 935 362	2 088 457	1 990 630	

Phosphate

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Algeria	250 920	542 640	357 340	361 420	442 000	1h
Australia	1 000	800	1 864	1 970	1 855	1e
Brazil	1 201 220	1 220 600	1 298 800	1 510 000	1 502 800	1h
Burkina Faso	300	250	250	200	180	2n
Cambodia	1 500	1 200	1 000	1 000	1 000	1e
Chile	2 508	2 500	2 000	1 800	3 917	1a
China	25 617 000	26 800 000	31 040 200	30 365 000	30 980 000	2h
Christmas Island	90 000	100 000	163 200	164 000	207 120	1a
Colombia	9 621	9 000	14 200	13 000	15 000	1h
DPR Korea	130 000	130 000	200 000	220 000	155 000	1h
Egypt	300 000	266 144	250 000	364 650	269 989	1a
Finland	647 250	671 242	667 196	689 053	700 000	2n

India	279 158	351 000	351 000	245 430	398 862	1a
Indonesia	1 000	1 000	505	533	752	1a
Iraq	550 000	440 000	465 000	466 000	495 000	1h
Israel	2 080 000	2 028 000	2 322 000	2 708 000	2 940 000	1e
Jordan	1 348 800	1 828 225	1 713 618	1 945 542	1 861 440	1n
Kazakhstan	1 736 800	1 500 000	900 000	500 000	450 000	2n
Mali	0	720	0	0	0	1h
Mexico	171 690	199 153	218 265	228 372	242 032	1e
Morocco	6 303 850	6 297 030	6 465 050	7 156 040	7 119 460	1a
Nauru	224 298	228 000	193 800	190 000	180 000	2n
Pakistan	16 042	8 000	15 000	16 000	15 000	2n
Peru	22 556	20 000	18 000	17 000	46 821	1e
Philippines	2 936	3 752	4 000	4 800	7 506	1a
Russia	3 000 000	1 275 000	1 081 500	1 080 000	1 425 000	2h
Senegal	617 100	574 992	628 140	593 560	566 200	1h
South Africa, Rep. of	1 190 000	2 790 000	2 790 000	2 732 000	2 700 000	1h
Sri Lanka	12 240	12 300	12 500	9 768	12 784	1a
Syria	366 559	400 000	656 352	741 173	748 236	1a
Tanzania	0	0	717	800	850	2n
Thailand	1 935	2 000	3 528	3 818	3 029	1e
Togo	782 666	946 920	1 013 600	983 554	850 700	1h
Tunisia	1 011 420	1 134 360	1 287 180	1 357 380	1 430 280	1e
United States	12 117 600	12 765 000	13 000 000	14 000 000	12 900 000	1e
Venezuela	17 201	39 000	60 900	87 300	96 600	1e
Viet Nam	150 000	150 000	160 000	160 000	150 000	2n
Zimbabwe	45 900	46 345	36 789	31 687	27 430	1e
Total	60 301 070	62 785 173	67 393 494	68 950 850	68 946 843	

Potash

C o u n t r y	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Azerbaijan	40 000	50 000	50 000	50 000	45 000	2n
Belorussia	3 200 000	4 000 000	4 600 000	5 479 000	5 754 000	1a
Brazil	255 000	215 411	235 000	280 164	326 000	1h
Canada	8 037 000	8 855 000	8 050 000	9 301 000	8 969 000	2e
Chile	55 000	65 000	112 770	148 050	151 200	1a
China	60 000	90 000	80 000	100 000	150 000	2n
France	936 000	896 000	812 000	780 000	450 000	1h
Germany, Federal Rep.	3 286 600	3 278 363	3 331 790	3 420 601	3 580 350	1e
Israel	1 280 390	1 346 270	1 520 120	1 525 000	1 745 210	1e
Jordan	822 000	1 125 279	1 068 000	849 405	910 200	1h
Russia	2 800 000	2 800 000	2 700 000	3 400 000	3 500 000	2h
South Africa, Rep. of	0	2 400	0	0	0	1e
Spain	659 000	637 000	680 000	639 000	585 000	2e
Ukraine	70 000	110 000	100 000	100 000	60 000	2h
United Kingdom	610 234	611 497	650 663	696 968	640 544	2e
United States	1 400 000	1 480 000	1 390 000	1 430 000	1 300 000	1e
Total	23 511 224	25 562 220	25 380 343	28 199 188	28 166 504	

Salt

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Abu Dhabi (UAE)	35 000	35 000	38 000	35 000	30 000	2n
Afghanistan	22 500	25 000	28 000	31 500	35 000	1a
Albania	40 000	40 000	35 000	22 732	22 000	2n
Algeria	178 000	250 000	220 000	137 310	228 000	1h
Angola	40 000	40 000	30 000	28 000	25 000	2n
Argentina	957 000	1 009 297	1 096 321	1 100 000	1 200 000	2n
Armenia	24 000	26 000	26 400	26 500	24 911	1a
Australia	8 137 000	8 480 000	7 905 000	9 043 000	8 877 000	1e
Austria	742 550	787 392	776 041	704 764	735 468	1e
Azerbaijan	30 000	30 000	25 000	23 000	25 400	1h
Bahamas	850 000	850 000	800 000	750 000	730 000	2n
Bangladesh	700 000	650 000	620 000	600 000	580 000	2n
Belorussia	280 000	285 000	290 000	235 000	290 000	1a
Benin	100	90	80	70	70	2n
Bolivia	150	200	273	869	4 562	1a
Botswana	186 000	208 126	180 000	184 533	214 700	1h
Brazil	5 300 000	6 100 000	5 500 000	6 516 000	7 000 000	2n
Bulgaria	120 000	110 000	100 000	85 000	73 742	1a
Cambodia	40 000	38 000	35 000	93 500	100 000	1e
Canada	11 497 000	10 957 000	12 126 000	13 264 300	13 192 000	2e
Cape Verde	1 200	1 100	1 000	1 000	900	2n
Chile	3 177 898	3 000 000	3 200 000	5 488 135	6 207 266	1a
China	32 000 000	24 900 000	28 990 000	29 280 600	22 420 000	1h
Colombia	210 000	200 000	320 000	373 000	496 103	1e
Costa Rica	25 000	25 000	25 000	20 000	18 000	2n
Croatia	29 300	22 800	17 500	16 600	24 000	1a
Cuba	159 400	154 500	159 800	166 300	175 000	2n
DPR Korea	560 000	500 000	480 000	460 000	450 000	2n
Denmark	625 076	579 324	590 000	540 000	455 295	1a
Dominican Republic	10 000	10 000	10 000	9 000	8 500	2n
Egypt	1 007 495	1 849 145	2 000 000	1 530 000	2 487 645	1a
El Salvador	22 000	21 500	21 500	21 000	20 500	2n
Eritrea	207 835	254 700	300 000	252 076	114 136	1e
Ethiopia	155 075	150 000	150 000	100 000	90 000	2n
France	6 200 000	7 540 000	7 074 000	8 112 000	8 200 000	2h
Germany, Federal Rep.	12 557 090	14 607 210	15 943 040	15 656 728	14 139 000	1e
Ghana	50 000	45 000	40 000	35 000	30 000	2n
Greece	192 000	140 000	138 239	173 889	208 000	1e
Guatemala	80 000	80 000	80 000	75 000	73 000	2n
Honduras	25 000	25 000	30 000	28 000	25 000	2n
India	9 500 000	9 500 000	9 500 000	9 300 000	9 000 000	2n
Indonesia	600 000	600 000	500 000	400 000	300 000	2n
Iran	1 050 000	936 000	1 000 000	1 180 000	1 450 000	1a
Iraq	220 000	230 000	240 000	250 000	260 000	2n
Israel	1 001 600	946 017	765 000	750 000	700 000	2n
Italy	3 396 155	3 430 374	3 000 000	3 594 549	3 240 000	2a
Jamaica	14 000	14 000	14 500	15 000	15 500	2n
Japan	1 390 000	1 400 000	1 400 000	1 420 000	1 000 000	2h
Jordan	25 000	78 175	80 000	80 000	263 365	1h
Kenya	70 500	71 400	72 000	71 400	21 742	1e
Kuwait	36 897	37 038	36 000	36 000	35 000	2n

Laos	9 000	8 000	7 000	7 500	3 453	1a
Lebanon	3 000	2 500	2 500	2 000	1 800	2n
Libya	15 000	30 000	28 000	27 000	30 000	1h
Madagascar	50 000	45 000	45 000	40 000	38 000	2n
Mali	5 000	0	0	0	0	1h
Malta	170	160	150	130	120	2n
Mexico	7 458 414	7 669 549	8 508 148	7 932 772	8 412 063	1e
Mongolia	18 000	18 000	17 000	16 000	15 000	2n
Morocco	178 584	172 782	165 393	257 500	107 604	1a
Mozambique	40 000	40 000	35 000	30 000	25 000	2n
Myanmar	276 740	250 000	230 000	200 000	180 000	2n
Namibia	349 621	423 525	378 860	485 414	502 138	1h
Nepal	7	7	6	6	1	1a
Netherlands	4 245 000	4 786 000	4 800 000	5 601 000	5 600 000	2n
New Zealand	80 000	80 000	75 000	70 000	68 000	2n
Nicaragua	15 000	15 000	16 000	15 000	14 000	2n
Niger	2 000	2 000	2 000	1 800	1 600	2n
Oman	10 000	14 317	12 429	10 069	13 778	1e
Pakistan	896 051	890 000	966 000	1 058 653	1 115 763	1a
Panama	31 000	30 000	28 000	29 763	25 266	1e
Peru	97 212	140 200	145 000	79 492	220 310	1e
Philippines	562 255	600 000	620 000	686 514	700 000	1a
Poland	3 179 000	3 209 000	3 099 000	2 964 000	3 942 000	1h
Portugal	519 432	587 288	604 396	595 997	597 065	1a
Puerto Rico	37 500	37 500	37 000	36 500	36 000	2n
Romania	2 012 000	2 489 300	2 688 900	2 800 000	2 200 037	1a
Russia	3 500 000	3 400 000	2 000 000	1 600 000	1 500 000	2n
Saudi Arabia	0	91 000	128 000	155 575	104 347	1a
Senegal	117 000	25 100	57 000	50 000	48 000	2n
Slovakia	99 600	99 600	103 200	97 000	102 200	1e
Somalia	5 000	4 000	3 500	3 000	2 700	2n
South Africa, Rep. of	414 463	313 465	248 110	320 000	356 100	1e
Spain	2 850 000	3 500 000	3 494 000	3 548 000	3 620 000	2e
Sri Lanka	120 000	120 000	125 000	126 000	126 000	2n
Sudan	91 000	59 780	60 000	60 000	55 000	2n
Switzerland	262 000	413 000	464 000	415 400	400 900	1a
Syria	77 431	78 000	72 415	66 975	78 757	1a
Taiwan	414 712	400 000	410 000	420 000	300 000	2n
Tanzania	60 000	105 000	86 700	85 000	82 000	2n
Thailand	287 806	380 511	529 674	555 000	546 096	1e
Tunisia	528 000	319 000	557 000	437 000	466 000	1e
Turkey	1 353 306	1 442 050	2 012 000	2 500 000	2 169 626	1a
Turkmenistan	10 000	10 000	15 000	30 000	35 000	2n
Uganda	4 000	3 500	3 000	2 500	2 000	2n
Ukraine	3 272 713	3 500 000	3 000 000	2 800 000	2 500 000	2n
United Kingdom	6 909 000	7 100 000	7 012 000	6 600 000	4 800 700	2e
United States	39 845 000	42 150 000	42 200 000	41 400 000	40 763 000	1e
Venezuela	450 000	460 000	460 000	450 000	430 000	2n
Viet Nam	550 000	500 000	450 000	400 000	350 000	2n
Yemen, Republic of	200 000	200 000	150 000	130 000	125 000	2n
Yugoslavia	30 000	20 000	15 000	20 000	18 000	2n
Total	185 318 838	187 503 522	192 175 075	197 534 915	188 146 229	

Sulfur

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Abu Dhabi (UAE)	110 000	90 000	80 000	80 000	75 000	2n
Albania	2 000	2 000	1 500	1 300	1 200	2n
Algeria	25 000	26 000	26 000	25 000	24 500	2n
Australia	500 000	450 000	400 000	350 000	330 000	2n
Austria	9 266	10 340	3 122	11 098	10 045	1e
Bahrain	27 247	41 513	40 000	40 000	41 000	1h
Bolivia	252	0	0	0	0	1a
Brazil	250 000	256 755	230 000	234 707	460 000	2n
Bulgaria	15 000	25 301	26 624	25 033	21 535	1a
Canada	8 154 000	9 014 000	8 131 000	8 502 600	8 410 000	2e
Chile	1 000	2 488	0	0	0	1a
China	5 400 000	5 400 000	5 470 000	6 000 000	6 000 000	1h
Colombia	53 357	60 000	49 400	53 541	55 000	2n
Cuba	100	0	0	0	0	2n
DPR Korea	160 000	150 000	140 000	130 000	120 000	2n
Ecuador	14 000	13 500	13 000	12 500	12 000	2n
Egypt	8 000	7 000	7 000	6 500	6 300	2n
Finland	366 621	422 212	440 037	374 736	389 920	1a
France	1 111 200	1 065 000	989 700	960 000	950 000	2n
Germany, Federal Rep.	820 476	1 003 468	1 000 689	1 085 306	1 089 771	1e
Greece	56 000	50 020	26 445	15 440	15 000	2n
India	19 050	15 000	14 000	13 000	12 143	1a
Indonesia	3 300	3 000	3 165	9 177	10 000	2n
Iran	860 000	1 105 000	1 300 000	1 120 000	1 200 000	1a
Iraq	600 000	600 000	475 000	475 000	450 000	2n
Italy	258 368	250 000	250 000	200 000	180 000	2n
Japan	2 600 000	2 000 000	1 500 000	633 369	544 904	1a
Kazakhstan	150 000	140 000	97 000	100 000	120 000	2n
Kuwait	467 924	277 798	605 963	600 000	580 000	2n
Libya	20 000	19 000	22 000	24 000	22 000	2n
Mexico	876 897	882 414	921 349	923 352	912 826	1e
Namibia	60 817	62 000	45 338	46 476	47 000	2n
New Zealand	2 102	0	0	0	0	1h
Norway	43 000	43 000	42 900	42 500	42 300	2n
Pakistan	545	500	500	210	200	2n
Peru	66 000	65 000	60 000	55 000	40 000	2n
Poland	2 134 000	2 392 000	1 744 000	2 079 000	1 384 000	1h
Qatar	62 300	53 900	53 000	50 000	47 000	2n
Romania	150 000	130 000	120 000	110 000	100 000	2n
Russia	1 830 000	1 900 000	2 500 000	3 000 000	3 670 000	1h
Saudi Arabia	1 600 000	1 000 000	1 500 000	1 600 000	1 500 000	2n
Singapore	60 000	0	0	0	0	1e
South Africa, Rep. of	488 716	458 962	476 235	466 192	451 900	1e
Spain	702 000	702 000	600 000	700 000	750 000	2n
Sweden	20 000	20 000	0	0	0	1a
Syria	14 815	15 000	15 000	0	0	1a
Taiwan	154 778	150 000	152 000	153 000	184 324	1e
Turkey	100 000	100 000	90 000	80 000	70 000	2n
Turkmenistan	117 000	100 000	100 000	150 000	170 000	2n
Ukraine	362 273	310 000	170 000	100 000	97 000	2h
United Kingdom	205 000	205 000	200 000	150 000	130 000	2n
United States	11 474 000	11 798 000	11 979 000	11 900 000	10 058 000	1e

Venezuela	150 000	140 000	140 000	130 000	120 000	2n
Yugoslavia	120 000	100 000	80 000	100 000	90 000	2n
Zaire	8 000	7 000	7 000	6 000	5 000	2n
Zambia	30 000	30 000	25 000	22 000	28 956	1a
Zimbabwe	29 831	30 000	30 000	25 000	23 000	2n
Total	42 924 235	43 194 171	42 392 967	42 971 037	41 051 824	

Talc

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Argentina	16 850	12 474	11 777	11 000	10 000	2n
Australia	170 000	170 000	165 000	160 000	158 000	2n
Austria	130 602	131 614	152 645	141 984	137 114	1e
Brazil	440 000	440 000	470 000	452 000	450 000	2n
Canada	130 000	75 000	75 000	70 000	74 000	2e
Chile	5 375	4 107	4 276	3 986	3 772	1a
China	2 700 000	2 400 000	2 500 000	2 350 000	2 200 000	1h
Colombia	18 000	18 000	14 800	15 000	15 500	2n
DPR Korea	120 000	100 000	110 000	120 000	100 000	2n
Egypt	4 125	3 700	3 500	3 200	3 972	1a
Eritrea	1	0	0	0	0	1e
Finland	453 031	453 031	418 592	437 066	498 152	1a
France	278 000	322 000	322 300	335 000	360 000	1h
Germany, Federal Rep.	11 538	14 170	10 005	8 819	15 473	1e
Greece	400	150	180	0	0	1e
Guatemala	0	807	694	650	948	1a
Hungary	1 700	1 700	1 700	1 500	1 400	2n
India	470 000	456 000	462 152	600 000	456 187	1f
Iran	27 000	26 000	25 000	24 300	28 500	1a
Italy	138 416	159 106	168 000	140 816	134 000	1a
Japan	716 000	717 269	659 904	620 000	600 000	2n
Korea, Republic of	743 291	819 358	730 000	820 000	868 020	1a
Macedonia	16 500	15 000	14 500	15 000	10 000	1h
Mexico	15 000	15 000	10 100	10 000	9 800	2n
Nepal	3 000	2 362	2 300	6 500	6 157	1a
Norway	27 000	30 683	28 140	30 475	21 000	1a
Peru	19 974	20 000	25 000	25 000	20 000	2n
Portugal	8 367	8 706	8 277	7 831	9 752	1a
Romania	9 000	10 000	10 250	10 400	8 133	1a
Russia	300 000	300 000	280 000	250 000	230 000	2n
Slovakia	30 900	26 000	26 200	26 000	21 200	1e
South Africa, Rep. of	13 709	14 730	18 537	23 184	22 832	1e
Spain	80 606	112 341	362 000	380 000	385 000	2n
Sweden	25	25	30	25	24	1a
Taiwan	4 290	4 000	3 800	4 500	7 750	1e
Thailand	45 000	80 541	71 668	30 500	21 720	1h
Turkey	4 000	3 500	3 000	3 200	3 700	2n
United Kingdom	5 000	4 000	5 000	6 000	5 000	2e
United States	934 725	1 058 650	994 314	1 060 000	1 060 000	1e
Uruguay	913	863	800	914	950	2n
Zambia	350	380	380	350	300	2n
Zimbabwe	2 049	2 080	1 076	1 023	1 039	1e
Total	8 094 737	8 033 347	8 170 897	8 206 223	7 959 395	

Vermiculite

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Argentina	32	44	0	0	0	2h
Australia	200	200	400	400	700	2n
Brazil	46 000	46 000	42 000	23 000	20 500	1h
Egypt	1 659	772	483	447	420	2n
India	1 899	1 500	1 300	1 200	4 035	1a
Japan	15 000	15 000	10 000	10 000	8 000	2n
Kenya	1 113	457	734	1 418	353	1e
Mexico	300	200	225	350	360	2n
Russia	50 000	40 000	40 000	35 000	30 000	2n
South Africa, Rep. of	223 478	221 748	186 082	211 001	221 300	1e
Ukraine	0	0	0	0	50 000	2h
United States	177 000	170 000	170 000	150 000	180 000	2h
Zimbabwe	8 184	13 742	10 249	14 841	14 804	1e
Total	524 865	509 663	461 473	447 657	530 472	

Zirconium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Australia	511 000	510 000	462 000	427 000	393 000	1e
Brazil	24 000	15 000	17 000	16 000	15 000	2n
China	10 000	15 000	15 000	15 000	13 000	2n
India	20 000	20 000	18 000	21 000	20 000	2n
Malaysia	1 656	3 790	4 511	5 000	5 100	2n
South Africa, Rep. of	230 000	250 000	346 500	265 000	260 000	2n
Sri Lanka	22 321	18 000	20 000	12 450	8 814	1a
Thailand	326	0	5	10	0	1e
Ukraine	50 000	65 000	65 000	55 000	50 000	2n
United States	125 000	100 000	100 000	80 000	70 000	2n
Total	994 303	996 790	1 048 016	896 460	834 914	

6.4.5

Mineral Fuels

Energierohstoffe

Hard Coal

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Afghanistan	178 000	167 000	180 000	98 000	105 000	1a
Argentina	150 000	130 000	240 000	240 000	240 000	2h
Australia	228 014 000	229 500 000	206 000 000	222 000 000	282 000 000	1e
Bhutan	55 010	55 000	63 865	64 000	63 000	2n
Botswana	900 000	898 383	860 000	776 917	800 000	1h
Brazil	4 911 000	5 510 000	5 400 000	5 600 000	5 560 000	1h
Bulgaria	29 386	24 471	18 805	14 198	13 192	1a
Canada	62 123 648	63 123 648	66 000 000	68 470 000	63 590 000	2e
Chile	1 670 000	1 484 870	1 444 100	1 413 000	1 400 000	2n
China	1 150 400 000	1 360 000 000	1 400 000 000	1 360 000 000	1 285 500 000	2h
Colombia	22 527 000	26 020 000	30 065 000	32 592 000	34 000 000	1h
Croatia	96 000	75 000	64 000	48 500	51 000	1a
Czech Republic	20 910 000	21 309 000	16 394 000	16 038 000	15 863 000	1a
DPR Korea	41 000 000	40 000 000	43 300 000	60 000 000	60 000 000	1h
Egypt	3 000	1 207	1 000	1 200	1 400	2n
France	8 004 000	8 210 000	7 312 000	6 120 000	5 300 000	1h
Georgia	50 000	50 000	50 000	4 600	14 700	1a
Germany, Federal Rep.	52 407 700	53 563 599	48 196 510	46 789 987	41 639 952	1e
Hungary	1 011 000	855 000	963 000	925 000	877 028	1a
India	256 728 000	263 500 000	288 208 000	295 900 000	293 565 000	1a
Indonesia	30 951 239	38 311 877	47 338 609	54 652 295	60 302 622	1a
Iran	1 720 000	1 590 000	1 840 000	1 750 000	1 810 000	1a
Italy	0	0	4 787	0	0	1a
Japan	6 900 000	8 741 000	6 480 000	4 274 000	3 663 000	1a
Kazakhstan	101 500 000	101 000 000	76 600 000	69 600 000	65 700 000	1h
Korea, Republic of	7 438 849	5 670 000	5 100 000	4 500 000	4 361 000	1a
Kyrgyzstan	2 000 000	1 000 000	800 000	500 000	400 000	1h
Laos	3 284	3 746	3 800	4 000	8 773	1a
Malawi	50 000	50 000	71 153	63 000	54 200	2h
Malaysia	173 749	112 100	73 747	105 231	349 849	1e
Mexico	6 392 937	7 391 057	8 779 518	8 509 976	7 632 227	1e
Morocco	650 400	649 600	505 600	376 300	269 100	1a
Mozambique	10 000	40 000	35 000	35 000	40 000	2n
New Zealand	2 721 526	3 202 156	3 509 334	3 500 000	3 100 000	1h
Niger	150 000	170 971	182 022	150 000	150 000	1h
Nigeria	100 000	90 000	90 000	90 000	90 000	1n
Norway	301 190	292 094	229 636	386 440	328 169	1a
Pakistan	3 082 221	3 010 000	3 402 000	3 300 000	3 100 000	1h
Peru	83 160	80 000	82 000	80 000	80 000	1h
Philippines	1 458 071	1 320 000	1 700 000	1 100 000	1 400 000	1h
Poland	134 078 000	135 523 000	136 272 000	132 576 000	116 706 000	1h
Portugal	147 154	150 000	150 000	100 000	0	1a
Romania	4 789 400	4 900 000	5 338 900	4 300 000	3 200 900	1a
Russia	180 700 000	170 500 000	194 900 000	161 000 000	153 920 000	2h
South Africa, Rep. of	195 805 440	204 275 895	206 362 033	218 617 320	224 580 000	1e
Spain	13 984 000	17 689 000	18 866 000	17 993 000	16 321 000	2e
Swaziland	227 730	171 670	128 970	203 100	410 000	1h

Taiwan	285 099	234 965	147 497	98 203	79 310	1e
Tajikistan	150 000	100 000	80 000	50 000	10 000	1h
Tanzania	42 000	43 200	52 000	100 000	100 000	1h
Thailand	22 000	0	0	0	0	1e
Turkey	4 210 780	3 377 334	3 320 000	4 444 865	3 336 021	1a
Ukraine	85 000 000	80 000 000	67 200 000	73 900 000	59 395 000	2h
United Kingdom	48 971 000	52 630 000	50 196 000	48 600 000	41 300 000	1h
United States	857 675 000	856 019 000	883 390 320	908 400 000	934 200 000	1h
Uzbekistan	4 000 000	3 100 000	2 844 000	3 130 000	3 010 000	2h
Venezuela	4 600 000	4 600 000	4 127 789	5 280 000	6 324 000	1e
Viet Nam	6 100 000	7 200 000	8 000 000	10 700 000	13 000 000	1a
Yugoslavia	82 000	57 000	63 000	92 000	105 000	2h
Zambia	160 000	141 282	98 500	98 000	150 000	1h
Zimbabwe	4 566 437	4 743 486	5 174 685	5 300 749	5 048 977	1e
Total	3 562 450 410	3 792 657 611	3 858 299 180	3 865 054 881	3 824 618 420	

Lignite

<i>C o u n t r y</i>	1994	1995	1996	1997	1998	<i>Rem</i>
	metr.t	metr.t	metr.t	metr.t	metr.t	
Albania	120 112	80 262	68 936	38 900	33 000	1h
Australia	48 682 000	48 100 000	55 000 000	61 000 000	60 000 000	2n
Austria	1 368 717	1 249 299	1 108 058	1 130 339	1 140 151	1e
Bulgaria	25 429 000	27 448 896	28 103 868	26 929 000	27 116 947	1a
Canada	10 684 628	10 968 897	10 838 575	11 652 553	11 790 000	2e
China	41 730 000	44 600 000	45 000 000	30 000 000	50 000 000	1h
Croatia	7 000	7 000	2 000	0	0	1a
Czech Republic	60 728 000	58 773 000	56 366 000	53 825 000	48 619 000	1a
DPR Korea	14 000 000	10 000 000	13 000 000	16 000 000	15 000 000	1h
France	1 500 000	1 400 000	798 000	690 000	800 000	1h
Germany, Federal Rep.	207 095 800	192 753 226	187 179 239	177 159 767	166 035 061	1e
Greece	57 532 515	56 553 231	59 737 680	58 939 419	60 910 433	1e
Hungary	12 739 000	13 942 000	14 508 000	15 246 000	14 191 400	1a
India	19 257 000	22 000 000	22 540 000	25 000 000	23 009 000	1a
Italy	509 247	352 293	223 400	222 421	251 000	1a
Kazakhstan	2 500 000	2 100 000	1 800 000	3 000 000	3 000 000	1h
Macedonia	7 018 087	7 353 093	7 723 000	7 443 000	6 500 000	1h
Mongolia	5 000 000	5 100 000	4 922 000	4 500 000	5 200 000	1h
Myanmar	72 546	34 708	44 412	22 537	18 324	1h
Nepal	11 000	6 048	5 500	8 200	10 954	1a
New Zealand	182 984	242 882	109 982	200 000	200 000	1h
Poland	66 782 000	63 545 000	63 845 000	63 197 000	62 820 000	1h
Romania	35 404 300	35 671 100	36 326 000	29 000 000	22 690 100	1a
Russia	90 300 000	91 700 000	60 100 000	83 000 000	76 780 000	2h
Slovakia	4 078 240	3 759 572	3 829 062	3 914 000	3 890 000	1e
Slovenia	4 854 000	4 883 700	4 668 080	4 163 000	4 891 287	1a
Spain	15 499 000	10 775 000	9 604 000	8 462 000	9 750 000	2e
Thailand	17 099 654	18 418 738	21 685 894	23 443 000	20 161 721	1e
Turkey	55 038 339	56 031 099	50 000 000	56 093 384	66 498 602	1a
Ukraine	4 148 000	3 600 000	3 100 000	2 000 000	2 000 000	2h
United Kingdom	2 000	1 000	0	0	0	2e
United States	79 906 000	78 109 000	80 609 680	79 000 000	50 000 000	1h
Yugoslavia	38 269 304	40 499 075	38 366 335	42 825 124	43 600 000	2h
Total	927 548 473	910 058 119	881 212 701	888 104 644	856 906 980	

Natural Gas

Country	1994 Mio m3	1995 Mio m3	1996 Mio m3	1997 Mio m3	1998 Mio m3	Rem
Abu Dhabi (UAE)	19 000	17 500	16 000	16 000	16 500	2n
Afghanistan	1 200	1 415	1 500	1 000	1 000	2n
Albania	52	28	23	18	16	1h
Algeria	58 000	59 000	60 600	64 000	65 000	2i
Angola	580	600	500	450	400	2n
Argentina	20 000	20 000	27 300	29 500	30 000	2i
Australia	28 147	29 718	29 799	30 619	30 681	1e
Austria	1 355	1 482	1 492	1 428	1 568	1e
Azerbaijan	5 571	6 644	6 337	5 964	5 963	1a
Bahrain	9 947	10 054	5 880	5 800	5 700	2n
Bangladesh	7 004	7 000	7 875	9 000	9 000	2i
Barbados	28	29	29	23	26	2n
Belorussia	270	280	249	245	252	1a
Bolivia	3 160	3 155	3 220	5 321	6 234	1a
Brazil	7 508	8 115	9 182	9 847	10 833	1h
Brunei	8 400	11 150	12 000	9 400	9 400	2i
Bulgaria	50	43	42	38	13	1a
Canada	143 000	148 203	152 985	156 842	161 000	2e
Chile	4 240	3 783	3 632	3 211	3 218	1a
China	16 600	18 000	19 000	24 000	23 000	1h
Colombia	4 500	4 500	4 800	5 800	6 000	2n
Croatia	1 800	1 966	1 957	1 717	1 573	1a
Cuba	20	17	19	37	40	2n
Czech Republic	154	165	251	229	240	1a
Denmark	4 300	6 321	5 710	7 000	6 630	1a
Dubai (UAE)	4 100	3 000	2 500	2 500	2 400	2n
Ecuador	3 000	3 000	3 200	3 500	3 000	2n
Egypt	12 000	12 500	12 800	14 000	14 200	2i
France	3 500	3 300	2 800	2 700	1 800	1h
Gabon	76	76	80	85	83	2n
Georgia	15	10	6	6	0	1h
Germany, Federal Rep.	20 442	21 452	23 059	21 122	20 420	1e
Greece	0	0	38	38	33	1e
Guatemala	8	7	6	6	5	2n
Hungary	5 345	5 183	4 756	4 513	3 958	1a
India	14 644	16 922	18 215	20 500	19 522	1a
Indonesia	75 433	84 660	92 300	90 294	84 370	1a
Iran	31 750	23 200	24 800	48 100	50 000	1a
Iraq	3 000	3 000	3 500	3 500	4 000	2n
Ireland	2 710	3 700	2 740	2 410	1 790	1a
Israel	22	25	16	15	12	1e
Italy	20 341	20 383	20 218	19 123	19 164	1a
Japan	2 270	2 209	2 230	2 279	2 300	1a
Jordan	350	350	235	291	300	2n
Kazakhstan	5 310	4 333	3 352	4 000	4 000	2n
Kuwait	5 000	10 868	10 892	12 000	12 000	2i
Kyrgystan	37	35	35	20	20	1h
Libya	6 904	6 849	6 950	8 000	8 000	2i
Malaysia	31 025	35 600	32 400	39 751	39 865	1e
Mexico	26 000	26 000	29 900	33 000	36 500	2i
Morocco	25	30	25	25	26	2n

Myanmar	1 019	1 447	1 800	1 800	1 700	2n
Netherlands	84 000	78 300	95 432	81 800	79 200	2i
New Zealand	5 000	4 462	5 364	5 500	5 600	2n
Nigeria	5 537	5 427	5 500	5 000	5 000	2i
Norway	30 000	31 100	41 100	45 600	47 100	2i
Oman	7 000	5 120	7 260	8 000	7 500	2n
Pakistan	17 676	23 200	19 760	19 759	15 090	1a
Papua New Guinea	100	107	110	100	100	2n
Peru	1 000	1 428	1 150	1 100	1 000	2n
Poland	4 319	4 718	4 608	4 500	4 835	1h
Qatar	14 000	11 659	10 600	13 700	13 700	2i
Romania	22 000	19 026	18 165	18 000	13 700	1a
Russia	565 420	595 400	587 657	571 000	591 015	2h
Saudi Arabia	37 995	40 661	43 910	43 000	43 000	2i
Senegal	0	0	50	60	65	2n
Sharjah (UAE)	6 000	4 000	4 500	4 500	4 700	2i
Slovakia	200	345	317	289	311	1e
Slovenia	13	18	13	15	8	1a
Spain	200	415	466	178	112	2e
Switzerland	1	0	0	0	0	1a
Syria	2 301	2 902	2 930	3 000	3 100	2n
Taiwan	866	889	874	849	870	1e
Tajikistan	37	30	43	40	36	2n
Thailand	10 726	10 400	10 500	13 000	17 614	1e
Trinidad and Tobago	6 500	7 762	8 100	8 000	9 581	1e
Tunisia	159	121	794	1 653	1 899	1e
Turkey	199	182	204	450	562	1a
Turkmenistan	35 000	30 000	35 200	17 300	14 000	1h
Ukraine	19 221	20 000	18 400	18 100	17 920	2h
United Kingdom	46 534	76 000	89 200	92 000	93 800	2i
United States	670 518	679 834	537 200	537 700	534 400	2i
Uzbekistan	37 260	47 000	49 000	51 200	54 790	1e
Venezuela	25 000	25 000	30 200	28 000	28 500	2i
Viet Nam	0	0	0	0	1 510	1a
Yugoslavia	824	906	671	688	715	2h
Total	2 274 818	2 373 719	2 298 513	2 315 148	2 335 088	

Oil

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Abu Dhabi (UAE)	95 400 000	97 797 188	89 478 400	89 313 300	90 469 995	2i
Albania	535 345	520 866	488 214	359 700	309 000	1h
Algeria	55 900 000	56 600 000	38 100 000	39 500 000	38 100 000	2i
Angola	26 100 000	32 338 270	36 510 950	37 000 000	37 500 000	2i
Argentina	33 800 000	37 345 486	40 000 000	44 600 000	45 700 000	2i
Australia	31 247 200	29 383 000	31 579 000	33 947 000	27 898 000	1e
Austria	1 145 322	1 076 987	1 024 843	1 011 063	1 014 520	1e
Azerbaijan	8 881 240	9 161 300	9 069 687	9 027 000	9 071 400	1a
Bahrain	2 200 000	1 971 295	1 900 000	1 800 000	1 966 375	2i
Bangladesh	52 000	52 000	68 000	69 000	65 000	2n
Barbados	61 666	62 000	62 000	53 140	60 000	2n
Belorussia	2 000 000	2 000 000	1 860 000	1 822 000	1 630 000	1a

Benin	156 478	160 000	155 000	150 000	140 000	2n
Bolivia	1 200 000	1 616 914	1 720 690	1 902 536	2 631 487	1a
Brazil	40 182 000	40 880 000	51 600 000	56 000 000	56 596 000	1h
Brunei	8 866 945	8 731 541	9 400 000	9 900 000	9 800 000	2i
Bulgaria	36 000	27 346	33 900	27 750	29 103	1a
Cameroon	5 998 228	4 329 156	4 300 000	4 100 000	4 000 000	2n
Canada	104 600 000	114 372 000	116 832 000	122 463 700	128 769 000	2e
Chile	714 088	605 100	532 700	489 043	468 693	1a
China	146 000 000	149 000 000	156 000 000	162 000 000	162 600 000	1h
Colombia	23 735 118	31 587 188	32 596 919	34 700 000	38 654 660	1e
Congo	9 500 000	8 971 262	10 536 017	11 000 000	12 000 000	2n
Croatia	1 800 000	1 500 271	1 600 000	1 496 000	1 389 408	1a
Cuba	1 200 000	1 470 800	1 475 900	1 461 500	1 747 310	1h
Czech Republic	131 000	149 000	152 800	159 000	180 000	1a
Denmark	10 730 000	10 788 432	10 290 000	13 400 000	13 830 000	1a
Dubai (UAE)	19 600 000	16 169 135	18 383 800	18 350 000	18 587 625	2i
Ecuador	19 000 000	20 081 023	20 100 000	19 300 000	19 300 000	2i
Egypt	44 800 000	47 672 869	46 900 000	46 400 000	43 900 000	2i
Equatorial Guinea	210 000	210 000	208 000	205 000	203 000	2n
France	3 132 000	2 830 000	2 107 000	1 780 000	1 700 000	1h
Gabon	17 473 098	18 777 060	18 600 000	18 600 000	17 600 000	2i
Georgia	90 000	85 000	128 000	143 000	100 000	1h
Germany, Federal Rep.	2 946 290	2 958 794	2 848 341	2 820 780	2 884 110	1e
Greece	557 310	469 397	534 222	436 000	293 000	1e
Guatemala	700 000	487 948	761 039	800 000	850 000	2n
Hungary	1 651 000	1 658 600	1 477 000	1 355 400	1 241 400	1a
India	32 203 000	37 400 000	31 480 000	37 300 000	32 893 000	1a
Indonesia	78 690 714	78 137 720	79 155 168	78 497 110	76 518 810	1a
Iran	181 500 000	173 000 000	184 000 000	191 000 000	193 000 000	1a
Iraq	36 515 950	31 555 893	29 600 000	56 300 000	108 200 000	2i
Israel	5 291	9 146	8 768	8 500	5 829	1e
Italy	4 928 898	5 207 980	5 429 849	5 892 055	5 600 287	1a
Japan	789 000	861 000	837 162	842 000	792 000	1a
Jordan	1 600	1 600	1 700	2 097	2 100	2n
Kazakhstan	24 000 000	19 968 000	21 466 000	25 800 000	25 900 000	2h
Kuwait	104 838 585	104 663 104	104 609 088	106 500 000	91 900 000	2i
Kyrgyzstan	130 000	130 000	130 000	120 000	100 000	1h
Libya	66 600 000	68 600 000	78 573 253	68 000 000	66 900 000	2i
Lithuania	78 500	115 000	161 200	213 000	275 000	1a
Malaysia	34 080 364	36 656 429	34 100 000	35 500 000	37 872 287	1e
Mexico	156 800 000	152 700 000	162 500 000	169 300 000	169 300 000	2i
Morocco	8 000	2 900	2 000	2 933	3 000	2n
Myanmar	743 080	814 530	550 000	600 000	580 000	2n
Netherlands	4 321 000	3 210 000	3 000 000	2 750 000	2 700 000	2i
New Zealand	1 900 000	1 502 165	1 500 000	1 600 000	1 550 000	2n
Nigeria	104 317 000	100 405 113	111 300 000	119 527 523	104 500 000	2i
Norway	126 000 000	133 004 175	158 400 000	160 800 000	158 900 000	2i
Oman	42 509 178	44 744 966	46 156 700	44 900 000	44 500 000	2i
Pakistan	2 954 397	2 715 100	3 035 196	3 039 550	2 543 174	1a
Papua New Guinea	5 716 000	5 001 500	5 430 200	5 500 000	5 600 000	2n
Peru	6 573 400	6 358 122	6 287 600	6 400 000	5 400 000	2i
Philippines	238 643	157 190	100 000	90 000	80 000	2n
Poland	197 000	176 000	317 000	181 030	352 000	1h
Qatar	21 600 000	24 305 861	24 900 000	25 100 000	30 400 000	2i
Ras Al-Khaimah (UAE)	50 000	24 000	46 700	46 800	47 414	2i

