

# WORLD MINING DATA

WELT BERGBAU DATEN

DATOS DE  
MINERIA MUNDIAL

DONNEES  
CONCERNANT  
L'INDUSTRIE MINIERE  
DANS LE MONDE

ДААННЕ ПО МИРОВОЙ  
ГОРНДОБЫВАЮЩЕЙ  
ПРОМЫШЛЕННОСТИ



# 2002

L.Weber & G.Zsak

L. Weber & G. Zsak

# **WORLD-MINING DATA**

# **WELT-BERGBAU DATEN**

---

Volume / Heft 16

Minerals Production / Rohstoffproduktion

Vienna / Wien 2001



WORLD MINING DATA 2001  
WELT-BERGBAU-DATEN 2001

L. Weber  
&  
G. Zsak

in cooperation with the  
Association of Mining and Steel (Vienna)  
and the National Committees  
for the organisation of the  
World Mining Congresses

in Zusammenarbeit mit dem  
Fachverband der Bergwerke und Eisen  
erzeugenden Industrie (Wien) und den  
Nationalkomitees für die Organisation  
der Weltbergbaukongresse

VIENNA / WIEN 2001

Edited by:

Federal Ministry of Economics and Labour of the Republic of Austria,  
Vienna

Compiled by:

MR Univ. Doz. Dr. Leopold Weber,

Federal Ministry of Economics and Labour of the Republic of Austria  
Federal Mining Authority  
Denisgasse 31, A-1200 Vienna

Cover: GrafikDesign Mag. Werner Resel  
Layout: Maria Schinner

ISBN 3-901074-14-7

## CONTENTS / INHALT

	Explanation Einleitende Bemerkungen.....	3/11
1	Mineral Commodities Erfasste Rohstoffe.....	3/11
2	Definitions Definitionen.....	3/11
3	Details of Contents, Weights and Measures Angaben über Wertstoff und Dimensionen.....	5/13
4	Regional and Sectoral Groups Regionale und Sektorale Untergliederung.....	6/14
4.1	Producer Countries Produzentenländer .....	6/14
4.2	Economic Blocks or Cartel-like Associations Wirtschaftsblöcke oder kartellartige Zusammenschlüsse.....	8/16
5	Data Capture Erfassungsmodalität.....	10/18
6	World Production of Mineral Commodities Weltproduktion mineralischer Rohstoffe .....	19
6.1	Total World Production Weltproduktion-gesamt .....	19
6.1.1	Total Minerals Production by Continents Gesamtproduktion nach Kontinenten geordnet .....	19
6.1.2	Total Minerals Production by Country Groups Gesamtproduktion nach Ländergruppen geordnet.....	20
6.1.3	Total Minerals Production by Groups of Commodities Gesamtproduktion, nach Rohstoffgruppen geordnet.....	21

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) .....
6.2.3	Non-Ferrous Metals (Nichteisenmetalle) .....
6.2.4	Precious Metals (Edelmetalle).....
6.2.5	Industrial Minerals (Industrieminerale, Steine und Erden) .....
6.2.6	Mineral Fuels (Energierohstoffe) .....
6.3	World Production of Mineral Commodities, by Country Groups and Economic Blocks Weltproduktion mineralischer Rohstoffe, nach Ländergruppen und Wirtschaftsblöcken geordnet .....
6.3.1	Iron and Ferro-Alloy Metals (Eisen und Stahlveredler) .....
6.3.2	Non-Ferrous Metals (Nichteisenmetalle) .....
6.3.3	Precious Metals (Edelmetalle).....
6.3.4	Industrial Minerals (Industrieminerale, Steine und Erden) .....
6.3.5	Mineral Fuels (Energierohstoffe) .....
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) .....
6.4.2	Non-Ferrous Metals (Nichteisenmetalle) .....
6.4.3	Precious Metals (Edelmetalle).....
6.4.4	Industrial Minerals (Industrieminerale, Steine und Erden) .....
6.4.5	Mineral Fuels (Energierohstoffe) .....
6.5	Share of Mineral Production 1999 by Country Anteile der Länder an der Weltproduktion 1999.....
6.5.1	Iron and Ferro-Alloy Metals (Eisen und Stahlveredler) .....
6.5.2	Non-Ferrous Metals (Nichteisenmetalle) .....
6.5.3	Precious Metals (Edelmetalle).....
6.5.4	Industrial Minerals (Industrieminerale, Steine und Erden) .....
6.5.5	Mineral Fuels (Energierohstoffe) .....
6.6	Production of Mineral Commodities of individual Countries, by Country Produktion mineralischer Rohstoffe der einzelnen Länder, nach Ländern geordnet.....

## 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 <sup>3</sup> )	=	Cubic meter (m <sup>3</sup> )*0.028317
1 Cubic meter (m <sup>3</sup> )	=	Cubic foot (ft <sup>3</sup> )*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° 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
- o Oil & Gas Journal

### 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 <sub>2</sub> O <sub>3</sub>	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 <sub>2</sub>	metr.t
Tungsten	W	metr.t
Vanadium	V <sub>2</sub> O <sub>5</sub>	metr.t

#### Non-ferrous metals:

Aluminium	Smelter production	metr.t
Antimony	Sb	metr.t
Arsenic	As <sub>2</sub> O <sub>3</sub>	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 <sub>2</sub> 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 <sub>2</sub> O <sub>5</sub>	metr.t
Potash	K <sub>2</sub> 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 <sup>3</sup>
Oil		metr.t
Oil Shale		metr.t
Uranium	U <sub>3</sub> O <sub>8</sub>	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: Angola, Benin, Botswana, Burkina Faso, Burundi, Cape Verde, Centr.Afric.Rep., Chad, Comoros, Congo, D.R., 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 (- 1998), 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, 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: Argentina, Bolivia, Brazil, Chile, Ecuador, French Guyana, Guyana, Colombia, Paraguay, Peru, Suriname, Uruguay, Venezuela

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

**WIC: (Western Industrialized Countries)**

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

**CPE: (Centrally Planned Economies)**

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

**NRC: (Newly Reformed Countries)**

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

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

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

#### 4.2. Economic Blocks or Cartel-like Associations

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

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

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

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

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

**ALADI Countries:** Asociación Latino-Americana de Integración

- most developed: Argentina, 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

**EC:** 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, Quatar, 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 2000 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. Please send your remarks to [leopold.weber@bmwa.gv.at](mailto:leopold.weber@bmwa.gv.at).

**Deadline: February 23, 2001**

Data received after February 23, 2001 will be implemented in the next edition of this report.

### **Important Note**

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

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

## EINLEITENDE BEMERKUNGEN

### 1. Erfasste Rohstoffe:

Die bearbeiteten Rohstoffe wurden in 5 verschiedene Rohstoffgruppen zusammengefasst:

Eisen und Stahlveredler  
Nichteisenmetalle  
Edelmetalle  
Industrieminerale, Steine und Erden  
Energierohstoffe

#### Eisen und Stahlveredler:

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

#### Nichteisenmetalle:

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

#### Edelmetalle:

Gold, Platinmetalle, Silber

#### Industrieminerale, Steine und Erden:

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

#### Energierohstoffe:

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

### 2. Definitionen:

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

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

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

#### Maßeinheiten:

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



## Umrechnungstabelle:

### Raummaßeinheiten:

1 Kubikfuß (ft <sup>3</sup> )	=	Kubikmeter (m <sup>3</sup> )*0,028317
1 Kubikmeter (m <sup>3</sup> )	=	Kubikfuß (ft <sup>3</sup> )*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 m<sup>3</sup> unter einem Druck von 0,1 MPa und 20<sup>o</sup> C.  
Die Umrechnung auf westlichen Standard erfolgt durch Multiplikation mit 0,9315.

Umrechnung von Salz in Sole : m<sup>3</sup> 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
- o Oil & Gas Journal

### 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 <sub>2</sub> O <sub>3</sub> -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 <sub>2</sub> -Inh.	metr.t
Vanadium	V <sub>2</sub> O <sub>5</sub> -Inh.	metr.t
Wolfram	W-Inh.	metr.t

#### Nichteisenmetalle:

Aluminium	Hüttenprod.	metr.t
Antimon	Sb-Inh.	metr.t
Arsen	As <sub>2</sub> O <sub>3</sub> -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 <sub>2</sub> 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

#### Industriemineraie, Steine und Erden:

Asbest	Fasergehalt	metr.t
Baryt		metr.t
Bentonit		metr.t
Bormineraie		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 <sub>2</sub> O <sub>5</sub> -Inh.	metr.t
Kalisalz	K <sub>2</sub> 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 <sub>3</sub> O <sub>8</sub>	metr.t
Erdöl	Rohöl	metr.t
Naturgas		Mio m <sup>3</sup>
Ölschiefer		metr. t

#### 4. Regionale und sektorale Untergliederungen:

##### 4.1 Produzenteländer:

Grundsätzlich wurde versucht, sämtliche rohstoffproduzierende Länder zu erfassen. Die einzelnen Produzenteländer 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: Angola, Äquatorialguinea, Äthiopien, Benin, Botsuana, Burkina Faso, Burundi, Dschibuti, Eritrea, Gambia, Guinea, Guinea-Bissau, Kap Verde, Komoren, Kongo, Dem. Rep., Lesotho, Liberia, Madagaskar, Malawi, Malediven, Mali, Mauretanien, Mosambik, Niger, Ruanda, Sambia, Sierra Leone, Sao Tomé-Principe, Somalia, Sudan, Tansania, Togo, Tschad, Uganda, Zaire (bis 1998), 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, 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 Rerpublik, 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 2000.

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 Korrekturen jederzeit möglich. Für jeden Hinweis sind wir wie immer dankbar. Vorschläge können unter [leopold.weber@bmwa.gv.at](mailto:leopold.weber@bmwa.gv.at) eingebracht werden.

**Redaktionsschluß: 23. Februar 2001**

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
<b>Total</b>	<b>8 110 991 560</b>	<b>8 323 338 237</b>	<b>8 542 546 175</b>	<b>8 733 921 554</b>	<b>8 952 369 675</b>
	1989	1990	1991	1992	1993
Europe	3 241 227 352	3 007 724 298	2 647 534 557	1 215 254 746 *)	2 191 797 128
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	435 139 958
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
<b>Total</b>	<b>9 198 795 100</b>	<b>8 959 276 452</b>	<b>8 943 982 886</b>	<b>8 890 397 373</b>	<b>8 937 282 211</b>
	1994	1995	1996	1997	1998
Europe	2 062 256 941	2 057 710 350	2 009 206 781	2 027 933 937	1 961 290 979
Asia	3 404 905 207	3 634 766 411	3 701 585 242	3 762 377 191	3 736 541 028
Australia	454 808 265	464 236 634	452 636 394	489 236 671	552 605 727
Africa	613 833 979	631 088 219	639 158 750	657 496 925	641 904 546
South-America	661 936 418	695 643 058	756 242 755	789 042 632	809 105 786
North-America	1 668 426 141	1 725 688 842	1 771 907 473	1 805 071 027	1 805 728 386
<b>Total</b>	<b>8 866 166 951</b>	<b>9 209 133 513</b>	<b>9 330 737 394</b>	<b>9 531 158 382</b>	<b>9 507 176 451</b>
	1999				
Europe	1 937 423 763				
Asia	3 721 201 664				
Australia	505 740 097				
Africa	643 544 367				
South-America	765 127 897				
North-America	1 773 522 789				
<b>Total</b>	<b>9 346 560 577</b>				

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

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen



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	1 802 767 913	1 835 240 790	1 941 239 261	1 977 325 514	2 118 563 299
LDC	31 343 568	30 665 458	34 985 443	40 881 361	50 370 849
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
<b>Total</b>	<b>8 110 991 560</b>	<b>8 323 338 237</b>	<b>8 542 546 175</b>	<b>8 733 921 554</b>	<b>8 952 369 675</b>
	1989	1990	1991	1992	1993
DC	2 271 820 301	2 190 134 154	2 417 052 837	2 412 686 122	2 491 013 516
LDC	56 692 058	56 279 767	68 265 200	67 897 685	67 598 878
WIC	3 021 843 731	3 048 644 335	3 211 286 461	3 167 379 462	3 096 268 065
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
<b>Total</b>	<b>9 198 795 100</b>	<b>8 959 276 452</b>	<b>8 943 982 886</b>	<b>8 890 397 373</b>	<b>8 937 282 211</b>
	1994	1995	1996	1997	1998
DC	2 534 843 728	2 586 732 312	2 685 021 507	2 800 557 097	2 825 895 068
LDC	75 707 425	81 105 088	83 513 764	89 818 295	88 188 685
WIC	3 222 946 521	3 305 432 629	3 343 746 586	3 416 060 697	3 492 091 158
CPE	1 586 654 156	1 796 211 880	1 862 644 286	1 839 980 310	1 785 886 818
NRC	1 446 015 122	1 439 651 605	1 355 811 252	1 384 741 983	1 315 114 722
<b>Total</b>	<b>8 866 166 951</b>	<b>9 209 133 513</b>	<b>9 330 737 394</b>	<b>9 531 158 382</b>	<b>9 507 176 451</b>
	1999				
DC	2 988 989 567				
LDC	90 843 006				
WIC	3 390 817 936				
CPE	1 570 869 384				
NRC	1 305 040 683				
<b>Total</b>	<b>9 346 560 577</b>				

### 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
<b>Total</b>	<b>8 110 991 560</b>	<b>8 323 338 237</b>	<b>8 542 546 175</b>	<b>8 733 921 554</b>	<b>8 952 369 675</b>
	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	495 043 790	466 810 838
Mineral Fuels	7 964 300 251	7 825 969 832	7 729 498 173	7 721 036 008	7 790 515 615
<b>Total</b>	<b>9 198 795 100</b>	<b>9 049 202 152</b>	<b>8 943 982 886</b>	<b>8 890 397 373</b>	<b>8 937 282 211</b>
	1994	1995	1996	1997	1998
Iron, Ferro-Alloy Met.	563 129 423	594 447 788	589 168 383	608 550 462	601 676 896
Non Ferrous Metals	147 850 937	147 042 951	150 274 722	168 109 305	172 943 975
Precious Metals	16 369	17 315	17 678	18 016	19 466
Industrial Minerals	481 197 244	489 548 015	503 977 265	511 621 652	504 029 771
Mineral Fuels	7 673 972 978	7 978 077 444	8 087 299 346	8 242 858 947	8 228 506 343
<b>Total</b>	<b>8 866 166 951</b>	<b>9 209 133 513</b>	<b>9 330 737 394</b>	<b>9 531 158 382</b>	<b>9 507 176 451</b>
	1999				
Iron, Ferro-Alloy Met.	578 049 595				
Non Ferrous Metals	173 504 371				
Precious Metals	19 904				
Industrial Minerals	523 238 630				
Mineral Fuels	8 071 748 077				
<b>Total</b>	<b>9 346 560 577</b>				