Romania	6 700 000	6 700 033	6 610 000	6 700 000	6 600 000	2i
Russia	316 000 000	325 990 625	301 000 000	346 576 400	343 396 800	2h
Saudi Arabia	402 800 000	402 800 000	400 900 000	415 900 000	404 100 000	2i
Sharjah (UAE)	417 268	240 000	391 100	395 400	395 590	2i
Slovakia	67 078	74 300	71 314	64 480	46 000	1e
Slovenia	1 716	1 858	1 405	1 900	854	1a
Spain	806 000	652 000	516 000	380 000	535 000	2e
Suriname	328 599	371 540	414 410	420 000	260 793	1h
Sweden	500	0	0	0	0	1a
Syria	28 102 991	31 947 082	31 700 000	29 500 000	29 500 000	2i
Taiwan	62 787	62 000	0	0	0	1e
Tajikistan	38 000	38 000	30 000	28 000	25 000	2n
Thailand	1 309 107	1 165 921	1 064 890	1 364 121	1 523 846	1e
Trinidad and Tobago	6 300 000	6 803 502	7 000 000	6 800 000	6 387 630	1e
Tunisia	4 364 000	4 215 000	4 183 000	3 793 000	3 898 000	1e
Turkey	3 684 648	3 515 689	3 500 193	3 427 814	3 226 873	1a
Turkmenistan	4 100 000	4 000 000	4 400 000	4 700 000	6 500 000	1h
Ukraine	4 248 200	4 500 000	4 100 000	4 100 000	3 895 000	2h
United Kingdom	119 032 000	121 800 000	122 500 000	119 500 000	138 900 000	2i
United States	347 479 927	389 200 000	400 300 000	398 100 000	402 000 000	2i
Uzbekistan	2 500 000	5 000 000	7 600 000	7 891 000	8 103 700	1e
Venezuela	127 700 000	135 400 000	153 900 000	162 300 000	159 300 000	2i
Viet Nam	5 600 000	7 849 854	8 300 000	8 500 000	12 500 000	1a
Yemen, Republic of	17 400 000	19 220 407	18 000 000	18 500 000	19 500 000	2i
Yugoslavia	1 078 000	1 066 000	1 030 000	979 000	920 000	2h
Zaire	1 300 000	1 200 000	1 200 000	1 000 000	900 000	2n
Total	3 162 042 749	3 259 138 533	3 331 204 318	3 474 675 625	3 512 109 073	

Oil Shale

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Austria	330	498	500	520	432	1e
Estonia	14 500 000	13 500 000	14 000 000	14 382 723	12 464 000	1a
France	50 000	32 300	28 500	22 000	20 000	2n
Germany, Federal Rep.	338 740	347 681	293 758	354 262	330 886	1a
Italy	9 014	9 320	22 000	20 000	22 471	1a
Russia	7 000 000	2 300 000	2 200 000	2 000 000	2 000 000	2n
Total	21 898 084	16 189 799	16 544 758	16 779 505	14 837 789	

Uranium

Country	1994 metr.t	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	Rem
Argentina	92	68	27	35	35	2h
Australia	2 604	4 378	5 831	5 797	5 780	1e
Brazil	95	103	147	0	0	1h
Canada	9 719	10 238	11 723	11 416	11 773	2e
China	780	780	500	500	500	1h
Czech Republic	633	721	716	140	150	1a
France	1 272	857	841	579	554	1h
Gabon	509	640	565	472	861	1n

Germany, Federal Rep.	47	35	39	23	30	1e
India	290	200	180	200	200	2h
Kazakhstan	1 546	1 388	1 320	1 000	1 474	1h
Mongolia	140	150	181	150	100	2n
Namibia	2 485	2 007	2 886	3 426	3 257	1h
Niger	2 964	2 330	3 919	4 124	4 400	1h
Portugal	28	22	17	17	19	1a
Russia	3 000	2 250	2 400	2 358	2 358	2h
South Africa, Rep. of	1 906	1 699	1 706	1 324	1 138	1e
Spain	363	334	346	350	351	2e
Ukraine	500	500	550	500	500	2h
United States	1 289	2 324	2 400	2 170	2 207	1h
Uzbekistan	3 000	2 358	2 005	2 305	2 276	2h
Total	33 262	33 382	38 299	36 886	37 963	

6.5 *Share of Mineral Production 1998
by Country*

*Anteile der Länder an der
Weltproduktion 1998*

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

Iron

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Brazil	120 060 000	20.67	20.67
2	(2)	Australia	96 997 320	16.70	37.38
3	(3)	China	67 200 000	11.57	48.95
4	(4)	Ukraine	50 700 000	8.73	57.68
5	(5)	India	45 223 000	7.79	65.47
6	(6)	Russia	39 765 000	6.85	72.32
7	(7)	United States	37 926 000	6.53	78.85
8	(8)	Canada	23 774 000	4.09	82.94
9	(9)	South Africa, Rep. of	19 779 000	3.41	86.35
10	(10)	Venezuela	16 214 192	2.79	89.14
11	(12)	Sweden	13 461 760	2.32	91.46
12	(11)	Kazakhstan	8 693 000	1.50	92.95
13	(13)	Mauritania	6 726 200	1.16	94.11
14	(14)	Chile	5 681 224	0.98	95.09
15	(15)	Mexico	5 067 406	0.87	95.96
16	(16)	Iran	4 777 950	0.82	96.79
17	(17)	Turkey	3 943 237	0.68	97.46
18	(18)	DPR Korea	3 500 000	0.60	98.07
19	(19)	Peru	3 282 118	0.57	98.63
20	(21)	Egypt	1 350 639	0.23	98.86
21	(20)	New Zealand	1 276 000	0.22	99.08
22	(22)	Algeria	1 258 200	0.22	99.30
23	(24)	Austria	573 440	0.10	99.40
24	(23)	Spain	520 000	0.09	99.49
25	(25)	Norway	409 200	0.07	99.56
26	(28)	Malaysia	376 090	0.06	99.62
27	(26)	Colombia	315 714	0.05	99.68
28	(29)	Indonesia	308 288	0.05	99.73
29	(30)	Slovakia	262 416	0.05	99.78
30	(27)	Zimbabwe	222 953	0.04	99.82
31	(31)	Bulgaria	185 039	0.03	99.85
32	(37)	Korea, Republic of	133 421	0.02	99.87
33	(32)	Yugoslavia	130 000	0.02	99.89
34	(34)	Tunisia	118 800	0.02	99.91
35	(35)	Romania	113 605	0.02	99.93
36	(36)	Saudi Arabia	100 000	0.02	99.95
37	(39)	Thailand	90 700	0.02	99.97
38	(40)	Germany, Federal Rep.	84 680	0.01	99.98
39	(38)	Nigeria	70 000	0.01	99.99

40	(0)	Azerbaijan	11 000	0.00	99.99
41	(41)	Portugal	8 159	0.00	100.00
42	(46)	Pakistan	6 291	0.00	100.00
43	(42)	Morocco	5 685	0.00	100.00
44	(43)	Albania	5 500	0.00	100.00
45	(44)	Uruguay	2 500	0.00	100.00
46	(45)	Guatemala	2 143	0.00	100.00
47	(47)	Japan	1 720	0.00	100.00
48	(48)	United Kingdom	276	0.00	100.00
Total			580 713 866	100.00	

Chromium

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	2 786 400	48.94	48.94
2	(4)	Kazakhstan	688 000	12.08	61.02
3	(3)	India	613 994	10.78	71.80
4	(2)	Turkey	604 997	10.63	82.43
5	(6)	Zimbabwe	272 432	4.78	87.21
6	(5)	Finland	249 000	4.37	91.59
7	(8)	Iran	146 200	2.57	94.15
8	(7)	Brazil	90 000	1.58	95.74
9	(9)	China	70 000	1.23	96.96
10	(10)	Russia	58 500	1.03	97.99
11	(11)	Madagascar	33 963	0.60	98.59
12	(14)	Cuba	17 000	0.30	98.89
13	(12)	Albania	14 000	0.25	99.13
14	(15)	Sudan	14 000	0.25	99.38
15	(13)	Philippines	12 188	0.21	99.59
16	(17)	Oman	11 902	0.21	99.80
17	(16)	Pakistan	5 180	0.09	99.89
18	(21)	Viet Nam	2 000	0.04	99.93
19	(18)	Greece	1 950	0.03	99.96
20	(19)	Japan	1 500	0.03	99.99
21	(20)	Afghanistan	525	0.01	100.00
22	(22)	Myanmar	120	0.00	100.00
Total			5 693 851	100.00	

Cobalt

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Zambia	8 838	36.46	36.46
2	(2)	Zaire	3 944	16.27	52.73
3	(3)	Russia	3 200	13.20	65.93
4	(5)	Canada	2 324	9.59	75.52
5	(6)	Cuba	2 000	8.25	83.77

6	(4)	Australia	2 000	8.25	92.02
7	(8)	China	600	2.48	94.49
8	(9)	Botswana	352	1.45	95.94
9	(11)	Kazakhstan	300	1.24	97.18
10	(10)	South Africa, Rep. of	296	1.22	98.40
11	(7)	Morocco	287	1.18	99.59
12	(12)	Zimbabwe	100	0.41	100.00
Total			24 241	100.00	

Manganese

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Australia	1 500 000	17.74	17.74
2	(3)	China	1 500 000	17.74	35.48
3	(4)	Ukraine	1 446 900	17.11	52.58
4	(2)	South Africa, Rep. of	1 308 920	15.48	68.06
5	(6)	Brazil	872 000	10.31	78.37
6	(7)	India	583 422	6.90	85.27
7	(5)	Gabon	572 000	6.76	92.04
8	(8)	Mexico	187 103	2.21	94.25
9	(9)	Ghana	153 669	1.82	96.07
10	(10)	Kazakhstan	119 700	1.42	97.48
11	(11)	Iran	64 600	0.76	98.25
12	(13)	Namibia	30 000	0.35	98.60
13	(16)	Indonesia	25 205	0.30	98.90
14	(14)	Romania	20 012	0.24	99.14
15	(17)	Bulgaria	16 679	0.20	99.33
16	(12)	Georgia	16 000	0.19	99.52
17	(15)	Chile	14 345	0.17	99.69
18	(18)	Morocco	12 749	0.15	99.84
19	(19)	Hungary	8 700	0.10	99.95
20	(21)	Greece	1 898	0.02	99.97
21	(22)	Egypt	1 600	0.02	99.99
22	(20)	Italy	924	0.01	100.00
23	(24)	Colombia	120	0.00	100.00
24	(23)	Thailand	52	0.00	100.00
Total			8 456 598	100.00	

Molybdenum

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	53 500	42.10	42.10
2	(2)	China	30 000	23.61	65.71
3	(3)	Chile	16 977	13.36	79.06
4	(4)	Canada	7 563	5.95	85.02
5	(5)	Mexico	5 948	4.68	89.70
6	(7)	Peru	4 344	3.42	93.11

7	(8)	Iran	3 100	2.44	95.55
8	(9)	Mongolia	2 300	1.81	97.36
9	(6)	Russia	2 000	1.57	98.94
10	(10)	Armenia	650	0.51	99.45
11	(11)	Uzbekistan	600	0.47	99.92
12	(12)	Kazakhstan	100	0.08	100.00
Total			127 082	100.00	

Nickel

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Russia	250 000	23.11	23.11
2	(2)	Canada	200 908	18.58	41.69
3	(4)	Australia	144 000	13.31	55.00
4	(3)	New Caledonia	125 300	11.58	66.59
5	(5)	Cuba	67 700	6.26	72.85
6	(6)	Indonesia	54 733	5.06	77.91
7	(7)	China	48 100	4.45	82.36
8	(8)	South Africa, Rep. of	36 700	3.39	85.75
9	(10)	Colombia	28 140	2.60	88.35
10	(11)	Brazil	26 350	2.44	90.79
11	(9)	Dominican Republic	25 200	2.33	93.12
12	(14)	Botswana	19 432	1.80	94.91
13	(12)	Greece	15 000	1.39	96.30
14	(13)	Philippines	12 840	1.19	97.49
15	(15)	Zimbabwe	10 135	0.94	98.42
16	(16)	Macedonia	6 000	0.55	98.98
17	(20)	United States	4 290	0.40	99.38
18	(19)	Norway	2 964	0.27	99.65
19	(17)	Finland	1 789	0.17	99.82
20	(21)	Kazakhstan	1 200	0.11	99.93
21	(18)	Yugoslavia	800	0.07	100.00
Total			1 081 581	100.00	

Tantalum-Columbium

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Brazil	49 470	94.55	94.55
2	(2)	Canada	2 200	4.20	98.75
3	(3)	Australia	300	0.57	99.33
4	(4)	Rwanda	260	0.50	99.82
5	(5)	Ethiopia	50	0.10	99.92
6	(6)	Nigeria	18	0.03	99.95
7	(8)	Bolivia	16	0.03	99.98
8	(7)	Zaire	8	0.02	100.00
Total			52 322	100.00	

Titanium

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Australia	1 538 850	32.71	32.71
2	(2)	South Africa, Rep. of	1 100 000	23.38	56.10
3	(3)	Canada	630 000	13.39	69.49
4	(4)	Norway	261 134	5.55	75.04
5	(5)	Ukraine	250 000	5.31	80.36
6	(6)	India	242 322	5.15	85.51
7	(7)	Sierra Leone	184 790	3.93	89.44
8	(8)	United States	150 000	3.19	92.63
9	(9)	China	110 000	2.34	94.96
10	(10)	Malaysia	65 000	1.38	96.35
11	(11)	Brazil	53 000	1.13	97.47
12	(12)	Viet Nam	44 550	0.95	98.42
13	(13)	Russia	22 000	0.47	98.89
14	(15)	Egypt	20 410	0.43	99.32
15	(14)	Sri Lanka	19 917	0.42	99.74
16	(16)	Kazakhstan	12 000	0.26	100.00
		Total	4 703 973	100.00	

Tungsten

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	24 000	80.58	80.58
2	(2)	Austria	1 813	6.09	86.67
3	(3)	Portugal	1 436	4.82	91.49
4	(4)	Bolivia	627	2.11	93.59
5	(5)	Russia	600	2.01	95.61
6	(6)	DPR Korea	400	1.34	96.95
7	(7)	Uzbekistan	250	0.84	97.79
8	(9)	Kazakhstan	200	0.67	98.46
9	(10)	Mexico	130	0.44	98.90
10	(11)	United States	100	0.34	99.23
11	(8)	Peru	76	0.26	99.49
12	(12)	Rwanda	75	0.25	99.74
13	(13)	Thailand	61	0.20	99.95
14	(17)	Myanmar	9	0.03	99.98
15	(16)	Uganda	7	0.02	100.00
		Total	29 784	100.00	

Vanadium

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	17 159	46.81	46.81
2	(2)	Russia	9 000	24.55	71.36
3	(3)	China	7 500	20.46	91.82
4	(4)	United States	2 000	5.46	97.27
5	(5)	Kazakhstan	1 000	2.73	100.00
		Total	36 659	100.00	

6.5.2

Non-Ferrous Metals

Nichteisenmetalle

Aluminium

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	3 712 690	17.17	17.17
2	(2)	Russia	2 465 000	11.40	28.57
3	(4)	China	2 435 300	11.26	39.83
4	(3)	Canada	2 374 100	10.98	50.81
5	(5)	Australia	1 626 000	7.52	58.33
6	(6)	Brazil	1 210 000	5.60	63.93
7	(7)	Norway	995 500	4.60	68.53
8	(8)	South Africa, Rep. of	692 500	3.20	71.73
9	(10)	Germany, Federal Rep.	612 380	2.83	74.56
10	(9)	Venezuela	584 300	2.70	77.27
11	(11)	India	543 451	2.51	79.78
12	(12)	Bahrain	460 000	2.13	81.91
13	(13)	France	423 600	1.96	83.87
14	(14)	Spain	360 400	1.67	85.53
15	(15)	New Zealand	317 500	1.47	87.00
16	(18)	Netherlands	263 700	1.22	88.22
17	(17)	United Kingdom	258 400	1.19	89.42
18	(16)	Dubai (UAE)	250 000	1.16	90.57
19	(19)	Tajikistan	195 600	0.90	91.48
20	(22)	Egypt	187 200	0.87	92.34
21	(20)	Italy	187 000	0.86	93.21
22	(21)	Argentina	186 700	0.86	94.07
23	(25)	Iceland	172 860	0.80	94.87
24	(24)	Greece	156 902	0.73	95.59
25	(27)	Iran	117 000	0.54	96.14
26	(26)	Slovakia	108 006	0.50	96.64
27	(28)	Ukraine	106 700	0.49	97.13
28	(29)	Sweden	95 700	0.44	97.57
29	(30)	Cameroon	82 000	0.38	97.95
30	(31)	Yugoslavia	78 000	0.36	98.31
31	(32)	Slovenia	73 803	0.34	98.65
32	(33)	Turkey	61 800	0.29	98.94
33	(23)	Ghana	56 100	0.26	99.20
34	(34)	Poland	52 500	0.24	99.44
35	(35)	Hungary	40 700	0.19	99.63
36	(36)	Switzerland	32 100	0.15	99.78
37	(37)	Suriname	27 100	0.13	99.90
38	(38)	Japan	16 302	0.08	99.98
39	(39)	Azerbaijan	4 757	0.02	100.00
		Total	21 623 651	100.00	

Antimony

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	80 000	78.97	78.97
2	(3)	Bolivia	4 735	4.67	83.64
3	(4)	South Africa, Rep. of	4 243	4.19	87.83
4	(2)	Russia	4 000	3.95	91.78
5	(7)	Australia	1 800	1.78	93.55
6	(6)	Mexico	1 301	1.28	94.84
7	(5)	Kyrgystan	1 298	1.28	96.12
8	(11)	Tajikistan	995	0.98	97.10
9	(8)	Guatemala	750	0.74	97.84
10	(9)	Turkey	585	0.58	98.42
11	(10)	Canada	554	0.55	98.97
12	(14)	Thailand	442	0.44	99.40
13	(12)	Peru	364	0.36	99.76
14	(13)	United States	242	0.24	100.00
		Total	101 309	100.00	

Arsenic

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	17 000	46.88	46.88
2	(2)	Chile	11 355	31.31	78.20
3	(3)	Mexico	2 573	7.10	85.29
4	(6)	Kazakhstan	1 300	3.59	88.88
5	(5)	Russia	1 200	3.31	92.19
6	(4)	Philippines	1 000	2.76	94.94
7	(8)	Peru	624	1.72	96.67
8	(9)	Japan	400	1.10	97.77
9	(11)	Iran	350	0.97	98.73
10	(10)	Bolivia	284	0.78	99.52
11	(7)	Namibia	175	0.48	100.00
		Total	36 261	100.00	

Bauxite

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Australia	44 553 000	35.59	35.59
2	(2)	Guinea	17 000 000	13.58	49.17
3	(4)	Brazil	13 500 000	10.78	59.95
4	(3)	Jamaica	12 600 000	10.06	70.02
5	(5)	China	8 500 000	6.79	76.81
6	(6)	India	6 451 901	5.15	81.96
7	(7)	Venezuela	4 825 647	3.85	85.81

8	(8)	Suriname	3 890 000	3.11	88.92
9	(9)	Russia	3 450 000	2.76	91.68
10	(10)	Kazakhstan	3 437 000	2.75	94.42
11	(11)	Guyana	2 267 000	1.81	96.23
12	(12)	Greece	1 714 023	1.37	97.60
13	(13)	Indonesia	1 055 647	0.84	98.45
14	(16)	Hungary	460 600	0.37	98.81
15	(14)	Ghana	341 121	0.27	99.09
16	(18)	Turkey	261 076	0.21	99.29
17	(19)	Iran	260 000	0.21	99.50
18	(15)	Yugoslavia	226 000	0.18	99.68
19	(17)	Malaysia	160 271	0.13	99.81
20	(20)	Romania	135 200	0.11	99.92
21	(21)	France	80 000	0.06	99.98
22	(22)	Mozambique	6 000	0.00	99.99
23	(25)	Pakistan	5 000	0.00	99.99
24	(23)	Croatia	5 000	0.00	100.00
25	(24)	Albania	4 000	0.00	100.00
26	(26)	Colombia	1 000	0.00	100.00
27	(0)	Germany, Federal Rep.	270	0.00	100.00
Total			125 189 756	100.00	

Bismuth

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Mexico	1 204	34.38	34.38
2	(2)	Peru	868	24.79	59.17
3	(3)	China	650	18.56	77.73
4	(4)	Japan	470	13.42	91.15
5	(5)	Canada	217	6.20	97.34
6	(8)	Kazakhstan	50	1.43	98.77
7	(7)	Russia	35	1.00	99.77
8	(9)	Tajikistan	5	0.14	99.91
9	(10)	Uzbekistan	3	0.09	100.00
Total			3 502	100.00	

Cadmium

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(2)	Japan	2 342	13.64	13.64
2	(5)	United States	2 100	12.23	25.87
3	(3)	China	1 982	11.54	37.41
4	(4)	Mexico	1 739	10.13	47.53
5	(9)	Kazakhstan	1 463	8.52	56.05
6	(1)	Canada	1 323	7.70	63.76
7	(7)	Korea, Republic of	930	5.42	69.17

8	(8)	Russia	800	4.66	73.83
9	(10)	Australia	585	3.41	77.24
10	(11)	Peru	535	3.12	80.35
11	(12)	Finland	520	3.03	83.38
12	(13)	United Kingdom	440	2.56	85.94
13	(17)	Italy	382	2.22	88.17
14	(16)	Norway	270	1.57	89.74
15	(18)	Bulgaria	264	1.54	91.28
16	(15)	India	231	1.35	92.62
17	(6)	France	223	1.30	93.92
18	(19)	Poland	218	1.27	95.19
19	(20)	DPR Korea	204	1.19	96.38
20	(14)	Spain	196	1.14	97.52
21	(21)	Brazil	162	0.94	98.46
22	(23)	Yugoslavia	80	0.47	98.93
23	(22)	Turkey	69	0.40	99.33
24	(24)	Algeria	50	0.29	99.62
25	(26)	Honduras	35	0.20	99.83
26	(25)	Argentina	30	0.17	100.00
		Total	17 173	100.00	

Copper

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Chile	3 763 994	30.32	30.32
2	(2)	United States	1 959 367	15.79	46.11
3	(4)	Indonesia	924 000	7.44	53.55
4	(3)	Canada	688 576	5.55	59.10
5	(5)	Australia	678 000	5.46	64.56
6	(6)	Russia	515 000	4.15	68.71
7	(7)	Peru	483 338	3.89	72.60
8	(8)	Poland	479 000	3.86	76.46
9	(9)	China	476 000	3.83	80.30
10	(10)	Mexico	344 766	2.78	83.08
11	(11)	Kazakhstan	337 600	2.72	85.80
12	(12)	Zambia	230 826	1.86	87.66
13	(28)	Argentina	170 273	1.37	89.03
14	(13)	South Africa, Rep. of	166 000	1.34	90.36
15	(15)	Papua New Guinea	152 200	1.23	91.59
16	(14)	Mongolia	127 800	1.03	92.62
17	(18)	Portugal	114 515	0.92	93.54
18	(16)	Iran	111 000	0.89	94.44
19	(17)	Bulgaria	87 500	0.70	95.14
20	(20)	Yugoslavia	75 400	0.61	95.75
21	(19)	Sweden	73 685	0.59	96.34
22	(21)	Uzbekistan	70 000	0.56	96.91
23	(25)	Turkey	50 814	0.41	97.32
24	(22)	Philippines	45 381	0.37	97.68
25	(23)	India	42 249	0.34	98.02
26	(26)	Spain	37 185	0.30	98.32
27	(27)	Zaire	35 000	0.28	98.60
28	(24)	Brazil	33 500	0.27	98.87

29	(31)	Botswana	15 593	0.13	99.00
30	(30)	Malaysia	14 596	0.12	99.12
31	(32)	Romania	14 378	0.12	99.23
32	(49)	Albania	14 000	0.11	99.35
33	(34)	DPR Korea	12 000	0.10	99.44
34	(33)	Morocco	9 373	0.08	99.52
35	(35)	Finland	9 217	0.07	99.59
36	(38)	Armenia	9 158	0.07	99.67
37	(36)	Macedonia	9 100	0.07	99.74
38	(29)	Namibia	8 014	0.06	99.80
39	(41)	Georgia	5 000	0.04	99.84
40	(42)	Cyprus	5 000	0.04	99.88
41	(37)	Zimbabwe	2 941	0.02	99.91
42	(39)	Norway	2 700	0.02	99.93
43	(43)	Colombia	2 693	0.02	99.95
44	(47)	Japan	1 070	0.01	99.96
45	(44)	Cuba	1 000	0.01	99.97
46	(45)	Oman	993	0.01	99.98
47	(48)	Honduras	800	0.01	99.98
48	(50)	Saudi Arabia	782	0.01	99.99
49	(46)	Afghanistan	680	0.01	99.99
50	(51)	Slovakia	670	0.01	100.00
51	(53)	Bolivia	84	0.00	100.00
Total			12 412 811	100.00	

Gallium

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	6	46.15	46.15
2	(3)	Japan	4	30.77	76.92
3	(2)	Hungary	3	23.08	100.00
Total			13	100.00	

Germanium

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	22	56.41	56.41
2	(2)	China	10	25.64	82.05
3	(3)	Russia	7	17.95	100.00
Total			39	100.00	

Lead

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	711 900	22.79	22.79
2	(2)	Australia	618 000	19.79	42.58
3	(3)	United States	481 000	15.40	57.98
4	(4)	Peru	257 713	8.25	66.23
5	(5)	Mexico	171 610	5.49	71.73
6	(6)	Canada	151 708	4.86	76.58
7	(7)	Sweden	114 430	3.66	80.25
8	(8)	South Africa, Rep. of	84 100	2.69	82.94
9	(10)	Morocco	71 326	2.28	85.22
10	(9)	Poland	64 300	2.06	87.28
11	(16)	India	37 222	1.19	88.47
12	(11)	Ireland	35 900	1.15	89.62
13	(12)	Bulgaria	34 595	1.11	90.73
14	(13)	Kazakhstan	30 100	0.96	91.69
15	(14)	Macedonia	30 000	0.96	92.65
16	(23)	Greece	26 100	0.84	93.49
17	(15)	DPR Korea	25 000	0.80	94.29
18	(24)	Yugoslavia	19 100	0.61	94.90
19	(17)	Spain	19 000	0.61	95.51
20	(18)	Russia	19 000	0.61	96.12
21	(25)	Argentina	15 004	0.48	96.60
22	(19)	Bolivia	13 848	0.44	97.04
23	(22)	Namibia	12 800	0.41	97.45
24	(21)	Iran	10 920	0.35	97.80
25	(26)	Turkey	10 800	0.35	98.15
26	(20)	Italy	10 102	0.32	98.47
27	(27)	Brazil	7 600	0.24	98.71
28	(34)	Tunisia	7 000	0.22	98.94
29	(28)	Romania	6 540	0.21	99.15
30	(31)	Thailand	6 445	0.21	99.35
31	(30)	Japan	6 198	0.20	99.55
32	(29)	Honduras	4 300	0.14	99.69
33	(32)	Korea, Republic of	3 558	0.11	99.80
34	(36)	United Kingdom	1 600	0.05	99.86
35	(40)	Myanmar	1 255	0.04	99.90
36	(35)	Uzbekistan	900	0.03	99.92
37	(39)	Tajikistan	800	0.03	99.95
38	(37)	Algeria	700	0.02	99.97
39	(42)	Colombia	514	0.02	99.99
40	(38)	Chile	337	0.01	100.00
		Total	3 123 325	100.00	

Lithium

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Chile	11 473	47.47	47.47
2	(2)	Australia	7 000	28.96	76.43
3	(3)	United States	2 500	10.34	86.78
4	(5)	Russia	750	3.10	89.88
5	(6)	China	730	3.02	92.90
6	(4)	Zimbabwe	701	2.90	95.80
7	(7)	Canada	700	2.90	98.70
8	(8)	Portugal	200	0.83	99.52
9	(9)	Namibia	90	0.37	99.90
10	(10)	Brazil	25	0.10	100.00
		Total	24 169	100.00	

Mercury

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(4)	Spain	672	27.04	27.04
2	(2)	Kyrgystan	629	25.31	52.35
3	(1)	China	600	24.14	76.50
4	(3)	Algeria	414	16.66	93.16
5	(5)	Finland	54	2.17	95.33
6	(8)	Russia	50	2.01	97.34
7	(7)	Ukraine	40	1.61	98.95
8	(9)	Mexico	15	0.60	99.56
9	(6)	Tajikistan	11	0.44	100.00
		Total	2 485	100.00	

Rare Earths Concentrates

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	50 000	76.92	76.92
2	(2)	United States	10 000	15.38	92.30
3	(3)	India	2 500	3.85	96.15
4	(4)	Australia	800	1.23	97.38
5	(5)	DPR Korea	700	1.08	98.46
6	(6)	Malaysia	500	0.77	99.23
7	(7)	Brazil	400	0.62	99.84
8	(8)	Sri Lanka	100	0.15	100.00
9	(9)	Zaire	3	0.00	100.00
		Total	65 003	100.00	

Tellurium

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	90	42.86	42.86
2	(2)	Canada	57	27.14	70.00
3	(3)	Japan	38	18.10	88.10
4	(4)	Peru	22	10.48	98.57
5	(5)	Mongolia	3	1.43	100.00
		Total	210	100.00	

Tin

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	79 500	36.86	36.86
2	(2)	Indonesia	53 959	25.02	61.88
3	(3)	Peru	25 747	11.94	73.82
4	(4)	Brazil	14 607	6.77	80.59
5	(5)	Bolivia	11 308	5.24	85.84
6	(6)	Australia	10 204	4.73	90.57
7	(8)	Malaysia	5 754	2.67	93.24
8	(7)	Russia	4 500	2.09	95.32
9	(10)	Portugal	2 958	1.37	96.69
10	(9)	Viet Nam	2 770	1.28	97.98
11	(13)	Thailand	2 028	0.94	98.92
12	(11)	Nigeria	1 400	0.65	99.57
13	(12)	United Kingdom	400	0.19	99.75
14	(15)	Laos	226	0.10	99.86
15	(0)	Rwanda	140	0.06	99.92
16	(14)	Myanmar	92	0.04	99.97
17	(18)	India	36	0.02	99.98
18	(17)	Niger	26	0.01	99.99
19	(21)	Spain	5	0.00	100.00
20	(19)	Mexico	5	0.00	100.00
21	(22)	Uganda	1	0.00	100.00
		Total	215 666	100.00	

Zinc

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	1 209 800	16.02	16.02
2	(3)	Canada	1 064 500	14.09	30.11
3	(2)	Australia	1 059 000	14.02	44.13
4	(4)	Peru	868 757	11.50	55.64
5	(5)	United States	755 000	10.00	65.63
6	(6)	Mexico	371 898	4.92	70.56
7	(7)	Kazakhstan	224 300	2.97	73.53
8	(14)	India	193 129	2.56	76.08
9	(8)	Ireland	177 200	2.35	78.43
10	(9)	Poland	176 000	2.33	80.76
11	(10)	Sweden	164 711	2.18	82.94
12	(11)	Bolivia	152 110	2.01	84.96
13	(12)	Brazil	140 000	1.85	86.81
14	(13)	Spain	128 000	1.69	88.50
15	(15)	Russia	115 000	1.52	90.03
16	(16)	Morocco	108 006	1.43	91.46
17	(19)	South Africa, Rep. of	69 600	0.92	92.38
18	(17)	Iran	69 000	0.91	93.29
19	(18)	Japan	67 670	0.90	94.19
20	(20)	DPR Korea	48 000	0.64	94.82
21	(24)	Turkey	45 795	0.61	95.43
22	(21)	Honduras	40 408	0.54	95.97
23	(30)	Thailand	39 024	0.52	96.48
24	(23)	Argentina	35 560	0.47	96.95
25	(35)	Tunisia	33 630	0.45	97.40
26	(22)	Finland	32 879	0.44	97.83
27	(33)	Greece	32 600	0.43	98.26
28	(27)	Romania	25 052	0.33	98.60
29	(29)	Namibia	20 298	0.27	98.87
30	(25)	Bulgaria	16 000	0.21	99.08
31	(31)	Chile	15 943	0.21	99.29
32	(28)	Yugoslavia	15 000	0.20	99.49
33	(26)	Macedonia	14 100	0.19	99.67
34	(34)	Korea, Republic of	10 489	0.14	99.81
35	(32)	Italy	4 472	0.06	99.87
36	(37)	Algeria	3 200	0.04	99.91
37	(36)	Norway	1 800	0.02	99.94
38	(40)	Zaire	1 234	0.02	99.95
39	(38)	Uzbekistan	1 100	0.01	99.97
40	(39)	Georgia	1 000	0.01	99.98
41	(43)	Myanmar	500	0.01	99.99
42	(42)	Armenia	500	0.01	100.00
43	(41)	Saudi Arabia	355	0.00	100.00
		Total	7 552 620	100.00	

6.5.3

Precious Metals

Edelmetalle

Gold

Rank 98	Rank 97	Country	Production 1998 kg	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	464 200	19.08	19.08
2	(2)	United States	366 000	15.04	34.12
3	(3)	Australia	309 000	12.70	46.82
4	(4)	Canada	166 089	6.83	53.64
5	(5)	China	161 000	6.62	60.26
6	(7)	Indonesia	118 722	4.88	65.14
7	(6)	Russia	104 000	4.27	69.41
8	(8)	Peru	94 214	3.87	73.28
9	(9)	Uzbekistan	81 000	3.33	76.61
10	(11)	Ghana	74 315	3.05	79.67
11	(13)	Papua New Guinea	59 712	2.45	82.12
12	(10)	Brazil	49 000	2.01	84.13
13	(12)	Chile	44 980	1.85	85.98
14	(14)	Philippines	34 038	1.40	87.38
15	(15)	Mexico	25 982	1.07	88.45
16	(16)	Zimbabwe	25 175	1.03	89.48
17	(20)	Mali	22 000	0.90	90.39
18	(21)	Kyrgystan	21 000	0.86	91.25
19	(42)	Argentina	19 459	0.80	92.05
20	(18)	Colombia	18 811	0.77	92.82
21	(19)	Kazakhstan	18 000	0.74	93.56
22	(22)	Guyana	14 863	0.61	94.17
23	(23)	Bolivia	14 443	0.59	94.77
24	(26)	Guinea	13 000	0.53	95.30
25	(17)	Venezuela	8 808	0.36	95.66
26	(25)	Japan	8 601	0.35	96.02
27	(27)	Uganda	8 150	0.33	96.35
28	(24)	New Zealand	7 700	0.32	96.67
29	(29)	Sudan	6 000	0.25	96.91
30	(28)	Sweden	5 944	0.24	97.16
31	(30)	Saudi Arabia	5 099	0.21	97.37
32	(31)	Finland	4 980	0.20	97.57
33	(34)	France	3 800	0.16	97.73
34	(36)	Ethiopia	3 712	0.15	97.88
35	(35)	DPR Korea	3 500	0.14	98.03
36	(37)	Yugoslavia	3 500	0.14	98.17
37	(33)	Malaysia	3 394	0.14	98.31
38	(47)	Spain	3 295	0.14	98.44
39	(40)	Tajikistan	3 200	0.13	98.58
40	(32)	Fiji	3 158	0.13	98.71
41	(39)	French Guiana	3 100	0.13	98.83
42	(41)	India	2 463	0.10	98.93
43	(45)	Dominican Republic	2 300	0.09	99.03
44	(44)	Nicaragua	2 050	0.08	99.11
45	(46)	Mongolia	2 000	0.08	99.20
46	(43)	Namibia	1 882	0.08	99.27
47	(38)	Ecuador	1 727	0.07	99.34
48	(48)	Mauritania	1 700	0.07	99.41

49	(49)	Burkina Faso	1 500	0.06	99.48
50	(50)	Cote d'Ivoire	1 400	0.06	99.53
51	(52)	Bulgaria	1 213	0.05	99.58
52	(0)	Italy	1 200	0.05	99.63
53	(55)	Iran	822	0.03	99.67
54	(54)	Georgia	800	0.03	99.70
55	(56)	Macedonia	700	0.03	99.73
56	(57)	Senegal	620	0.03	99.75
57	(58)	Oman	579	0.02	99.78
58	(76)	Eritrea	573	0.02	99.80
59	(59)	Romania	490	0.02	99.82
60	(60)	Costa Rica	387	0.02	99.84
61	(64)	Poland	370	0.02	99.85
62	(62)	Sierra Leone	370	0.02	99.87
63	(61)	Slovakia	340	0.01	99.88
64	(66)	Niger	320	0.01	99.89
65	(0)	Cuba	300	0.01	99.91
66	(65)	Tanzania	300	0.01	99.92
67	(53)	Armenia	250	0.01	99.93
68	(68)	Mozambique	230	0.01	99.94
69	(67)	Panama	230	0.01	99.95
70	(51)	Korea, Republic of	200	0.01	99.96
71	(75)	Kenya	174	0.01	99.96
72	(73)	Zambia	145	0.01	99.97
73	(63)	Zaire	134	0.01	99.97
74	(71)	Rwanda	120	0.00	99.98
75	(70)	Myanmar	100	0.00	99.98
76	(69)	Central African Rep.	100	0.00	99.99
77	(72)	Honduras	87	0.00	99.99
78	(74)	Gabon	80	0.00	99.99
79	(0)	Madagascar	33	0.00	100.00
80	(77)	Burundi	30	0.00	100.00
81	(79)	Solomon Islands	25	0.00	100.00
82	(78)	Thailand	25	0.00	100.00
83	(81)	Nigeria	20	0.00	100.00
		Total	2 433 333	100.00	

Platinum

Rank 98	Rank 97	C o u n t r y	Production 1998 kg	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	200 100	80.19	80.19
2	(2)	Russia	17 000	6.81	87.00
3	(3)	Canada	14 522	5.82	92.82
4	(4)	United States	13 810	5.53	98.35
5	(8)	Zimbabwe	2 730	1.09	99.45
6	(5)	Japan	533	0.21	99.66
7	(6)	Australia	430	0.17	99.83
8	(7)	Colombia	411	0.16	100.00
9	(9)	Yugoslavia	3	0.00	100.00
		Total	249 539	100.00	

Silver

Rank 98	Rank 97	C o u n t r y	Production 1998 kg	Share in %	cum. sh.
1	(1)	Mexico	2 868 099	17.66	17.66
2	(3)	United States	2 060 000	12.69	30.35
3	(2)	Peru	2 024 570	12.47	42.82
4	(4)	Australia	1 474 000	9.08	51.90
5	(6)	Chile	1 340 199	8.25	60.15
6	(5)	Canada	1 115 000	6.87	67.02
7	(7)	Poland	1 100 000	6.77	73.79
8	(8)	China	918 000	5.65	79.45
9	(10)	Kazakhstan	535 800	3.30	82.75
10	(11)	Bolivia	403 961	2.49	85.23
11	(9)	Russia	350 000	2.16	87.39
12	(12)	Sweden	299 051	1.84	89.23
13	(13)	Indonesia	279 298	1.72	90.95
14	(14)	Morocco	241 000	1.48	92.44
15	(15)	DPR Korea	200 400	1.23	93.67
16	(16)	South Africa, Rep. of	144 500	0.89	94.56
17	(17)	Japan	94 472	0.58	95.14
18	(18)	Turkey	82 860	0.51	95.65
19	(26)	Greece	64 800	0.40	96.05
20	(19)	Italy	60 000	0.37	96.42
21	(22)	Papua New Guinea	59 295	0.37	96.79
22	(21)	Argentina	56 600	0.35	97.13
23	(23)	India	55 363	0.34	97.48
24	(25)	Honduras	48 197	0.30	97.77
25	(24)	Yugoslavia	34 500	0.21	97.99
26	(27)	Portugal	31 880	0.20	98.18
27	(29)	Finland	29 700	0.18	98.36
28	(32)	Brazil	25 000	0.15	98.52
29	(20)	Spain	25 000	0.15	98.67
30	(31)	Bulgaria	23 700	0.15	98.82
31	(28)	Namibia	23 000	0.14	98.96
32	(30)	New Zealand	22 700	0.14	99.10
33	(35)	Macedonia	20 000	0.12	99.22
34	(33)	Philippines	18 220	0.11	99.34
35	(36)	Romania	18 000	0.11	99.45
36	(34)	Mongolia	18 000	0.11	99.56
37	(37)	Saudi Arabia	13 844	0.09	99.64
38	(38)	Ireland	10 800	0.07	99.71
39	(42)	Zambia	8 239	0.05	99.76
40	(39)	Dominican Republic	7 400	0.05	99.81
41	(40)	Malaysia	7 285	0.04	99.85
42	(43)	Zimbabwe	6 881	0.04	99.89
43	(45)	Colombia	5 218	0.03	99.92
44	(44)	Norway	2 000	0.01	99.94
45	(46)	Fiji	1 787	0.01	99.95
46	(50)	Iran	1 720	0.01	99.96
47	(48)	Algeria	1 500	0.01	99.97
48	(52)	Nicaragua	1 300	0.01	99.98
49	(47)	France	1 000	0.01	99.98

50	(53)	Ghana	600	0.00	99.99
51	(41)	Myanmar	593	0.00	99.99
52	(55)	Slovakia	436	0.00	99.99
53	(49)	Tunisia	400	0.00	99.99
54	(54)	Panama	350	0.00	100.00
55	(56)	Korea, Republic of	301	0.00	100.00
56	(57)	Oman	286	0.00	100.00
57	(58)	Solomon Islands	3	0.00	100.00
		Total	16 237 108	100.00	

6.5.4

Industrial Minerals

Industrieminerale, Steine und Erden

Asbestos

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Russia	650 000	34.89	34.89
2	(2)	Canada	309 000	16.59	51.48
3	(3)	China	250 000	13.42	64.90
4	(4)	Brazil	198 300	10.64	75.54
5	(6)	Kazakhstan	125 000	6.71	82.25
6	(5)	Zimbabwe	123 295	6.62	88.87
7	(8)	Iran	75 000	4.03	92.89
8	(7)	Greece	35 068	1.88	94.78
9	(10)	Swaziland	27 700	1.49	96.26
10	(9)	South Africa, Rep. of	27 200	1.46	97.72
11	(11)	India	19 109	1.03	98.75
12	(12)	Colombia	14 000	0.75	99.50
13	(13)	United States	5 760	0.31	99.81
14	(14)	Egypt	2 000	0.11	99.92
15	(16)	Yugoslavia	750	0.04	99.96
16	(15)	Bulgaria	672	0.04	99.99
17	(17)	Pakistan	130	0.01	100.00
		Total	1 862 984	100.00	

Baryte

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	3 200 000	46.49	46.49
2	(2)	United States	660 000	9.59	56.07
3	(3)	India	659 318	9.58	65.65
4	(4)	Morocco	353 438	5.13	70.79
5	(5)	Kazakhstan	300 000	4.36	75.14
6	(7)	Iran	180 000	2.61	77.76
7	(6)	Mexico	161 555	2.35	80.11
8	(8)	Turkey	160 042	2.32	82.43
9	(9)	Germany, Federal Rep.	123 272	1.79	84.22
10	(11)	Bulgaria	120 000	1.74	85.96
11	(17)	DPR Korea	100 000	1.45	87.42
12	(21)	Thailand	96 421	1.40	88.82
13	(12)	Spain	83 000	1.21	90.02
14	(10)	Canada	80 000	1.16	91.19
15	(13)	France	75 000	1.09	92.28
16	(14)	United Kingdom	68 000	0.99	93.26
17	(16)	Peru	63 000	0.92	94.18
18	(15)	Russia	60 000	0.87	95.05
19	(18)	Brazil	52 000	0.76	95.81

20	(20)	Algeria	45 000	0.65	96.46
21	(19)	Belgium	42 000	0.61	97.07
22	(22)	Italy	31 791	0.46	97.53
23	(24)	Poland	25 000	0.36	97.89
24	(23)	Pakistan	24 472	0.36	98.25
25	(26)	Malaysia	17 000	0.25	98.50
26	(25)	Slovakia	15 300	0.22	98.72
27	(27)	Myanmar	14 295	0.21	98.93
28	(31)	Australia	13 000	0.19	99.12
29	(30)	Nigeria	12 000	0.17	99.29
30	(28)	Argentina	10 000	0.15	99.44
31	(29)	Tunisia	9 000	0.13	99.57
32	(32)	Romania	6 644	0.10	99.66
33	(33)	Saudi Arabia	5 479	0.08	99.74
34	(34)	Afghanistan	3 700	0.05	99.80
35	(36)	Guatemala	3 500	0.05	99.85
36	(35)	Bolivia	2 500	0.04	99.88
37	(40)	Zimbabwe	1 844	0.03	99.91
38	(39)	Ecuador	1 700	0.02	99.93
39	(41)	Colombia	1 500	0.02	99.96
40	(37)	Chile	1 430	0.02	99.98
41	(42)	Greece	643	0.01	99.99
42	(38)	South Africa, Rep. of	600	0.01	100.00
43	(43)	Armenia	320	0.00	100.00
Total			6 883 764	100.00	

Bentonite

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	3 820 000	37.56	37.56
2	(2)	Russia	1 250 000	12.29	49.85
3	(3)	Greece	1 148 408	11.29	61.15
4	(6)	Italy	600 000	5.90	67.05
5	(4)	Turkey	565 708	5.56	72.61
6	(5)	Germany, Federal Rep.	508 738	5.00	77.61
7	(7)	Japan	443 566	4.36	81.97
8	(8)	India	250 000	2.46	84.43
9	(9)	Brazil	230 000	2.26	86.69
10	(14)	Cyprus	170 000	1.67	88.37
11	(10)	United Kingdom	138 000	1.36	89.72
12	(15)	Czech Republic	125 000	1.23	90.95
13	(12)	Iran	115 000	1.13	92.08
14	(11)	Spain	110 000	1.08	93.16
15	(13)	Argentina	105 000	1.03	94.20
16	(18)	Mexico	68 800	0.68	94.87
17	(17)	Armenia	65 000	0.64	95.51
18	(19)	Korea, Republic of	59 765	0.59	96.10
19	(20)	Australia	58 000	0.57	96.67
20	(16)	Slovakia	56 900	0.56	97.23
21	(23)	South Africa, Rep. of	48 400	0.48	97.71
22	(21)	Morocco	47 881	0.47	98.18
23	(22)	Turkmenistan	40 000	0.39	98.57

24	(27)	Hungary	26 700	0.26	98.83
25	(25)	Algeria	20 000	0.20	99.03
26	(24)	Peru	19 563	0.19	99.22
27	(26)	Romania	18 042	0.18	99.40
28	(28)	Pakistan	13 998	0.14	99.54
29	(29)	Colombia	9 000	0.09	99.62
30	(30)	Indonesia	8 400	0.08	99.71
31	(36)	Thailand	5 806	0.06	99.76
32	(33)	New Zealand	4 200	0.04	99.81
33	(31)	Philippines	3 900	0.04	99.84
34	(32)	Croatia	3 500	0.03	99.88
35	(34)	Macedonia	3 000	0.03	99.91
36	(35)	Guatemala	2 278	0.02	99.93
37	(37)	Poland	2 100	0.02	99.95
38	(39)	Egypt	1 545	0.02	99.97
39	(38)	Bolivia	1 334	0.01	99.98
40	(41)	Chile	721	0.01	99.99
41	(40)	Myanmar	720	0.01	99.99
42	(42)	Nicaragua	400	0.00	100.00
43	(43)	Ecuador	200	0.00	100.00
44	(44)	Uruguay	65	0.00	100.00
		Total	10 169 638	100.00	

Boron

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(2)	Turkey	1 597 367	44.37	44.37
2	(1)	United States	1 170 000	32.50	76.87
3	(3)	Argentina	400 000	11.11	87.98
4	(4)	Chile	280 140	7.78	95.76
5	(6)	China	65 000	1.81	97.56
6	(5)	Kazakhstan	60 000	1.67	99.23
7	(7)	Peru	17 945	0.50	99.73
8	(8)	Bolivia	7 026	0.20	99.92
9	(9)	Iran	2 800	0.08	100.00
		Total	3 600 278	100.00	

Diamonds (Gem)

Rank 98	Rank 97	C o u n t r y	Production 1998 carats	Share in %	cum. sh.
1	(1)	Australia	16 337 200	30.27	30.27
2	(2)	Botswana	13 841 100	25.64	55.91
3	(3)	Russia	10 500 000	19.45	75.36
4	(5)	South Africa, Rep. of	4 302 400	7.97	83.33
5	(6)	Zaire	3 614 000	6.70	90.03
6	(4)	Angola	2 700 000	5.00	95.03

7	(7)	Namibia	1 368 000	2.53	97.56
8	(9)	Central African Rep.	425 000	0.79	98.35
9	(8)	Guinea	225 000	0.42	98.77
10	(14)	Sierra Leone	201 000	0.37	99.14
11	(10)	Ghana	161 148	0.30	99.44
12	(15)	Tanzania	79 050	0.15	99.59
13	(13)	Brazil	63 000	0.12	99.70
14	(12)	Venezuela	38 724	0.07	99.77
15	(16)	China	36 000	0.07	99.84
16	(17)	Liberia	27 630	0.05	99.89
17	(18)	Cote d'Ivoire	14 400	0.03	99.92
18	(19)	Swaziland	13 200	0.02	99.94
19	(20)	India	12 102	0.02	99.97
20	(21)	Guyana	10 044	0.02	99.98
21	(11)	Zimbabwe	8 512	0.02	100.00
Total			53 977 510	100.00	

Diamonds (Ind)

Rank 98	Rank 97	C o u n t r y	Production 1998 carats	Share in %	cum. sh.
1	(1)	Australia	24 505 800	38.57	38.57
2	(2)	Zaire	14 456 000	22.75	61.32
3	(3)	Russia	10 500 000	16.53	77.85
4	(5)	South Africa, Rep. of	6 453 600	10.16	88.01
5	(4)	Botswana	5 931 900	9.34	97.34
6	(6)	Ghana	644 594	1.01	98.36
7	(7)	Angola	300 000	0.47	98.83
8	(10)	China	144 000	0.23	99.06
9	(16)	Sierra Leone	99 000	0.16	99.21
10	(12)	Central African Rep.	75 000	0.12	99.33
11	(11)	Guinea	75 000	0.12	99.45
12	(14)	Namibia	72 000	0.11	99.56
13	(9)	Venezuela	58 087	0.09	99.65
14	(13)	Liberia	57 380	0.09	99.74
15	(15)	Swaziland	52 800	0.08	99.83
16	(17)	Brazil	27 000	0.04	99.87
17	(18)	Guyana	23 436	0.04	99.91
18	(19)	India	22 477	0.04	99.94
19	(8)	Zimbabwe	19 860	0.03	99.97
20	(20)	Tanzania	13 950	0.02	99.99
21	(21)	Cote d'Ivoire	3 600	0.01	100.00
22	(22)	Myanmar	7	0.00	100.00
Total			63 535 491	100.00	

Diatomite

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	725 000	65.33	65.33
2	(3)	Korea, Republic of	78 000	7.03	72.36
3	(2)	France	75 000	6.76	79.12
4	(4)	Mexico	62 000	5.59	84.71
5	(6)	Spain	36 000	3.24	87.95
6	(7)	Iceland	25 734	2.32	90.27
7	(8)	Peru	18 000	1.62	91.89
8	(5)	Czech Republic	18 000	1.62	93.52
9	(10)	Chile	14 868	1.34	94.86
10	(9)	Brazil	13 000	1.17	96.03
11	(11)	Costa Rica	10 500	0.95	96.97
12	(12)	Australia	9 800	0.88	97.86
13	(13)	Argentina	9 500	0.86	98.71
14	(14)	Canada	3 500	0.32	99.03
15	(15)	Romania	2 657	0.24	99.27
16	(16)	Slovakia	2 500	0.23	99.49
17	(17)	Algeria	2 100	0.19	99.68
18	(18)	Thailand	912	0.08	99.77
19	(19)	Portugal	785	0.07	99.84
20	(20)	Ethiopia	700	0.06	99.90
21	(23)	Kenya	468	0.04	99.94
22	(21)	Armenia	350	0.03	99.97
23	(22)	South Africa, Rep. of	300	0.03	100.00
Total			1 109 674	100.00	

Feldspar

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Italy	2 800 000	32.85	32.85
2	(2)	United States	820 000	9.62	42.46
3	(9)	Turkey	734 311	8.61	51.08
4	(3)	France	650 000	7.62	58.70
5	(5)	Germany, Federal Rep.	469 928	5.51	64.21
6	(6)	Spain	430 000	5.04	69.26
7	(4)	Thailand	325 289	3.82	73.07
8	(7)	Korea, Republic of	248 493	2.91	75.99
9	(8)	Czech Republic	199 000	2.33	78.32
10	(11)	Mexico	197 866	2.32	80.64
11	(10)	Venezuela	158 000	1.85	82.50
12	(12)	Brazil	130 000	1.52	84.02
13	(13)	Iran	125 000	1.47	85.49
14	(16)	India	106 811	1.25	86.74
15	(14)	Norway	82 036	0.96	87.70
16	(17)	Argentina	82 000	0.96	88.67
17	(15)	Portugal	80 794	0.95	89.61
18	(18)	Russia	80 000	0.94	90.55

19	(20)	Uzbekistan	75 000	0.88	91.43
20	(19)	Poland	75 000	0.88	92.31
21	(21)	Colombia	68 000	0.80	93.11
22	(23)	Japan	60 000	0.70	93.81
23	(24)	South Africa, Rep. of	56 800	0.67	94.48
24	(25)	Greece	55 700	0.65	95.13
25	(31)	Indonesia	53 068	0.62	95.76
26	(27)	Hungary	46 000	0.54	96.30
27	(29)	Finland	42 740	0.50	96.80
28	(30)	Romania	37 010	0.43	97.23
29	(28)	Sweden	33 000	0.39	97.62
30	(26)	Egypt	32 565	0.38	98.00
31	(34)	Pakistan	31 168	0.37	98.37
32	(32)	Australia	23 200	0.27	98.64
33	(22)	Ecuador	21 265	0.25	98.89
34	(36)	Guatemala	17 248	0.20	99.09
35	(33)	Cuba	16 000	0.19	99.28
36	(38)	Saudi Arabia	10 000	0.12	99.39
37	(37)	Macedonia	9 500	0.11	99.51
38	(39)	Jordan	7 200	0.08	99.59
39	(40)	United Kingdom	6 500	0.08	99.67
40	(42)	Yugoslavia	5 000	0.06	99.73
41	(41)	Algeria	5 000	0.06	99.78
42	(45)	Peru	3 984	0.05	99.83
43	(35)	Philippines	3 824	0.04	99.88
44	(44)	Uruguay	3 500	0.04	99.92
45	(47)	Sri Lanka	3 387	0.04	99.96
46	(46)	Zimbabwe	2 241	0.03	99.98
47	(43)	Chile	1 460	0.02	100.00
		Total	8 524 888	100.00	

Fluorspar

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	2 550 000	53.50	53.50
2	(2)	Mexico	598 043	12.55	66.05
3	(4)	Russia	250 000	5.25	71.29
4	(3)	South Africa, Rep. of	228 600	4.80	76.09
5	(5)	Mongolia	171 000	3.59	79.68
6	(6)	Spain	124 000	2.60	82.28
7	(7)	France	110 000	2.31	84.59
8	(9)	Morocco	105 000	2.20	86.79
9	(8)	Italy	104 188	2.19	88.98
10	(10)	Uzbekistan	95 000	1.99	90.97
11	(11)	Kazakhstan	90 000	1.89	92.86
12	(12)	Brazil	65 000	1.36	94.22
13	(14)	United Kingdom	65 000	1.36	95.59
14	(13)	Kenya	60 854	1.28	96.86
15	(17)	Namibia	42 139	0.88	97.75
16	(16)	Germany, Federal Rep.	30 641	0.64	98.39
17	(15)	DPR Korea	30 000	0.63	99.02
18	(22)	Argentina	12 000	0.25	99.27

19	(18)	United States	10 000	0.21	99.48
20	(21)	Iran	6 800	0.14	99.62
21	(23)	Turkey	5 034	0.11	99.73
22	(19)	India	3 966	0.08	99.81
23	(20)	Thailand	3 743	0.08	99.89
24	(28)	Pakistan	2 647	0.06	99.95
25	(24)	Tunisia	1 000	0.02	99.97
26	(25)	Colombia	900	0.02	99.99
27	(26)	Afghanistan	500	0.01	100.00
28	(27)	Egypt	140	0.00	100.00
Total			4 766 195	100.00	

Graphite

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	300 000	45.61	45.61
2	(2)	India	131 822	20.04	65.66
3	(3)	Mexico	43 481	6.61	72.27
4	(4)	Brazil	30 000	4.56	76.83
5	(5)	DPR Korea	28 000	4.26	81.09
6	(6)	Czech Republic	24 000	3.65	84.74
7	(7)	Canada	22 000	3.35	88.08
8	(8)	Turkey	18 000	2.74	90.82
9	(10)	Zimbabwe	13 806	2.10	92.92
10	(11)	Austria	10 738	1.63	94.55
11	(12)	Norway	8 271	1.26	95.81
12	(13)	Russia	6 500	0.99	96.80
13	(15)	Sri Lanka	5 260	0.80	97.60
14	(14)	Ukraine	4 500	0.68	98.28
15	(18)	Sweden	3 277	0.50	98.78
16	(16)	Korea, Republic of	3 000	0.46	99.24
17	(9)	Madagascar	2 330	0.35	99.59
18	(17)	Romania	1 951	0.30	99.89
19	(19)	Germany, Federal Rep.	300	0.05	99.93
20	(20)	Tanzania	250	0.04	99.97
21	(21)	Viet Nam	200	0.03	100.00
Total			657 686	100.00	

Guano

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Seychellen	800	96.97	96.97
2	(2)	Philippines	25	3.03	100.00
Total			825	100.00	

Gypsum and Anhydrite

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	18 500 000	19.99	19.99
2	(2)	Iran	9 750 000	10.53	30.52
3	(5)	Spain	9 250 000	9.99	40.52
4	(4)	Canada	8 095 000	8.75	49.26
5	(6)	China	7 900 000	8.54	57.80
6	(3)	Thailand	4 333 804	4.68	62.48
7	(7)	France	4 300 000	4.65	67.12
8	(8)	Mexico	3 993 305	4.31	71.44
9	(9)	Germany, Federal Rep.	2 499 169	2.70	74.14
10	(11)	Egypt	2 423 188	2.62	76.76
11	(10)	India	2 326 876	2.51	79.27
12	(12)	Australia	2 200 000	2.38	81.65
13	(13)	United Kingdom	2 000 000	2.16	83.81
14	(15)	Italy	1 232 535	1.33	85.14
15	(14)	Brazil	1 220 000	1.32	86.46
16	(16)	Poland	1 000 000	1.08	87.54
17	(17)	Austria	961 400	1.04	88.58
18	(28)	Chile	780 676	0.84	89.42
19	(19)	Argentina	750 000	0.81	90.23
20	(22)	Colombia	700 000	0.76	90.99
21	(21)	Russia	600 000	0.65	91.64
22	(23)	Portugal	570 000	0.62	92.25
23	(20)	Greece	554 998	0.60	92.85
24	(24)	Ireland	500 000	0.54	93.39
25	(29)	South Africa, Rep. of	485 700	0.52	93.92
26	(27)	Saudi Arabia	460 000	0.50	94.41
27	(25)	Iraq	430 000	0.46	94.88
28	(18)	Turkey	351 557	0.38	95.26
29	(32)	Cyprus	350 000	0.38	95.64
30	(30)	Syria	290 355	0.31	95.95
31	(31)	Switzerland	274 300	0.30	96.25
32	(33)	Czech Republic	258 000	0.28	96.52
33	(26)	Pakistan	254 410	0.27	96.80
34	(37)	Libya	200 000	0.22	97.02
35	(41)	Jamaica	200 000	0.22	97.23
36	(34)	Algeria	200 000	0.22	97.45
37	(35)	Tajikistan	200 000	0.22	97.66
38	(36)	Hungary	185 000	0.20	97.86
39	(39)	Bulgaria	183 929	0.20	98.06
40	(49)	Oman	165 000	0.18	98.24
41	(38)	Tunisia	150 000	0.16	98.40
42	(40)	Turkmenistan	130 000	0.14	98.54
43	(43)	Jordan	110 000	0.12	98.66
44	(47)	Croatia	105 000	0.11	98.78
45	(42)	Laos	104 250	0.11	98.89
46	(54)	Latvia	93 611	0.10	98.99
47	(46)	Dominican Republic	87 000	0.09	99.08
48	(45)	Uruguay	85 000	0.09	99.17
49	(50)	Afghanistan	80 000	0.09	99.26
50	(48)	Venezuela	72 000	0.08	99.34
51	(53)	Peru	71 018	0.08	99.42

52	(51)	Bhutan	67 000	0.07	99.49
53	(52)	Yemen, Republic of	63 000	0.07	99.56
54	(44)	Israel	56 000	0.06	99.62
55	(55)	Azerbaijan	43 000	0.05	99.66
56	(58)	Yugoslavia	35 000	0.04	99.70
57	(56)	Ethiopia	33 000	0.04	99.74
58	(60)	Guatemala	27 200	0.03	99.77
59	(59)	Angola	27 000	0.03	99.80
60	(57)	Myanmar	26 329	0.03	99.82
61	(61)	Honduras	23 000	0.02	99.85
62	(62)	Abu Dhabi (UAE)	23 000	0.02	99.87
63	(66)	Moldavia	19 080	0.02	99.89
64	(69)	Mauritania	18 795	0.02	99.91
65	(64)	Mongolia	18 000	0.02	99.93
66	(63)	Viet Nam	18 000	0.02	99.95
67	(67)	Sudan	15 000	0.02	99.97
68	(65)	Nicaragua	12 000	0.01	99.98
69	(68)	Paraguay	6 300	0.01	99.99
70	(73)	Ecuador	2 378	0.00	99.99
71	(71)	Niger	2 200	0.00	99.99
72	(70)	Albania	1 500	0.00	100.00
73	(74)	Lebanon	1 300	0.00	100.00
74	(75)	Kenya	700	0.00	100.00
75	(76)	Somalia	700	0.00	100.00
76	(77)	Eritrea	564	0.00	100.00
77	(72)	Indonesia	406	0.00	100.00
78	(0)	Uganda	142	0.00	100.00
Total			92 557 675	100.00	

Kaolin

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	9 450 000	36.13	36.13
2	(3)	Germany, Federal Rep.	3 360 563	12.85	48.98
3	(2)	United Kingdom	2 400 000	9.18	58.16
4	(4)	Russia	1 400 000	5.35	63.51
5	(5)	Brazil	1 380 000	5.28	68.79
6	(7)	Iran	1 050 000	4.01	72.80
7	(6)	China	1 000 000	3.82	76.62
8	(10)	India	708 503	2.71	79.33
9	(8)	Colombia	700 000	2.68	82.01
10	(9)	Czech Republic	587 730	2.25	84.26
11	(12)	Turkey	403 733	1.54	85.80
12	(11)	Korea, Republic of	393 736	1.51	87.31
13	(13)	France	330 000	1.26	88.57
14	(15)	Spain	310 000	1.19	89.75
15	(16)	Austria	298 110	1.14	90.89
16	(17)	Egypt	285 497	1.09	91.98
17	(14)	Thailand	248 461	0.95	92.93
18	(20)	Australia	220 000	0.84	93.77
19	(26)	Portugal	216 000	0.83	94.60
20	(18)	Malaysia	176 521	0.67	95.28

21	(21)	Mexico	155 000	0.59	95.87
22	(22)	Bulgaria	151 451	0.58	96.45
23	(23)	South Africa, Rep. of	101 300	0.39	96.83
24	(0)	Uganda	100 000	0.38	97.22
25	(24)	Japan	83 257	0.32	97.54
26	(27)	Pakistan	72 262	0.28	97.81
27	(28)	Argentina	66 000	0.25	98.06
28	(30)	Yugoslavia	60 000	0.23	98.29
29	(29)	Paraguay	55 000	0.21	98.50
30	(32)	Poland	50 000	0.19	98.69
31	(31)	Greece	46 388	0.18	98.87
32	(34)	Belgium	38 000	0.15	99.02
33	(35)	Jordan	34 000	0.13	99.15
34	(39)	Algeria	32 500	0.12	99.27
35	(33)	Indonesia	30 036	0.11	99.39
36	(37)	New Zealand	26 000	0.10	99.49
37	(36)	Romania	24 742	0.09	99.58
38	(38)	Slovakia	22 000	0.08	99.66
39	(43)	Sri Lanka	13 172	0.05	99.71
40	(41)	Cuba	13 000	0.05	99.76
41	(40)	Chile	11 530	0.04	99.81
42	(50)	Hungary	9 500	0.04	99.85
43	(45)	Saudi Arabia	7 100	0.03	99.87
44	(44)	Ecuador	7 000	0.03	99.90
45	(42)	Peru	4 968	0.02	99.92
46	(46)	Venezuela	4 500	0.02	99.94
47	(48)	Ethiopia	4 000	0.02	99.95
48	(47)	Bangladesh	3 700	0.01	99.96
49	(49)	Burundi	3 200	0.01	99.98
50	(51)	Eritrea	1 587	0.01	99.98
51	(54)	Tanzania	1 200	0.00	99.99
52	(53)	Albania	1 100	0.00	99.99
53	(52)	Philippines	1 000	0.00	100.00
54	(56)	Viet Nam	450	0.00	100.00
55	(55)	Madagascar	378	0.00	100.00
56	(57)	Kenya	150	0.00	100.00
57	(58)	Guatemala	115	0.00	100.00
58	(59)	Nigeria	80	0.00	100.00
		Total	26 154 520	100.00	

Magnesite

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(4)	Turkey	2 703 720	23.72	23.72
2	(1)	China	2 200 000	19.30	43.01
3	(3)	Russia	1 700 000	14.91	57.93
4	(5)	Slovakia	877 800	7.70	65.63
5	(2)	DPR Korea	800 000	7.02	72.64
6	(6)	Austria	722 876	6.34	78.98
7	(7)	Greece	698 049	6.12	85.11
8	(9)	Australia	360 787	3.16	88.27
9	(8)	India	350 755	3.08	91.35

10	(10)	Brazil	292 000	2.56	93.91
11	(12)	Canada	200 000	1.75	95.66
12	(11)	Spain	170 000	1.49	97.16
13	(13)	Iran	120 000	1.05	98.21
14	(14)	Yugoslavia	85 000	0.75	98.95
15	(15)	South Africa, Rep. of	74 300	0.65	99.61
16	(16)	Poland	32 000	0.28	99.89
17	(18)	Colombia	7 500	0.07	99.95
18	(17)	Zimbabwe	4 321	0.04	99.99
19	(19)	Pakistan	1 082	0.01	100.00
		Total	11 400 190	100.00	

Perlite

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	685 000	34.41	34.41
2	(2)	Greece	658 332	33.07	67.48
3	(3)	Japan	200 000	10.05	77.53
4	(4)	Hungary	148 500	7.46	84.99
5	(5)	Turkey	124 312	6.24	91.23
6	(6)	Russia	70 000	3.52	94.75
7	(7)	Mexico	36 000	1.81	96.56
8	(9)	Slovakia	24 000	1.21	97.77
9	(10)	Argentina	23 000	1.16	98.92
10	(8)	Philippines	6 356	0.32	99.24
11	(11)	Armenia	5 500	0.28	99.52
12	(12)	Iran	3 800	0.19	99.71
13	(13)	Australia	3 200	0.16	99.87
14	(14)	New Zealand	2 000	0.10	99.97
15	(15)	South Africa, Rep. of	630	0.03	100.00
		Total	1 990 630	100.00	

Phosphate

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	30 980 000	44.93	44.93
2	(2)	United States	12 900 000	18.71	63.64
3	(3)	Morocco	7 119 460	10.33	73.97
4	(5)	Israel	2 940 000	4.26	78.23
5	(4)	South Africa, Rep. of	2 700 000	3.92	82.15
6	(6)	Jordan	1 861 440	2.70	84.85
7	(7)	Brazil	1 502 800	2.18	87.03
8	(8)	Tunisia	1 430 280	2.07	89.10
9	(9)	Russia	1 425 000	2.07	91.17
10	(10)	Togo	850 700	1.23	92.40
11	(11)	Syria	748 236	1.09	93.49
12	(12)	Finland	700 000	1.02	94.50

13	(13)	Senegal	566 200	0.82	95.33
14	(15)	Iraq	495 000	0.72	96.04
15	(14)	Kazakhstan	450 000	0.65	96.70
16	(17)	Algeria	442 000	0.64	97.34
17	(18)	India	398 862	0.58	97.92
18	(16)	Egypt	269 989	0.39	98.31
19	(19)	Mexico	242 032	0.35	98.66
20	(22)	Christmas Island	207 120	0.30	98.96
21	(21)	Nauru	180 000	0.26	99.22
22	(20)	DPR Korea	155 000	0.22	99.44
23	(23)	Viet Nam	150 000	0.22	99.66
24	(24)	Venezuela	96 600	0.14	99.80
25	(26)	Peru	46 821	0.07	99.87
26	(25)	Zimbabwe	27 430	0.04	99.91
27	(28)	Colombia	15 000	0.02	99.93
28	(27)	Pakistan	15 000	0.02	99.95
29	(29)	Sri Lanka	12 784	0.02	99.97
30	(30)	Philippines	7 506	0.01	99.98
31	(33)	Chile	3 917	0.01	99.99
32	(31)	Thailand	3 029	0.00	99.99
33	(32)	Australia	1 855	0.00	100.00
34	(34)	Cambodia	1 000	0.00	100.00
35	(35)	Tanzania	850	0.00	100.00
36	(36)	Indonesia	752	0.00	100.00
37	(37)	Burkina Faso	180	0.00	100.00
		Total	68 946 843	100.00	

Potash

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Canada	8 969 000	31.84	31.84
2	(2)	Belorussia	5 754 000	20.43	52.27
3	(3)	Germany, Federal Rep.	3 580 350	12.71	64.98
4	(4)	Russia	3 500 000	12.43	77.41
5	(5)	Israel	1 745 210	6.20	83.60
6	(6)	United States	1 300 000	4.62	88.22
7	(7)	Jordan	910 200	3.23	91.45
8	(9)	United Kingdom	640 544	2.27	93.73
9	(10)	Spain	585 000	2.08	95.80
10	(8)	France	450 000	1.60	97.40
11	(11)	Brazil	326 000	1.16	98.56
12	(12)	Chile	151 200	0.54	99.09
13	(13)	China	150 000	0.53	99.63
14	(14)	Ukraine	60 000	0.21	99.84
15	(15)	Azerbaijan	45 000	0.16	100.00
		Total	28 166 504	100.00	

Salt

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	40 763 000	21.67	21.67
2	(2)	China	22 420 000	11.92	33.58
3	(3)	Germany, Federal Rep.	14 139 000	7.51	41.10
4	(4)	Canada	13 192 000	7.01	48.11
5	(5)	India	9 000 000	4.78	52.89
6	(6)	Australia	8 877 000	4.72	57.61
7	(8)	Mexico	8 412 063	4.47	62.08
8	(7)	France	8 200 000	4.36	66.44
9	(10)	Brazil	7 000 000	3.72	70.16
10	(12)	Chile	6 207 266	3.30	73.46
11	(11)	Netherlands	5 600 000	2.98	76.44
12	(9)	United Kingdom	4 800 700	2.55	78.99
13	(15)	Poland	3 942 000	2.10	81.08
14	(14)	Spain	3 620 000	1.92	83.01
15	(13)	Italy	3 240 000	1.72	84.73
16	(16)	Ukraine	2 500 000	1.33	86.06
17	(20)	Egypt	2 487 645	1.32	87.38
18	(17)	Romania	2 200 037	1.17	88.55
19	(18)	Turkey	2 169 626	1.15	89.70
20	(19)	Russia	1 500 000	0.80	90.50
21	(22)	Iran	1 450 000	0.77	91.27
22	(23)	Argentina	1 200 000	0.64	91.91
23	(24)	Pakistan	1 115 763	0.59	92.50
24	(21)	Japan	1 000 000	0.53	93.03
25	(27)	Austria	735 468	0.39	93.42
26	(26)	Bahamas	730 000	0.39	93.81
27	(25)	Israel	700 000	0.37	94.18
28	(28)	Philippines	700 000	0.37	94.55
29	(30)	Portugal	597 065	0.32	94.87
30	(29)	Bangladesh	580 000	0.31	95.18
31	(31)	Thailand	546 096	0.29	95.47
32	(33)	Namibia	502 138	0.27	95.74
33	(41)	Colombia	496 103	0.26	96.00
34	(36)	Tunisia	466 000	0.25	96.25
35	(32)	Denmark	455 295	0.24	96.49
36	(34)	DPR Korea	450 000	0.24	96.73
37	(35)	Venezuela	430 000	0.23	96.96
38	(38)	Switzerland	400 900	0.21	97.17
39	(42)	South Africa, Rep. of	356 100	0.19	97.36
40	(39)	Viet Nam	350 000	0.19	97.55
41	(37)	Taiwan	300 000	0.16	97.71
42	(40)	Indonesia	300 000	0.16	97.87
43	(46)	Belorussia	290 000	0.15	98.02
44	(60)	Jordan	263 365	0.14	98.16
45	(45)	Iraq	260 000	0.14	98.30
46	(52)	Algeria	228 000	0.12	98.42
47	(61)	Peru	220 310	0.12	98.54
48	(48)	Botswana	214 700	0.11	98.65
49	(49)	Greece	208 000	0.11	98.76
50	(47)	Myanmar	180 000	0.10	98.86