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	1995	1996	1997	1998	1999	Change 1999/1995 in %
	in metr.t					
Iron	575 736 719	571 115 456	588 882 891	580 427 666	556 777 376	-3.29
Chromium	5 471 869	4 958 433	5 514 102	5 693 851	5 777 378	5.58
Cobalt	21 371	20 966	21 445	19 419	20 328	-4.88
Manganese	7 929 970	7 702 980	8 430 181	9 504 678	9 595 182	21.00
Molybdenum	121 724	116 731	141 586	142 402	132 540	8.89
Nickel	848 352	898 002	1 055 319	1 063 742	1 071 425	26.29
Tant.-Columb.	49 124	53 468	50 528	52 322	45 634	-7.10
Titanium	4 207 270	4 234 033	4 382 671	4 703 973	4 564 517	8.49
Tungsten	27 498	34 414	33 389	32 184	28 015	1.88
Vanadium	33 891	33 900	38 350	36 659	37 200	9.76

6.2.3 *Non Ferrous Metals / Nichteisenmetalle*

Commodity	1995	1996	1997	1998	1999	Change 1999/1995 in %
	in metr.t					
Aluminium	19 581 402	19 698 229	20 823 692	21 683 651	21 709 788	10.87
Antimony	118 993	127 275	125 658	101 309	101 877	-14.38
Arsenic	30 118	29 992	34 845	36 261	37 722	25.25
Bauxite	107 652 270	109 621 162	124 921 009	127 601 871	128 061 943	18.96
Bismuth	2 848	3 327	3 825	3 502	4 085	43.43
Cadmium	17 243	18 228	18 109	16 871	16 495	-4.34
Copper	9 649 845	10 475 583	11 476 083	12 349 162	12 364 823	28.13
Gallium	12	12	15	13	15	25.00
Germanium	36	35	37	39	37	2.78
Lead	2 923 199	3 078 170	3 101 599	3 216 725	3 340 792	14.29
Lithium	17 664	19 462	23 575	24 169	23 528	33.20
Mercury	2 120	2 578	2 480	2 319	1 673	-21.08
Rare Earths	60 457	81 951	78 925	65 003	79 592	31.65
Tellurium	264	222	216	210	206	-21.97
Tin	201 671	224 996	216 966	205 806	228 767	13.44
Zinc	6 784 809	6 893 500	7 282 271	7 637 064	7 533 028	11.03

## 6.2.4 *Precious Metals / Edelmetalle*

Commodity	1995	1996	1997	1998	1999	Change 1999/1995 in %
	in kg					
Gold	2 214 279	2 242 545	2 364 501	2 401 247	2 432 458	9.85
Silver	14 847 231	15 202 138	15 412 200	16 829 946	17 293 205	16.47
Platinum	253 978	233 554	239 079	234 982	178 075	-29.89

## 6.2.5 *Industrial Minerals / Industriemineralie*

Commodity	1995	1996	1997	1998	1999	Change 1999/1995 in %
	in metr.t (Diamonds: carats)					
Asbestos	2 492 642	2 458 883	2 133 043	1 862 984	1 896 985	-23.90
Baryte	4 558 418	6 078 792	7 001 099	6 849 031	6 326 531	38.79
Bentonite	9 902 826	9 632 486	9 837 546	10 272 193	10 711 186	8.16
Boron	2 830 408	3 229 320	3 006 791	3 475 700	3 239 108	14.44
Diamonds :						
Gem-	50 400 752	53 259 517	55 264 267	53 684 097	51 547 942	2.28
Ind.	63 174 497	65 592 562	61 742 578	67 121 585	60 915 595	-3.58
Diatomite	1 090 183	1 112 373	1 120 107	1 109 674	1 170 892	7.40
Feldspar	8 041 385	8 018 077	7 612 652	8 523 088	8 950 309	11.30
Fluorspar	4 127 477	4 030 035	4 404 499	4 777 195	4 612 569	11.75
Graphite	619 963	727 850	596 809	658 586	589 693	-4.88
Gypsum	90 500 445	93 859 723	93 047 578	92 500 136	99 674 517	10.14
Guano	1 057	950	920	825	770	-27.15
Kaolin	24 355 137	23 873 965	24 272 037	26 175 020	25 982 207	6.68
Magnesite	9 803 368	11 149 788	10 660 106	11 900 190	11 298 748	15.25
Phosphate	62 785 173	67 393 494	68 970 850	69 019 703	67 040 137	6.78
Potash	25 562 220	25 380 343	26 768 188	26 605 504	24 665 640	-3.51
Salt	187 997 973	193 017 871	197 477 415	186 924 662	203 435 361	8.21
Sulfur	43 194 171	42 392 967	42 971 037	40 883 824	41 168 375	-4.69
Talc	8 033 347	8 170 897	8 206 223	9 071 145	8 905 607	10.86
Vermiculite	511 463	466 073	456 257	541 772	561 544	9.79
Zirconium	996 790	1 048 016	896 460	834 914	770 700	-22.68

## 6.2.6 *Mineral Fuels / Energierohstoffe*

Commodity	1995	1996	1997	1998	1999	Change 1999/1995 in %
	in metr.t (Natural Gas: Mio m <sup>3</sup> )					
Hard Coal	3 792 657 611	3 858 299 180	3 863 254 881	3 839 163 173	3 656 432 189	-3.59
Lignite	910 058 119	881 212 701	888 111 956	862 739 681	852 967 425	-6.27
Coal	4 702 715 730	4 739 511 881	4 751 366 837	4 701 902 854	4 509 399 614	-4.11
Uranium	33 382	38 389	36 980	38 114	37 491	12.31
Oil	3 259 138 533	3 331 204 318	3 474 675 625	3 511 727 586	3 548 142 661	8.87
Nat. Gas	2 373 719	2 298 513	2 315 148	2 335 847	2 360 922	-0.54
Oilshales	16 189 799	16 544 758	16 779 505	14 837 789	14 168 311	-12.49

**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	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	180 097 216	184 970 184	192 969 545	204 381 114	188 280 258
LDC	7 484 100	7 252 700	7 663 500	6 726 200	6 604 000
WIC	191 746 231	190 793 398	198 438 749	198 754 792	187 975 840
CPE	83 680 000	83 800 000	83 380 000	70 700 000	70 500 000
NCR	112 729 172	104 299 174	106 431 097	99 865 560	103 417 278
Total	575 736 719	571 115 456	588 882 891	580 427 666	556 777 376

of them:

ACP	7 760 911	7 527 065	8 023 403	7 019 153	7 031 190
ASEAN	408 056	604 980	581 181	775 078	769 195
COMECON	0	0	0	0	0
EC	12 734 543	11 764 938	11 148 881	14 648 315	13 386 129
EFTA	1 458 300	1 117 651	478 000	409 200	338 000
G7	62 363 211	61 591 839	60 923 159	61 786 676	56 602 020
NAFTA	66 420 169	66 038 962	65 767 826	66 767 406	62 022 044
OECD	169 911 312	177 283 020	183 642 575	184 176 619	175 893 637
SADC	21 095 176	18 692 305	20 207 419	20 001 953	18 069 390

	in %	in %	in %	in %	in %
DC	31.28	32.39	32.77	35.21	33.82
LDC	1.30	1.27	1.30	1.16	1.19
WIC	33.30	33.41	33.70	34.24	33.76
CPE	14.53	14.67	14.16	12.18	12.66
NRC	19.58	18.26	18.07	17.21	18.57
Total	100.00	100.00	100.00	100.00	100.00

of them:					
ACP	1.35	1.32	1.36	1.21	1.26
ASEAN	0.07	0.11	0.10	0.13	0.14
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.21	2.06	1.89	2.52	2.40
EFTA	0.25	0.20	0.08	0.07	0.06
G7	10.83	10.78	10.35	10.65	10.17
NAFTA	11.54	11.56	11.17	11.50	11.14
OECD	29.51	31.04	31.18	31.73	31.59
SADC	3.66	3.27	3.43	3.45	3.25

## Chromium

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	1 131 768	1 219 311	1 193 484	1 151 896	1 162 300
LDC	60 864	76 280	73 595	48 608	44 024
WIC	3 050 004	2 983 616	3 638 920	3 643 847	3 614 417
CPE	91 531	93 609	90 853	89 000	84 800
NCR	1 137 702	585 617	517 250	760 500	871 837
<b>Total</b>	<b>5 471 869</b>	<b>4 958 433</b>	<b>5 514 102</b>	<b>5 693 851</b>	<b>5 777 378</b>

of them:

ACP	377 245	370 917	373 490	320 395	337 490
ASEAN	13 316	18 524	16 673	12 188	17 531
COMECON	0	0	0	0	0
EC	300 837	296 707	355 698	250 950	248 149
EFTA	0	0	0	0	0
G7	2 000	2 000	1 800	1 500	1 300
NAFTA	0	0	0	0	0
OECD	302 837	846 110	1 170 291	857 447	683 107
SADC	2 656 012	2 433 793	2 770 019	3 058 832	3 225 376

	in %	in %	in %	in %	in %
DC	20.68	24.59	21.64	20.23	20.12
LDC	1.11	1.54	1.33	0.85	0.76
WIC	55.74	60.17	65.99	64.00	62.56
CPE	1.67	1.89	1.65	1.56	1.47
NRC	20.79	11.81	9.38	13.36	15.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	6.89	7.48	6.77	5.63	5.84
ASEAN	0.24	0.37	0.30	0.21	0.30
COMECON	0.00	0.00	0.00	0.00	0.00
EC	5.50	5.98	6.45	4.41	4.30
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.04	0.04	0.03	0.03	0.02
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	5.53	17.06	21.22	15.06	11.82
SADC	48.54	49.08	50.24	53.72	55.83

## Cobalt

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	724	660	911	387	4 977
LDC	10 146	9 572	9 515	8 312	4 131
WIC	4 606	4 934	5 019	4 620	4 620
CPE	2 295	2 000	2 400	2 600	3 000
NCR	3 600	3 800	3 600	3 500	3 600
<b>Total</b>	<b>21 371</b>	<b>20 966</b>	<b>21 445</b>	<b>19 419</b>	<b>20 328</b>
of them:					
ACP	10 335	9 678	9 641	8 412	4 260
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	2 016	2 190	2 200	2 324	2 015
NAFTA	2 016	2 190	2 200	2 324	2 015
OECD	4 416	4 690	4 700	4 324	4 315
SADC	6 558	5 881	5 919	4 764	4 565
	in %	in %	in %	in %	in %
DC	3.39	3.15	4.25	1.99	24.48
LDC	47.48	45.65	44.37	42.80	20.32
WIC	21.55	23.53	23.40	23.79	22.73
CPE	10.74	9.54	11.19	13.39	14.76
NRC	16.85	18.12	16.79	18.02	17.71
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
of them:					
ACP	48.36	46.16	44.96	43.32	20.96
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	9.43	10.45	10.26	11.97	9.91
NAFTA	9.43	10.45	10.26	11.97	9.91
OECD	20.66	22.37	21.92	22.27	21.23
SADC	30.69	28.05	27.60	24.53	22.46



## Manganese

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	2 839 696	2 976 464	3 004 495	2 934 945	2 831 778
LDC	0	0	0	0	0
WIC	2 440 867	2 409 578	2 992 812	2 941 742	2 845 432
CPE	1 180 000	1 000 000	1 200 000	2 000 000	2 400 000
NCR	1 469 407	1 316 938	1 232 874	1 627 991	1 517 972
<b>Total</b>	<b>7 929 970</b>	<b>7 702 980</b>	<b>8 430 181</b>	<b>9 504 678</b>	<b>9 595 182</b>

of them:

ACP	1 135 499	1 182 942	1 155 884	1 173 749	1 361 440
ASEAN	19 478	20 470	18 891	25 257	26 721
COMECON	0	0	0	0	0
EC	3 647	4 029	3 928	2 822	1 972
EFTA	0	0	0	0	0
G7	1 612	1 457	2 128	924	972
NAFTA	140 662	173 380	192 825	187 103	169 107
OECD	1 188 789	1 198 166	1 856 653	1 828 625	1 683 139
SADC	1 439 479	1 438 479	1 376 791	1 338 920	1 371 460

	in %	in %	in %	in %	in %
DC	35.81	38.64	35.64	30.88	29.51
LDC	0.00	0.00	0.00	0.00	0.00
WIC	30.78	31.28	35.50	30.95	29.65
CPE	14.88	12.98	14.23	21.04	25.01
NRC	18.53	17.10	14.62	17.13	15.82
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	14.32	15.36	13.71	12.35	14.19
ASEAN	0.25	0.27	0.22	0.27	0.28
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.05	0.05	0.05	0.03	0.02
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.02	0.02	0.03	0.01	0.01
NAFTA	1.77	2.25	2.29	1.97	1.76
OECD	14.99	15.55	22.02	19.24	17.54
SADC	18.15	18.67	16.33	14.09	14.29