51	(50)	Cuba	175 000	0.09	98.95
52	(54)	Sri Lanka	126 000	0.07	99.02
53	(53)	Yemen, Republic of	125 000	0.07	99.08
54	(44)	Eritrea	114 136	0.06	99.14
55	(43)	Morocco	107 604	0.06	99.20
56	(51)	Saudi Arabia	104 347	0.06	99.26
57	(56)	Slovakia	102 200	0.05	99.31
58	(57)	Cambodia	100 000	0.05	99.36
59	(55)	Ethiopia	90 000	0.05	99.41
60	(59)	Tanzania	82 000	0.04	99.46
61	(65)	Syria	78 757	0.04	99.50
62	(58)	Bulgaria	73 742	0.04	99.54
63	(62)	Guatemala	73 000	0.04	99.58
64	(64)	New Zealand	68 000	0.04	99.61
65	(66)	Sudan	55 000	0.03	99.64
66	(67)	Senegal	48 000	0.03	99.67
67	(68)	Madagascar	38 000	0.02	99.69
68	(69)	Puerto Rico	36 000	0.02	99.71
69	(75)	Turkmenistan	35 000	0.02	99.72
70	(73)	Afghanistan	35 000	0.02	99.74
71	(70)	Kuwait	35 000	0.02	99.76
72	(71)	Ghana	30 000	0.02	99.78
73	(79)	Libya	30 000	0.02	99.79
74	(72)	Abu Dhabi (UAE)	30 000	0.02	99.81
75	(81)	Azerbaijan	25 400	0.01	99.82
76	(76)	Panama	25 266	0.01	99.84
77	(74)	Mozambique	25 000	0.01	99.85
78	(78)	Honduras	25 000	0.01	99.86
79	(77)	Angola	25 000	0.01	99.88
80	(80)	Armenia	24 911	0.01	99.89
81	(86)	Croatia	24 000	0.01	99.90
82	(82)	Albania	22 000	0.01	99.91
83	(63)	Kenya	21 742	0.01	99.93
84	(83)	El Salvador	20 500	0.01	99.94
85	(84)	Costa Rica	18 000	0.01	99.95
86	(85)	Yugoslavia	18 000	0.01	99.96
87	(88)	Jamaica	15 500	0.01	99.96
88	(87)	Mongolia	15 000	0.01	99.97
89	(89)	Nicaragua	14 000	0.01	99.98
90	(90)	Oman	13 778	0.01	99.99
91	(91)	Dominican Republic	8 500	0.00	99.99
92	(98)	Bolivia	4 562	0.00	99.99
93	(92)	Laos	3 453	0.00	100.00
94	(93)	Somalia	2 700	0.00	100.00
95	(94)	Uganda	2 000	0.00	100.00
96	(95)	Lebanon	1 800	0.00	100.00
97	(96)	Niger	1 600	0.00	100.00
98	(97)	Cape Verde	900	0.00	100.00
99	(99)	Malta	120	0.00	100.00
100	(**)	Benin	70	0.00	100.00
101	(**)	Nepal	1	0.00	100.00
		Total	188 146 229	100.00	

Sulfur

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	United States	10 058 000	24.50	24.50
2	(2)	Canada	8 410 000	20.49	44.99
3	(3)	China	6 000 000	14.62	59.60
4	(4)	Russia	3 670 000	8.94	68.54
5	(6)	Saudi Arabia	1 500 000	3.65	72.20
6	(5)	Poland	1 384 000	3.37	75.57
7	(7)	Iran	1 200 000	2.92	78.49
8	(8)	Germany, Federal Rep.	1 089 771	2.65	81.15
9	(9)	France	950 000	2.31	83.46
10	(10)	Mexico	912 826	2.22	85.68
11	(11)	Spain	750 000	1.83	87.51
12	(13)	Kuwait	580 000	1.41	88.92
13	(12)	Japan	544 904	1.33	90.25
14	(18)	Brazil	460 000	1.12	91.37
15	(15)	South Africa, Rep. of	451 900	1.10	92.47
16	(14)	Iraq	450 000	1.10	93.57
17	(16)	Finland	389 920	0.95	94.52
18	(17)	Australia	330 000	0.80	95.32
19	(20)	Taiwan	184 324	0.45	95.77
20	(19)	Italy	180 000	0.44	96.21
21	(22)	Turkmenistan	170 000	0.41	96.62
22	(21)	United Kingdom	130 000	0.32	96.94
23	(23)	Venezuela	120 000	0.29	97.23
24	(24)	DPR Korea	120 000	0.29	97.52
25	(28)	Kazakhstan	120 000	0.29	97.82
26	(25)	Romania	100 000	0.24	98.06
27	(26)	Ukraine	97 000	0.24	98.30
28	(27)	Yugoslavia	90 000	0.22	98.52
29	(30)	Abu Dhabi (UAE)	75 000	0.18	98.70
30	(29)	Turkey	70 000	0.17	98.87
31	(32)	Colombia	55 000	0.13	99.00
32	(34)	Namibia	47 000	0.11	99.12
33	(33)	Qatar	47 000	0.11	99.23
34	(35)	Norway	42 300	0.10	99.34
35	(36)	Bahrain	41 000	0.10	99.44
36	(31)	Peru	40 000	0.10	99.53
37	(41)	Zambia	28 956	0.07	99.60
38	(38)	Algeria	24 500	0.06	99.66
39	(39)	Zimbabwe	23 000	0.06	99.72
40	(40)	Libya	22 000	0.05	99.77
41	(37)	Bulgaria	21 535	0.05	99.82
42	(42)	Greece	15 000	0.04	99.86
43	(43)	India	12 143	0.03	99.89
44	(44)	Ecuador	12 000	0.03	99.92
45	(45)	Austria	10 045	0.02	99.94
46	(46)	Indonesia	10 000	0.02	99.97
47	(47)	Egypt	6 300	0.02	99.98
48	(48)	Zaire	5 000	0.01	100.00
49	(49)	Albania	1 200	0.00	100.00
50	(50)	Pakistan	200	0.00	100.00
		Total	41 051 824	100.00	

Talc

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	2 200 000	27.64	27.64
2	(2)	United States	1 060 000	13.32	40.96
3	(3)	Korea, Republic of	868 020	10.91	51.86
4	(4)	Japan	600 000	7.54	59.40
5	(7)	Finland	498 152	6.26	65.66
6	(5)	India	456 187	5.73	71.39
7	(6)	Brazil	450 000	5.65	77.05
8	(8)	Spain	385 000	4.84	81.88
9	(9)	France	360 000	4.52	86.41
10	(10)	Russia	230 000	2.89	89.30
11	(11)	Australia	158 000	1.99	91.28
12	(12)	Austria	137 114	1.72	93.00
13	(13)	Italy	134 000	1.68	94.69
14	(14)	DPR Korea	100 000	1.26	95.94
15	(15)	Canada	74 000	0.93	96.87
16	(20)	Iran	28 500	0.36	97.23
17	(21)	South Africa, Rep. of	22 832	0.29	97.52
18	(16)	Thailand	21 720	0.27	97.79
19	(18)	Slovakia	21 200	0.27	98.06
20	(17)	Norway	21 000	0.26	98.32
21	(19)	Peru	20 000	0.25	98.57
22	(22)	Colombia	15 500	0.19	98.77
23	(27)	Germany, Federal Rep.	15 473	0.19	98.96
24	(23)	Macedonia	10 000	0.13	99.09
25	(24)	Argentina	10 000	0.13	99.21
26	(26)	Mexico	9 800	0.12	99.34
27	(28)	Portugal	9 752	0.12	99.46
28	(25)	Romania	8 133	0.10	99.56
29	(31)	Taiwan	7 750	0.10	99.66
30	(29)	Nepal	6 157	0.08	99.73
31	(30)	United Kingdom	5 000	0.06	99.80
32	(33)	Egypt	3 972	0.05	99.85
33	(32)	Chile	3 772	0.05	99.89
34	(34)	Turkey	3 700	0.05	99.94
35	(35)	Hungary	1 400	0.02	99.96
36	(36)	Zimbabwe	1 039	0.01	99.97
37	(37)	Uruguay	950	0.01	99.98
38	(38)	Guatemala	948	0.01	100.00
39	(39)	Zambia	300	0.00	100.00
40	(40)	Sweden	24	0.00	100.00
		Total	7 959 395	100.00	

Vermiculite

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	221 300	41.72	41.72
2	(2)	United States	180 000	33.93	75.65
3	(0)	Ukraine	50 000	9.43	85.08
4	(3)	Russia	30 000	5.66	90.73
5	(4)	Brazil	20 500	3.86	94.60
6	(5)	Zimbabwe	14 804	2.79	97.39
7	(6)	Japan	8 000	1.51	98.89
8	(8)	India	4 035	0.76	99.65
9	(10)	Australia	700	0.13	99.79
10	(9)	Egypt	420	0.08	99.87
11	(11)	Mexico	360	0.07	99.93
12	(7)	Kenya	353	0.07	100.00
		Total	530 472	100.00	

Zircon

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Australia	393 000	47.07	47.07
2	(2)	South Africa, Rep. of	260 000	31.14	78.21
3	(3)	United States	70 000	8.38	86.60
4	(4)	Ukraine	50 000	5.99	92.58
5	(5)	India	20 000	2.40	94.98
6	(6)	Brazil	15 000	1.80	96.78
7	(7)	China	13 000	1.56	98.33
8	(8)	Sri Lanka	8 814	1.06	99.39
9	(9)	Malaysia	5 100	0.61	100.00
		Total	834 914	100.00	

6.5.5

Mineral Fuels
Energierohstoffe

Hard Coal

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	China	1 285 500 000	33.61	33.61
2	(2)	United States	934 200 000	24.43	58.04
3	(3)	India	293 565 000	7.68	65.71
4	(4)	Australia	282 000 000	7.37	73.09
5	(5)	South Africa, Rep. of	224 580 000	5.87	78.96
6	(6)	Russia	153 920 000	4.02	82.98
7	(7)	Poland	116 706 000	3.05	86.03
8	(9)	Kazakhstan	65 700 000	1.72	87.75
9	(10)	Canada	63 590 000	1.66	89.41
10	(12)	Indonesia	60 302 622	1.58	90.99
11	(11)	DPR Korea	60 000 000	1.57	92.56
12	(8)	Ukraine	59 395 000	1.55	94.11
13	(14)	Germany, Federal Rep.	41 639 952	1.09	95.20
14	(13)	United Kingdom	41 300 000	1.08	96.28
15	(15)	Colombia	34 000 000	0.89	97.17
16	(16)	Spain	16 321 000	0.43	97.60
17	(17)	Czech Republic	15 863 000	0.41	98.01
18	(18)	Viet Nam	13 000 000	0.34	98.35
19	(19)	Mexico	7 632 227	0.20	98.55
20	(23)	Venezuela	6 324 000	0.17	98.72
21	(21)	Brazil	5 560 000	0.15	98.86
22	(20)	France	5 300 000	0.14	99.00
23	(22)	Zimbabwe	5 048 977	0.13	99.13
24	(24)	Korea, Republic of	4 361 000	0.11	99.25
25	(27)	Japan	3 663 000	0.10	99.34
26	(25)	Turkey	3 336 021	0.09	99.43
27	(26)	Romania	3 200 900	0.08	99.51
28	(29)	Pakistan	3 100 000	0.08	99.59
29	(28)	New Zealand	3 100 000	0.08	99.68
30	(30)	Uzbekistan	3 010 000	0.08	99.75
31	(31)	Iran	1 810 000	0.05	99.80
32	(32)	Chile	1 400 000	0.04	99.84
33	(33)	Philippines	1 400 000	0.04	99.87
34	(34)	Hungary	877 028	0.02	99.90
35	(35)	Botswana	800 000	0.02	99.92
36	(40)	Swaziland	410 000	0.01	99.93
37	(36)	Kyrgystan	400 000	0.01	99.94
38	(42)	Malaysia	349 849	0.01	99.95
39	(37)	Norway	328 169	0.01	99.96
40	(38)	Morocco	269 100	0.01	99.96
41	(39)	Argentina	240 000	0.01	99.97
42	(47)	Zambia	150 000	0.00	99.97
43	(41)	Niger	150 000	0.00	99.98
44	(46)	Afghanistan	105 000	0.00	99.98
45	(48)	Yugoslavia	105 000	0.00	99.98
46	(44)	Tanzania	100 000	0.00	99.99

47	(49)	Nigeria	90 000	0.00	99.99
48	(50)	Peru	80 000	0.00	99.99
49	(45)	Taiwan	79 310	0.00	99.99
50	(51)	Bhutan	63 000	0.00	99.99
51	(52)	Malawi	54 200	0.00	100.00
52	(54)	Croatia	51 000	0.00	100.00
53	(55)	Mozambique	40 000	0.00	100.00
54	(57)	Georgia	14 700	0.00	100.00
55	(56)	Bulgaria	13 192	0.00	100.00
56	(53)	Tajikistan	10 000	0.00	100.00
57	(58)	Laos	8 773	0.00	100.00
58	(59)	Egypt	1 400	0.00	100.00
Total			3 824 618 420	100.00	

Lignite

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Germany, Federal Rep.	166 035 061	19.38	19.38
2	(2)	Russia	76 780 000	8.96	28.34
3	(7)	Turkey	66 498 602	7.76	36.10
4	(4)	Poland	62 820 000	7.33	43.43
5	(6)	Greece	60 910 433	7.11	50.54
6	(5)	Australia	60 000 000	7.00	57.54
7	(10)	China	50 000 000	5.83	63.37
8	(3)	United States	50 000 000	5.83	69.21
9	(8)	Czech Republic	48 619 000	5.67	74.88
10	(9)	Yugoslavia	43 600 000	5.09	79.97
11	(12)	Bulgaria	27 116 947	3.16	83.13
12	(13)	India	23 009 000	2.69	85.82
13	(11)	Romania	22 690 100	2.65	88.47
14	(14)	Thailand	20 161 721	2.35	90.82
15	(15)	DPR Korea	15 000 000	1.75	92.57
16	(16)	Hungary	14 191 400	1.66	94.23
17	(17)	Canada	11 790 000	1.38	95.60
18	(18)	Spain	9 750 000	1.14	96.74
19	(19)	Macedonia	6 500 000	0.76	97.50
20	(20)	Mongolia	5 200 000	0.61	98.11
21	(21)	Slovenia	4 891 287	0.57	98.68
22	(22)	Slovakia	3 890 000	0.45	99.13
23	(23)	Kazakhstan	3 000 000	0.35	99.48
24	(24)	Ukraine	2 000 000	0.23	99.71
25	(25)	Austria	1 140 151	0.13	99.85
26	(26)	France	800 000	0.09	99.94
27	(27)	Italy	251 000	0.03	99.97
28	(28)	New Zealand	200 000	0.02	99.99
29	(29)	Albania	33 000	0.00	100.00
30	(30)	Myanmar	18 324	0.00	100.00
31	(31)	Nepal	10 954	0.00	100.00
Total			856 906 980	100.00	

Natural Gas

Rank 98	Rank 97	C o u n t r y	Production 1998 Mio m3	Share in %	cum. sh.
1	(1)	Russia	591 015	25.31	25.31
2	(2)	United States	534 400	22.89	48.20
3	(3)	Canada	161 000	6.89	55.09
4	(4)	United Kingdom	93 800	4.02	59.11
5	(5)	Indonesia	84 370	3.61	62.72
6	(6)	Netherlands	79 200	3.39	66.11
7	(7)	Algeria	65 000	2.78	68.90
8	(8)	Uzbekistan	54 790	2.35	71.24
9	(9)	Iran	50 000	2.14	73.38
10	(10)	Norway	47 100	2.02	75.40
11	(11)	Saudi Arabia	43 000	1.84	77.24
12	(12)	Malaysia	39 865	1.71	78.95
13	(13)	Mexico	36 500	1.56	80.51
14	(14)	Australia	30 681	1.31	81.83
15	(15)	Argentina	30 000	1.28	83.11
16	(16)	Venezuela	28 500	1.22	84.33
17	(17)	China	23 000	0.98	85.32
18	(18)	Germany, Federal Rep.	20 420	0.87	86.19
19	(19)	India	19 522	0.84	87.03
20	(21)	Italy	19 164	0.82	87.85
21	(22)	Ukraine	17 920	0.77	88.62
22	(28)	Thailand	17 614	0.75	89.37
23	(25)	Abu Dhabi (UAE)	16 500	0.71	90.08
24	(20)	Pakistan	15 090	0.65	90.72
25	(26)	Egypt	14 200	0.61	91.33
26	(24)	Turkmenistan	14 000	0.60	91.93
27	(27)	Qatar	13 700	0.59	92.52
28	(23)	Romania	13 700	0.59	93.10
29	(29)	Kuwait	12 000	0.51	93.62
30	(30)	Brazil	10 833	0.46	94.08
31	(35)	Trinidad and Tobago	9 581	0.41	94.49
32	(31)	Brunei	9 400	0.40	94.89
33	(32)	Bangladesh	9 000	0.39	95.28
34	(33)	Libya	8 000	0.34	95.62
35	(34)	Oman	7 500	0.32	95.94
36	(36)	Denmark	6 630	0.28	96.23
37	(41)	Bolivia	6 234	0.27	96.49
38	(38)	Colombia	6 000	0.26	96.75
39	(37)	Azerbaijan	5 963	0.26	97.01
40	(39)	Bahrain	5 700	0.24	97.25
41	(40)	New Zealand	5 600	0.24	97.49
42	(42)	Nigeria	5 000	0.21	97.70
43	(44)	Poland	4 835	0.21	97.91
44	(45)	Sharjah (UAE)	4 700	0.20	98.11
45	(46)	Kazakhstan	4 000	0.17	98.28
46	(47)	Iraq	4 000	0.17	98.46
47	(43)	Hungary	3 958	0.17	98.63
48	(49)	Chile	3 218	0.14	98.76
49	(50)	Syria	3 100	0.13	98.90
50	(48)	Ecuador	3 000	0.13	99.02

51	(52)	Dubai (UAE)	2 400	0.10	99.13
52	(54)	Japan	2 300	0.10	99.23
53	(57)	Tunisia	1 899	0.08	99.31
54	(51)	France	1 800	0.08	99.38
55	(53)	Ireland	1 790	0.08	99.46
56	(55)	Myanmar	1 700	0.07	99.53
57	(56)	Croatia	1 573	0.07	99.60
58	(58)	Austria	1 568	0.07	99.67
59	(0)	Viet Nam	1 510	0.06	99.73
60	(59)	Peru	1 000	0.04	99.78
61	(60)	Afghanistan	1 000	0.04	99.82
62	(61)	Taiwan	870	0.04	99.86
63	(62)	Yugoslavia	715	0.03	99.89
64	(63)	Turkey	562	0.02	99.91
65	(64)	Angola	400	0.02	99.93
66	(66)	Slovakia	311	0.01	99.94
67	(65)	Jordan	300	0.01	99.95
68	(67)	Belorussia	252	0.01	99.96
69	(68)	Czech Republic	240	0.01	99.97
70	(69)	Spain	112	0.00	99.98
71	(70)	Papua New Guinea	100	0.00	99.98
72	(71)	Gabon	83	0.00	99.99
73	(72)	Senegal	65	0.00	99.99
74	(76)	Cuba	40	0.00	99.99
75	(73)	Tajikistan	36	0.00	99.99
76	(74)	Greece	33	0.00	99.99
77	(78)	Barbados	26	0.00	100.00
78	(77)	Morocco	26	0.00	100.00
79	(79)	Kyrgystan	20	0.00	100.00
80	(80)	Albania	16	0.00	100.00
81	(75)	Bulgaria	13	0.00	100.00
82	(82)	Israel	12	0.00	100.00
83	(81)	Slovenia	8	0.00	100.00
84	(83)	Guatemala	5	0.00	100.00
Total			2 335 088	100.00	

Oil

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Saudi Arabia	404 100 000	11.51	11.51
2	(2)	United States	402 000 000	11.45	22.95
3	(3)	Russia	343 396 800	9.78	32.73
4	(4)	Iran	193 000 000	5.50	38.22
5	(5)	Mexico	169 300 000	4.82	43.05
6	(7)	China	162 600 000	4.63	47.67
7	(6)	Venezuela	159 300 000	4.54	52.21
8	(8)	Norway	158 900 000	4.52	56.74
9	(11)	United Kingdom	138 900 000	3.95	60.69
10	(9)	Canada	128 769 000	3.67	64.36
11	(16)	Iraq	108 200 000	3.08	67.44

12	(10)	Nigeria	104 500 000	2.98	70.41
13	(12)	Kuwait	91 900 000	2.62	73.03
14	(13)	Abu Dhabi (UAE)	90 469 995	2.58	75.61
15	(14)	Indonesia	76 518 810	2.18	77.78
16	(15)	Libya	66 900 000	1.90	79.69
17	(17)	Brazil	56 596 000	1.61	81.30
18	(20)	Argentina	45 700 000	1.30	82.60
19	(19)	Oman	44 500 000	1.27	83.87
20	(18)	Egypt	43 900 000	1.25	85.12
21	(25)	Colombia	38 654 660	1.10	86.22
22	(21)	Algeria	38 100 000	1.08	87.30
23	(24)	Malaysia	37 872 287	1.08	88.38
24	(23)	Angola	37 500 000	1.07	89.45
25	(22)	India	32 893 000	0.94	90.39
26	(29)	Qatar	30 400 000	0.87	91.25
27	(27)	Syria	29 500 000	0.84	92.09
28	(26)	Australia	27 898 000	0.79	92.89
29	(28)	Kazakhstan	25 900 000	0.74	93.62
30	(32)	Yemen, Republic of	19 500 000	0.56	94.18
31	(30)	Ecuador	19 300 000	0.55	94.73
32	(33)	Dubai (UAE)	18 587 625	0.53	95.26
33	(31)	Gabon	17 600 000	0.50	95.76
34	(34)	Denmark	13 830 000	0.39	96.15
35	(38)	Viet Nam	12 500 000	0.36	96.51
36	(35)	Congo	12 000 000	0.34	96.85
37	(36)	Brunei	9 800 000	0.28	97.13
38	(37)	Azerbaijan	9 071 400	0.26	97.39
39	(39)	Uzbekistan	8 103 700	0.23	97.62
40	(41)	Romania	6 600 000	0.19	97.81
41	(45)	Turkmenistan	6 500 000	0.19	97.99
42	(40)	Trinidad and Tobago	6 387 630	0.18	98.17
43	(43)	Italy	5 600 287	0.16	98.33
44	(44)	Papua New Guinea	5 600 000	0.16	98.49
45	(42)	Peru	5 400 000	0.15	98.65
46	(47)	Cameroon	4 000 000	0.11	98.76
47	(48)	Tunisia	3 898 000	0.11	98.87
48	(46)	Ukraine	3 895 000	0.11	98.98
49	(49)	Turkey	3 226 873	0.09	99.07
50	(51)	Germany, Federal Rep.	2 884 110	0.08	99.16
51	(52)	Netherlands	2 700 000	0.08	99.23
52	(53)	Bolivia	2 631 487	0.07	99.31
53	(50)	Pakistan	2 543 174	0.07	99.38
54	(55)	Bahrain	1 966 375	0.06	99.44
55	(59)	Cuba	1 747 310	0.05	99.49
56	(56)	France	1 700 000	0.05	99.53
57	(54)	Belorussia	1 630 000	0.05	99.58
58	(57)	New Zealand	1 550 000	0.04	99.62
59	(60)	Thailand	1 523 846	0.04	99.67
60	(58)	Croatia	1 389 408	0.04	99.71
61	(61)	Hungary	1 241 400	0.04	99.74
62	(62)	Austria	1 014 520	0.03	99.77
63	(64)	Yugoslavia	920 000	0.03	99.80
64	(63)	Zaire	900 000	0.03	99.82
65	(66)	Guatemala	850 000	0.02	99.85
66	(65)	Japan	792 000	0.02	99.87
67	(67)	Myanmar	580 000	0.02	99.89

68	(72)	Spain	535 000	0.02	99.90
69	(68)	Chile	468 693	0.01	99.92
70	(71)	Sharjah (UAE)	395 590	0.01	99.93
71	(76)	Poland	352 000	0.01	99.94
72	(73)	Albania	309 000	0.01	99.95
73	(69)	Greece	293 000	0.01	99.95
74	(74)	Lithuania	275 000	0.01	99.96
75	(70)	Suriname	260 793	0.01	99.97
76	(75)	Equatorial Guinea	203 000	0.01	99.97
77	(77)	Czech Republic	180 000	0.01	99.98
78	(78)	Benin	140 000	0.00	99.98
79	(80)	Kyrgystan	100 000	0.00	99.99
80	(79)	Georgia	100 000	0.00	99.99
81	(81)	Philippines	80 000	0.00	99.99
82	(82)	Bangladesh	65 000	0.00	99.99
83	(84)	Barbados	60 000	0.00	100.00
84	(85)	Ras Al-Khaimah (UAE)	47 414	0.00	100.00
85	(83)	Slovakia	46 000	0.00	100.00
86	(87)	Bulgaria	29 103	0.00	100.00
87	(86)	Tajikistan	25 000	0.00	100.00
88	(88)	Israel	5 829	0.00	100.00
89	(89)	Morocco	3 000	0.00	100.00
90	(90)	Jordan	2 100	0.00	100.00
91	(91)	Slovenia	854	0.00	100.00
		Total	3 512 109 073	100.00	

Oil Shale

Rank 98	Rank 97	Country	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Estonia	12 464 000	84.00	84.00
2	(2)	Russia	2 000 000	13.48	97.48
3	(3)	Germany, Federal Rep.	330 886	2.23	99.71
4	(5)	Italy	22 471	0.15	99.86
5	(4)	France	20 000	0.13	100.00
6	(6)	Austria	432	0.00	100.00
		Total	14 837 789	100.00	

Uranium

Rank 98	Rank 97	C o u n t r y	Production 1998 metr.t	Share in %	cum. sh.
1	(1)	Canada	11 773	31.01	31.01
2	(2)	Australia	5 780	15.23	46.24
3	(3)	Niger	4 400	11.59	57.83
4	(4)	Namibia	3 257	8.58	66.41
5	(5)	Russia	2 358	6.21	72.62
6	(6)	Uzbekistan	2 276	6.00	78.61
7	(7)	United States	2 207	5.81	84.43
8	(9)	Kazakhstan	1 474	3.88	88.31
9	(8)	South Africa, Rep. of	1 138	3.00	91.31
10	(13)	Gabon	861	2.27	93.58
11	(10)	France	554	1.46	95.03
12	(12)	China	500	1.32	96.35
13	(11)	Ukraine	500	1.32	97.67
14	(14)	Spain	351	0.92	98.59
15	(15)	India	200	0.53	99.12
16	(17)	Czech Republic	150	0.40	99.52
17	(16)	Mongolia	100	0.26	99.78
18	(18)	Argentina	35	0.09	99.87
19	(19)	Germany, Federal Rep.	30	0.08	99.95
20	(20)	Portugal	19	0.05	100.00
		Total	37 963	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)

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	40 000	30 000	30 000	25 000	23 000	-42.50	-8.00
Salt	(t)	35 000	35 000	38 000	35 000	30 000	-14.29	-14.29
Sulfur	(t)	110 000	90 000	80 000	80 000	75 000	-31.82	-6.25
Nat.Gas (Mio m3)		19 000	17 500	16 000	16 000	16 500	-13.16	3.13
Oil	(t)	95 400 000	97 797 188	89 478 400	89 313 300	90 469 995	-5.17	1.30

Afghanistan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Chromium	(t)	0	1 764	1 500	1 365	525	.	-61.54
Copper	(t)	0	1 260	1 800	1 065	680	.	-36.15
Baryte	(t)	7 500	6 200	6 000	4 700	3 700	-50.67	-21.28
Fluorspar	(t)	1 200	900	800	560	500	-58.33	-10.71
Gypsum	(t)	105 000	98 000	95 000	74 000	80 000	-23.81	8.11
Salt	(t)	22 500	25 000	28 000	31 500	35 000	55.56	11.11
Hard-Coal	(t)	178 000	167 000	180 000	98 000	105 000	-41.01	7.14
Nat.Gas (Mio m3)		1 200	1 415	1 500	1 000	1 000	-16.67	0.00

Albania

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	7 000	7 000	6 500	6 000	5 500	-21.43	-8.33
Chromium	(t)	11 381	30 892	30 402	22 000	14 000	23.01	-36.36
Bauxite	(t)	3 613	0	0	4 454	4 000	10.71	-10.19
Copper	(t)	8 693	16 664	10 807	870	14 000	61.05	1509.20
Gypsum	(t)	11 479	10 000	2 108	2 000	1 500	-86.93	-25.00
Kaolin	(t)	1 877	1 500	1 300	1 200	1 100	-41.40	-8.33
Salt	(t)	40 000	40 000	35 000	22 732	22 000	-45.00	-3.22
Sulfur	(t)	2 000	2 000	1 500	1 300	1 200	-40.00	-7.69

Lignite	(t)	120 112	80 262	68 936	38 900	33 000	-72.53	-15.17
Nat.Gas	(Mio m3)	52	28	23	18	16	-69.23	-11.11
Oil	(t)	535 345	520 866	488 214	359 700	309 000	-42.28	-14.10

Algeria

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	1 105 380	1 188 000	1 212 300	883 980	1 258 200	13.83	42.33
Cadmium	(t)	59	59	50	50	50	-15.25	0.00
Lead	(t)	700	1 383	1 016	1 342	700	0.00	-47.84
Mercury	(t)	448	295	368	447	414	-7.59	-7.38
Zinc	(t)	3 050	3 874	3 192	3 661	3 200	4.92	-12.59
Silver	(kg)	3 000	2 000	2 000	1 600	1 500	-50.00	-6.25
Baryte	(t)	20 584	29 838	31 348	39 140	45 000	118.62	14.97
Bentonite	(t)	20 215	17 088	19 526	21 617	20 000	-1.06	-7.48
Diatomite	(t)	3 500	3 500	3 000	2 332	2 100	-40.00	-9.95
Feldspar	(t)	6 500	6 000	5 800	5 500	5 000	-23.08	-9.09
Gypsum	(t)	230 000	250 000	240 000	230 000	200 000	-13.04	-13.04
Kaolin	(t)	16 984	24 068	23 417	18 533	32 500	91.36	75.36
Phosphate	(t)	250 920	542 640	357 340	361 420	442 000	76.15	22.30
Salt	(t)	178 000	250 000	220 000	137 310	228 000	28.09	66.05
Sulfur	(t)	25 000	26 000	26 000	25 000	24 500	-2.00	-2.00
Nat.Gas	(Mio m3)	58 000	59 000	60 600	64 000	65 000	12.07	1.56
Oil	(t)	55 900 000	56 600 000	38 100 000	39 500 000	38 100 000	-31.84	-3.54

Angola

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Diam. (Gem)	(c)	1 260 000	2 880 000	3 330 000	4 770 000	2 700 000	114.29	-43.40
Diam. (Ind)	(c)	140 000	320 000	370 000	530 000	300 000	114.29	-43.40
Gypsum	(t)	40 000	35 000	35 000	30 000	27 000	-32.50	-10.00
Salt	(t)	40 000	40 000	30 000	28 000	25 000	-37.50	-10.71
Nat.Gas	(Mio m3)	580	600	500	450	400	-31.03	-11.11
Oil	(t)	26 100 000	32 338 270	36 510 950	37 000 000	37 500 000	43.68	1.35

Argentina

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	28 181	310	0	0	0	-100.00	.
Chromium	(t)	10	0	0	0	0	-100.00	.

Aluminium	(t)	180 000	180 000	170 000	183 700	186 700	3.72	1.63
Cadmium	(t)	68	82	40	45	30	-55.88	-33.33
Copper	(t)	0	0	0	30 000	170 273	.	467.58
Lead	(t)	9 952	10 521	11 272	13 700	15 004	50.76	9.52
Zinc	(t)	26 915	32 104	31 093	33 357	35 560	32.12	6.60
Gold	(kg)	899	837	723	2 500	19 459	2064.52	678.36
Silver	(kg)	38 056	47 787	50 399	52 500	56 600	48.73	7.81
Asbestos	(t)	319	300	446	0	0	-100.00	.
Baryte	(t)	27 952	28 907	14 038	14 000	10 000	-64.22	-28.57
Bentonite	(t)	117 095	113 760	134 588	104 880	105 000	-10.33	0.11
Boron	(t)	215 021	244 933	342 210	422 556	400 000	86.03	-5.34
Diatomite	(t)	6 300	4 928	8 647	9 000	9 500	50.79	5.56
Feldspar	(t)	39 825	36 901	72 539	80 000	82 000	105.90	2.50
Fluorspar	(t)	3 585	5 071	5 666	6 000	12 000	234.73	100.00
Gypsum	(t)	515 269	590 055	633 121	712 935	750 000	45.56	5.20
Kaolin	(t)	50 471	39 860	64 241	65 000	66 000	30.77	1.54
Perlite	(t)	21 200	20 058	21 547	22 000	23 000	8.49	4.55
Salt	(t)	957 000	1 009 297	1 096 321	1 100 000	1 200 000	25.39	9.09
Talc	(t)	16 850	12 474	11 777	11 000	10 000	-40.65	-9.09
Vermiculite	(t)	32	44	0	0	0	-100.00	.
Hard-Coal	(t)	150 000	130 000	240 000	240 000	240 000	60.00	0.00
Nat.Gas (Mio m3)		20 000	20 000	27 300	29 500	30 000	50.00	1.69
Oil	(t)	33 800 000	37 345 486	40 000 000	44 600 000	45 700 000	35.21	2.47
Uranium	(t)	92	68	27	35	35	-61.96	0.00

Armenia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Molybdenum	(t)	500	500	670	680	650	30.00	-4.41
Copper	(t)	5 000	7 000	6 951	6 758	9 158	83.16	35.51
Lead	(t)	50	0	0	0	0	-100.00	.
Zinc	(t)	100	0	557	610	500	400.00	-18.03
Gold	(kg)	500	100	244	850	250	-50.00	-70.59
Baryte	(t)	500	500	400	350	320	-36.00	-8.57
Bentonite	(t)	80 000	80 000	75 000	70 000	65 000	-18.75	-7.14
Diatomite	(t)	800	700	400	400	350	-56.25	-12.50
Perlite	(t)	5 000	5 000	6 000	6 000	5 500	10.00	-8.33
Salt	(t)	24 000	26 000	26 400	26 500	24 911	3.80	-6.00

Australia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	80 950 590	90 049 680	92 698 830	100 583 910	96 997 320	19.82	-3.57
Cobalt	(t)	2 100	2 400	2 500	2 500	2 000	-4.76	-20.00
Manganese	(t)	953 280	1 044 480	1 012 320	1 647 000	1 500 000	57.35	-8.93
Nickel	(t)	82 000	102 000	113 000	134 000	144 000	75.61	7.46

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Tantalum-Col.	(t)	246	275	280	290	300	21.95	3.45
Titanium	(t)	1 176 356	1 279 650	1 287 480	1 472 612	1 538 850	30.81	4.50
Tungsten	(t)	23	0	0	0	0	-100.00	.
Aluminium	(t)	1 318 000	1 297 000	1 371 000	1 589 000	1 626 000	23.37	2.33
Antimony	(t)	1 300	1 700	1 300	1 300	1 800	38.46	38.46
Bauxite	(t)	42 159 000	42 655 000	43 063 000	44 878 000	44 553 000	5.68	-0.72
Cadmium	(t)	910	950	950	632	585	-35.71	-7.44
Copper	(t)	391 000	437 000	525 000	580 000	678 000	73.40	16.90
Lead	(t)	505 000	455 000	522 000	571 000	618 000	22.38	8.23
Lithium	(t)	3 100	6 240	6 500	6 600	7 000	125.81	6.06
Mercury	(t)	5	4	4	0	0	-100.00	.
Rare Earths	(t)	3 300	3 000	2 000	1 000	800	-75.76	-20.00
Tin	(t)	7 400	8 175	8 828	10 100	10 204	37.89	1.03
Zinc	(t)	955 000	930 000	1 071 000	1 038 000	1 059 000	10.89	2.02
Gold	(kg)	255 233	253 500	288 880	316 000	309 000	21.07	-2.22
Platinum	(kg)	540	500	500	450	430	-20.37	-4.44
Silver	(kg)	1 045 000	920 000	1 020 000	1 332 000	1 474 000	41.05	10.66
Baryte	(t)	10 000	11 729	12 000	12 500	13 000	30.00	4.00
Bentonite	(t)	66 000	65 000	65 000	60 000	58 000	-12.12	-3.33
Diam. (Gem)	(c)	17 516 000	16 157 200	16 797 200	17 218 400	16 337 200	-6.73	-5.12
Diam. (Ind)	(c)	26 274 000	24 235 800	25 195 800	25 827 600	24 505 800	-6.73	-5.12
Diatomite	(t)	12 000	12 000	11 000	10 000	9 800	-18.33	-2.00
Feldspar	(t)	23 500	23 500	24 000	23 500	23 200	-1.28	-1.28
Gypsum	(t)	2 000 000	2 100 000	2 100 000	2 000 000	2 200 000	10.00	10.00
Kaolin	(t)	240 000	200 000	190 000	170 000	220 000	-8.33	29.41
Magnesite	(t)	289 071	261 421	180 083	333 668	360 787	24.81	8.13
Perlite	(t)	3 600	3 600	3 500	3 400	3 200	-11.11	-5.88
Phosphate	(t)	1 000	800	1 864	1 970	1 855	85.50	-5.84
Salt	(t)	8 137 000	8 480 000	7 905 000	9 043 000	8 877 000	9.09	-1.84
Sulfur	(t)	500 000	450 000	400 000	350 000	330 000	-34.00	-5.71
Talc	(t)	170 000	170 000	165 000	160 000	158 000	-7.06	-1.25
Vermiculite	(t)	200	200	400	400	700	250.00	75.00
Zircon	(t)	511 000	510 000	462 000	427 000	393 000	-23.09	-7.96
Hard-Coal	(t)	228 014 000	229 500 000	206 000 000	222 000 000	282 000 000	23.68	27.03
Lignite	(t)	48 682 000	48 100 000	55 000 000	61 000 000	60 000 000	23.25	-1.64
Nat.Gas (Mio m3)		28 147	29 718	29 799	30 619	30 681	9.00	0.20
Oil	(t)	31 247 200	29 383 000	31 579 000	33 947 000	27 898 000	-10.72	-17.82
Uranium	(t)	2 604	4 378	5 831	5 797	5 780	121.97	-0.29

Austria

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	519 137	664 455	634 226	574 121	573 440	10.46	-0.12
Tungsten	(t)	0	957	1 805	1 916	1 813	.	-5.38
Feldspar	(t)	4 883	0	0	0	0	-100.00	.
Graphite	(t)	12 324	12 019	33 122	12 582	10 738	-12.87	-14.66
Gypsum	(t)	1 060 469	958 430	996 387	975 738	961 400	-9.34	-1.47
Kaolin	(t)	468 873	426 553	189 235	266 058	298 110	-36.42	12.05

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Magnesite	(t)	681 375	783 497	710 620	790 297	722 876	6.09	-8.53
Salt	(t)	742 550	787 392	776 041	704 764	735 468	-0.95	4.36
Sulfur	(t)	9 266	10 340	3 122	11 098	10 045	8.41	-9.49
Talc	(t)	130 602	131 614	152 645	141 984	137 114	4.99	-3.43
Lignite	(t)	1 368 717	1 249 299	1 108 058	1 130 339	1 140 151	-16.70	0.87
Nat.Gas (Mio m3)		1 355	1 482	1 492	1 428	1 568	15.72	9.80
Oil	(t)	1 145 322	1 076 987	1 024 843	1 011 063	1 014 520	-11.42	0.34
Oil-Shale	(t)	330	498	500	520	432	30.91	-16.92

Remarks:
Oil incl.condensate

Azerbaijan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	300 000	0	0	0	11 000	-96.33	.
Aluminium	(t)	4 000	4 000	6 000	4 717	4 757	18.93	0.85
Gypsum	(t)	60 000	55 000	50 000	45 000	43 000	-28.33	-4.44
Potash	(t)	40 000	50 000	50 000	50 000	45 000	12.50	-10.00
Salt	(t)	30 000	30 000	25 000	23 000	25 400	-15.33	10.43
Nat.Gas (Mio m3)		5 571	6 644	6 337	5 964	5 963	7.04	-0.02
Oil	(t)	8 881 240	9 161 300	9 069 687	9 027 000	9 071 400	2.14	0.49

Bahamas

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Salt	(t)	850 000	850 000	800 000	750 000	730 000	-14.12	-2.67

Bahrain

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Aluminium	(t)	449 419	460 000	460 000	489 900	460 000	2.35	-6.10
Sulfur	(t)	27 247	41 513	40 000	40 000	41 000	50.48	2.50
Nat.Gas (Mio m3)		9 947	10 054	5 880	5 800	5 700	-42.70	-1.72
Oil	(t)	2 200 000	1 971 295	1 900 000	1 800 000	1 966 375	-10.62	9.24

Bangladesh

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Kaolin	(t)	3 283	3 300	3 500	3 800	3 700	12.70	-2.63
Salt	(t)	700 000	650 000	620 000	600 000	580 000	-17.14	-3.33

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

Nat.Gas (Mio m3)	7 004	7 000	7 875	9 000	9 000	28.50	0.00
Oil (t)	52 000	52 000	68 000	69 000	65 000	25.00	-5.80

Remarks:
Crude oil incl. condensate

Barbados

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Nat.Gas (Mio m3)	28	29	29	23	26	-7.14	13.04
Oil (t)	61 666	62 000	62 000	53 140	60 000	-2.70	12.91

Belgium

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Baryte (t)	50 000	50 000	50 000	45 000	42 000	-16.00	-6.67
Kaolin (t)	45 000	45 000	45 000	40 000	38 000	-15.56	-5.00

Belorussia

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Potash (t)	3 200 000	4 000 000	4 600 000	5 479 000	5 754 000	79.81	5.02
Salt (t)	280 000	285 000	290 000	235 000	290 000	3.57	23.40
Nat.Gas (Mio m3)	270	280	249	245	252	-6.67	2.86
Oil (t)	2 000 000	2 000 000	1 860 000	1 822 000	1 630 000	-18.50	-10.54

Benin

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Salt (t)	100	90	80	70	70	-30.00	0.00
Oil (t)	156 478	160 000	155 000	150 000	140 000	-10.53	-6.67

Bhutan

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum (t)	45 100	45 000	66 602	67 000	67 000	48.56	0.00
Hard-Coal (t)	55 010	55 000	63 865	64 000	63 000	14.52	-1.56

Bolivia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	35 400	0	0	0	0	-100.00	.
Tantalum-Col.	(t)	2	6	6	7	16	700.00	128.57
Tungsten	(t)	582	826	733	647	627	7.73	-3.09
Antimony	(t)	7 050	6 426	6 488	5 985	4 735	-32.84	-20.89
Arsenic	(t)	341	362	255	282	284	-16.72	0.71
Bismuth	(t)	0	19	0	55	0	.	-100.00
Cadmium	(t)	3	0	0	0	0	-100.00	.
Copper	(t)	79	127	92	182	84	6.33	-53.85
Lead	(t)	19 678	20 387	16 538	18 608	13 848	-29.63	-25.58
Tin	(t)	16 027	14 419	14 802	12 898	11 308	-29.44	-12.33
Zinc	(t)	100 742	146 130	145 092	154 491	152 110	50.99	-1.54
Gold	(kg)	13 000	14 405	12 634	13 290	14 443	11.10	8.68
Silver	(kg)	352 000	425 053	384 384	387 200	403 961	14.76	4.33
Baryte	(t)	3 307	4 000	4 745	4 402	2 500	-24.40	-43.21
Bentonite	(t)	0	3 855	98	1 997	1 334	.	-33.20
Boron	(t)	6 836	5 400	4 128	6 095	7 026	2.78	15.27
Gypsum	(t)	532	500	192	20	0	-100.00	-100.00
Salt	(t)	150	200	273	869	4 562	2941.33	424.97
Sulfur	(t)	252	0	0	0	0	-100.00	.
Nat.Gas (Mio m3)		3 160	3 155	3 220	5 321	6 234	97.28	17.16
Oil	(t)	1 200 000	1 616 914	1 720 690	1 902 536	2 631 487	119.29	38.31

Bosnia-Herzegovina

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
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Remarks:
No data available.

Botswana

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Cobalt	(t)	223	271	405	348	352	57.85	1.15
Nickel	(t)	17 468	15 294	17 461	14 996	19 432	11.24	29.58
Copper	(t)	21 563	19 140	20 979	18 350	15 593	-27.69	-15.02
Gold	(kg)	234	86	5	28	0	-100.00	-100.00
Diam. (Gem)	(c)	10 883 040	11 761 707	12 436 943	14 070 000	13 841 100	27.18	-1.63
Diam. (Ind)	(c)	4 664 160	5 040 731	5 312 119	6 030 000	5 931 900	27.18	-1.63
Salt	(t)	186 000	208 126	180 000	184 533	214 700	15.43	16.35
Hard-Coal	(t)	900 000	898 383	860 000	776 917	800 000	-11.11	2.97

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Brazil

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	97 440 000	107 880 000	110 780 000	108 286 000	120 060 000	23.21	10.87
Chromium	(t)	149 000	175 667	216 600	112 274	90 000	-39.60	-19.84
Manganese	(t)	840 000	840 000	852 000	849 600	872 000	3.81	2.64
Nickel	(t)	16 508	15 676	16 432	18 199	26 350	59.62	44.79
Tantalum-Col.	(t)	31 625	42 968	48 000	45 385	49 470	56.43	9.00
Titanium	(t)	54 528	57 113	60 000	54 216	53 000	-2.80	-2.24
Tungsten	(t)	90	100	100	51	0	-100.00	-100.00
Aluminium	(t)	1 185 000	1 180 000	1 200 000	1 189 000	1 210 000	2.11	1.77
Bauxite	(t)	8 673 000	8 673 000	12 260 000	11 671 000	13 500 000	55.66	15.67
Cadmium	(t)	135	162	150	162	162	20.00	0.00
Copper	(t)	39 674	49 000	46 200	39 952	33 500	-15.56	-16.15
Lead	(t)	4 000	6 000	5 000	8 729	7 600	90.00	-12.93
Lithium	(t)	90	32	32	30	25	-72.22	-16.67
Rare Earths	(t)	800	400	200	400	400	-50.00	0.00
Tin	(t)	16 900	20 767	23 178	18 291	14 607	-13.57	-20.14
Zinc	(t)	187 304	193 976	177 466	152 634	140 000	-25.26	-8.28
Gold	(kg)	71 000	63 299	57 000	58 488	49 000	-30.99	-16.22
Silver	(kg)	50 400	49 775	50 000	26 598	25 000	-50.40	-6.01
Asbestos	(t)	191 900	208 700	213 210	208 447	198 300	3.34	-4.87
Baryte	(t)	45 000	45 000	40 000	51 961	52 000	15.56	0.08
Bentonite	(t)	160 000	155 000	150 000	224 055	230 000	43.75	2.65
Diam. (Gem)	(c)	240 000	104 500	98 000	70 000	63 000	-73.75	-10.00
Diam. (Ind)	(c)	60 000	45 000	42 000	30 000	27 000	-55.00	-10.00
Diatomite	(t)	17 017	14 049	14 000	13 500	13 000	-23.61	-3.70
Feldspar	(t)	140 000	145 000	145 000	135 000	130 000	-7.14	-3.70
Fluorspar	(t)	81 000	81 000	77 700	78 399	65 000	-19.75	-17.09
Graphite	(t)	29 000	37 000	32 000	31 190	30 000	3.45	-3.82
Gypsum	(t)	789 000	789 000	1 200 000	1 395 664	1 220 000	54.63	-12.59
Kaolin	(t)	953 000	1 000 000	1 110 000	1 280 000	1 380 000	44.81	7.81
Magnesite	(t)	279 600	282 000	302 700	294 629	292 000	4.43	-0.89
Phosphate	(t)	1 201 220	1 220 600	1 298 800	1 510 000	1 502 800	25.11	-0.48
Potash	(t)	255 000	215 411	235 000	280 164	326 000	27.84	16.36
Salt	(t)	5 300 000	6 100 000	5 500 000	6 516 000	7 000 000	32.08	7.43
Sulfur	(t)	250 000	256 755	230 000	234 707	460 000	84.00	95.99
Talc	(t)	440 000	440 000	470 000	452 000	450 000	2.27	-0.44
Vermiculite	(t)	46 000	46 000	42 000	23 000	20 500	-55.43	-10.87
Zircon	(t)	24 000	15 000	17 000	16 000	15 000	-37.50	-6.25
Hard-Coal	(t)	4 911 000	5 510 000	5 400 000	5 600 000	5 560 000	13.22	-0.71
Nat.Gas (Mio m3)		7 508	8 115	9 182	9 847	10 833	44.29	10.01
Oil	(t)	40 182 000	40 880 000	51 600 000	56 000 000	56 596 000	40.85	1.06
Uranium	(t)	95	103	147	0	0	-100.00	.

Brunei

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Nat.Gas (Mio m3)	8 400	11 150	12 000	9 400	9 400	11.90	0.00
Oil (t)	8 866 945	8 731 541	9 400 000	9 900 000	9 800 000	10.52	-1.01

Bulgaria

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron (t)	197 456	215 945	222 424	260 550	185 039	-6.29	-28.98
Manganese (t)	3 000	5 600	13 059	14 215	16 679	455.97	17.33
Cadmium (t)	159	305	350	275	264	66.04	-4.00
Copper (t)	75 500	90 000	105 610	109 240	87 500	15.89	-19.90
Lead (t)	49 341	46 466	43 000	41 269	34 595	-29.89	-16.17
Zinc (t)	32 407	30 000	25 745	25 700	16 000	-50.63	-37.74
Gold (kg)	242	828	649	1 020	1 213	401.24	18.92
Silver (kg)	65 000	47 972	48 732	31 548	23 700	-63.54	-24.88
Asbestos (t)	1 400	900	1 000	800	672	-52.00	-16.00
Baryte (t)	40 000	66 633	30 357	92 710	120 000	200.00	29.44
Gypsum (t)	159 601	162 595	168 948	156 263	183 929	15.24	17.70
Kaolin (t)	145 262	168 455	188 795	158 185	151 451	4.26	-4.26
Salt (t)	120 000	110 000	100 000	85 000	73 742	-38.55	-13.24
Sulfur (t)	15 000	25 301	26 624	25 033	21 535	43.57	-13.97
Hard-Coal (t)	29 386	24 471	18 805	14 198	13 192	-55.11	-7.09
Lignite (t)	25 429 000	27 448 896	28 103 868	26 929 000	27 116 947	6.64	0.70
Nat.Gas (Mio m3)	50	43	42	38	13	-74.00	-65.79
Oil (t)	36 000	27 346	33 900	27 750	29 103	-19.16	4.88

Burkina Faso

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold (kg)	2 000	1 422	1 012	1 450	1 500	-25.00	3.45
Phosphate (t)	300	250	250	200	180	-40.00	-10.00

Burundi

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold (kg)	33	35	35	33	30	-9.09	-9.09
Kaolin (t)	5 000	4 000	4 000	3 500	3 200	-36.00	-8.57

Cambodia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Phosphate	(t)	1 500	1 200	1 000	1 000	1 000	-33.33	0.00
Salt	(t)	40 000	38 000	35 000	93 500	100 000	150.00	6.95

Cameroon

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Aluminium	(t)	78 000	79 300	82 300	90 900	82 000	5.13	-9.79
Oil	(t)	5 998 228	4 329 156	4 300 000	4 100 000	4 000 000	-33.31	-2.44

Canada

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	22 329 660	22 343 080	21 965 400	22 744 000	23 774 000	6.47	4.53
Cobalt	(t)	2 692	2 016	2 190	2 200	2 324	-13.67	5.64
Molybdenum	(t)	9 541	9 113	8 169	7 540	7 563	-20.73	0.31
Nickel	(t)	105 144	119 600	127 439	180 600	200 908	91.08	11.24
Tantalum-Col.	(t)	5 700	5 700	5 000	4 500	2 200	-61.40	-51.11
Titanium	(t)	752 400	750 000	700 000	650 000	630 000	-16.27	-3.08
Aluminium	(t)	2 254 683	2 171 992	2 283 000	2 327 200	2 374 100	5.30	2.02
Antimony	(t)	643	574	1 405	652	554	-13.84	-15.03
Bismuth	(t)	152	159	157	185	217	42.76	17.30
Cadmium	(t)	2 173	1 686	2 537	2 384	1 323	-39.12	-44.51
Copper	(t)	549 869	700 843	559 902	646 500	688 576	25.23	6.51
Lead	(t)	251 640	281 391	246 000	170 400	151 708	-39.71	-10.97
Lithium	(t)	450	400	660	690	700	55.56	1.45
Tellurium	(t)	30	91	62	60	57	90.00	-5.00
Zinc	(t)	690 965	720 346	717 675	1 017 100	1 064 500	54.06	4.66
Gold	(kg)	145 980	150 867	164 136	169 050	166 089	13.78	-1.75
Platinum	(kg)	14 313	10 068	14 983	13 009	14 522	1.46	11.63
Silver	(kg)	774 506	1 228 000	1 305 000	1 213 000	1 115 000	43.96	-8.08
Asbestos	(t)	518 000	516 000	483 000	447 000	309 000	-40.35	-30.87
Baryte	(t)	61 000	61 000	57 000	98 000	80 000	31.15	-18.37
Diatomite	(t)	5 000	5 000	4 500	4 000	3 500	-30.00	-12.50
Graphite	(t)	23 000	20 000	20 000	22 000	22 000	-4.35	0.00
Gypsum	(t)	8 499 000	8 055 000	8 468 000	8 502 600	8 095 000	-4.75	-4.79
Magnesite	(t)	300 000	200 000	200 000	150 000	200 000	-33.33	33.33
Potash	(t)	8 037 000	8 855 000	8 050 000	9 301 000	8 969 000	11.60	-3.57
Salt	(t)	11 497 000	10 957 000	12 126 000	13 264 300	13 192 000	14.74	-0.55
Sulfur	(t)	8 154 000	9 014 000	8 131 000	8 502 600	8 410 000	3.14	-1.09
Talc	(t)	130 000	75 000	75 000	70 000	74 000	-43.08	5.71

Hard-Coal	(t)	62 123 648	63 123 648	66 000 000	68 470 000	63 590 000	2.36	-7.13
Lignite	(t)	10 684 628	10 968 897	10 838 575	11 652 553	11 790 000	10.35	1.18
Nat.Gas (Mio m3)		143 000	148 203	152 985	156 842	161 000	12.59	2.65
Oil	(t)	104 600 000	114 372 000	116 832 000	122 463 700	128 769 000	23.11	5.15
Uranium	(t)	9 719	10 238	11 723	11 416	11 773	21.13	3.13

Cape Verde

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Salt	(t)	1 200	1 100	1 000	1 000	900	-25.00	-10.00

Central African Rep.

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	100	100	120	190	100	0.00	-47.37
Diam. (Gem)	(c)	382 500	450 500	467 500	425 000	425 000	11.11	0.00
Diam. (Ind)	(c)	67 500	79 500	82 500	75 000	75 000	11.11	0.00

Chile

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	5 272 758	5 142 300	5 539 471	5 330 180	5 681 224	7.75	6.59
Manganese	(t)	19 026	20 188	18 866	19 102	14 345	-24.60	-24.90
Molybdenum	(t)	15 949	17 885	17 414	21 339	16 977	6.45	-20.44
Arsenic	(t)	6 000	6 000	6 500	9 000	11 355	89.25	26.17
Copper	(t)	2 219 900	2 504 000	3 144 200	3 438 000	3 763 994	69.56	9.48
Lead	(t)	500	944	1 374	1 264	337	-32.60	-73.34
Lithium	(t)	4 220	4 220	5 733	9 803	11 473	171.87	17.04
Zinc	(t)	15 360	16 993	17 282	16 005	15 943	3.80	-0.39
Gold	(kg)	38 626	44 585	53 174	49 459	44 980	16.45	-9.06
Silver	(kg)	982 750	1 041 097	1 147 000	1 191 311	1 340 199	36.37	12.50
Baryte	(t)	3 661	3 080	2 559	2 654	1 430	-60.94	-46.12
Bentonite	(t)	900	684	1 191	717	721	-19.89	0.56
Boron	(t)	79 083	80 000	90 000	170 605	280 140	254.24	64.20
Diatomite	(t)	10 129	11 451	11 592	11 825	14 868	46.79	25.73
Feldspar	(t)	9 667	7 293	3 702	3 808	1 460	-84.90	-61.66
Gypsum	(t)	551 821	464 060	520 089	398 354	780 676	41.47	95.98
Kaolin	(t)	73 081	10 845	13 452	14 238	11 530	-84.22	-19.02
Phosphate	(t)	2 508	2 500	2 000	1 800	3 917	56.18	117.61
Potash	(t)	55 000	65 000	112 770	148 050	151 200	174.91	2.13
Salt	(t)	3 177 898	3 000 000	3 200 000	5 488 135	6 207 266	95.33	13.10
Sulfur	(t)	1 000	2 488	0	0	0	-100.00	.
Talc	(t)	5 375	4 107	4 276	3 986	3 772	-29.82	-5.37

Hard-Coal (t)	1 670 000	1 484 870	1 444 100	1 413 000	1 400 000	-16.17	-0.92
Nat.Gas (Mio m3)	4 240	3 783	3 632	3 211	3 218	-24.10	0.22
Oil (t)	714 088	605 100	532 700	489 043	468 693	-34.36	-4.16

China

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron (t)	74 880 000	79 680 000	80 000 000	79 680 000	67 200 000	-10.26	-15.66	
Chromium (t)	32 000	80 000	80 000	75 000	70 000	118.75	-6.67	
Cobalt (t)	300	250	400	450	600	100.00	33.33	
Manganese (t)	952 000	1 180 000	1 000 000	1 200 000	1 500 000	57.56	25.00	
Molybdenum (t)	18 667	17 500	18 000	25 000	30 000	60.71	20.00	
Nickel (t)	31 200	36 000	43 000	39 900	48 100	54.17	20.55	
Titanium (t)	78 000	80 000	80 000	100 000	110 000	41.03	10.00	
Tungsten (t)	16 000	20 000	26 000	25 000	24 000	50.00	-4.00	
Vanadium (t)	8 500	5 000	5 500	7 000	7 500	-11.76	7.14	
Aluminium (t)	1 446 000	1 870 000	1 780 000	2 050 000	2 435 300	68.42	18.80	
Antimony (t)	91 000	91 000	99 000	101 000	80 000	-12.09	-20.79	
Arsenic (t)	13 000	13 000	13 000	15 000	17 000	30.77	13.33	
Bauxite (t)	3 700 000	4 500 000	5 500 000	8 000 000	8 500 000	129.73	6.25	
Bismuth (t)	200	400	500	600	650	225.00	8.33	
Cadmium (t)	1 460	1 296	1 567	1 982	1 982	35.75	0.00	
Copper (t)	345 700	350 000	400 000	435 000	476 000	37.69	9.43	
Gallium (t)	8	2	2	5	6	-25.00	20.00	
Germanium (t)	6	8	8	9	10	66.67	11.11	
Lead (t)	461 900	519 800	643 100	711 900	711 900	54.12	0.00	
Lithium (t)	1 000	900	800	750	730	-27.00	-2.67	
Mercury (t)	510	547	510	830	600	17.65	-27.71	
Rare Earths (t)	29 000	30 000	55 000	53 300	50 000	72.41	-6.19	
Tin (t)	54 100	61 900	69 600	67 500	79 500	46.95	17.78	
Zinc (t)	755 000	1 077 000	1 119 000	1 209 900	1 209 800	60.24	-0.01	
Gold (kg)	130 000	160 000	145 000	156 800	161 000	23.85	2.68	
Silver (kg)	815 000	918 000	918 000	918 000	918 000	12.64	0.00	
Asbestos (t)	240 000	263 000	293 000	245 000	250 000	4.17	2.04	
Baryte (t)	1 800 000	1 500 000	2 500 000	3 500 000	3 200 000	77.78	-8.57	
Boron (t)	30 000	40 000	40 000	60 000	65 000	116.67	8.33	
Diam. (Gem) (c)	47 800	50 000	18 000	35 800	36 000	-24.69	0.56	
Diam. (Ind) (c)	191 200	200 000	72 000	143 200	144 000	-24.69	0.56	
Fluorspar (t)	2 400 000	2 000 000	2 000 000	2 400 000	2 550 000	6.25	6.25	
Graphite (t)	500 000	320 000	350 000	250 000	300 000	-40.00	20.00	
Gypsum (t)	11 000 000	7 340 000	7 500 000	7 300 000	7 900 000	-28.18	8.22	
Kaolin (t)	700 000	900 000	950 000	970 000	1 000 000	42.86	3.09	
Magnesite (t)	1 500 000	1 500 000	2 200 000	2 400 000	2 200 000	46.67	-8.33	
Phosphate (t)	25 617 000	26 800 000	31 040 200	30 365 000	30 980 000	20.94	2.03	
Potash (t)	60 000	90 000	80 000	100 000	150 000	150.00	50.00	
Salt (t)	32 000 000	24 900 000	28 990 000	29 280 600	22 420 000	-29.94	-23.43	
Sulfur (t)	5 400 000	5 400 000	5 470 000	6 000 000	6 000 000	11.11	0.00	
Talc (t)	2 700 000	2 400 000	2 500 000	2 350 000	2 200 000	-18.52	-6.38	
Zircon (t)	10 000	15 000	15 000	15 000	13 000	30.00	-13.33	

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Hard-Coal	(t)	1 150 400 000	1 360 000 000	1 400 000 000	1 360 000 000	1 285 500 000	11.74	-5.48
Lignite	(t)	41 730 000	44 600 000	45 000 000	30 000 000	50 000 000	19.82	66.67
Nat.Gas (Mio m3)		16 600	18 000	19 000	24 000	23 000	38.55	-4.17
Oil	(t)	146 000 000	149 000 000	156 000 000	162 000 000	162 600 000	11.37	0.37
Uranium	(t)	780	780	500	500	500	-35.90	0.00

Christmas Island

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Phosphate	(t)	90 000	100 000	163 200	164 000	207 120	130.13	26.29

Colombia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	365 800	350 000	382 632	442 474	315 714	-13.69	-28.65
Manganese	(t)	160	150	140	130	120	-25.00	-7.69
Nickel	(t)	20 840	24 567	21 092	24 774	28 140	35.03	13.59
Bauxite	(t)	1 800	2 000	2 000	1 500	1 000	-44.44	-33.33
Copper	(t)	3 568	3 500	3 000	2 520	2 693	-24.52	6.87
Lead	(t)	188	200	200	200	514	173.40	157.00
Gold	(kg)	20 760	22 436	22 064	19 111	18 811	-9.39	-1.57
Platinum	(kg)	1 084	1 025	669	413	411	-62.08	-0.48
Silver	(kg)	5 898	5 348	5 691	3 566	5 218	-11.53	46.33
Asbestos	(t)	12 880	12 000	11 000	13 670	14 000	8.70	2.41
Baryte	(t)	7 000	6 000	6 800	1 000	1 500	-78.57	50.00
Bentonite	(t)	3 300	3 000	2 500	8 640	9 000	172.73	4.17
Feldspar	(t)	76 188	58 100	78 093	66 845	68 000	-10.75	1.73
Fluorspar	(t)	800	800	700	1 000	900	12.50	-10.00
Gypsum	(t)	450 000	450 000	522 236	565 000	700 000	55.56	23.89
Kaolin	(t)	1 340 000	1 000 000	900 000	800 000	700 000	-47.76	-12.50
Magnesite	(t)	10 747	10 000	9 000	8 500	7 500	-30.21	-11.76
Phosphate	(t)	9 621	9 000	14 200	13 000	15 000	55.91	15.38
Salt	(t)	210 000	200 000	320 000	373 000	496 103	136.24	33.00
Sulfur	(t)	53 357	60 000	49 400	53 541	55 000	3.08	2.73
Talc	(t)	18 000	18 000	14 800	15 000	15 500	-13.89	3.33
Hard-Coal	(t)	22 527 000	26 020 000	30 065 000	32 592 000	34 000 000	50.93	4.32
Nat.Gas (Mio m3)		4 500	4 500	4 800	5 800	6 000	33.33	3.45
Oil	(t)	23 735 118	31 587 188	32 596 919	34 700 000	38 654 660	62.86	11.40

Congo

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Oil	(t)	9 500 000	8 971 262	10 536 017	11 000 000	12 000 000	26.32	9.09

Costa Rica

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	280	500	400	487	387	38.21	-20.53
Diatomite	(t)	12 000	11 500	11 500	11 000	10 500	-12.50	-4.55
Salt	(t)	25 000	25 000	25 000	20 000	18 000	-28.00	-10.00

Cote d'Ivoire

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	1 800	1 940	1 883	1 419	1 400	-22.22	-1.34
Diam. (Gem)	(c)	12 000	12 000	11 200	16 000	14 400	20.00	-10.00
Diam. (Ind)	(c)	3 000	3 000	2 800	4 000	3 600	20.00	-10.00

Croatia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Bauxite	(t)	7 200	11 700	7 000	8 000	5 000	-30.56	-37.50
Bentonite	(t)	8 200	10 300	8 400	4 600	3 500	-57.32	-23.91
Gypsum	(t)	81 000	110 000	87 000	80 000	105 000	29.63	31.25
Salt	(t)	29 300	22 800	17 500	16 600	24 000	-18.09	44.58
Hard-Coal	(t)	96 000	75 000	64 000	48 500	51 000	-46.88	5.15
Lignite	(t)	7 000	7 000	2 000	0	0	-100.00	.
Nat.Gas (Mio m3)		1 800	1 966	1 957	1 717	1 573	-12.61	-8.39
Oil	(t)	1 800 000	1 500 271	1 600 000	1 496 000	1 389 408	-22.81	-7.13

Cuba

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Chromium	(t)	14 850	10 131	12 309	14 553	17 000	14.48	16.81
Cobalt	(t)	1 500	2 045	1 600	1 950	2 000	33.33	2.56
Nickel	(t)	26 700	42 696	53 700	61 500	67 700	153.56	10.08
Copper	(t)	2 000	1 852	2 227	2 212	1 000	-50.00	-54.79
Gold	(kg)	0	0	0	0	300	.	.
Feldspar	(t)	3 400	9 300	12 100	14 700	16 000	370.59	8.84
Kaolin	(t)	4 200	5 200	5 500	11 500	13 000	209.52	13.04
Salt	(t)	159 400	154 500	159 800	166 300	175 000	9.79	5.23
Sulfur	(t)	100	0	0	0	0	-100.00	.
Nat.Gas (Mio m3)		20	17	19	37	40	100.00	8.11
Oil	(t)	1 200 000	1 470 800	1 475 900	1 461 500	1 747 310	45.61	19.56

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Cyprus

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Copper	(t)	0	0	1 688	3 950	5 000	.	26.58
Bentonite	(t)	46 530	51 234	66 200	98 700	170 000	265.36	72.24
Gypsum	(t)	89 460	148 275	94 000	236 200	350 000	291.24	48.18

Remarks:

1997 : Bentonite and gypsum:exports

Czech Republic

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Zinc	(t)	100	0	0	0	0	-100.00	.
Gold	(kg)	75	0	0	0	0	-100.00	.
Silver	(kg)	100	0	0	0	0	-100.00	.
Bentonite	(t)	65 000	54 000	59 000	83 000	125 000	92.31	50.60
Diatomite	(t)	40 000	29 000	35 000	39 000	18 000	-55.00	-53.85
Feldspar	(t)	170 000	183 000	211 000	220 400	199 000	17.06	-9.71
Fluorspar	(t)	10 000	0	0	0	0	-100.00	.
Graphite	(t)	25 000	27 000	30 000	26 200	24 000	-4.00	-8.40
Gypsum	(t)	591 000	542 000	443 000	233 000	258 000	-56.35	10.73
Kaolin	(t)	652 000	546 000	545 610	773 495	587 730	-9.86	-24.02
Hard-Coal	(t)	20 910 000	21 309 000	16 394 000	16 038 000	15 863 000	-24.14	-1.09
Lignite	(t)	60 728 000	58 773 000	56 366 000	53 825 000	48 619 000	-19.94	-9.67
Nat.Gas (Mio m3)		154	165	251	229	240	55.84	4.80
Oil	(t)	131 000	149 000	152 800	159 000	180 000	37.40	13.21
Uranium	(t)	633	721	716	140	150	-76.30	7.14

DPR Korea

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	4 500 000	4 000 000	3 800 000	3 700 000	3 500 000	-22.22	-5.41
Tungsten	(t)	800	600	500	450	400	-50.00	-11.11
Cadmium	(t)	200	200	150	204	204	2.00	0.00
Copper	(t)	12 000	12 000	10 000	12 000	12 000	0.00	0.00
Lead	(t)	40 000	35 000	35 000	30 000	25 000	-37.50	-16.67
Rare Earths	(t)	1 500	1 000	900	800	700	-53.33	-12.50
Zinc	(t)	90 000	90 000	80 000	60 000	48 000	-46.67	-20.00
Gold	(kg)	4 500	4 000	4 000	3 800	3 500	-22.22	-7.89
Silver	(kg)	200 000	200 000	180 000	200 400	200 400	0.20	0.00

Baryte	(t)	30 000	30 000	50 000	60 000	100 000	233.33	66.67
Fluorspar	(t)	40 000	40 000	35 000	33 000	30 000	-25.00	-9.09
Graphite	(t)	35 000	30 000	30 000	30 000	28 000	-20.00	-6.67
Magnesite	(t)	1 600 000	1 500 000	1 600 000	1 700 000	800 000	-50.00	-52.94
Phosphate	(t)	130 000	130 000	200 000	220 000	155 000	19.23	-29.55
Salt	(t)	560 000	500 000	480 000	460 000	450 000	-19.64	-2.17
Sulfur	(t)	160 000	150 000	140 000	130 000	120 000	-25.00	-7.69
Talc	(t)	120 000	100 000	110 000	120 000	100 000	-16.67	-16.67
Hard-Coal	(t)	41 000 000	40 000 000	43 300 000	60 000 000	60 000 000	46.34	0.00
Lignite	(t)	14 000 000	10 000 000	13 000 000	16 000 000	15 000 000	7.14	-6.25

Denmark

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Salt	(t)	625 076	579 324	590 000	540 000	455 295	-27.16	-15.69
Nat.Gas (Mio m3)		4 300	6 321	5 710	7 000	6 630	54.19	-5.29
Oil	(t)	10 730 000	10 788 432	10 290 000	13 400 000	13 830 000	28.89	3.21

Dominican Republic

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Nickel	(t)	30 562	30 890	30 387	32 500	25 200	-17.54	-22.46
Gold	(kg)	1 599	3 340	3 717	2 390	2 300	43.84	-3.77
Silver	(kg)	9 290	21 402	17 292	12 400	7 400	-20.34	-40.32
Gypsum	(t)	93 314	95 168	86 848	86 000	87 000	-6.77	1.16
Salt	(t)	10 000	10 000	10 000	9 000	8 500	-15.00	-5.56

Remarks:

Nickel refers to Ni content in FeNi!

Dubai (UAE)

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Aluminium	(t)	230 000	247 000	135 000	250 000	250 000	8.70	0.00
Nat.Gas (Mio m3)		4 100	3 000	2 500	2 500	2 400	-41.46	-4.00
Oil	(t)	19 600 000	16 169 135	18 383 800	18 350 000	18 587 625	-5.17	1.29

Ecuador

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	1 182	1 011	1 200	3 068	1 727	46.11	-43.71
Baryte	(t)	2 600	2 500	2 000	1 800	1 700	-34.62	-5.56
Bentonite	(t)	1 118	511	432	205	200	-82.11	-2.44
Feldspar	(t)	5 692	10 297	10 321	60 328	21 265	273.59	-64.75
Gypsum	(t)	0	2 430	2 038	1 510	2 378	.	57.48
Kaolin	(t)	6 622	4 505	8 654	7 346	7 000	5.71	-4.71
Sulfur	(t)	14 000	13 500	13 000	12 500	12 000	-14.29	-4.00
Nat.Gas (Mio m3)		3 000	3 000	3 200	3 500	3 000	0.00	-14.29
Oil	(t)	19 000 000	20 081 023	20 100 000	19 300 000	19 300 000	1.58	0.00

Remarks:

1994 : The largest official gold producer has been closed at the end of 1994

Egypt

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	1 741 050	1 094 944	1 000 000	1 233 000	1 350 639	-22.42	9.54
Manganese	(t)	0	1 207	1 300	1 500	1 600	.	6.67
Titanium	(t)	2 000	9 329	1 300	18 000	20 410	920.50	13.39
Aluminium	(t)	188 464	180 300	179 200	178 200	187 200	-0.67	5.05
Asbestos	(t)	514	391	427	1 836	2 000	289.11	8.93
Baryte	(t)	419	535	550	0	0	-100.00	.
Bentonite	(t)	2 379	4 423	4 500	1 136	1 545	-35.06	36.00
Feldspar	(t)	39 745	36 342	75 049	53 783	32 565	-18.07	-39.45
Fluorspar	(t)	514	321	300	280	140	-72.76	-50.00
Gypsum	(t)	1 200 000	2 031 836	2 500 000	2 030 000	2 423 188	101.93	19.37
Kaolin	(t)	180 000	233 097	293 381	258 725	285 497	58.61	10.35
Phosphate	(t)	300 000	266 144	250 000	364 650	269 989	-10.00	-25.96
Salt	(t)	1 007 495	1 849 145	2 000 000	1 530 000	2 487 645	146.91	62.59
Sulfur	(t)	8 000	7 000	7 000	6 500	6 300	-21.25	-3.08
Talc	(t)	4 125	3 700	3 500	3 200	3 972	-3.71	24.13
Vermiculite	(t)	1 659	772	483	447	420	-74.68	-6.04
Hard-Coal	(t)	3 000	1 207	1 000	1 200	1 400	-53.33	16.67
Nat.Gas (Mio m3)		12 000	12 500	12 800	14 000	14 200	18.33	1.43
Oil	(t)	44 800 000	47 672 869	46 900 000	46 400 000	43 900 000	-2.01	-5.39

El Salvador

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Salt	(t)	22 000	21 500	21 500	21 000	20 500	-6.82	-2.38

Remarks:

1994 - 1998: Marine salt only

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

Equatorial Guinea

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Oil	(t)	210 000	210 000	208 000	205 000	203 000	-3.33	-0.98

Eritrea

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	78	59	60	44	573	634.62	1202.27
Feldspar	(t)	5 150	0	0	0	0	-100.00	.
Gypsum	(t)	15	20	25	29	564	3660.00	1844.83
Kaolin	(t)	5 230	1 328	1 000	1 946	1 587	-69.66	-18.45
Salt	(t)	207 835	254 700	300 000	252 076	114 136	-45.08	-54.72
Talc	(t)	1	0	0	0	0	-100.00	.

Remarks:

Gold artisanal production

Estonia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Oil-Shale	(t)	14 500 000	13 500 000	14 000 000	14 382 723	12 464 000	-14.04	-13.34

Ethiopia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Tantalum-Col.	(t)	35	35	53	60	50	42.86	-16.67
Gold	(kg)	2 295	3 160	3 300	3 500	3 712	61.74	6.06
Diatomite	(t)	1 700	1 500	1 300	1 000	700	-58.82	-30.00
Gypsum	(t)	39 539	40 000	40 000	35 000	33 000	-16.54	-5.71
Kaolin	(t)	0	701	1 438	3 512	4 000	.	13.90
Salt	(t)	155 075	150 000	150 000	100 000	90 000	-41.96	-10.00

Remarks:

Fiscal year July to June next.