## Molybdenum

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	26 834	27 892	32 616	38 689	45 242
LDC	0	0	0	0	0
WIC	69 990	63 069	66 040	61 063	46 988
CPE	19 000	20 000	37 200	39 300	36 500
NCR	5 900	5 770	5 730	3 350	3 810
<b>Total</b>	<b>121 724</b>	<b>116 731</b>	<b>141 586</b>	<b>142 402</b>	<b>132 540</b>
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	69 990	63 069	66 040	61 063	46 988
NAFTA	73 873	67 280	70 882	67 011	54 949
OECD	73 873	67 280	70 882	67 011	54 949
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	22.04	23.89	23.04	27.17	34.13
LDC	0.00	0.00	0.00	0.00	0.00
WIC	57.50	54.03	46.64	42.88	35.45
CPE	15.61	17.13	26.27	27.60	27.54
NRC	4.85	4.94	4.05	2.35	2.87
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
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	57.50	54.03	46.64	42.88	35.45
NAFTA	60.69	57.64	50.06	47.06	41.46
OECD	60.69	57.64	50.06	47.06	41.46
SADC	0.00	0.00	0.00	0.00	0.00

## Nickel

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	268 038	285 642	296 106	282 698	292 278
LDC	15 464	17 461	14 996	15 593	15 820
WIC	276 354	299 499	374 017	391 651	377 127
CPE	78 696	96 700	101 400	115 800	112 000
NCR	209 800	198 700	268 800	258 000	274 200
Total	848 352	898 002	1 055 319	1 063 742	1 071 425

of them:

ACP	57 048	57 542	57 630	50 928	50 414
ASEAN	65 341	83 237	73 999	67 573	74 074
COMECON	0	0	0	0	0
EC	20 703	20 879	20 652	16 789	14 483
EFTA	2 892	2 820	2 435	2 964	2 715
G7	121 157	128 939	182 100	205 198	180 729
NAFTA	121 157	128 939	182 100	205 198	180 729
OECD	243 860	265 638	339 187	354 951	340 927
SADC	55 760	61 016	59 960	62 428	61 614

	in %	in %	in %	in %	in %
DC	31.60	31.81	28.06	26.58	27.28
LDC	1.82	1.94	1.42	1.47	1.48
WIC	32.58	33.35	35.44	36.82	35.20
CPE	9.28	10.77	9.61	10.89	10.45
NRC	24.73	22.13	25.47	24.25	25.59
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	6.72	6.41	5.46	4.79	4.71
ASEAN	7.70	9.27	7.01	6.35	6.91
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.44	2.33	1.96	1.58	1.35
EFTA	0.34	0.31	0.23	0.28	0.25
G7	14.28	14.36	17.26	19.29	16.87
NAFTA	14.28	14.36	17.26	19.29	16.87
OECD	28.75	29.58	32.14	33.37	31.82
SADC	6.57	6.79	5.68	5.87	5.75

## Tantalum-Columbium

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	42 994	48 026	45 412	49 504	42 734
LDC	155	162	326	318	330
WIC	5 975	5 280	4 790	2 500	2 570
CPE	0	0	0	0	0
NCR	0	0	0	0	0
<b>Total</b>	<b>49 124</b>	<b>53 468</b>	<b>50 528</b>	<b>52 322</b>	<b>45 634</b>

of them:

ACP	175	182	346	336	349
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	5 000	4 500	2 200	2 250
NAFTA	5 700	5 000	4 500	2 200	2 250
OECD	5 975	5 280	4 790	2 500	2 570
SADC	0	0	0	0	0

	in %	in %	in %	in %	in %
DC	87.52	89.82	89.87	94.61	93.65
LDC	0.32	0.30	0.65	0.61	0.72
WIC	12.16	9.88	9.48	4.78	5.63
CPE	0.00	0.00	0.00	0.00	0.00
NRC	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.36	0.34	0.68	0.64	0.76
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	11.60	9.35	8.91	4.20	4.93
NAFTA	11.60	9.35	8.91	4.20	4.93
OECD	12.16	9.88	9.48	4.78	5.63
SADC	0.00	0.00	0.00	0.00	0.00

## Titanium

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	312 919	327 213	319 156	400 649	415 550
LDC	174 901	160 000	150 000	184 790	190 000
WIC	3 377 858	3 397 320	3 539 515	3 679 984	3 473 967
CPE	116 000	116 000	135 000	154 550	199 500
NCR	225 592	233 500	239 000	284 000	285 500
<b>Total</b>	<b>4 207 270</b>	<b>4 234 033</b>	<b>4 382 671</b>	<b>4 703 973</b>	<b>4 564 517</b>

of them:

ACP	174 901	160 000	150 000	184 790	190 000
ASEAN	64 477	69 883	70 000	65 000	63 000
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	368 208	329 840	246 903	261 134	256 889
G7	900 000	850 000	780 000	780 000	750 000
NAFTA	900 000	850 000	780 000	780 000	750 000
OECD	2 179 650	2 467 320	2 499 515	2 579 984	2 273 967
SADC	830 000	930 000	1 040 000	1 100 000	1 200 000

	in %	in %	in %	in %	in %
DC	7.44	7.73	7.28	8.52	9.10
LDC	4.16	3.78	3.42	3.93	4.16
WIC	80.29	80.24	80.76	78.23	76.11
CPE	2.76	2.74	3.08	3.29	4.37
NRC	5.36	5.51	5.45	6.04	6.25
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	4.16	3.78	3.42	3.93	4.16
ASEAN	1.53	1.65	1.60	1.38	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	8.75	7.79	5.63	5.55	5.63
G7	21.39	20.08	17.80	16.58	16.43
NAFTA	21.39	20.08	17.80	16.58	16.43
OECD	51.81	58.27	57.03	54.85	49.82
SADC	19.73	21.96	23.73	23.38	26.29

## Tungsten

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	2 034	1 419	1 212	894	485
LDC	246	127	132	91	85
WIC	1 930	2 681	3 045	3 349	3 215
CPE	20 600	26 532	25 450	24 400	20 350
NCR	2 688	3 655	3 550	3 450	3 880
<b>Total</b>	<b>27 498</b>	<b>34 414</b>	<b>33 389</b>	<b>32 184</b>	<b>28 015</b>

of them:

ACP	102	104	120	82	78
ASEAN	93	67	54	61	54
COMECON	0	0	0	0	0
EC	1 830	2 581	2 945	3 249	3 215
EFTA	0	0	0	0	0
G7	100	100	100	100	0
NAFTA	387	288	279	230	10
OECD	1 260	2 869	3 224	3 479	3 225
SADC	0	0	2	0	0

in %                      in %                      in %                      in %                      in %

DC	7.40	4.12	3.63	2.78	1.73
LDC	0.89	0.37	0.40	0.28	0.30
WIC	7.02	7.79	9.12	10.41	11.48
CPE	74.91	77.10	76.22	75.81	72.64
NRC	9.78	10.62	10.63	10.72	13.85
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.37	0.30	0.36	0.25	0.28
ASEAN	0.34	0.19	0.16	0.19	0.19
COMECON	0.00	0.00	0.00	0.00	0.00
EC	6.66	7.50	8.82	10.10	11.48
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.36	0.29	0.30	0.31	0.00
NAFTA	1.41	0.84	0.84	0.71	0.04
OECD	4.58	8.34	9.66	10.81	11.51
SADC	0.00	0.00	0.01	0.00	0.00

## Vanadium

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	17 491	17 500	19 450	19 159	19 400
CPE	5 000	5 500	7 000	7 500	7 800
NCR	11 400	10 900	11 900	10 000	10 000
<b>Total</b>	<b>33 891</b>	<b>33 900</b>	<b>38 350</b>	<b>36 659</b>	<b>37 200</b>