Fiji

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	4 111	3 511	4 554	4 671	3 158	-23.18	-32.39
Silver	(kg)	1 406	2 095	2 003	2 653	1 787	27.10	-32.64

Finland

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Chromium	(t)	286 374	298 837	291 087	350 648	249 000	-13.05	-28.99
Nickel	(t)	15 900	3 548	3 078	3 043	1 789	-88.75	-41.21
Cadmium	(t)	580	535	648	490	520	-10.34	6.12
Copper	(t)	12 408	9 065	9 055	8 259	9 217	-25.72	11.60
Mercury	(t)	89	90	88	63	54	-39.33	-14.29
Zinc	(t)	16 916	18 454	28 264	34 287	32 879	94.37	-4.11
Gold	(kg)	1 280	1 301	1 673	4 775	4 980	289.06	4.29
Silver	(kg)	26 000	10 509	34 794	32 200	29 700	14.23	-7.76
Feldspar	(t)	41 389	42 100	42 100	40 000	42 740	3.26	6.85
Phosphate	(t)	647 250	671 242	667 196	689 053	700 000	8.15	1.59
Sulfur	(t)	366 621	422 212	440 037	374 736	389 920	6.36	4.05
Talc	(t)	453 031	453 031	418 592	437 066	498 152	9.96	13.98

France

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	706 000	432 000	422 000	145 300	0	-100.00	-100.00
Aluminium	(t)	438 000	372 200	386 000	399 300	423 600	-3.29	6.09
Bauxite	(t)	0	75 000	81 000	80 000	80 000	.	0.00
Cadmium	(t)	500	670	650	975	223	-55.40	-77.13
Copper	(t)	174	172	170	196	0	-100.00	-100.00
Gold	(kg)	4 010	4 615	4 590	4 350	3 800	-5.24	-12.64
Silver	(kg)	644	1 167	1 550	1 770	1 000	55.28	-43.50
Baryte	(t)	72 100	75 450	81 200	77 000	75 000	4.02	-2.60
Bentonite	(t)	3 000	0	0	0	0	-100.00	.
Diatomite	(t)	90 000	80 000	80 000	80 000	75 000	-16.67	-6.25
Feldspar	(t)	385 000	632 000	546 000	621 000	650 000	68.83	4.67
Fluorspar	(t)	130 300	130 000	110 800	106 600	110 000	-15.58	3.19
Gypsum	(t)	5 000 000	4 800 000	4 550 000	4 500 000	4 300 000	-14.00	-4.44
Kaolin	(t)	387 000	345 000	326 000	332 000	330 000	-14.73	-0.60
Potash	(t)	936 000	896 000	812 000	780 000	450 000	-51.92	-42.31
Salt	(t)	6 200 000	7 540 000	7 074 000	8 112 000	8 200 000	32.26	1.08
Sulfur	(t)	1 111 200	1 065 000	989 700	960 000	950 000	-14.51	-1.04
Talc	(t)	278 000	322 000	322 300	335 000	360 000	29.50	7.46
Hard-Coal	(t)	8 004 000	8 210 000	7 312 000	6 120 000	5 300 000	-33.78	-13.40
Lignite	(t)	1 500 000	1 400 000	798 000	690 000	800 000	-46.67	15.94
Nat. Gas (Mio m3)		3 500	3 300	2 800	2 700	1 800	-48.57	-33.33
Oil	(t)	3 132 000	2 830 000	2 107 000	1 780 000	1 700 000	-45.72	-4.49
Oil-Shale	(t)	50 000	32 300	28 500	22 000	20 000	-60.00	-9.09
Uranium	(t)	1 272	857	841	579	554	-56.45	-4.32

Remarks:

1995 - 1998: Bauxit recoverd from old mines

1997 : Last iron ore mine closed

French Guiana

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	2 300	2 480	2 850	3 000	3 100	34.78	3.33

Gabon

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Manganese	(t)	832 000	1 014 000	1 031 116	988 000	572 000	-31.25	-42.11
Gold	(kg)	120	100	100	90	80	-33.33	-11.11
Nat.Gas	(Mio m3)	76	76	80	85	83	9.21	-2.35
Oil	(t)	17 473 098	18 777 060	18 600 000	18 600 000	17 600 000	0.73	-5.38
Uranium	(t)	509	640	565	472	861	69.16	82.42

Georgia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Manganese	(t)	250 000	200 000	97 000	35 112	16 000	-93.60	-54.43
Copper	(t)	1 500	1 200	2 000	4 000	5 000	233.33	25.00
Lead	(t)	800	600	500	400	0	-100.00	-100.00
Zinc	(t)	2 000	1 800	2 000	2 400	1 000	-50.00	-58.33
Gold	(kg)	1 000	1 000	800	700	800	-20.00	14.29
Hard-Coal	(t)	50 000	50 000	50 000	4 600	14 700	-70.60	219.57
Nat.Gas	(Mio m3)	15	10	6	6	0	-100.00	-100.00
Oil	(t)	90 000	85 000	128 000	143 000	100 000	11.11	-30.07

Germany, Federal Rep.

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	20 400	9 600	14 600	32 046	84 680	315.10	164.25
Aluminium	(t)	504 000	575 000	576 492	571 940	612 380	21.50	7.07
Bauxite	(t)	0	0	0	0	270	.	.
Baryte	(t)	127 383	122 268	121 476	118 698	123 272	-3.23	3.85
Bentonite	(t)	498 849	529 446	491 346	511 190	508 738	1.98	-0.48
Feldspar	(t)	302 627	329 624	359 666	425 529	469 928	55.28	10.43
Fluorspar	(t)	35 641	39 081	32 448	23 868	30 641	-14.03	28.38
Graphite	(t)	874	1 034	2 603	1 030	300	-65.68	-70.87

Gypsum	(t)	2 264 366	2 828 710	2 585 383	2 482 720	2 499 169	10.37	0.66
Kaolin	(t)	1 629 158	1 924 769	1 794 352	1 794 501	3 360 563	106.28	87.27
Potash	(t)	3 286 600	3 278 363	3 331 790	3 420 601	3 580 350	8.94	4.67
Salt	(t)	12 557 090	14 607 210	15 943 040	15 656 728	14 139 000	12.60	-9.69
Sulfur	(t)	820 476	1 003 468	1 000 689	1 085 306	1 089 771	32.82	0.41
Talc	(t)	11 538	14 170	10 005	8 819	15 473	34.10	75.45
Hard-Coal	(t)	52 407 700	53 563 599	48 196 510	46 789 987	41 639 952	-20.55	-11.01
Lignite	(t)	207 095 800	192 753 226	187 179 239	177 159 767	166 035 061	-19.83	-6.28
Nat.Gas (Mio m3)		20 442	21 452	23 059	21 122	20 420	-0.11	-3.32
Oil	(t)	2 946 290	2 958 794	2 848 341	2 820 780	2 884 110	-2.11	2.25
Oil-Shale	(t)	338 740	347 681	293 758	354 262	330 886	-2.32	-6.60
Uranium	(t)	47	35	39	23	30	-36.17	30.43

Ghana

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Manganese	(t)	95 372	74 760	106 576	132 977	153 669	61.13	15.56
Aluminium	(t)	140 700	135 400	137 000	151 600	56 100	-60.13	-62.99
Bauxite	(t)	451 802	513 000	473 000	519 000	341 121	-24.50	-34.27
Gold	(kg)	44 501	53 881	50 079	54 446	74 315	67.00	36.49
Silver	(kg)	1 200	1 000	1 000	900	600	-50.00	-33.33
Diam. (Gem)	(c)	118 200	126 267	147 425	165 905	161 148	36.34	-2.87
Diam. (Ind)	(c)	472 800	505 070	589 701	663 619	644 594	36.34	-2.87
Salt	(t)	50 000	45 000	40 000	35 000	30 000	-40.00	-14.29

Greece

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Chromium	(t)	1 960	2 000	11 729	5 050	1 950	-0.51	-61.39
Manganese	(t)	1 768	2 035	2 572	1 800	1 898	7.35	5.44
Nickel	(t)	16 182	17 155	17 801	17 609	15 000	-7.30	-14.82
Aluminium	(t)	144 300	131 000	141 295	141 500	156 902	8.73	10.88
Bauxite	(t)	2 196 371	2 200 215	2 451 734	1 676 979	1 714 023	-21.96	2.21
Lead	(t)	28 404	21 629	9 704	16 420	26 100	-8.11	58.95
Zinc	(t)	17 000	19 534	9 010	15 330	32 600	91.76	112.65
Gold	(kg)	0	0	0	13	0	.	-100.00
Silver	(kg)	44 900	45 000	16 100	35 900	64 800	44.32	80.50
Asbestos	(t)	55 502	75 003	80 213	63 294	35 068	-36.82	-44.60
Baryte	(t)	701	668	671	742	643	-8.27	-13.34
Bentonite	(t)	697 773	765 000	973 517	942 555	1 148 408	64.58	21.84
Feldspar	(t)	35 000	27 000	48 620	55 700	55 700	59.14	0.00
Gypsum	(t)	453 722	485 353	546 344	662 646	554 998	22.32	-16.25

Kaolin	(t)	117 254	66 582	60 453	56 459	46 388	-60.44	-17.84
Magnesite	(t)	575 472	520 000	662 346	623 030	698 049	21.30	12.04
Perlite	(t)	468 699	565 479	598 640	695 917	658 332	40.46	-5.40
Salt	(t)	192 000	140 000	138 239	173 889	208 000	8.33	19.62
Sulfur	(t)	56 000	50 020	26 445	15 440	15 000	-73.21	-2.85
Talc	(t)	400	150	180	0	0	-100.00	.
Lignite	(t)	57 532 515	56 553 231	59 737 680	58 939 419	60 910 433	5.87	3.34
Nat.Gas (Mio m3)		0	0	38	38	33	.	-13.16
Oil	(t)	557 310	469 397	534 222	436 000	293 000	-47.43	-32.80

Greenland

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
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Remarks:

There was no active mining operation during the past.

Guatemala

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998	
Iron	(t)	2 400	1 680	2 053	2 100	2 143	-10.71	2.05
Antimony	(t)	230	640	1 088	880	750	226.09	-14.77
Gold	(kg)	65	0	0	0	0	-100.00	.
Baryte	(t)	0	570	2 776	3 000	3 500	.	16.67
Bentonite	(t)	4 410	5 839	3 755	3 500	2 278	-48.34	-34.91
Feldspar	(t)	0	5 544	11 060	12 000	17 248	.	43.73
Gypsum	(t)	89 000	70 000	27 761	27 500	27 200	-69.44	-1.09
Kaolin	(t)	500	76	109	110	115	-77.00	4.55
Salt	(t)	80 000	80 000	80 000	75 000	73 000	-8.75	-2.67
Talc	(t)	0	807	694	650	948	.	45.85
Nat.Gas (Mio m3)		8	7	6	6	5	-37.50	-16.67
Oil	(t)	700 000	487 948	761 039	800 000	850 000	21.43	6.25

Guinea

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998	
Bauxite	(t)	16 500 000	13 764 194	13 800 000	19 250 000	17 000 000	3.03	-11.69
Gold	(kg)	5 617	6 910	7 000	7 300	13 000	131.44	78.08
Diam. (Gem)	(c)	286 097	269 643	270 000	427 500	225 000	-21.36	-47.37
Diam. (Ind)	(c)	95 366	89 881	90 000	142 500	75 000	-21.36	-47.37

Guyana

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Bauxite	(t)	2 089 000	1 878 000	2 254 000	2 561 000	2 267 000	8.52	-11.48
Gold	(kg)	11 991	9 111	10 807	14 597	14 863	23.95	1.82
Diam. (Gem)	(c)	10 536	15 604	14 700	10 684	10 044	-4.67	-5.99
Diam. (Ind)	(c)	24 584	36 410	34 300	24 928	23 436	-4.67	-5.99

Honduras

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Cadmium	(t)	46	45	45	40	35	-23.91	-12.50
Copper	(t)	1 000	1 000	1 000	900	800	-20.00	-11.11
Lead	(t)	2 810	2 500	4 700	5 900	4 300	53.02	-27.12
Zinc	(t)	23 600	27 100	37 000	39 500	40 408	71.22	2.30
Gold	(kg)	150	150	150	120	87	-42.00	-27.50
Silver	(kg)	25 000	30 200	31 000	40 400	48 197	92.79	19.30
Gypsum	(t)	25 500	25 500	30 000	25 000	23 000	-9.80	-8.00
Salt	(t)	25 000	25 000	30 000	28 000	25 000	0.00	-10.71

Hungary

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Manganese	(t)	9 488	9 132	8 437	12 900	8 700	-8.31	-32.56
Aluminium	(t)	29 400	32 000	32 000	33 671	40 700	38.44	20.88
Bauxite	(t)	835 700	521 400	504 000	380 900	460 600	-44.88	20.92
Gallium	(t)	6	4	5	5	3	-50.00	-40.00
Bentonite	(t)	17 900	18 000	15 376	14 848	26 700	49.16	79.82
Feldspar	(t)	43 600	44 000	44 000	45 000	46 000	5.50	2.22
Gypsum	(t)	151 000	151 000	185 000	192 000	185 000	22.52	-3.65
Kaolin	(t)	33 200	12 000	3 000	3 000	9 500	-71.39	216.67
Perlite	(t)	104 000	104 000	104 300	151 800	148 500	42.79	-2.17
Talc	(t)	1 700	1 700	1 700	1 500	1 400	-17.65	-6.67
Hard-Coal	(t)	1 011 000	855 000	963 000	925 000	877 028	-13.25	-5.19
Lignite	(t)	12 739 000	13 942 000	14 508 000	15 246 000	14 191 400	11.40	-6.92
Nat. Gas (Mio m3)		5 345	5 183	4 756	4 513	3 958	-25.95	-12.30
Oil	(t)	1 651 000	1 658 600	1 477 000	1 355 400	1 241 400	-24.81	-8.41

Remarks:

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.

1998 :Uranium production: 118 kg U₃O₈; Kaolin including illitic clay.

Iceland

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Aluminium	(t)	99 000	100 200	103 900	123 356	172 860	74.61	40.13
Diatomite	(t)	20 000	20 000	25 600	26 863	25 734	28.67	-4.20

India

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	38 110 270	37 788 000	38 856 000	46 900 000	45 223 000	18.66	-3.58
Chromium	(t)	461 701	460 000	538 182	644 000	613 994	32.99	-4.66
Manganese	(t)	624 298	640 000	681 806	706 800	583 422	-6.55	-17.46
Titanium	(t)	170 000	150 000	160 000	155 000	242 322	42.54	56.34
Tungsten	(t)	3	0	0	0	0	-100.00	.
Aluminium	(t)	476 521	465 000	497 540	547 400	543 451	14.05	-0.72
Bauxite	(t)	4 704 642	5 163 000	5 930 640	5 800 000	6 451 901	37.14	11.24
Cadmium	(t)	216	254	256	296	231	6.94	-21.96
Copper	(t)	52 920	38 300	38 000	48 000	42 249	-20.16	-11.98
Lead	(t)	32 049	24 250	30 000	28 700	37 222	16.14	29.69
Rare Earths	(t)	2 500	2 500	2 700	2 700	2 500	0.00	-7.41
Tin	(t)	18	18	31	16	36	100.00	125.00
Zinc	(t)	142 154	130 000	146 754	136 900	193 129	35.86	41.07
Gold	(kg)	2 373	1 940	2 710	2 500	2 463	3.79	-1.48
Silver	(kg)	45 911	39 800	27 800	48 100	55 363	20.59	15.10
Asbestos	(t)	28 610	25 000	26 101	20 000	19 109	-33.21	-4.46
Baryte	(t)	483 791	575 000	500 000	550 000	659 318	36.28	19.88
Bentonite	(t)	321 874	300 000	280 000	260 000	250 000	-22.33	-3.85
Diam. (Gem)	(c)	7 200	7 200	11 401	11 000	12 102	68.08	10.02
Diam. (Ind)	(c)	4 800	4 800	20 442	20 000	22 477	368.27	12.39
Feldspar	(t)	70 000	70 000	92 682	90 000	106 811	52.59	18.68
Fluorspar	(t)	24 788	20 000	19 926	18 000	3 966	-84.00	-77.97
Graphite	(t)	70 000	70 000	117 527	100 000	131 822	88.32	31.82
Gypsum	(t)	1 900 000	1 900 000	2 096 338	2 200 000	2 326 876	22.47	5.77
Kaolin	(t)	663 190	600 000	685 675	530 000	708 503	6.83	33.68
Magnesite	(t)	400 000	335 000	373 000	375 000	350 755	-12.31	-6.47
Phosphate	(t)	279 158	351 000	351 000	245 430	398 862	42.88	62.52
Salt	(t)	9 500 000	9 500 000	9 500 000	9 300 000	9 000 000	-5.26	-3.23
Sulfur	(t)	19 050	15 000	14 000	13 000	12 143	-36.26	-6.59
Talc	(t)	470 000	456 000	462 152	600 000	456 187	-2.94	-23.97
Vermiculite	(t)	1 899	1 500	1 300	1 200	4 035	112.48	236.25
Zircon	(t)	20 000	20 000	18 000	21 000	20 000	0.00	-4.76
Hard-Coal	(t)	256 728 000	263 500 000	288 208 000	295 900 000	293 565 000	14.35	-0.79
Lignite	(t)	19 257 000	22 000 000	22 540 000	25 000 000	23 009 000	19.48	-7.96
Nat.Gas (Mio m3)		14 644	16 922	18 215	20 500	19 522	33.31	-4.77
Oil	(t)	32 203 000	37 400 000	31 480 000	37 300 000	32 893 000	2.14	-11.82
Uranium	(t)	290	200	180	200	200	-31.03	0.00

Indonesia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	184 192	191 604	233 806	268 094	308 288	67.37	14.99
Manganese	(t)	15 500	16 000	17 375	18 600	25 205	62.61	35.51
Nickel	(t)	46 040	50 267	68 537	56 599	54 733	18.88	-3.30
Aluminium	(t)	220 000	0	0	0	0	-100.00	.
Bauxite	(t)	1 342 400	904 458	841 976	808 749	1 055 647	-21.36	30.53
Copper	(t)	372 914	530 814	619 116	644 246	924 000	147.78	43.42
Tin	(t)	30 610	45 908	51 029	53 036	53 959	76.28	1.74
Gold	(kg)	44 843	62 909	83 660	82 700	118 722	164.75	43.56
Silver	(kg)	105 961	260 518	254 893	270 391	279 298	163.59	3.29
Bentonite	(t)	30 000	20 000	15 549	8 308	8 400	-72.00	1.11
Feldspar	(t)	28 000	25 000	29 473	24 399	53 068	89.53	117.50
Gypsum	(t)	800	800	1 660	1 955	406	-49.25	-79.23
Kaolin	(t)	48 665	45 000	49 744	49 000	30 036	-38.28	-38.70
Phosphate	(t)	1 000	1 000	505	533	752	-24.80	41.09
Salt	(t)	600 000	600 000	500 000	400 000	300 000	-50.00	-25.00
Sulfur	(t)	3 300	3 000	3 165	9 177	10 000	203.03	8.97
Hard-Coal	(t)	30 951 239	38 311 877	47 338 609	54 652 295	60 302 622	94.83	10.34
Nat.Gas (Mio m3)		75 433	84 660	92 300	90 294	84 370	11.85	-6.56
Oil	(t)	78 690 714	78 137 720	79 155 168	78 497 110	76 518 810	-2.76	-2.52

Iran

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	5 561 600	4 836 000	5 008 500	4 828 300	4 777 950	-14.09	-1.04
Chromium	(t)	152 290	156 352	138 618	104 509	146 200	-4.00	39.89
Manganese	(t)	24 000	29 920	32 300	45 900	64 600	169.17	40.74
Molybdenum	(t)	1 700	1 655	2 600	2 600	3 100	82.35	19.23
Aluminium	(t)	110 000	220 000	253 000	107 000	117 000	6.36	9.35
Arsenic	(t)	118	30	20	75	350	196.61	366.67
Bauxite	(t)	68 000	148 000	160 000	145 000	260 000	282.35	79.31
Copper	(t)	100 040	105 710	113 770	110 000	111 000	10.96	0.91
Lead	(t)	18 300	15 900	18 000	17 600	10 920	-40.33	-37.95
Zinc	(t)	72 900	73 950	62 000	81 950	69 000	-5.35	-15.80
Gold	(kg)	723	633	640	684	822	13.69	20.18
Silver	(kg)	1 430	1 120	1 300	1 320	1 720	20.28	30.30
Asbestos	(t)	80 000	44 000	42 000	62 000	75 000	-6.25	20.97
Baryte	(t)	225 000	185 000	210 000	160 000	180 000	-20.00	12.50
Bentonite	(t)	84 000	32 000	84 000	105 000	115 000	36.90	9.52

Boron	(t)	1 200	1 500	1 000	2 850	2 800	133.33	-1.75
Feldspar	(t)	79 000	86 000	90 000	125 000	125 000	58.23	0.00
Fluorspar	(t)	5 300	16 400	20 000	6 200	6 800	28.30	9.68
Gypsum	(t)	8 433 000	8 230 000	8 750 000	8 900 000	9 750 000	15.62	9.55
Kaolin	(t)	551 000	471 000	470 000	860 000	1 050 000	90.56	22.09
Magnesite	(t)	65 000	55 000	50 000	105 000	120 000	84.62	14.29
Perlite	(t)	4 000	800	1 000	3 500	3 800	-5.00	8.57
Salt	(t)	1 050 000	936 000	1 000 000	1 180 000	1 450 000	38.10	22.88
Sulfur	(t)	860 000	1 105 000	1 300 000	1 120 000	1 200 000	39.53	7.14
Talc	(t)	27 000	26 000	25 000	24 300	28 500	5.56	17.28
Hard-Coal	(t)	1 720 000	1 590 000	1 840 000	1 750 000	1 810 000	5.23	3.43
Nat.Gas (Mio m3)		31 750	23 200	24 800	48 100	50 000	57.48	3.95
Oil	(t)	181 500 000	173 000 000	184 000 000	191 000 000	193 000 000	6.34	1.05

Iraq

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	350 000	380 000	400 000	420 000	430 000	22.86	2.38
Phosphate	(t)	550 000	440 000	465 000	466 000	495 000	-10.00	6.22
Salt	(t)	220 000	230 000	240 000	250 000	260 000	18.18	4.00
Sulfur	(t)	600 000	600 000	475 000	475 000	450 000	-25.00	-5.26
Nat.Gas (Mio m3)		3 000	3 000	3 500	3 500	4 000	33.33	14.29
Oil	(t)	36 515 950	31 555 893	29 600 000	56 300 000	108 200 000	196.31	92.18

Ireland

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Lead	(t)	53 700	46 100	45 300	45 100	35 900	-33.15	-20.40
Zinc	(t)	194 000	183 500	164 500	193 200	177 200	-8.66	-8.28
Silver	(kg)	17 400	13 700	14 700	13 300	10 800	-37.93	-18.80
Baryte	(t)	50 000	0	0	0	0	-100.00	.
Gypsum	(t)	367 300	406 000	423 000	477 000	500 000	36.13	4.82
Nat.Gas (Mio m3)		2 710	3 700	2 740	2 410	1 790	-33.95	-25.73

Remarks:

1994 : Baryte-production ceased end of 1994.

Israel

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	48 000	47 500	75 000	90 000	56 000	16.67	-37.78
Phosphate	(t)	2 080 000	2 028 000	2 322 000	2 708 000	2 940 000	41.35	8.57
Potash	(t)	1 280 390	1 346 270	1 520 120	1 525 000	1 745 210	36.30	14.44
Salt	(t)	1 001 600	946 017	765 000	750 000	700 000	-30.11	-6.67

Nat.Gas (Mio m3)	22	25	16	15	12	-45.45	-20.00
Oil (t)	5 291	9 146	8 768	8 500	5 829	10.17	-31.42

Italy

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Manganese (t)	1 868	1 612	1 457	2 128	924	-50.54	-56.58
Aluminium (t)	175 600	197 750	192 833	187 700	187 000	6.49	-0.37
Bauxite (t)	23 400	11 000	0	0	0	-100.00	.
Bismuth (t)	5	0	0	0	0	-100.00	.
Cadmium (t)	475	308	300	287	382	-19.58	33.10
Lead (t)	20 455	22 658	21 000	17 630	10 102	-50.61	-42.70
Zinc (t)	22 900	24 455	20 100	15 415	4 472	-80.47	-70.99
Gold (kg)	0	0	0	0	1 200	.	.
Silver (kg)	80 000	80 000	75 000	70 000	60 000	-25.00	-14.29
Baryte (t)	57 856	44 393	80 463	26 694	31 791	-45.05	19.09
Bentonite (t)	374 491	590 845	475 000	509 960	600 000	60.22	17.66
Feldspar (t)	1 806 935	2 199 315	2 310 450	2 118 117	2 800 000	54.96	32.19
Fluorspar (t)	77 946	124 749	126 530	105 794	104 188	33.67	-1.52
Gypsum (t)	1 361 017	1 492 594	1 200 000	1 210 718	1 232 535	-9.44	1.80
Kaolin (t)	58 574	85 661	126 000	180 570	0	-100.00	-100.00
Salt (t)	3 396 155	3 430 374	3 000 000	3 594 549	3 240 000	-4.60	-9.86
Sulfur (t)	258 368	250 000	250 000	200 000	180 000	-30.33	-10.00
Talc (t)	138 416	159 106	168 000	140 816	134 000	-3.19	-4.84
Hard-Coal (t)	0	0	4 787	0	0	.	.
Lignite (t)	509 247	352 293	223 400	222 421	251 000	-50.71	12.85
Nat.Gas (Mio m3)	20 341	20 383	20 218	19 123	19 164	-5.79	0.21
Oil (t)	4 928 898	5 207 980	5 429 849	5 892 055	5 600 287	13.62	-4.95
Oil-Shale (t)	9 014	9 320	22 000	20 000	22 471	149.29	12.36

Jamaica

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Bauxite (t)	11 871 000	10 871 000	11 757 000	11 988 000	12 600 000	6.14	5.11
Gypsum (t)	164 000	188 000	251 000	132 000	200 000	21.95	51.52
Salt (t)	14 000	14 000	14 500	15 000	15 500	10.71	3.33

Japan

	1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron (t)	3 058	1 301	3 563	1 537	1 720	-43.75	11.91
Chromium (t)	2 240	2 000	2 000	1 800	1 500	-33.04	-16.67

Aluminium	(t)	16 956	18 034	16 959	16 694	16 302	-3.86	-2.35
Arsenic	(t)	500	500	450	420	400	-20.00	-4.76
Bismuth	(t)	500	600	560	474	470	-6.00	-0.84
Cadmium	(t)	2 614	2 652	2 343	2 373	2 342	-10.41	-1.31
Copper	(t)	6 043	2 376	1 145	932	1 070	-82.29	14.81
Gallium	(t)	6	6	5	5	4	-33.33	-20.00
Lead	(t)	9 900	9 659	7 753	5 227	6 198	-37.39	18.58
Tellurium	(t)	47	50	45	40	38	-19.15	-5.00
Zinc	(t)	100 653	95 274	79 709	71 569	67 670	-32.77	-5.45
Gold	(kg)	9 551	9 185	8 627	8 384	8 601	-9.95	2.59
Platinum	(kg)	1 200	1 200	816	693	533	-55.58	-23.09
Silver	(kg)	133 713	100 078	85 115	87 180	94 472	-29.35	8.36
Bentonite	(t)	484 000	478 056	468 728	495 646	443 566	-8.35	-10.51
Feldspar	(t)	53 503	65 086	55 122	60 000	60 000	12.14	0.00
Kaolin	(t)	114 000	182 122	141 230	110 915	83 257	-26.97	-24.94
Perlite	(t)	200 000	200 000	200 000	200 000	200 000	0.00	0.00
Salt	(t)	1 390 000	1 400 000	1 400 000	1 420 000	1 000 000	-28.06	-29.58
Sulfur	(t)	2 600 000	2 000 000	1 500 000	633 369	544 904	-79.04	-13.97
Talc	(t)	716 000	717 269	659 904	620 000	600 000	-16.20	-3.23
Vermiculite	(t)	15 000	15 000	10 000	10 000	8 000	-46.67	-20.00
Hard-Coal	(t)	6 900 000	8 741 000	6 480 000	4 274 000	3 663 000	-46.91	-14.30
Nat.Gas (Mio m3)		2 270	2 209	2 230	2 279	2 300	1.32	0.92
Oil	(t)	789 000	861 000	837 162	842 000	792 000	0.38	-5.94

Jordan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Feldspar	(t)	0	7 341	7 500	7 340	7 200	.	-1.91
Gypsum	(t)	200 000	166 575	120 810	114 500	110 000	-45.00	-3.93
Kaolin	(t)	50 000	65 998	37 832	34 550	34 000	-32.00	-1.59
Phosphate	(t)	1 348 800	1 828 225	1 713 618	1 945 542	1 861 440	38.01	-4.32
Potash	(t)	822 000	1 125 279	1 068 000	849 405	910 200	10.73	7.16
Salt	(t)	25 000	78 175	80 000	80 000	263 365	953.46	229.21
Nat.Gas (Mio m3)		350	350	235	291	300	-14.29	3.09
Oil	(t)	1 600	1 600	1 700	2 097	2 100	31.25	0.14

Kazakhstan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	13 458 000	18 525 000	16 250 000	13 700 000	8 693 000	-35.41	-36.55
Chromium	(t)	1 403 520	1 039 310	511 700	430 000	688 000	-50.98	60.00
Cobalt	(t)	1 394	300	300	300	300	-78.48	0.00
Manganese	(t)	100 000	128 430	129 000	120 000	119 700	19.70	-0.25
Molybdenum	(t)	534	400	400	400	100	-81.27	-75.00
Nickel	(t)	0	1 200	1 200	1 200	1 200	.	0.00
Titanium	(t)	0	9 592	12 500	13 000	12 000	.	-7.69
Tungsten	(t)	154	288	280	200	200	29.87	0.00
Vanadium	(t)	0	900	900	900	1 000	.	11.11

Arsenic	(t)	2 000	1 586	1 500	1 500	1 300	-35.00	-13.33
Bauxite	(t)	2 425 000	3 319 000	3 140 000	3 100 000	3 437 000	41.73	10.87
Bismuth	(t)	117	33	33	33	50	-57.26	51.52
Cadmium	(t)	1 000	1 209	1 200	745	1 463	46.30	96.38
Copper	(t)	276 000	242 800	245 000	316 000	337 600	22.32	6.84
Lead	(t)	90 000	85 000	68 900	35 000	30 100	-66.56	-14.00
Tin	(t)	24	4	4	4	0	-100.00	-100.00
Zinc	(t)	172 600	168 300	168 500	225 000	224 300	29.95	-0.31
Gold	(kg)	14 483	18 200	12 000	18 700	18 000	24.28	-3.74
Silver	(kg)	408 400	371 000	414 300	389 300	535 800	31.19	37.63
Asbestos	(t)	300 000	250 000	250 000	125 000	125 000	-58.33	0.00
Baryte	(t)	135 000	150 000	250 000	270 000	300 000	122.22	11.11
Boron	(t)	80 000	80 000	80 000	80 000	60 000	-25.00	-25.00
Fluorspar	(t)	80 000	75 000	80 000	85 000	90 000	12.50	5.88
Phosphate	(t)	1 736 800	1 500 000	900 000	500 000	450 000	-74.09	-10.00
Sulfur	(t)	150 000	140 000	97 000	100 000	120 000	-20.00	20.00
Hard-Coal	(t)	101 500 000	101 000 000	76 600 000	69 600 000	65 700 000	-35.27	-5.60
Lignite	(t)	2 500 000	2 100 000	1 800 000	3 000 000	3 000 000	20.00	0.00
Nat.Gas (Mio m3)		5 310	4 333	3 352	4 000	4 000	-24.67	0.00
Oil	(t)	24 000 000	19 968 000	21 466 000	25 800 000	25 900 000	7.92	0.39
Uranium	(t)	1 546	1 388	1 320	1 000	1 474	-4.66	47.40

Kenya

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Lead	(t)	210	252	250	0	0	-100.00	.
Gold	(kg)	14	48	50	50	174	1142.86	248.00
Baryte	(t)	20	0	0	0	0	-100.00	.
Diatomite	(t)	592	578	415	297	468	-20.95	57.58
Fluorspar	(t)	53 488	80 230	83 000	68 700	60 854	13.77	-11.42
Gypsum	(t)	569	1 000	900	900	700	23.02	-22.22
Kaolin	(t)	0	300	300	200	150	.	-25.00
Salt	(t)	70 500	71 400	72 000	71 400	21 742	-69.16	-69.55
Vermiculite	(t)	1 113	457	734	1 418	353	-68.28	-75.11

Remarks:

1994 - 1995: Vermiculit quantity exported

Korea, Republic of

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	107 135	103 288	100 000	100 000	133 421	24.54	33.42
Molybdenum	(t)	4	0	0	0	0	-100.00	.

Cadmium	(t)	909	908	930	930	930	2.31	0.00
Copper	(t)	0	30	35	0	0	.	.
Lead	(t)	4 345	4 064	5 200	3 600	3 558	-18.11	-1.17
Zinc	(t)	14 243	7 747	8 300	9 000	10 489	-26.36	16.54
Gold	(kg)	1 374	1 270	1 200	1 200	200	-85.44	-83.33
Silver	(kg)	8 600	179	175	170	301	-96.50	77.06
Baryte	(t)	85	0	0	0	0	-100.00	.
Bentonite	(t)	121 262	66 157	65 000	60 000	59 765	-50.71	-0.39
Diatomite	(t)	82 738	81 303	80 000	80 000	78 000	-5.73	-2.50
Feldspar	(t)	319 658	367 578	330 000	320 000	248 493	-22.26	-22.35
Fluorspar	(t)	100	0	0	0	0	-100.00	.
Graphite	(t)	4 300	1 938	3 500	3 200	3 000	-30.23	-6.25
Kaolin	(t)	361 886	495 055	500 000	480 000	393 736	8.80	-17.97
Talc	(t)	743 291	819 358	730 000	820 000	868 020	16.78	5.86
Hard-Coal	(t)	7 438 849	5 670 000	5 100 000	4 500 000	4 361 000	-41.38	-3.09

Kuwait

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Salt	(t)	36 897	37 038	36 000	36 000	35 000	-5.14	-2.78
Sulfur	(t)	467 924	277 798	605 963	600 000	580 000	23.95	-3.33
Nat.Gas (Mio m3)		5 000	10 868	10 892	12 000	12 000	140.00	0.00
Oil	(t)	104 838 585	104 663 104	104 609 088	106 500 000	91 900 000	-12.34	-13.71

Kyrgystan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Antimony	(t)	2 500	2 500	2 500	2 500	1 298	-48.08	-48.08
Mercury	(t)	449	400	596	611	629	40.09	2.95
Gold	(kg)	2 000	2 000	5 000	17 000	21 000	950.00	23.53
Hard-Coal	(t)	2 000 000	1 000 000	800 000	500 000	400 000	-80.00	-20.00
Nat.Gas (Mio m3)		37	35	35	20	20	-45.95	0.00
Oil	(t)	130 000	130 000	130 000	120 000	100 000	-23.08	-16.67

Laos

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Tin	(t)	270	102	100	100	226	-16.30	126.00
Gypsum	(t)	102 217	110 000	75 000	115 000	104 250	1.99	-9.35
Salt	(t)	9 000	8 000	7 000	7 500	3 453	-61.63	-53.96
Hard-Coal	(t)	3 284	3 746	3 800	4 000	8 773	167.14	119.33

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Latvia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	61 026	78 813	63 888	60 905	93 611	53.40	53.70

Lebanon

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	2 000	2 000	1 800	1 500	1 300	-35.00	-13.33
Salt	(t)	3 000	2 500	2 500	2 000	1 800	-40.00	-10.00

Liberia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Diam. (Gem)	(c)	32 500	32 500	29 250	29 250	27 630	-14.98	-5.54
Diam. (Ind)	(c)	67 500	67 500	60 750	60 750	57 380	-14.99	-5.55

Libya

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	160 000	170 000	180 000	190 000	200 000	25.00	5.26
Salt	(t)	15 000	30 000	28 000	27 000	30 000	100.00	11.11
Sulfur	(t)	20 000	19 000	22 000	24 000	22 000	10.00	-8.33
Nat.Gas (Mio m3)		6 904	6 849	6 950	8 000	8 000	15.87	0.00
Oil	(t)	66 600 000	68 600 000	78 573 253	68 000 000	66 900 000	0.45	-1.62

Lithuania

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Oil	(t)	78 500	115 000	161 200	213 000	275 000	250.32	29.11

Macedonia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Nickel	(t)	3 980	5 200	4 500	4 900	6 000	50.75	22.45
Copper	(t)	7 140	8 560	8 484	8 200	9 100	27.45	10.98
Lead	(t)	30 464	29 749	29 030	30 690	30 000	-1.52	-2.25
Zinc	(t)	21 335	22 141	21 560	20 620	14 100	-33.91	-31.62

Gold	(kg)	640	760	752	680	700	9.38	2.94
Silver	(kg)	22 303	15 848	20 025	18 760	20 000	-10.33	6.61
Bentonite	(t)	5 000	4 000	4 000	3 500	3 000	-40.00	-14.29
Feldspar	(t)	15 000	10 000	9 500	10 000	9 500	-36.67	-5.00
Talc	(t)	16 500	15 000	14 500	15 000	10 000	-39.39	-33.33
Lignite	(t)	7 018 087	7 353 093	7 723 000	7 443 000	6 500 000	-7.38	-12.67

Madagascar

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Chromium	(t)	44 198	49 000	67 130	58 800	33 963	-23.16	-42.24
Rare Earths	(t)	5	4	3	0	0	-100.00	.
Gold	(kg)	0	0	0	0	33	.	.
Graphite	(t)	8 000	13 965	14 000	13 000	2 330	-70.88	-82.08
Kaolin	(t)	700	700	650	600	378	-46.00	-37.00
Salt	(t)	50 000	45 000	45 000	40 000	38 000	-24.00	-5.00

Malawi

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Hard-Coal	(t)	50 000	50 000	71 153	63 000	54 200	8.40	-13.97

Malaysia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	202 682	181 972	285 294	269 087	376 090	85.56	39.77
Titanium	(t)	63 737	64 477	69 883	70 000	65 000	1.98	-7.14
Tungsten	(t)	1	1	0	0	0	-100.00	.
Bauxite	(t)	161 919	184 433	218 680	279 000	160 271	-1.02	-42.56
Copper	(t)	25 267	20 751	20 671	18 900	14 596	-42.23	-22.77
Rare Earths	(t)	426	814	618	600	500	17.37	-16.67
Tin	(t)	6 458	6 355	6 922	5 100	5 754	-10.90	12.82
Gold	(kg)	4 085	3 161	2 829	4 488	3 394	-16.92	-24.38
Silver	(kg)	13 341	10 863	9 720	9 600	7 285	-45.39	-24.11
Baryte	(t)	17 144	16 966	17 458	18 000	17 000	-0.84	-5.56
Kaolin	(t)	252 628	211 182	209 562	187 411	176 521	-30.13	-5.81
Zircon	(t)	1 656	3 790	4 511	5 000	5 100	207.97	2.00
Hard-Coal	(t)	173 749	112 100	73 747	105 231	349 849	101.35	232.46
Nat.Gas (Mio m3)		31 025	35 600	32 400	39 751	39 865	28.49	0.29
Oil	(t)	34 080 364	36 656 429	34 100 000	35 500 000	37 872 287	11.13	6.68

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Mali

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	3 000	3 980	4 500	17 000	22 000	633.33	29.41
Phosphate	(t)	0	720	0	0	0	.	.
Salt	(t)	5 000	0	0	0	0	-100.00	.

Malta

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Salt	(t)	170	160	150	130	120	-29.41	-7.69

Mauritania

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	6 722 300	7 484 100	7 252 700	7 663 500	6 726 200	0.06	-12.23
Gold	(kg)	1 738	1 800	1 890	1 800	1 700	-2.19	-5.56
Gypsum	(t)	4 230	10 100	12 500	5 460	18 795	344.33	244.23

Mexico

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	4 412 954	4 500 089	4 887 562	5 023 826	5 067 406	14.83	0.87
Manganese	(t)	91 272	140 662	173 380	192 825	187 103	104.99	-2.97
Molybdenum	(t)	2 613	3 883	4 211	4 842	5 948	127.63	22.84
Tungsten	(t)	0	287	188	179	130	.	-27.37
Antimony	(t)	1 758	1 783	983	1 909	1 301	-26.00	-31.85
Arsenic	(t)	4 440	3 620	2 942	2 999	2 573	-42.05	-14.20
Bismuth	(t)	1 047	988	1 070	1 642	1 204	15.00	-26.67
Cadmium	(t)	1 870	1 756	1 813	1 872	1 739	-7.01	-7.10
Copper	(t)	305 487	339 347	327 978	338 933	344 766	12.86	1.72
Lead	(t)	163 836	179 740	167 114	180 349	171 610	4.74	-4.85
Mercury	(t)	10	10	0	15	15	50.00	0.00
Tin	(t)	3	1	2	5	5	66.67	0.00
Zinc	(t)	358 953	354 673	348 328	377 861	371 898	3.61	-1.58
Gold	(kg)	14 642	20 902	24 083	26 031	25 982	77.45	-0.19
Silver	(kg)	2 334 181	2 495 522	2 536 465	2 701 329	2 868 099	22.87	6.17

Baryte	(t)	86 605	248 367	470 028	236 606	161 555	86.54	-31.72
Bentonite	(t)	100 000	100 000	69 810	69 000	68 800	-31.20	-0.29
Diatomite	(t)	45 000	47 000	52 200	60 000	62 000	37.78	3.33
Feldspar	(t)	133 441	121 779	139 972	155 760	197 866	48.28	27.03
Fluorspar	(t)	327 378	522 658	523 971	552 839	598 043	82.68	8.18
Graphite	(t)	30 863	34 388	40 412	47 982	43 481	40.88	-9.38
Gypsum	(t)	3 438 110	3 477 840	3 758 900	4 216 300	3 993 305	16.15	-5.29
Kaolin	(t)	216 000	220 000	165 000	160 000	155 000	-28.24	-3.13
Perlite	(t)	35 000	35 000	37 417	35 000	36 000	2.86	2.86
Phosphate	(t)	171 690	199 153	218 265	228 372	242 032	40.97	5.98
Salt	(t)	7 458 414	7 669 549	8 508 148	7 932 772	8 412 063	12.79	6.04
Sulfur	(t)	876 897	882 414	921 349	923 352	912 826	4.10	-1.14
Talc	(t)	15 000	15 000	10 100	10 000	9 800	-34.67	-2.00
Vermiculite	(t)	300	200	225	350	360	20.00	2.86
Hard-Coal	(t)	6 392 937	7 391 057	8 779 518	8 509 976	7 632 227	19.39	-10.31
Nat.Gas (Mio m3)		26 000	26 000	29 900	33 000	36 500	40.38	10.61
Oil	(t)	156 800 000	152 700 000	162 500 000	169 300 000	169 300 000	7.97	0.00

Moldavia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	14 600	13 600	12 700	13 000	19 080	30.68	46.77

Mongolia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Molybdenum	(t)	1 500	1 500	2 000	2 200	2 300	53.33	4.55
Tungsten	(t)	0	0	32	0	0	.	.
Copper	(t)	119 200	120 200	121 000	127 000	127 800	7.21	0.63
Tellurium	(t)	3	3	0	2	3	0.00	50.00
Tin	(t)	58	58	37	55	0	-100.00	-100.00
Gold	(kg)	3 000	4 650	5 998	2 200	2 000	-33.33	-9.09
Silver	(kg)	21 000	21 000	20 000	19 000	18 000	-14.29	-5.26
Fluorspar	(t)	300 000	180 000	127 600	135 000	171 000	-43.00	26.67
Gypsum	(t)	25 000	25 000	20 000	20 000	18 000	-28.00	-10.00
Salt	(t)	18 000	18 000	17 000	16 000	15 000	-16.67	-6.25
Lignite	(t)	5 000 000	5 100 000	4 922 000	4 500 000	5 200 000	4.00	15.56
Uranium	(t)	140	150	181	150	100	-28.57	-33.33

Morocco

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	38 110	27 383	7 105	7 207	5 685	-85.08	-21.12
Chromium	(t)	140	0	0	0	0	-100.00	.
Cobalt	(t)	419	535	554	785	287	-31.50	-63.44
Manganese	(t)	13 815	12 592	13 260	13 863	12 749	-7.72	-8.04
Copper	(t)	13 018	12 497	13 168	13 070	9 373	-28.00	-28.29
Lead	(t)	64 798	63 011	66 698	68 514	71 326	10.07	4.10
Zinc	(t)	74 693	77 129	76 290	85 898	108 006	44.60	25.74
Silver	(kg)	259 000	204 000	333 000	262 000	241 000	-6.95	-8.02
Baryte	(t)	266 000	266 226	287 513	343 314	353 438	32.87	2.95
Bentonite	(t)	24 919	28 895	29 881	49 633	47 881	92.15	-3.53
Fluorspar	(t)	85 000	106 500	100 000	103 800	105 000	23.53	1.16
Phosphate	(t)	6 303 850	6 297 030	6 465 050	7 156 040	7 119 460	12.94	-0.51
Salt	(t)	178 584	172 782	165 393	257 500	107 604	-39.75	-58.21
Hard-Coal	(t)	650 400	649 600	505 600	376 300	269 100	-58.63	-28.49
Nat.Gas (Mio m3)		25	30	25	25	26	4.00	4.00
Oil	(t)	8 000	2 900	2 000	2 933	3 000	-62.50	2.28

Mozambique

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Bauxite	(t)	9 620	11 000	12 000	8 000	6 000	-37.63	-25.00
Gold	(kg)	336	300	300	250	230	-31.55	-8.00
Salt	(t)	40 000	40 000	35 000	30 000	25 000	-37.50	-16.67
Hard-Coal	(t)	10 000	40 000	35 000	35 000	40 000	300.00	14.29

Remarks:

1994 : Tantalum-Columbium production less than 1 t (metal content)

Myanmar

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Chromium	(t)	200	200	150	130	120	-40.00	-7.69
Nickel	(t)	226	170	0	0	0	-100.00	.
Tungsten	(t)	92	144	23	14	9	-90.22	-35.71
Copper	(t)	7 620	8 357	5 813	4 390	0	-100.00	-100.00
Lead	(t)	1 547	1 862	1 130	782	1 255	-18.88	60.49
Tin	(t)	544	492	233	141	92	-83.09	-34.75
Zinc	(t)	1 300	700	600	500	500	-61.54	0.00

Gold	(kg)	194	146	171	150	100	-48.45	-33.33
Silver	(kg)	3 792	4 425	8 915	9 331	593	-84.36	-93.64
Baryte	(t)	15 749	30 641	17 113	14 606	14 295	-9.23	-2.13
Bentonite	(t)	300	600	730	750	720	140.00	-4.00
Diam. (Gem)	(c)	0	0	0	4	0	.	-100.00
Diam. (Ind)	(c)	45	12	45	18	7	-84.44	-61.11
Feldspar	(t)	5 735	7 091	0	0	0	-100.00	.
Gypsum	(t)	31 497	37 011	28 599	34 546	26 329	-16.41	-23.79
Salt	(t)	276 740	250 000	230 000	200 000	180 000	-34.96	-10.00
Lignite	(t)	72 546	34 708	44 412	22 537	18 324	-74.74	-18.69
Nat.Gas (Mio m3)		1 019	1 447	1 800	1 800	1 700	66.83	-5.56
Oil	(t)	743 080	814 530	550 000	600 000	580 000	-21.95	-3.33

Remarks:

Diamonds:byproduct of alluvial tin operation

Namibia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Manganese	(t)	30 000	46 739	45 250	34 907	30 000	0.00	-14.06
Arsenic	(t)	2 775	1 246	1 505	1 232	175	-93.69	-85.80
Cadmium	(t)	19	15	10	2	0	-100.00	-100.00
Copper	(t)	29 365	29 203	18 306	20 300	8 014	-72.71	-60.52
Lead	(t)	31 815	26 752	24 416	17 000	12 800	-59.77	-24.71
Lithium	(t)	0	104	50	70	90	.	28.57
Tin	(t)	1	2	2	0	0	-100.00	.
Zinc	(t)	17 375	15 407	18 295	18 564	20 298	16.82	9.34
Gold	(kg)	2 188	1 910	2 177	2 433	1 882	-13.99	-22.65
Silver	(kg)	60 817	65 847	42 000	33 500	23 000	-62.18	-31.34
Diam. (Gem)	(c)	1 246 731	1 312 670	1 412 134	1 083 000	1 368 000	9.73	26.32
Diam. (Ind)	(c)	65 517	69 087	72 323	57 000	72 000	9.90	26.32
Fluorspar	(t)	51 181	37 076	32 285	23 208	42 139	-17.67	81.57
Salt	(t)	349 621	423 525	378 860	485 414	502 138	43.62	3.45
Sulfur	(t)	60 817	62 000	45 338	46 476	47 000	-22.72	1.13
Uranium	(t)	2 485	2 007	2 886	3 426	3 257	31.07	-4.93

Remarks:

Manganese ore since September 1994

Nauru

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Phosphate	(t)	224 298	228 000	193 800	190 000	180 000	-19.75	-5.26

Nepal

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Copper	(t)	4	4	3	0	0	-100.00	.
Salt	(t)	7	7	6	6	1	-85.71	-83.33
Talc	(t)	3 000	2 362	2 300	6 500	6 157	105.23	-5.28
Lignite	(t)	11 000	6 048	5 500	8 200	10 954	-0.42	33.59

Netherlands

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Aluminium	(t)	219 400	215 600	227 000	231 800	263 700	20.19	13.76
Salt	(t)	4 245 000	4 786 000	4 800 000	5 601 000	5 600 000	31.92	-0.02
Nat.Gas (Mio m3)		84 000	78 300	95 432	81 800	79 200	-5.71	-3.18
Oil	(t)	4 321 000	3 210 000	3 000 000	2 750 000	2 700 000	-37.51	-1.82

Remarks:

1997 : content of MgCl₂ in salt:192500t

New Caledonia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Nickel	(t)	97 300	120 700	124 800	136 500	125 300	28.78	-8.21

New Zealand

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	1 200 600	1 370 074	1 353 578	1 450 000	1 276 000	6.28	-12.00
Aluminium	(t)	272 200	269 000	260 000	310 200	317 500	16.64	2.35
Gold	(kg)	10 118	12 132	11 571	11 400	7 700	-23.90	-32.46
Silver	(kg)	27 589	27 794	29 340	31 700	22 700	-17.72	-28.39
Bentonite	(t)	930	3 699	4 000	4 100	4 200	351.61	2.44
Kaolin	(t)	28 000	13 662	26 000	26 000	26 000	-7.14	0.00
Perlite	(t)	0	1 800	1 880	1 900	2 000	.	5.26
Salt	(t)	80 000	80 000	75 000	70 000	68 000	-15.00	-2.86
Sulfur	(t)	2 102	0	0	0	0	-100.00	.
Hard-Coal	(t)	2 721 526	3 202 156	3 509 334	3 500 000	3 100 000	13.91	-11.43
Lignite	(t)	182 984	242 882	109 982	200 000	200 000	9.30	0.00
Nat.Gas (Mio m3)		5 000	4 462	5 364	5 500	5 600	12.00	1.82
Oil	(t)	1 900 000	1 502 165	1 500 000	1 600 000	1 550 000	-18.42	-3.13

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Nicaragua

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	1 225	1 200	2 059	2 395	2 050	67.35	-14.41
Silver	(kg)	2 628	2 600	783	934	1 300	-50.53	39.19
Bentonite	(t)	5 656	3 000	2 374	512	400	-92.93	-21.88
Gypsum	(t)	10 300	10 000	20 242	15 820	12 000	16.50	-24.15
Salt	(t)	15 000	15 000	16 000	15 000	14 000	-6.67	-6.67

Niger

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Tin	(t)	20	17	23	25	26	30.00	4.00
Gold	(kg)	30	53	313	300	320	966.67	6.67
Gypsum	(t)	1 500	1 500	1 897	2 000	2 200	46.67	10.00
Salt	(t)	2 000	2 000	2 000	1 800	1 600	-20.00	-11.11
Hard-Coal	(t)	150 000	170 971	182 022	150 000	150 000	0.00	0.00
Uranium	(t)	2 964	2 330	3 919	4 124	4 400	48.45	6.69

Nigeria

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	100 000	90 000	80 000	72 484	70 000	-30.00	-3.43
Tantalum-Col.	(t)	40	20	20	20	18	-55.00	-10.00
Tin	(t)	300	300	2 700	2 700	1 400	366.67	-48.15
Gold	(kg)	0	0	0	17	20	.	17.65
Baryte	(t)	17 000	17 500	17 500	13 000	12 000	-29.41	-7.69
Kaolin	(t)	200	150	150	100	80	-60.00	-20.00
Hard-Coal	(t)	100 000	90 000	90 000	90 000	90 000	-10.00	0.00
Nat.Gas (Mio m3)		5 537	5 427	5 500	5 000	5 000	-9.70	0.00
Oil	(t)	104 317 000	100 405 113	111 300 000	119 527 523	104 500 000	0.18	-12.57

Norway

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	1 650 000	1 458 300	1 117 651	478 000	409 200	-75.20	-14.39
Nickel	(t)	2 938	2 892	2 820	2 435	2 964	0.88	21.72
Titanium	(t)	366 008	368 208	329 840	246 903	261 134	-28.65	5.76

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Aluminium	(t)	862 000	847 000	863 000	918 600	995 500	15.49	8.37
Cadmium	(t)	135	296	300	290	270	100.00	-6.90
Copper	(t)	7 412	6 797	7 389	6 670	2 700	-63.57	-59.52
Lead	(t)	3 598	2 960	2 083	2 231	0	-100.00	-100.00
Zinc	(t)	15 870	9 946	4 435	4 400	1 800	-88.66	-59.09
Silver	(kg)	6 036	6 000	5 900	5 000	2 000	-66.87	-60.00
Feldspar	(t)	62 905	73 810	72 555	107 335	82 036	30.41	-23.57
Graphite	(t)	5 200	2 558	7 065	7 713	8 271	59.06	7.23
Sulfur	(t)	43 000	43 000	42 900	42 500	42 300	-1.63	-0.47
Talc	(t)	27 000	30 683	28 140	30 475	21 000	-22.22	-31.09
Hard-Coal	(t)	301 190	292 094	229 636	386 440	328 169	8.96	-15.08
Nat.Gas (Mio m3)		30 000	31 100	41 100	45 600	47 100	57.00	3.29
Oil	(t)	126 000 000	133 004 175	158 400 000	160 800 000	158 900 000	26.11	-1.18

Oman

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Chromium	(t)	2 480	2 120	6 100	7 160	11 902	379.92	66.23
Copper	(t)	4 300	1 067	1 000	1 209	993	-76.91	-17.87
Gold	(kg)	0	520	600	584	579	.	-0.86
Silver	(kg)	4 700	72	80	145	286	-93.91	97.24
Gypsum	(t)	121 446	104 490	113 137	77 971	165 000	35.86	111.62
Salt	(t)	10 000	14 317	12 429	10 069	13 778	37.78	36.84
Nat.Gas (Mio m3)		7 000	5 120	7 260	8 000	7 500	7.14	-6.25
Oil	(t)	42 509 178	44 744 966	46 156 700	44 900 000	44 500 000	4.68	-0.89

Remarks:

Ag = byproduct from Cu concentrate treatment; no indigenous copperproduction!

Pakistan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	2 504	0	0	2 015	6 291	151.24	212.21
Chromium	(t)	2 496	5 968	5 000	7 478	5 180	107.53	-30.73
Manganese	(t)	90	0	0	0	0	-100.00	.
Bauxite	(t)	4 573	4 460	2 280	3 179	5 000	9.34	57.28
Asbestos	(t)	90	100	90	120	130	44.44	8.33
Baryte	(t)	22 091	20 900	14 470	22 621	24 472	10.78	8.18
Bentonite	(t)	11 180	11 790	10 750	10 796	13 998	25.21	29.66
Feldspar	(t)	19 656	11 750	27 370	14 428	31 168	58.57	116.02
Fluorspar	(t)	1 290	1 380	816	160	2 647	105.19	1554.38

Gypsum	(t)	607 369	624 000	416 000	412 196	254 410	-58.11	-38.28
Kaolin	(t)	0	0	0	74 965	72 262	.	-3.61
Magnesite	(t)	4 572	4 000	4 100	4 130	1 082	-76.33	-73.80
Phosphate	(t)	16 042	8 000	15 000	16 000	15 000	-6.50	-6.25
Salt	(t)	896 051	890 000	966 000	1 058 653	1 115 763	24.52	5.39
Sulfur	(t)	545	500	500	210	200	-63.30	-4.76
Hard-Coal	(t)	3 082 221	3 010 000	3 402 000	3 300 000	3 100 000	0.58	-6.06
Nat.Gas (Mio m3)		17 676	23 200	19 760	19 759	15 090	-14.63	-23.63
Oil	(t)	2 954 397	2 715 100	3 035 196	3 039 550	2 543 174	-13.92	-16.33

Panama

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	0	284	280	250	230	.	-8.00
Silver	(kg)	0	404	400	380	350	.	-7.89
Salt	(t)	31 000	30 000	28 000	29 763	25 266	-18.50	-15.11

Papua New Guinea

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Copper	(t)	206 329	212 737	186 715	111 515	152 200	-26.23	36.48
Gold	(kg)	62 751	55 721	55 623	48 482	59 712	-4.84	23.16
Silver	(kg)	76 025	66 228	64 304	49 165	59 295	-22.01	20.60
Nat.Gas (Mio m3)		100	107	110	100	100	0.00	0.00
Oil	(t)	5 716 000	5 001 500	5 430 200	5 500 000	5 600 000	-2.03	1.82

Paraguay

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	5 000	7 000	7 500	6 500	6 300	26.00	-3.08
Kaolin	(t)	55 000	70 000	75 000	60 000	55 000	0.00	-8.33

Peru

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	4 636 628	3 948 200	2 915 691	2 965 889	3 282 118	-29.21	10.66
Molybdenum	(t)	4 631	3 411	3 667	3 835	4 344	-6.20	13.27
Tungsten	(t)	259	728	331	279	76	-70.66	-72.76

Antimony	(t)	379	230	305	242	364	-3.96	50.41
Arsenic	(t)	286	274	320	837	624	118.18	-25.45
Bismuth	(t)	871	581	939	774	868	-0.34	12.14
Cadmium	(t)	507	560	550	562	535	5.52	-4.80
Copper	(t)	365 513	409 693	485 595	502 970	483 338	32.24	-3.90
Lead	(t)	235 042	237 597	248 929	258 189	257 713	9.65	-0.18
Tellurium	(t)	28	30	25	24	22	-21.43	-8.33
Tin	(t)	20 275	22 331	27 004	27 952	25 747	26.99	-7.89
Zinc	(t)	690 017	692 290	760 353	865 267	868 757	25.90	0.40
Gold	(kg)	47 799	57 743	64 885	76 822	94 214	97.10	22.64
Silver	(kg)	1 768 199	1 928 853	1 976 536	2 076 536	2 024 570	14.50	-2.50
Baryte	(t)	53 074	37 476	37 103	63 600	63 000	18.70	-0.94
Bentonite	(t)	27 682	26 961	18 592	22 285	19 563	-29.33	-12.21
Boron	(t)	40 991	40 581	39 982	46 988	17 945	-56.22	-61.81
Diatomite	(t)	25 000	25 000	24 000	20 000	18 000	-28.00	-10.00
Feldspar	(t)	14 808	9 099	5 918	2 502	3 984	-73.10	59.23
Gypsum	(t)	15 161	25 340	65 446	64 863	71 018	368.43	9.49
Kaolin	(t)	7 908	8 445	14 295	7 875	4 968	-37.18	-36.91
Phosphate	(t)	22 556	20 000	18 000	17 000	46 821	107.58	175.42
Salt	(t)	97 212	140 200	145 000	79 492	220 310	126.63	177.15
Sulfur	(t)	66 000	65 000	60 000	55 000	40 000	-39.39	-27.27
Talc	(t)	19 974	20 000	25 000	25 000	20 000	0.13	-20.00
Hard-Coal	(t)	83 160	80 000	82 000	80 000	80 000	-3.80	0.00
Nat.Gas (Mio m3)		1 000	1 428	1 150	1 100	1 000	0.00	-9.09
Oil	(t)	6 573 400	6 358 122	6 287 600	6 400 000	5 400 000	-17.85	-15.63

Remarks:

Sulphur byproduct, estimated

Philippines

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Chromium	(t)	10 881	13 316	18 524	16 673	12 188	12.01	-26.90
Manganese	(t)	800	0	0	0	0	-100.00	.
Nickel	(t)	9 985	15 074	14 700	17 400	12 840	28.59	-26.21
Arsenic	(t)	2 000	2 000	2 000	2 000	1 000	-50.00	-50.00
Copper	(t)	112 075	102 637	61 615	48 638	45 381	-59.51	-6.70
Gold	(kg)	27 059	26 889	29 958	32 494	34 038	25.79	4.75
Silver	(kg)	29 562	28 950	24 304	20 496	18 220	-38.37	-11.10
Bentonite	(t)	3 415	7 636	8 000	7 500	3 900	14.20	-48.00
Feldspar	(t)	43 805	25 950	26 000	12 717	3 824	-91.27	-69.93
Guano	(t)	100	57	50	20	25	-75.00	25.00
Kaolin	(t)	5 655	3 543	3 000	1 440	1 000	-82.32	-30.56
Magnesite	(t)	18 000	0	0	0	0	-100.00	.
Perlite	(t)	6 017	17 133	20 000	25 941	6 356	5.63	-75.50
Phosphate	(t)	2 936	3 752	4 000	4 800	7 506	155.65	56.38
Salt	(t)	562 255	600 000	620 000	686 514	700 000	24.50	1.96
Hard-Coal	(t)	1 458 071	1 320 000	1 700 000	1 100 000	1 400 000	-3.98	27.27
Oil	(t)	238 643	157 190	100 000	90 000	80 000	-66.48	-11.11

Poland

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Aluminium	(t)	49 400	52 000	52 100	53 614	52 500	6.28	-2.08
Cadmium	(t)	230	252	204	233	218	-5.22	-6.44
Copper	(t)	423 000	433 000	425 000	440 644	479 000	13.24	8.70
Lead	(t)	85 000	70 000	66 000	71 000	64 300	-24.35	-9.44
Zinc	(t)	186 000	204 000	165 000	172 000	176 000	-5.38	2.33
Gold	(kg)	463	474	530	375	370	-20.09	-1.33
Silver	(kg)	959 000	964 000	934 044	1 028 916	1 100 000	14.70	6.91
Baryte	(t)	35 000	26 000	22 000	20 000	25 000	-28.57	25.00
Bentonite	(t)	0	0	3 000	2 000	2 100	.	5.00
Feldspar	(t)	46 000	46 000	64 000	74 000	75 000	63.04	1.35
Gypsum	(t)	1 050 000	1 038 000	1 082 000	1 039 000	1 000 000	-4.76	-3.75
Kaolin	(t)	58 800	53 800	56 200	52 400	50 000	-14.97	-4.58
Magnesite	(t)	30 000	26 000	21 000	30 000	32 000	6.67	6.67
Salt	(t)	3 179 000	3 209 000	3 099 000	2 964 000	3 942 000	24.00	33.00
Sulfur	(t)	2 134 000	2 392 000	1 744 000	2 079 000	1 384 000	-35.15	-33.43
Hard-Coal	(t)	134 078 000	135 523 000	136 272 000	132 576 000	116 706 000	-12.96	-11.97
Lignite	(t)	66 782 000	63 545 000	63 845 000	63 197 000	62 820 000	-5.93	-0.60
Nat.Gas (Mio m3)		4 319	4 718	4 608	4 500	4 835	11.95	7.44
Oil	(t)	197 000	176 000	317 000	181 030	352 000	78.68	94.44

Remarks:

1994 : 206 Mio m3 methane anthrazit byproduct

1995 : 247 Mio m3 methane anthrazit byproduct

Portugal

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	5 409	5 417	7 876	7 933	8 159	50.84	2.85
Tungsten	(t)	60	873	776	1 029	1 436	2293.33	39.55
Copper	(t)	130 225	130 041	107 773	106 580	114 515	-12.06	7.45
Lead	(t)	100	100	90	0	0	-100.00	.
Lithium	(t)	170	131	114	86	200	17.65	132.56
Tin	(t)	4 332	4 627	4 637	3 566	2 958	-31.72	-17.05
Silver	(kg)	32 000	38 600	33 700	33 900	31 880	-0.38	-5.96
Baryte	(t)	50	0	100	0	0	-100.00	.
Diatomite	(t)	2 150	1 780	1 550	1 540	785	-63.49	-49.03
Feldspar	(t)	92 440	98 269	98 596	96 000	80 794	-12.60	-15.84
Gypsum	(t)	498 000	520 000	540 000	520 000	570 000	14.46	9.62
Kaolin	(t)	170 000	180 000	165 000	97 000	216 000	27.06	122.68
Salt	(t)	519 432	587 288	604 396	595 997	597 065	14.95	0.18
Talc	(t)	8 367	8 706	8 277	7 831	9 752	16.55	24.53

Hard-Coal	(t)	147 154	150 000	150 000	100 000	0	-100.00	-100.00
Uranium	(t)	28	22	17	17	19	-32.14	11.76

Remarks:

Titanium: figures not available

Puerto Rico

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Salt	(t)	37 500	37 500	37 000	36 500	36 000	-4.00	-1.37

Qatar

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Sulfur	(t)	62 300	53 900	53 000	50 000	47 000	-24.56	-6.00
Nat.Gas (Mio m3)		14 000	11 659	10 600	13 700	13 700	-2.14	0.00
Oil	(t)	21 600 000	24 305 861	24 900 000	25 100 000	30 400 000	40.74	21.12

Ras Al-Khaimah (UAE)

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Oil	(t)	50 000	24 000	46 700	46 800	47 414	-5.17	1.31

Romania

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	165 050	159 000	159 250	110 373	113 605	-31.17	2.93
Manganese	(t)	27 195	26 245	29 442	20 647	20 012	-26.41	-3.08
Bauxite	(t)	184 000	175 000	175 800	117 100	135 200	-26.52	15.46
Copper	(t)	20 100	19 088	18 149	17 419	14 378	-28.47	-17.46
Lead	(t)	8 545	6 213	6 285	6 191	6 540	-23.46	5.64
Zinc	(t)	14 570	19 500	17 350	19 200	25 052	71.94	30.48
Gold	(kg)	596	539	518	500	490	-17.79	-2.00
Silver	(kg)	25 120	14 697	15 041	18 000	18 000	-28.34	0.00
Baryte	(t)	10 470	13 935	10 000	8 000	6 644	-36.54	-16.95
Bentonite	(t)	36 140	30 000	25 000	20 000	18 042	-50.08	-9.79
Diatomite	(t)	10 140	14 450	9 530	4 000	2 657	-73.80	-33.58
Feldspar	(t)	30 900	30 920	34 975	35 000	37 010	19.77	5.74
Graphite	(t)	2 070	2 180	2 930	2 000	1 951	-5.75	-2.45

Kaolin	(t)	40 000	35 000	32 000	28 000	24 742	-38.15	-11.64
Salt	(t)	2 012 000	2 489 300	2 688 900	2 800 000	2 200 037	9.35	-21.43
Sulfur	(t)	150 000	130 000	120 000	110 000	100 000	-33.33	-9.09
Talc	(t)	9 000	10 000	10 250	10 400	8 133	-9.63	-21.80
Hard-Coal	(t)	4 789 400	4 900 000	5 338 900	4 300 000	3 200 900	-33.17	-25.56
Lignite	(t)	35 404 300	35 671 100	36 326 000	29 000 000	22 690 100	-35.91	-21.76
Nat. Gas (Mio m3)		22 000	19 026	18 165	18 000	13 700	-37.73	-23.89
Oil	(t)	6 700 000	6 700 033	6 610 000	6 700 000	6 600 000	-1.49	-1.49

Russia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	40 319 400	43 065 000	39 655 000	38 940 000	39 765 000	-1.38	2.12
Chromium	(t)	54 000	67 500	43 515	65 250	58 500	8.33	-10.34
Cobalt	(t)	3 000	3 300	3 500	3 300	3 200	6.67	-3.03
Molybdenum	(t)	4 800	4 500	4 000	4 000	2 000	-58.33	-50.00
Nickel	(t)	215 000	200 000	190 000	260 000	250 000	16.28	-3.85
Titanium	(t)	10 000	16 000	21 000	26 000	22 000	120.00	-15.38
Tungsten	(t)	2 000	2 000	600	500	600	-70.00	20.00
Vanadium	(t)	10 000	10 500	10 000	11 000	9 000	-10.00	-18.18
Aluminium	(t)	2 670 000	2 790 000	2 150 000	2 380 000	2 465 000	-7.68	3.57
Antimony	(t)	7 000	6 500	7 000	6 000	4 000	-42.86	-33.33
Arsenic	(t)	2 000	1 500	1 500	1 500	1 200	-40.00	-20.00
Bauxite	(t)	3 633 000	3 000 000	3 000 000	3 350 000	3 450 000	-5.04	2.99
Bismuth	(t)	0	50	50	50	35	.	-30.00
Cadmium	(t)	582	725	730	790	800	37.46	1.27
Copper	(t)	545 500	591 000	620 000	505 000	515 000	-5.59	1.98
Germanium	(t)	10	9	9	8	7	-30.00	-12.50
Lead	(t)	40 000	38 000	30 000	20 000	19 000	-52.50	-5.00
Lithium	(t)	1 600	800	800	800	750	-53.13	-6.25
Mercury	(t)	50	40	40	40	50	0.00	25.00
Tin	(t)	5 000	9 000	8 000	7 500	4 500	-10.00	-40.00
Zinc	(t)	200 000	200 000	199 000	121 000	115 000	-42.50	-4.96
Gold	(kg)	142 578	131 938	123 347	123 000	104 000	-27.06	-15.45
Platinum	(kg)	58 000	50 000	20 000	17 000	17 000	-70.69	0.00
Silver	(kg)	800 000	800 000	750 000	400 000	350 000	-56.25	-12.50
Asbestos	(t)	1 000 000	800 000	800 000	700 000	650 000	-35.00	-7.14
Baryte	(t)	0	70 000	70 000	70 000	60 000	.	-14.29
Bentonite	(t)	1 500 000	1 400 000	1 400 000	1 300 000	1 250 000	-16.67	-3.85
Diam. (Gem)	(c)	8 560 000	8 500 000	9 250 000	9 550 000	10 500 000	22.66	9.95
Diam. (Ind)	(c)	8 560 000	8 500 000	9 250 000	9 550 000	10 500 000	22.66	9.95
Feldspar	(t)	70 000	55 000	55 000	75 000	80 000	14.29	6.67
Fluorspar	(t)	60 000	137 500	137 500	137 500	250 000	316.67	81.82
Graphite	(t)	8 000	7 500	7 000	6 800	6 500	-18.75	-4.41
Gypsum	(t)	1 200 000	1 000 000	700 000	650 000	600 000	-50.00	-7.69
Kaolin	(t)	1 000 000	1 000 000	1 500 000	1 500 000	1 400 000	40.00	-6.67
Magnesite	(t)	800 000	1 200 000	1 300 000	1 500 000	1 700 000	112.50	13.33

Perlite	(t)	100 000	100 000	90 000	80 000	70 000	-30.00	-12.50
Phosphate	(t)	3 000 000	1 275 000	1 081 500	1 080 000	1 425 000	-52.50	31.94
Potash	(t)	2 800 000	2 800 000	2 700 000	3 400 000	3 500 000	25.00	2.94
Salt	(t)	3 500 000	3 400 000	2 000 000	1 600 000	1 500 000	-57.14	-6.25
Sulfur	(t)	1 830 000	1 900 000	2 500 000	3 000 000	3 670 000	100.55	22.33
Talc	(t)	300 000	300 000	280 000	250 000	230 000	-23.33	-8.00
Vermiculite	(t)	50 000	40 000	40 000	35 000	30 000	-40.00	-14.29
Hard-Coal	(t)	180 700 000	170 500 000	194 900 000	161 000 000	153 920 000	-14.82	-4.40
Lignite	(t)	90 300 000	91 700 000	60 100 000	83 000 000	76 780 000	-14.97	-7.49
Nat.Gas (Mio m3)		565 420	595 400	587 657	571 000	591 015	4.53	3.51
Oil	(t)	316 000 000	325 990 625	301 000 000	346 576 400	343 396 800	8.67	-0.92
Oil-Shale	(t)	7 000 000	2 300 000	2 200 000	2 000 000	2 000 000	-71.43	0.00
Uranium	(t)	3 000	2 250	2 400	2 358	2 358	-21.40	0.00

Remarks:

1996 : Tungsten-mine was shut down between February and November 1996

Rwanda

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Tantalum-Col.	(t)	100	100	99	256	260	160.00	1.56
Tungsten	(t)	65	85	104	78	75	15.38	-3.85
Tin	(t)	0	0	208	0	140	.	.
Gold	(kg)	800	750	400	130	120	-85.00	-7.69

Remarks:

Tin: production figures for 1994, 1995, 1997 not available

Saudi Arabia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	0	155 000	139 160	110 000	100 000	.	-9.09
Copper	(t)	919	814	786	703	782	-14.91	11.24
Zinc	(t)	500	386	380	619	355	-29.00	-42.65
Gold	(kg)	7 630	8 137	7 692	5 320	5 099	-33.17	-4.15
Silver	(kg)	16 990	17 681	16 536	17 000	13 844	-18.52	-18.56
Baryte	(t)	0	0	8 000	5 680	5 479	.	-3.54
Feldspar	(t)	0	11 000	10 000	7 500	10 000	.	33.33
Gypsum	(t)	375 000	370 000	429 200	406 954	460 000	22.67	13.03
Kaolin	(t)	0	30 000	7 000	6 700	7 100	.	5.97
Salt	(t)	0	91 000	128 000	155 575	104 347	.	-32.93
Sulfur	(t)	1 600 000	1 000 000	1 500 000	1 600 000	1 500 000	-6.25	-6.25
Nat.Gas (Mio m3)		37 995	40 661	43 910	43 000	43 000	13.17	0.00
Oil	(t)	402 800 000	402 800 000	400 900 000	415 900 000	404 100 000	0.32	-2.84

Senegal

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	0	0	567	600	620	.	3.33
Phosphate	(t)	617 100	574 992	628 140	593 560	566 200	-8.25	-4.61
Salt	(t)	117 000	25 100	57 000	50 000	48 000	-58.97	-4.00
Nat.Gas	(Mio m3)	0	0	50	60	65	.	8.33

Seychellen

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Guano	(t)	1 000	1 000	900	900	800	-20.00	-11.11

Sharjah (UAE)

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Nat.Gas	(Mio m3)	6 000	4 000	4 500	4 500	4 700	-21.67	4.44
Oil	(t)	417 268	240 000	391 100	395 400	395 590	-5.20	0.05

Sierra Leone

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Titanium	(t)	171 009	174 901	160 000	150 000	184 790	8.06	23.19
Bauxite	(t)	735 000	0	0	0	0	-100.00	.
Gold	(kg)	125	130	588	400	370	196.00	-7.50
Diam. (Gem)	(c)	170 850	142 710	180 962	69 680	201 000	17.65	188.46
Diam. (Ind)	(c)	84 150	76 150	89 130	34 320	99 000	17.65	188.46

Singapore

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Sulfur	(t)	60 000	0	0	0	0	-100.00	.

Slovakia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	289 400	261 027	256 000	264 174	262 416	-9.32	-0.67
Aluminium	(t)	32 800	60 561	70 000	110 100	108 006	229.29	-1.90
Copper	(t)	570	400	913	691	670	17.54	-3.04
Gold	(kg)	365	476	470	456	340	-6.85	-25.44
Silver	(kg)	332	372	367	356	436	31.33	22.47
Baryte	(t)	39 765	41 600	45 600	18 500	15 300	-61.52	-17.30
Bentonite	(t)	45 700	52 500	76 000	77 000	56 900	24.51	-26.10
Diatomite	(t)	5 300	5 000	4 500	3 000	2 500	-52.83	-16.67
Kaolin	(t)	24 100	13 300	17 000	24 500	22 000	-8.71	-10.20
Magnesite	(t)	989 740	814 500	825 000	868 000	877 800	-11.31	1.13
Perlite	(t)	18 900	18 200	27 000	25 000	24 000	26.98	-4.00
Salt	(t)	99 600	99 600	103 200	97 000	102 200	2.61	5.36
Talc	(t)	30 900	26 000	26 200	26 000	21 200	-31.39	-18.46
Lignite	(t)	4 078 240	3 759 572	3 829 062	3 914 000	3 890 000	-4.62	-0.61
Nat.Gas (Mio m3)		200	345	317	289	311	55.50	7.61
Oil	(t)	67 078	74 300	71 314	64 480	46 000	-31.42	-28.66

Slovenia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Aluminium	(t)	74 282	35 595	100 316	74 400	73 803	-0.64	-0.80
Lead	(t)	524	0	0	0	0	-100.00	.
Mercury	(t)	0	4	0	0	0	.	.
Zinc	(t)	1 819	0	0	0	0	-100.00	.
Kaolin	(t)	3 562	0	0	0	0	-100.00	.
Lignite	(t)	4 854 000	4 883 700	4 668 080	4 163 000	4 891 287	0.77	17.49
Nat.Gas (Mio m3)		13	18	13	15	8	-38.46	-46.67
Oil	(t)	1 716	1 858	1 405	1 900	854	-50.23	-55.05

Remarks:

Idria Mercury mine is in the phase of closing down.
Periodical Hg-production less the 1 t.