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	1 991	2 700	2 500	2 000	1 800
NAFTA	1 991	2 700	2 500	2 000	1 800
OECD	1 991	2 700	2 500	2 000	1 800
SADC	15 500	14 800	16 950	17 159	17 600

	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	51.61	51.62	50.72	52.26	52.15
CPE	14.75	16.22	18.25	20.46	20.97
NRC	33.64	32.15	31.03	27.28	26.88
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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	5.87	7.96	6.52	5.46	4.84
NAFTA	5.87	7.96	6.52	5.46	4.84
OECD	5.87	7.96	6.52	5.46	4.84
SADC	45.73	43.66	44.20	46.81	47.31

## 6.3.2 *Non-Ferrous Metals* *Nichteisenmetalle*

### Aluminium

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	3 812 100	3 769 308	3 851 600	3 703 851	3 821 813
LDC	0	0	0	0	0
WIC	10 579 146	11 399 405	11 896 090	12 419 434	12 925 345
CPE	1 870 000	1 780 000	2 050 000	2 435 300	1 620 000
NCR	3 320 156	2 749 516	3 026 002	3 125 066	3 342 630
Total	19 581 402	19 698 229	20 823 692	21 683 651	21 709 788

of them:

ACP	242 800	245 300	265 600	165 200	185 000
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	2 185 720	2 225 446	2 238 840	2 358 082	2 730 061
EFTA	967 900	986 900	1 069 256	1 200 460	1 197 954
G7	6 947 976	7 272 284	7 350 534	7 584 472	8 014 960
NAFTA	5 546 992	5 860 000	5 927 200	6 086 790	6 168 000
OECD	9 222 046	10 866 505	11 300 475	11 820 134	12 316 865
SADC	233 000	617 000	682 900	692 500	689 230

	in %	in %	in %	in %	in %
DC	19.47	19.14	18.50	17.08	17.60
LDC	0.00	0.00	0.00	0.00	0.00
WIC	54.03	57.87	57.13	57.28	59.54
CPE	9.55	9.04	9.84	11.23	7.46
NRC	16.96	13.96	14.53	14.41	15.40
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	1.24	1.25	1.28	0.76	0.85
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	11.16	11.30	10.75	10.87	12.58
EFTA	4.94	5.01	5.13	5.54	5.52
G7	35.48	36.92	35.30	34.98	36.92
NAFTA	28.33	29.75	28.46	28.07	28.41
OECD	47.10	55.16	54.27	54.51	56.73
SADC	1.19	3.13	3.28	3.19	3.17



## Antimony

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	9 638	9 028	9 141	7 592	4 003
LDC	0	0	0	0	0
WIC	8 555	9 247	6 417	7 424	8 554
CPE	91 000	99 000	101 000	80 000	83 000
NCR	9 800	10 000	9 100	6 293	6 320
<b>Total</b>	<b>118 993</b>	<b>127 275</b>	<b>125 658</b>	<b>101 309</b>	<b>101 877</b>

of them:

ACP	37	15	0	0	0
ASEAN	522	149	125	442	130
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	574	1 647	892	796	924
NAFTA	2 357	2 630	2 801	2 097	1 197
OECD	4 057	5 093	4 911	4 482	3 547
SADC	5 574	5 152	3 415	4 243	5 280

	in %	in %	in %	in %	in %
DC	8.10	7.09	7.27	7.49	3.93
LDC	0.00	0.00	0.00	0.00	0.00
WIC	7.19	7.27	5.11	7.33	8.40
CPE	76.48	77.78	80.38	78.97	81.47
NRC	8.24	7.86	7.24	6.21	6.20
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.03	0.01	0.00	0.00	0.00
ASEAN	0.44	0.12	0.10	0.44	0.13
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	0.48	1.29	0.71	0.79	0.91
NAFTA	1.98	2.07	2.23	2.07	1.17
OECD	3.41	4.00	3.91	4.42	3.48
SADC	4.68	4.05	2.72	4.19	5.18

## Arsenic

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	13 532	13 542	16 425	16 361	17 742
LDC	0	0	0	0	0
WIC	500	450	420	400	380
CPE	13 000	13 000	15 000	17 000	17 500
NCR	3 086	3 000	3 000	2 500	2 100
<b>Total</b>	<b>30 118</b>	<b>29 992</b>	<b>34 845</b>	<b>36 261</b>	<b>37 722</b>

of them:

ACP	1 246	1 505	1 232	175	0
ASEAN	2 000	2 000	2 000	1 000	900
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	500	450	420	400	380
NAFTA	3 620	2 942	2 999	2 573	2 419
OECD	4 120	3 392	3 419	2 973	2 799
SADC	1 246	1 505	1 232	175	0

in %                      in %                      in %                      in %                      in %

DC	44.93	45.15	47.14	45.12	47.03
LDC	0.00	0.00	0.00	0.00	0.00
WIC	1.66	1.50	1.21	1.10	1.01
CPE	43.16	43.34	43.05	46.88	46.39
NRC	10.25	10.00	8.61	6.89	5.57
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	4.14	5.02	3.54	0.48	0.00
ASEAN	6.64	6.67	5.74	2.76	2.39
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	1.66	1.50	1.21	1.10	1.01
NAFTA	12.02	9.81	8.61	7.10	6.41
OECD	13.68	11.31	9.81	8.20	7.42
SADC	4.14	5.02	3.54	0.48	0.00

## Bauxite

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	37 026 483	37 278 058	43 387 028	45 878 702	41 548 894
LDC	13 775 194	13 812 000	19 258 000	17 006 000	17 205 500
WIC	45 173 493	45 881 304	46 845 527	48 499 369	52 109 225
CPE	4 500 000	5 500 000	8 000 000	8 500 000	9 000 000
NCR	7 177 100	7 149 800	7 430 454	7 717 800	8 198 324
<b>Total</b>	<b>107 652 270</b>	<b>109 621 162</b>	<b>124 921 009</b>	<b>127 601 871</b>	<b>128 061 943</b>

of them:

ACP	30 539 326	32 296 000	38 203 000	36 443 121	35 699 763
ASEAN	1 088 891	1 060 656	1 087 749	1 283 371	1 276 271
COMECON	0	0	0	0	0
EC	2 286 215	2 532 734	1 756 979	1 794 293	1 957 811
EFTA	0	0	0	0	0
G7	86 000	81 000	80 000	80 270	75 306
NAFTA	0	0	0	0	0
OECD	44 941 215	46 385 304	47 226 427	48 959 969	52 583 125
SADC	11 000	12 000	8 000	6 000	5 500

	in %	in %	in %	in %	in %
DC	34.39	34.01	34.73	35.95	32.44
LDC	12.80	12.60	15.42	13.33	13.44
WIC	41.96	41.85	37.50	38.01	40.69
CPE	4.18	5.02	6.40	6.66	7.03
NRC	6.67	6.52	5.95	6.05	6.40
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	28.37	29.46	30.58	28.56	27.88
ASEAN	1.01	0.97	0.87	1.01	1.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.12	2.31	1.41	1.41	1.53
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.08	0.07	0.06	0.06	0.06
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	41.75	42.31	37.81	38.37	41.06
SADC	0.01	0.01	0.01	0.00	0.00

## Bismuth

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	1 588	2 009	2 471	2 072	1 253
LDC	0	0	0	0	0
WIC	759	717	659	687	739
CPE	400	500	600	650	2 000
NCR	101	101	95	93	93
<b>Total</b>	<b>2 848</b>	<b>3 327</b>	<b>3 825</b>	<b>3 502</b>	<b>4 085</b>

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	759	717	659	687	739
NAFTA	1 147	1 227	1 827	1 421	812
OECD	1 747	1 787	2 301	1 891	1 287
SADC	0	0	0	0	0

	in %	in %	in %	in %	in %
DC	55.76	60.38	64.60	59.17	30.67
LDC	0.00	0.00	0.00	0.00	0.00
WIC	26.65	21.55	17.23	19.62	18.09
CPE	14.04	15.03	15.69	18.56	48.96
NRC	3.55	3.04	2.48	2.66	2.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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	26.65	21.55	17.23	19.62	18.09
NAFTA	40.27	36.88	47.76	40.58	19.88
OECD	61.34	53.71	60.16	54.00	31.51
SADC	0.00	0.00	0.00	0.00	0.00

## Cadmium

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	3 841	3 844	3 959	3 712	4 053
LDC	0	0	0	0	0
WIC	9 345	10 123	10 023	8 230	7 744
CPE	1 496	1 717	2 004	2 104	2 192
NCR	2 561	2 544	2 123	2 825	2 506
<b>Total</b>	<b>17 243</b>	<b>18 228</b>	<b>18 109</b>	<b>16 871</b>	<b>16 495</b>
of them:					
ACP	15	10	2	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	2 459	2 432	2 508	1 761	1 900
EFTA	296	300	290	270	230
G7	7 131	7 892	8 224	6 590	6 122
NAFTA	4 708	5 875	6 006	4 942	4 323
OECD	10 769	13 070	13 058	11 117	11 045
SADC	15	10	2	0	0
	<i>in %</i>	<i>in %</i>	<i>in %</i>	<i>in %</i>	<i>in %</i>
DC	22.28	21.09	21.86	22.00	24.57
LDC	0.00	0.00	0.00	0.00	0.00
WIC	54.20	55.54	55.35	48.78	46.95
CPE	8.68	9.42	11.07	12.47	13.29
NRC	14.85	13.96	11.72	16.74	15.19
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
of them:					
ACP	0.09	0.05	0.01	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	14.26	13.34	13.85	10.44	11.52
EFTA	1.72	1.65	1.60	1.60	1.39
G7	41.36	43.30	45.41	39.06	37.11
NAFTA	27.30	32.23	33.17	29.29	26.21
OECD	62.45	71.70	72.11	65.89	66.96
SADC	0.09	0.05	0.01	0.00	0.00

## Copper

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	4 369 272	5 091 963	5 375 069	6 005 977	6 730 579
LDC	364 173	391 695	377 205	337 945	279 112
WIC	2 896 056	2 870 916	3 586 761	3 781 129	3 010 523
CPE	484 052	533 227	576 212	616 800	651 600
NCR	1 536 292	1 587 782	1 560 836	1 607 311	1 693 009
<b>Total</b>	<b>9 649 845</b>	<b>10 475 583</b>	<b>11 476 083</b>	<b>12 349 162</b>	<b>12 364 823</b>

of them:

ACP	604 537	598 128	510 397	500 420	473 439
ASEAN	654 202	701 402	711 784	868 977	808 541
COMECON	0	0	0	0	0
EC	245 240	226 949	239 926	234 602	211 149
EFTA	6 797	7 389	6 670	2 700	0
G7	2 014 016	1 906 079	2 567 628	2 649 013	2 183 321
NAFTA	2 350 815	2 232 742	2 905 433	2 992 709	2 522 430
OECD	3 035 431	3 471 867	4 213 280	4 438 895	3 702 670
SADC	515 763	524 575	514 240	479 220	429 439

	in %	in %	in %	in %	in %
DC	45.28	48.61	46.84	48.63	54.43
LDC	3.77	3.74	3.29	2.74	2.26
WIC	30.01	27.41	31.25	30.62	24.35
CPE	5.02	5.09	5.02	4.99	5.27
NRC	15.92	15.16	13.60	13.02	13.69
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	6.26	5.71	4.45	4.05	3.83
ASEAN	6.78	6.70	6.20	7.04	6.54
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.54	2.17	2.09	1.90	1.71
EFTA	0.07	0.07	0.06	0.02	0.00
G7	20.87	18.20	22.37	21.45	17.66
NAFTA	24.36	21.31	25.32	24.23	20.40
OECD	31.46	33.14	36.71	35.94	29.95
SADC	5.34	5.01	4.48	3.88	3.47

## Gallium

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	6	5	5	4	3
CPE	2	2	5	6	7
NCR	4	5	5	3	5
<b>Total</b>	<b>12</b>	<b>12</b>	<b>15</b>	<b>13</b>	<b>15</b>
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	5	5	4	3
NAFTA	0	0	0	0	0
OECD	6	10	10	7	8
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	41.67	33.33	30.77	20.00
CPE	16.67	16.67	33.33	46.15	46.67
NRC	33.33	41.67	33.33	23.08	33.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
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	41.67	33.33	30.77	20.00
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	50.00	83.33	66.67	53.85	53.33
SADC	0.00	0.00	0.00	0.00	0.00

## Germanium

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	19	18	20	22	20
CPE	8	8	9	10	11
NCR	9	9	8	7	6
<b>Total</b>	<b>36</b>	<b>35</b>	<b>37</b>	<b>39</b>	<b>37</b>
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	19	18	20	22	20
NAFTA	19	18	20	22	20
OECD	19	18	20	22	20
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	0.00	0.00	0.00	0.00	0.00
LDC	0.00	0.00	0.00	0.00	0.00
WIC	52.78	51.43	54.05	56.41	54.05
CPE	22.22	22.86	24.32	25.64	29.73
NRC	25.00	25.71	21.62	17.95	16.22
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
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	52.78	51.43	54.05	56.41	54.05
NAFTA	52.78	51.43	54.05	56.41	54.05
OECD	52.78	51.43	54.05	56.41	54.05
SADC	0.00	0.00	0.00	0.00	0.00



Lead

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	609 237	613 873	630 735	623 397	598 789
LDC	1 862	1 130	782	1 255	1 500
WIC	1 455 272	1 514 352	1 506 732	1 604 738	1 660 691
CPE	554 800	678 100	741 900	782 000	879 000
NCR	302 028	270 715	221 450	205 335	200 812
Total	2 923 199	3 078 170	3 101 599	3 216 725	3 340 792

of them:

ACP	27 004	24 666	17 000	12 800	9 361
ASEAN	9 576	8 686	5 040	6 445	9 989
COMECON	0	0	0	0	0
EC	222 157	199 958	212 760	207 132	217 053
EFTA	2 960	2 083	2 231	1 800	1 000
G7	708 948	712 498	645 257	650 608	672 176
NAFTA	854 771	849 059	800 749	804 318	790 504
OECD	1 541 587	1 664 053	1 678 567	1 760 106	1 779 737
SADC	114 717	113 029	100 114	96 900	89 361

	in %	in %	in %	in %	in %
DC	20.84	19.94	20.34	19.38	17.92
LDC	0.06	0.04	0.03	0.04	0.04
WIC	49.78	49.20	48.58	49.89	49.71
CPE	18.98	22.03	23.92	24.31	26.31
NRC	10.33	8.79	7.14	6.38	6.01
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.92	0.80	0.55	0.40	0.28
ASEAN	0.33	0.28	0.16	0.20	0.30
COMECON	0.00	0.00	0.00	0.00	0.00
EC	7.60	6.50	6.86	6.44	6.50
EFTA	0.10	0.07	0.07	0.06	0.03
G7	24.25	23.15	20.80	20.23	20.12
NAFTA	29.24	27.58	25.82	25.00	23.66
OECD	52.74	54.06	54.12	54.72	53.27
SADC	3.92	3.67	3.23	3.01	2.67

**Lithium**

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	5 193	6 588	11 149	12 289	13 263
LDC	0	0	0	0	0
WIC	10 771	11 274	10 876	10 400	8 855
CPE	900	800	750	730	710
NCR	800	800	800	750	700
<b>Total</b>	<b>17 664</b>	<b>19 462</b>	<b>23 575</b>	<b>24 169</b>	<b>23 528</b>

of them:

ACP	941	823	1 316	791	1 017
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	131	114	86	200	135
EFTA	0	0	0	0	0
G7	4 400	4 660	4 190	3 200	2 720
NAFTA	4 400	4 660	4 190	3 200	2 720
OECD	10 771	11 274	10 876	10 400	8 855
SADC	941	823	1 316	791	1 017

	in %	in %	in %	in %	in %
DC	29.40	33.85	47.29	50.85	56.37
LDC	0.00	0.00	0.00	0.00	0.00
WIC	60.98	57.93	46.13	43.03	37.64
CPE	5.10	4.11	3.18	3.02	3.02
NRC	4.53	4.11	3.39	3.10	2.98
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	5.33	4.23	5.58	3.27	4.32
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.74	0.59	0.36	0.83	0.57
EFTA	0.00	0.00	0.00	0.00	0.00
G7	24.91	23.94	17.77	13.24	11.56
NAFTA	24.91	23.94	17.77	13.24	11.56
OECD	60.98	57.93	46.13	43.03	37.64
SADC	5.33	4.23	5.58	3.27	4.32

## Mercury

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	305	368	462	429	256
LDC	0	0	0	0	0
WIC	714	954	452	726	488
CPE	547	510	830	410	196
NCR	554	746	736	754	733
<b>Total</b>	<b>2 120</b>	<b>2 578</b>	<b>2 480</b>	<b>2 319</b>	<b>1 673</b>
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	710	950	452	726	488
EFTA	0	0	0	0	0
G7	0	0	0	0	0
NAFTA	10	0	15	15	15
OECD	724	954	467	741	503
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	14.39	14.27	18.63	18.50	15.30
LDC	0.00	0.00	0.00	0.00	0.00
WIC	33.68	37.01	18.23	31.31	29.17
CPE	25.80	19.78	33.47	17.68	11.72
NRC	26.13	28.94	29.68	32.51	43.81
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
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	33.49	36.85	18.23	31.31	29.17
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.00	0.00	0.00	0.00	0.00
NAFTA	0.47	0.00	0.60	0.65	0.90
OECD	34.15	37.01	18.83	31.95	30.07
SADC	0.00	0.00	0.00	0.00	0.00

## Rare Earths Concentrates

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	3 884	3 638	3 820	3 500	3 192
LDC	34	13	5	3	0
WIC	25 539	22 400	21 000	10 800	5 800
CPE	31 000	55 900	54 100	50 700	70 600
NCR	0	0	0	0	0
<b>Total</b>	<b>60 457</b>	<b>81 951</b>	<b>78 925</b>	<b>65 003</b>	<b>79 592</b>

of them:

ACP	34	13	5	3	0
ASEAN	864	618	600	500	450
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	22 239	20 400	20 000	10 000	5 000
NAFTA	22 239	20 400	20 000	10 000	5 000
OECD	25 239	22 400	21 000	10 800	5 800
SADC	300	0	0	0	0

	in %	in %	in %	in %	in %
DC	6.42	4.44	4.84	5.38	4.01
LDC	0.06	0.02	0.01	0.00	0.00
WIC	42.24	27.33	26.61	16.61	7.29
CPE	51.28	68.21	68.55	78.00	88.70
NRC	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.06	0.02	0.01	0.00	0.00
ASEAN	1.43	0.75	0.76	0.77	0.57
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	36.78	24.89	25.34	15.38	6.28
NAFTA	36.78	24.89	25.34	15.38	6.28
OECD	41.75	27.33	26.61	16.61	7.29
SADC	0.50	0.00	0.00	0.00	0.00

## Tellurium

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	30	25	24	22	20
LDC	0	0	0	0	0
WIC	231	197	190	185	182
CPE	3	0	2	3	4
NCR	0	0	0	0	0
<b>Total</b>	<b>264</b>	<b>222</b>	<b>216</b>	<b>210</b>	<b>206</b>
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	231	197	190	185	182
NAFTA	181	152	150	147	147
OECD	231	197	190	185	182
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	11.36	11.26	11.11	10.48	9.71
LDC	0.00	0.00	0.00	0.00	0.00
WIC	87.50	88.74	87.96	88.10	88.35
CPE	1.14	0.00	0.93	1.43	1.94
NRC	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
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	87.50	88.74	87.96	88.10	88.35
NAFTA	68.56	68.47	69.44	70.00	71.36
OECD	87.50	88.74	87.96	88.10	88.35
SADC	0.00	0.00	0.00	0.00	0.00

## Tin

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	111 686	126 719	120 754	114 844	117 106
LDC	619	569	283	507	564
WIC	14 804	15 567	16 070	13 185	12 097
CPE	65 558	74 137	72 355	72 770	94 500
NCR	9 004	8 004	7 504	4 500	4 500
<b>Total</b>	<b>201 671</b>	<b>224 996</b>	<b>216 966</b>	<b>205 806</b>	<b>228 767</b>

of them:

ACP	327	2 938	2 729	1 567	1 382
ASEAN	53 848	59 000	58 892	61 741	59 840
COMECON	0	0	0	0	0
EC	6 629	6 739	5 970	3 363	2 269
EFTA	0	0	0	0	0
G7	2 000	2 100	2 400	400	100
NAFTA	1	2	5	5	4
OECD	14 805	15 569	16 075	13 190	12 101
SADC	5	2	0	0	0

	in %	in %	in %	in %	in %
DC	55.38	56.32	55.66	55.80	51.19
LDC	0.31	0.25	0.13	0.25	0.25
WIC	7.34	6.92	7.41	6.41	5.29
CPE	32.51	32.95	33.35	35.36	41.31
NRC	4.46	3.56	3.46	2.19	1.97
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.16	1.31	1.26	0.