Solomon Islands

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gold	(kg)	31	31	30	28	25	-19.35	-10.71
Silver	(kg)	9	9	8	5	3	-66.67	-40.00

Remarks:

Au purchased; Ag refined

Somalia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	1 000	1 000	900	800	700	-30.00	-12.50
Salt	(t)	5 000	4 000	3 500	3 000	2 700	-46.00	-10.00

South Africa, Rep. of

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	21 008 790	20 908 365	18 497 940	19 920 000	19 779 000	-5.85	-0.71
Chromium	(t)	1 547 773	2 337 667	2 137 506	2 468 629	2 786 400	80.03	12.87
Cobalt	(t)	258	190	244	319	296	14.73	-7.21
Manganese	(t)	1 226 000	1 392 740	1 393 229	1 341 884	1 308 920	6.76	-2.46
Nickel	(t)	30 135	29 602	33 861	34 830	36 700	21.79	5.37
Titanium	(t)	550 000	830 000	930 000	1 040 000	1 100 000	100.00	5.77
Vanadium	(t)	16 000	15 500	14 800	16 950	17 159	7.24	1.23
Aluminium	(t)	172 111	233 000	617 000	682 900	692 500	302.36	1.41
Antimony	(t)	4 534	5 537	5 137	3 415	4 243	-6.42	24.25
Copper	(t)	165 213	159 475	152 062	153 058	166 000	0.48	8.46
Lead	(t)	95 824	87 965	88 613	83 114	84 100	-12.23	1.19
Rare Earths	(t)	700	300	0	0	0	-100.00	.
Tin	(t)	43	0	0	0	0	-100.00	.
Zinc	(t)	76 361	70 240	76 853	71 062	69 600	-8.85	-2.06
Gold	(kg)	579 295	524 640	496 846	491 500	464 200	-19.87	-5.55
Platinum	(kg)	164 806	184 331	188 636	196 466	200 100	21.42	1.85
Silver	(kg)	195 754	172 912	168 689	143 968	144 500	-26.18	0.37
Asbestos	(t)	92 130	89 406	56 900	49 986	27 200	-70.48	-45.58
Baryte	(t)	1 945	6 048	7 423	2 071	600	-69.15	-71.03
Bentonite	(t)	71 773	70 927	48 076	33 326	48 400	-32.57	45.23
Diam. (Gem)	(c)	4 341 461	3 933 856	3 978 700	4 016 552	4 302 400	-0.90	7.12
Diam. (Ind)	(c)	6 512 192	5 900 785	5 968 050	6 024 828	6 453 600	-0.90	7.12
Diatomite	(t)	600	500	400	350	300	-50.00	-14.29
Feldspar	(t)	37 156	49 224	53 644	59 688	56 800	52.87	-4.84
Fluorspar	(t)	174 258	195 794	202 018	206 765	228 600	31.18	10.56
Gypsum	(t)	304 377	299 975	340 688	365 279	485 700	59.57	32.97
Kaolin	(t)	131 863	146 527	146 496	120 148	101 300	-23.18	-15.69
Magnesite	(t)	71 726	84 289	71 358	76 699	74 300	3.59	-3.13
Perlite	(t)	914	1 338	682	650	630	-31.07	-3.08
Phosphate	(t)	1 190 000	2 790 000	2 790 000	2 732 000	2 700 000	126.89	-1.17
Potash	(t)	0	2 400	0	0	0	.	.
Salt	(t)	414 463	313 465	248 110	320 000	356 100	-14.08	11.28
Sulfur	(t)	488 716	458 962	476 235	466 192	451 900	-7.53	-3.07
Talc	(t)	13 709	14 730	18 537	23 184	22 832	66.55	-1.52
Vermiculite	(t)	223 478	221 748	186 082	211 001	221 300	-0.97	4.88
Zircon	(t)	230 000	250 000	346 500	265 000	260 000	13.04	-1.89
Hard-Coal	(t)	195 805 440	204 275 895	206 362 033	218 617 320	224 580 000	14.70	2.73
Uranium	(t)	1 906	1 699	1 706	1 324	1 138	-40.29	-14.05

Spain

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	917 000	944 000	1 269 000	580 000	520 000	-43.29	-10.34
Aluminium	(t)	338 000	361 000	361 826	359 900	360 400	6.63	0.14
Cadmium	(t)	360	397	297	301	196	-45.56	-34.88
Copper	(t)	4 940	22 359	38 397	38 281	37 185	652.73	-2.86
Lead	(t)	24 000	30 000	24 000	23 000	19 000	-20.83	-17.39
Mercury	(t)	345	620	862	389	672	94.78	72.75
Tin	(t)	5	2	2	4	5	0.00	25.00
Zinc	(t)	150 000	172 000	145 000	147 000	128 000	-14.67	-12.93
Gold	(kg)	5 852	3 255	2 763	1 824	3 295	-43.69	80.65
Silver	(kg)	132 000	102 000	103 000	66 000	25 000	-81.06	-62.12
Baryte	(t)	4 000	30 103	81 621	85 000	83 000	1975.00	-2.35
Bentonite	(t)	148 663	150 000	120 199	120 000	110 000	-26.01	-8.33
Diatomite	(t)	70 000	28 271	34 122	35 000	36 000	-48.57	2.86
Feldspar	(t)	250 000	465 000	420 000	398 000	430 000	72.00	8.04
Fluorspar	(t)	100 000	112 000	117 000	120 000	124 000	24.00	3.33
Gypsum	(t)	7 350 000	7 700 000	7 900 000	8 300 000	9 250 000	25.85	11.45
Kaolin	(t)	290 000	300 000	318 000	296 000	310 000	6.90	4.73
Magnesite	(t)	150 000	219 000	199 000	171 000	170 000	13.33	-0.58
Potash	(t)	659 000	637 000	680 000	639 000	585 000	-11.23	-8.45
Salt	(t)	2 850 000	3 500 000	3 494 000	3 548 000	3 620 000	27.02	2.03
Sulfur	(t)	702 000	702 000	600 000	700 000	750 000	6.84	7.14
Talc	(t)	80 606	112 341	362 000	380 000	385 000	377.63	1.32
Hard-Coal	(t)	13 984 000	17 689 000	18 866 000	17 993 000	16 321 000	16.71	-9.29
Lignite	(t)	15 499 000	10 775 000	9 604 000	8 462 000	9 750 000	-37.09	15.22
Nat.Gas (Mio m3)		200	415	466	178	112	-44.00	-37.08
Oil	(t)	806 000	652 000	516 000	380 000	535 000	-33.62	40.79
Uranium	(t)	363	334	346	350	351	-3.31	0.29

Sri Lanka

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Titanium	(t)	34 312	32 000	36 030	21 940	19 917	-41.95	-9.22
Rare Earths	(t)	200	120	120	120	100	-50.00	-16.67
Feldspar	(t)	6 595	6 500	6 000	2 010	3 387	-48.64	68.51
Graphite	(t)	2 969	3 500	4 000	4 613	5 260	77.16	14.03
Kaolin	(t)	4 559	4 500	4 000	7 562	13 172	188.92	74.19
Phosphate	(t)	12 240	12 300	12 500	9 768	12 784	4.44	30.88
Salt	(t)	120 000	120 000	125 000	126 000	126 000	5.00	0.00
Zircon	(t)	22 321	18 000	20 000	12 450	8 814	-60.51	-29.20

Sudan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Chromium	(t)	5 150	9 900	7 500	13 300	14 000	171.84	5.26
Gold	(kg)	2 346	3 367	3 100	5 634	6 000	155.75	6.50
Gypsum	(t)	1 900	1 800	2 000	9 212	15 000	689.47	62.83
Salt	(t)	91 000	59 780	60 000	60 000	55 000	-39.56	-8.33

Suriname

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Aluminium	(t)	26 700	28 100	26 000	23 100	27 100	1.50	17.32
Bauxite	(t)	3 200 000	3 502 132	4 000 000	3 877 000	3 890 000	21.56	0.34
Oil	(t)	328 599	371 540	414 410	420 000	260 793	-20.63	-37.91

Swaziland

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Asbestos	(t)	26 720	28 570	26 000	25 900	27 700	3.67	6.95
Diam. (Gem)	(c)	12 000	12 000	12 800	13 000	13 200	10.00	1.54
Diam. (Ind)	(c)	40 000	40 000	51 200	52 000	52 800	32.00	1.54
Hard-Coal	(t)	227 730	171 670	128 970	203 100	410 000	80.04	101.87

Sweden

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	12 584 384	10 678 841	9 416 960	9 809 205	13 461 760	6.97	37.24
Aluminium	(t)	83 900	95 170	100 000	99 000	95 700	14.06	-3.33
Arsenic	(t)	200	0	0	0	0	-100.00	.
Copper	(t)	79 384	83 603	71 554	86 610	73 685	-7.18	-14.92
Lead	(t)	112 787	100 070	98 064	108 610	114 430	1.46	5.36
Zinc	(t)	159 858	167 962	160 325	155 385	164 711	3.04	6.00
Gold	(kg)	6 364	6 528	6 100	6 777	5 944	-6.60	-12.29
Silver	(kg)	276 042	268 200	272 000	304 050	299 051	8.34	-1.64
Feldspar	(t)	55 000	50 000	55 000	41 400	33 000	-40.00	-20.29
Graphite	(t)	0	0	500	1 470	3 277	.	122.93
Sulfur	(t)	20 000	20 000	0	0	0	-100.00	.
Talc	(t)	25	25	30	25	24	-4.00	-4.00
Oil	(t)	500	0	0	0	0	-100.00	.

Switzerland

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Aluminium	(t)	24 200	20 700	20 000	27 300	32 100	32.64	17.58
Gypsum	(t)	298 700	321 800	312 940	293 828	274 300	-8.17	-6.65
Salt	(t)	262 000	413 000	464 000	415 400	400 900	53.02	-3.49
Nat.Gas (Mio m3)		1	0	0	0	0	-100.00	.

Syria

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	301 600	300 000	358 438	329 910	290 355	-3.73	-11.99
Phosphate	(t)	366 559	400 000	656 352	741 173	748 236	104.12	0.95
Salt	(t)	77 431	78 000	72 415	66 975	78 757	1.71	17.59
Sulfur	(t)	14 815	15 000	15 000	0	0	-100.00	.
Nat.Gas (Mio m3)		2 301	2 902	2 930	3 000	3 100	34.72	3.33
Oil	(t)	28 102 991	31 947 082	31 700 000	29 500 000	29 500 000	4.97	0.00

Taiwan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Feldspar	(t)	854	0	0	0	0	-100.00	.
Gypsum	(t)	2 886	0	0	0	0	-100.00	.
Kaolin	(t)	102 160	100 000	102 000	100 000	0	-100.00	-100.00
Salt	(t)	414 712	400 000	410 000	420 000	300 000	-27.66	-28.57
Sulfur	(t)	154 778	150 000	152 000	153 000	184 324	19.09	20.47
Talc	(t)	4 290	4 000	3 800	4 500	7 750	80.65	72.22
Hard-Coal	(t)	285 099	234 965	147 497	98 203	79 310	-72.18	-19.24
Nat.Gas (Mio m3)		866	889	874	849	870	0.46	2.47
Oil	(t)	62 787	62 000	0	0	0	-100.00	.

Tajikistan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Tungsten	(t)	150	100	75	50	0	-100.00	-100.00
Aluminium	(t)	250 000	230 000	198 000	188 900	195 600	-21.76	3.55
Antimony	(t)	1 000	800	500	600	995	-0.50	65.83
Bismuth	(t)	10	8	8	7	5	-50.00	-28.57
Lead	(t)	1 200	1 000	1 000	900	800	-33.33	-11.11
Mercury	(t)	70	60	60	50	11	-84.29	-78.00
Gold	(kg)	1 500	1 000	1 500	2 550	3 200	113.33	25.49

Gypsum	(t)	300 000	250 000	250 000	230 000	200 000	-33.33	-13.04
Hard-Coal	(t)	150 000	100 000	80 000	50 000	10 000	-93.33	-80.00
Nat.Gas (Mio m3)		37	30	43	40	36	-2.70	-10.00
Oil	(t)	38 000	38 000	30 000	28 000	25 000	-34.21	-10.71

Remarks:

Au production expanding through joint venture

Tanzania

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Tin	(t)	6	3	0	0	0	-100.00	.
Gold	(kg)	280	320	318	315	300	7.14	-4.76
Diam. (Gem)	(c)	19 182	42 107	51 000	42 500	79 050	312.11	86.00
Diam. (Ind)	(c)	3 385	7 431	9 000	7 500	13 950	312.11	86.00
Graphite	(t)	0	100	200	250	250	.	0.00
Gypsum	(t)	19 000	0	0	0	0	-100.00	.
Kaolin	(t)	520	596	1 332	1 000	1 200	130.77	20.00
Phosphate	(t)	0	0	717	800	850	.	6.25
Salt	(t)	60 000	105 000	86 700	85 000	82 000	36.67	-3.53
Hard-Coal	(t)	42 000	43 200	52 000	100 000	100 000	138.10	0.00

Thailand

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	88 533	34 480	85 880	44 000	90 700	2.45	106.14
Manganese	(t)	2 900	3 478	3 095	291	52	-98.21	-82.13
Titanium	(t)	950	0	0	0	0	-100.00	.
Tungsten	(t)	116	92	67	54	61	-47.41	12.96
Antimony	(t)	696	522	149	125	442	-36.49	253.60
Lead	(t)	7 859	9 576	8 686	5 040	6 445	-17.99	27.88
Rare Earths	(t)	65	50	0	0	0	-100.00	.
Tin	(t)	2 827	1 585	1 049	756	2 028	-28.26	168.25
Zinc	(t)	69 928	27 040	36 247	18 200	39 024	-44.19	114.42
Gold	(kg)	96	103	32	30	25	-73.96	-16.67
Baryte	(t)	31 096	21 134	20 404	36 832	96 421	210.08	161.79
Bentonite	(t)	5 125	8 285	9 000	3 200	5 806	13.29	81.44
Diatomite	(t)	6 874	5 591	1 576	2 000	912	-86.73	-54.40
Feldspar	(t)	528 027	660 563	662 200	536 000	325 289	-38.40	-39.31
Fluorspar	(t)	23 705	24 144	17 247	7 826	3 743	-84.21	-52.17
Gypsum	(t)	8 139 817	8 533 225	9 251 580	8 557 000	4 333 804	-46.76	-49.35

Kaolin	(t)	417 064	460 629	553 770	296 510	248 461	-40.43	-16.20
Phosphate	(t)	1 935	2 000	3 528	3 818	3 029	56.54	-20.67
Salt	(t)	287 806	380 511	529 674	555 000	546 096	89.74	-1.60
Talc	(t)	45 000	80 541	71 668	30 500	21 720	-51.73	-28.79
Zircon	(t)	326	0	5	10	0	-100.00	-100.00
Hard-Coal	(t)	22 000	0	0	0	0	-100.00	.
Lignite	(t)	17 099 654	18 418 738	21 685 894	23 443 000	20 161 721	17.91	-14.00
Nat.Gas (Mio m3)		10 726	10 400	10 500	13 000	17 614	64.22	35.49
Oil	(t)	1 309 107	1 165 921	1 064 890	1 364 121	1 523 846	16.40	11.71

Togo

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Phosphate	(t)	782 666	946 920	1 013 600	983 554	850 700	8.69	-13.51

Trinidad and Tobago

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Nat.Gas (Mio m3)		6 500	7 762	8 100	8 000	9 581	47.40	19.76
Oil	(t)	6 300 000	6 803 502	7 000 000	6 800 000	6 387 630	1.39	-6.06

Tunisia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	129 600	121 500	129 060	136 080	118 800	-8.33	-12.70
Lead	(t)	2 800	6 160	4 480	2 000	7 000	150.00	250.00
Zinc	(t)	15 930	47 763	34 220	5 000	33 630	111.11	572.60
Silver	(kg)	1 100	2 500	1 500	1 500	400	-63.64	-73.33
Baryte	(t)	16 000	8 000	16 000	14 000	9 000	-43.75	-35.71
Fluorspar	(t)	1 000	2 000	1 000	2 000	1 000	0.00	-50.00
Gypsum	(t)	200 000	180 000	180 000	160 000	150 000	-25.00	-6.25
Phosphate	(t)	1 011 420	1 134 360	1 287 180	1 357 380	1 430 280	41.41	5.37
Salt	(t)	528 000	319 000	557 000	437 000	466 000	-11.74	6.64
Nat.Gas (Mio m3)		159	121	794	1 653	1 899	1094.34	14.88
Oil	(t)	4 364 000	4 215 000	4 183 000	3 793 000	3 898 000	-10.68	2.77

Remarks:

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

1998 : new lead and zinc operations

Turkey

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	3 867 271	3 303 888	4 205 498	4 112 421	3 943 237	1.96	-4.11
Chromium	(t)	495 468	409 500	547 403	812 793	604 997	22.11	-25.57
Aluminium	(t)	59 700	61 500	62 100	62 000	61 800	3.52	-0.32
Antimony	(t)	357	744	1 163	810	585	63.87	-27.78
Bauxite	(t)	373 381	232 278	285 570	210 548	261 076	-30.08	24.00
Cadmium	(t)	36	36	36	86	69	91.67	-19.77
Copper	(t)	29 891	33 700	53 607	39 675	50 814	70.00	28.08
Lead	(t)	9 800	2 500	12 000	12 000	10 800	10.20	-10.00
Zinc	(t)	35 100	35 000	50 000	32 000	45 795	30.47	43.11
Silver	(kg)	69 000	88 000	72 800	75 669	82 860	20.09	9.50
Baryte	(t)	57 429	100 751	155 000	140 840	160 042	178.68	13.63
Bentonite	(t)	516 187	605 499	400 000	519 487	565 708	9.59	8.90
Boron	(t)	1 139 980	1 143 994	1 482 000	1 017 697	1 597 367	40.12	56.96
Feldspar	(t)	502 608	760 250	500 000	200 000	734 311	46.10	267.16
Fluorspar	(t)	6 671	8 873	4 828	5 000	5 034	-24.54	0.68
Graphite	(t)	20 000	20 000	20 000	19 000	18 000	-10.00	-5.26
Gypsum	(t)	486 704	670 208	679 595	784 662	351 557	-27.77	-55.20
Kaolin	(t)	179 775	489 635	300 000	477 383	403 733	124.58	-15.43
Magnesite	(t)	1 365 527	1 928 064	2 341 922	1 119 103	2 703 720	98.00	141.60
Perlite	(t)	250 000	371 058	175 000	134 349	124 312	-50.28	-7.47
Salt	(t)	1 353 306	1 442 050	2 012 000	2 500 000	2 169 626	60.32	-13.21
Sulfur	(t)	100 000	100 000	90 000	80 000	70 000	-30.00	-12.50
Talc	(t)	4 000	3 500	3 000	3 200	3 700	-7.50	15.63
Hard-Coal	(t)	4 210 780	3 377 334	3 320 000	4 444 865	3 336 021	-20.77	-24.95
Lignite	(t)	55 038 339	56 031 099	50 000 000	56 093 384	66 498 602	20.82	18.55
Nat.Gas (Mio m3)		199	182	204	450	562	182.41	24.89
Oil	(t)	3 684 648	3 515 689	3 500 193	3 427 814	3 226 873	-12.42	-5.86

Turkmenistan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Bentonite	(t)	50 000	50 000	48 000	45 000	40 000	-20.00	-11.11
Gypsum	(t)	150 000	120 000	169 577	137 400	130 000	-13.33	-5.39
Salt	(t)	10 000	10 000	15 000	30 000	35 000	250.00	16.67
Sulfur	(t)	117 000	100 000	100 000	150 000	170 000	45.30	13.33
Nat.Gas (Mio m3)		35 000	30 000	35 200	17 300	14 000	-60.00	-19.08
Oil	(t)	4 100 000	4 000 000	4 400 000	4 700 000	6 500 000	58.54	38.30

Uganda

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Tungsten	(t)	12	17	0	40	7	-41.67	-82.50
Tin	(t)	5	5	5	4	1	-80.00	-75.00
Gold	(kg)	1 686	1 800	2 000	6 830	8 150	383.39	19.33
Gypsum	(t)	0	0	0	0	142	.	.
Kaolin	(t)	0	0	0	0	100 000	.	.
Salt	(t)	4 000	3 500	3 000	2 500	2 000	-50.00	-20.00

Ukraine

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	51 464 000	50 400 000	47 600 000	53 000 000	50 700 000	-1.48	-4.34
Manganese	(t)	1 000 000	1 100 000	1 040 000	1 030 000	1 446 900	44.69	40.48
Nickel	(t)	2 396	2 200	500	0	0	-100.00	.
Titanium	(t)	224 283	200 000	200 000	200 000	250 000	11.47	25.00
Aluminium	(t)	100 000	90 000	90 000	100 000	106 700	6.70	6.70
Mercury	(t)	41	50	50	45	40	-2.44	-11.11
Graphite	(t)	5 755	5 000	5 000	4 800	4 500	-21.81	-6.25
Potash	(t)	70 000	110 000	100 000	100 000	60 000	-14.29	-40.00
Salt	(t)	3 272 713	3 500 000	3 000 000	2 800 000	2 500 000	-23.61	-10.71
Sulfur	(t)	362 273	310 000	170 000	100 000	97 000	-73.22	-3.00
Vermiculite	(t)	0	0	0	0	50 000	.	.
Zircon	(t)	50 000	65 000	65 000	55 000	50 000	0.00	-9.09
Hard-Coal	(t)	85 000 000	80 000 000	67 200 000	73 900 000	59 395 000	-30.12	-19.63
Lignite	(t)	4 148 000	3 600 000	3 100 000	2 000 000	2 000 000	-51.78	0.00
Nat.Gas (Mio m3)		19 221	20 000	18 400	18 100	17 920	-6.77	-0.99
Oil	(t)	4 248 200	4 500 000	4 100 000	4 100 000	3 895 000	-8.31	-5.00
Uranium	(t)	500	500	550	500	500	0.00	0.00

United Kingdom

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	299	230	276	276	276	-7.69	0.00
Aluminium	(t)	231 200	238 000	240 000	247 700	258 400	11.76	4.32
Cadmium	(t)	469	549	537	455	440	-6.18	-3.30
Lead	(t)	2 000	1 600	1 800	2 000	1 600	-20.00	-20.00
Tin	(t)	1 900	2 000	2 100	2 400	400	-78.95	-83.33

Baryte	(t)	54 000	85 000	93 000	74 000	68 000	25.93	-8.11
Bentonite	(t)	134 000	133 000	143 000	140 000	138 000	2.99	-1.43
Diatomite	(t)	200	0	0	0	0	-100.00	.
Feldspar	(t)	8 000	8 000	7 500	7 000	6 500	-18.75	-7.14
Fluorspar	(t)	50 000	55 000	65 000	67 000	65 000	30.00	-2.99
Gypsum	(t)	2 000 000	2 000 000	2 000 000	2 000 000	2 000 000	0.00	0.00
Kaolin	(t)	2 530 000	2 586 000	2 281 000	2 400 000	2 400 000	-5.14	0.00
Potash	(t)	610 234	611 497	650 663	696 968	640 544	4.97	-8.10
Salt	(t)	6 909 000	7 100 000	7 012 000	6 600 000	4 800 700	-30.52	-27.26
Sulfur	(t)	205 000	205 000	200 000	150 000	130 000	-36.59	-13.33
Talc	(t)	5 000	4 000	5 000	6 000	5 000	0.00	-16.67
Hard-Coal	(t)	48 971 000	52 630 000	50 196 000	48 600 000	41 300 000	-15.66	-15.02
Lignite	(t)	2 000	1 000	0	0	0	-100.00	.
Nat.Gas (Mio m3)		46 534	76 000	89 200	92 000	93 800	101.57	1.96
Oil	(t)	119 032 000	121 800 000	122 500 000	119 500 000	138 900 000	16.69	16.23

Remarks:

Kaolin: sales; crude oil without condensate; bentonite: fuller's earth; Cd: refined

United States

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	36 788 000	39 577 000	39 186 000	38 000 000	37 926 000	3.09	-0.19
Molybdenum	(t)	46 810	60 877	54 900	58 500	53 500	14.29	-8.55
Nickel	(t)	2 000	1 557	1 500	1 500	4 290	114.50	186.00
Titanium	(t)	165 000	150 000	150 000	130 000	150 000	-9.09	15.38
Tungsten	(t)	100	100	100	100	100	0.00	0.00
Vanadium	(t)	1 500	1 991	2 700	2 500	2 000	33.33	-20.00
Aluminium	(t)	3 299 000	3 375 000	3 577 000	3 600 000	3 712 690	12.54	3.13
Antimony	(t)	0	0	242	240	242	.	0.83
Bauxite	(t)	40 000	0	0	0	0	-100.00	.
Cadmium	(t)	1 011	1 266	1 525	1 750	2 100	107.72	20.00
Copper	(t)	1 323 038	1 310 625	1 344 862	1 920 000	1 959 367	48.10	2.05
Germanium	(t)	16	19	18	20	22	37.50	10.00
Lead	(t)	370 225	393 640	435 945	450 000	481 000	29.92	6.89
Lithium	(t)	4 000	4 000	4 000	3 500	2 500	-37.50	-28.57
Mercury	(t)	15	0	0	0	0	-100.00	.
Rare Earths	(t)	20 000	22 239	20 400	20 000	10 000	-50.00	-50.00
Tellurium	(t)	90	90	90	90	90	0.00	0.00
Zinc	(t)	597 576	643 877	628 063	607 000	755 000	26.34	24.38
Gold	(kg)	326 553	316 913	318 078	341 000	366 000	12.08	7.33
Platinum	(kg)	8 398	6 842	7 940	10 800	13 810	64.44	27.87
Silver	(kg)	1 485 949	1 564 993	1 573 170	1 660 000	2 060 000	38.63	24.10
Asbestos	(t)	10 100	9 288	9 552	9 070	5 760	-42.97	-36.49
Baryte	(t)	583 000	543 000	661 926	700 000	660 000	13.21	-5.71
Bentonite	(t)	3 290 708	3 817 853	3 738 310	3 780 000	3 820 000	16.08	1.06
Boron	(t)	1 106 000	1 194 000	1 150 000	1 200 000	1 170 000	5.79	-2.50
Diatomite	(t)	612 708	687 082	697 541	705 000	725 000	18.33	2.84
Feldspar	(t)	765 202	880 399	889 792	930 000	820 000	7.16	-11.83

Fluorspar	(t)	49 000	51 000	27 900	20 000	10 000	-79.59	-50.00
Gypsum	(t)	17 200 000	16 587 000	17 500 000	17 000 000	18 500 000	7.56	8.82
Kaolin	(t)	8 770 733	9 481 810	9 121 220	8 990 000	9 450 000	7.74	5.12
Perlite	(t)	644 275	700 103	648 396	703 000	685 000	6.32	-2.56
Phosphate	(t)	12 117 600	12 765 000	13 000 000	14 000 000	12 900 000	6.46	-7.86
Potash	(t)	1 400 000	1 480 000	1 390 000	1 430 000	1 300 000	-7.14	-9.09
Salt	(t)	39 845 000	42 150 000	42 200 000	41 400 000	40 763 000	2.30	-1.54
Sulfur	(t)	11 474 000	11 798 000	11 979 000	11 900 000	10 058 000	-12.34	-15.48
Talc	(t)	934 725	1 058 650	994 314	1 060 000	1 060 000	13.40	0.00
Vermiculite	(t)	177 000	170 000	170 000	150 000	180 000	1.69	20.00
Zircon	(t)	125 000	100 000	100 000	80 000	70 000	-44.00	-12.50
Hard-Coal	(t)	857 675 000	856 019 000	883 390 320	908 400 000	934 200 000	8.92	2.84
Lignite	(t)	79 906 000	78 109 000	80 609 680	79 000 000	50 000 000	-37.43	-36.71
Nat.Gas (Mio m3)		670 518	679 834	537 200	537 700	534 400	-20.30	-0.61
Oil	(t)	347 479 927	389 200 000	400 300 000	398 100 000	402 000 000	15.69	0.98
Uranium	(t)	1 289	2 324	2 400	2 170	2 207	71.22	1.71

Remarks:

Lithium, Titanium and Bauxite production figures withheld; estimated

Uruguay

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	0	735	845	2 210	2 500	.	13.12
Bentonite	(t)	0	140	58	60	65	.	8.33
Feldspar	(t)	2 870	5 099	2 006	3 229	3 500	21.95	8.39
Gypsum	(t)	90 317	90 000	95 000	90 000	85 000	-5.89	-5.56
Talc	(t)	913	863	800	914	950	4.05	3.94

Uzbekistan

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Molybdenum	(t)	700	500	700	650	600	-14.29	-7.69
Tungsten	(t)	0	300	300	300	250	.	-16.67
Bismuth	(t)	10	10	10	5	3	-70.00	-40.00
Copper	(t)	69 600	40 000	64 000	65 000	70 000	0.57	7.69
Lead	(t)	18 500	10 000	10 000	2 000	900	-95.14	-55.00
Zinc	(t)	18 000	15 000	12 000	3 000	1 100	-93.89	-63.33
Gold	(kg)	75 000	80 000	71 000	70 000	81 000	8.00	15.71
Feldspar	(t)	0	0	70 000	70 000	75 000	.	7.14
Fluorspar	(t)	80 000	80 000	80 000	90 000	95 000	18.75	5.56
Hard-Coal	(t)	4 000 000	3 100 000	2 844 000	3 130 000	3 010 000	-24.75	-3.83
Nat.Gas (Mio m3)		37 260	47 000	49 000	51 200	54 790	47.05	7.01
Oil	(t)	2 500 000	5 000 000	7 600 000	7 891 000	8 103 700	224.15	2.70
Uranium	(t)	3 000	2 358	2 005	2 305	2 276	-24.13	-1.26

Venezuela

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	11 535 922	12 274 920	13 130 460	15 775 200	16 214 192	40.55	2.78
Aluminium	(t)	590 000	637 000	629 268	640 800	584 300	-0.97	-8.82
Bauxite	(t)	4 667 420	5 183 000	5 109 122	5 500 000	4 825 647	3.39	-12.26
Gold	(kg)	9 944	7 793	12 127	22 322	8 808	-11.42	-60.54
Diam. (Gem)	(c)	184 903	118 400	64 000	113 600	38 724	-79.06	-65.91
Diam. (Ind)	(c)	273 346	177 600	96 000	170 400	58 087	-78.75	-65.91
Feldspar	(t)	274 789	230 000	195 723	160 000	158 000	-42.50	-1.25
Gypsum	(t)	135 000	100 000	30 149	80 000	72 000	-46.67	-10.00
Kaolin	(t)	10 000	6 000	8 472	5 000	4 500	-55.00	-10.00
Phosphate	(t)	17 201	39 000	60 900	87 300	96 600	461.60	10.65
Salt	(t)	450 000	460 000	460 000	450 000	430 000	-4.44	-4.44
Sulfur	(t)	150 000	140 000	140 000	130 000	120 000	-20.00	-7.69
Hard-Coal	(t)	4 600 000	4 600 000	4 127 789	5 280 000	6 324 000	37.48	19.77
Nat.Gas (Mio m3)		25 000	25 000	30 200	28 000	28 500	14.00	1.79
Oil	(t)	127 700 000	135 400 000	153 900 000	162 300 000	159 300 000	24.75	-1.85

Viet Nam

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Chromium	(t)	1 500	1 400	1 300	1 300	2 000	33.33	53.85
Titanium	(t)	22 500	36 000	36 000	35 000	44 550	98.00	27.29
Tin	(t)	4 000	3 600	4 500	4 800	2 770	-30.75	-42.29
Graphite	(t)	400	400	300	200	200	-50.00	0.00
Gypsum	(t)	25 000	25 000	22 000	20 000	18 000	-28.00	-10.00
Kaolin	(t)	700	700	600	500	450	-35.71	-10.00
Phosphate	(t)	150 000	150 000	160 000	160 000	150 000	0.00	-6.25
Salt	(t)	550 000	500 000	450 000	400 000	350 000	-36.36	-12.50
Hard-Coal	(t)	6 100 000	7 200 000	8 000 000	10 700 000	13 000 000	113.11	21.50
Nat.Gas (Mio m3)		0	0	0	0	1 510	.	.
Oil	(t)	5 600 000	7 849 854	8 300 000	8 500 000	12 500 000	123.21	47.06

Yemen, Republic of

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Gypsum	(t)	80 000	80 000	70 000	65 000	63 000	-21.25	-3.08
Salt	(t)	200 000	200 000	150 000	130 000	125 000	-37.50	-3.85
Oil	(t)	17 400 000	19 220 407	18 000 000	18 500 000	19 500 000	12.07	5.41

Yugoslavia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	84 900	96 200	150 000	150 000	130 000	53.12	-13.33
Chromium	(t)	2 500	0	0	0	0	-100.00	.
Nickel	(t)	4 000	1 200	2 500	2 700	800	-80.00	-70.37
Aluminium	(t)	6 850	26 000	51 100	80 600	78 000	1038.69	-3.23
Bauxite	(t)	40 000	150 000	323 000	470 000	226 000	465.00	-51.91
Cadmium	(t)	70	70	60	80	80	14.29	0.00
Copper	(t)	94 500	87 575	82 526	82 500	75 400	-20.21	-8.61
Lead	(t)	9 000	15 000	16 000	14 000	19 100	112.22	36.43
Zinc	(t)	8 794	14 700	21 800	18 900	15 000	70.57	-20.63
Gold	(kg)	2 474	2 850	3 000	3 500	3 500	41.47	0.00
Platinum	(kg)	80	6	3	3	3	-96.25	0.00
Silver	(kg)	18 298	31 100	68 300	42 600	34 500	88.55	-19.01
Asbestos	(t)	1 000	497	450	360	750	-25.00	108.33
Bentonite	(t)	5 000	0	0	0	0	-100.00	.
Feldspar	(t)	5 000	5 441	4 801	4 880	5 000	0.00	2.46
Gypsum	(t)	43 000	40 342	44 257	32 124	35 000	-18.60	8.95
Kaolin	(t)	30 000	56 926	60 000	60 000	60 000	100.00	0.00
Magnesite	(t)	68 000	75 000	89 000	98 000	85 000	25.00	-13.27
Salt	(t)	30 000	20 000	15 000	20 000	18 000	-40.00	-10.00
Sulfur	(t)	120 000	100 000	80 000	100 000	90 000	-25.00	-10.00
Hard-Coal	(t)	82 000	57 000	63 000	92 000	105 000	28.05	14.13
Lignite	(t)	38 269 304	40 499 075	38 366 335	42 825 124	43 600 000	13.93	1.81
Nat.Gas (Mio m3)		824	906	671	688	715	-13.23	3.92
Oil	(t)	1 078 000	1 066 000	1 030 000	979 000	920 000	-14.66	-6.03

Zaire

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Cobalt	(t)	3 631	3 967	4 041	4 041	3 944	8.62	-2.40
Tantalum-Col.	(t)	30	20	10	10	8	-73.33	-20.00
Copper	(t)	30 000	35 512	38 900	37 700	35 000	16.67	-7.16
Rare Earths	(t)	28	30	10	5	3	-89.29	-40.00
Tin	(t)	100	0	0	0	0	-100.00	.
Zinc	(t)	600	4 518	3 162	1 686	1 234	105.67	-26.81
Gold	(kg)	780	1 180	1 252	394	134	-82.82	-65.99
Silver	(kg)	10 000	9 000	9 000	1 000	0	-100.00	-100.00
Diam. (Gem)	(c)	3 250 400	4 404 800	4 448 000	3 000 000	3 614 000	11.19	20.47
Diam. (Ind)	(c)	13 001 600	17 619 200	17 792 000	12 000 000	14 456 000	11.19	20.47
Sulfur	(t)	8 000	7 000	7 000	6 000	5 000	-37.50	-16.67
Oil	(t)	1 300 000	1 200 000	1 200 000	1 000 000	900 000	-30.77	-10.00

Zambia

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Cobalt	(t)	3 705	5 908	5 126	5 126	8 838	138.54	72.42
Copper	(t)	380 000	299 900	324 200	315 700	230 826	-39.26	-26.88
Lead	(t)	1 000	0	0	0	0	-100.00	.
Zinc	(t)	1 000	0	0	0	0	-100.00	.
Gold	(kg)	200	124	119	91	145	-27.50	59.34
Silver	(kg)	12 100	10 000	8 676	6 900	8 239	-31.91	19.41
Sulfur	(t)	30 000	30 000	25 000	22 000	28 956	-3.48	31.62
Talc	(t)	350	380	380	350	300	-14.29	-14.29
Hard-Coal	(t)	160 000	141 282	98 500	98 000	150 000	-6.25	53.06

Remarks:

Lead and zinc mine was closed in June 1994

Zimbabwe

		1994	1995	1996	1997	1998	Change 1994/1998	Change 1997/1998
Iron	(t)	210 000	186 811	194 365	287 419	222 953	6.17	-22.43
Chromium	(t)	231 300	318 345	296 287	301 390	272 432	17.78	-9.61
Cobalt	(t)	126	189	106	126	100	-20.63	-20.63
Nickel	(t)	13 800	10 864	9 694	10 134	10 135	-26.56	0.01
Tantalum-Col.	(t)	7	0	0	0	0	-100.00	.
Tungsten	(t)	0	0	0	2	0	.	-100.00
Antimony	(t)	65	37	15	0	0	-100.00	.
Copper	(t)	9 400	8 045	9 028	6 832	2 941	-68.71	-56.95
Lithium	(t)	700	837	773	1 246	701	0.14	-43.74
Tin	(t)	82	0	0	0	0	-100.00	.
Gold	(kg)	20 564	23 959	24 699	24 225	25 175	22.42	3.92
Platinum	(kg)	0	0	7	34	2 730	.	7929.41
Silver	(kg)	10 942	15 640	9 982	5 923	6 881	-37.11	16.17
Asbestos	(t)	151 846	169 487	165 494	160 560	123 295	-18.80	-23.21
Baryte	(t)	0	500	1 150	1 217	1 844	.	51.52
Diam. (Gem)	(c)	45 205	67 088	131 180	126 392	8 512	-81.17	-93.27
Diam. (Ind)	(c)	105 478	156 540	306 086	294 915	19 860	-81.17	-93.27
Feldspar	(t)	1 617	3 920	3 248	2 254	2 241	38.59	-0.58
Graphite	(t)	8 729	11 381	7 691	12 779	13 806	58.16	8.04
Kaolin	(t)	462	57	0	0	0	-100.00	.
Magnesite	(t)	1 588	5 597	10 659	13 050	4 321	172.10	-66.89
Phosphate	(t)	45 900	46 345	36 789	31 687	27 430	-40.24	-13.43
Sulfur	(t)	29 831	30 000	30 000	25 000	23 000	-22.90	-8.00
Talc	(t)	2 049	2 080	1 076	1 023	1 039	-49.29	1.56
Vermiculite	(t)	8 184	13 742	10 249	14 841	14 804	80.89	-0.25
Hard-Coal	(t)	4 566 437	4 743 486	5 174 685	5 300 749	5 048 977	10.57	-4.75

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen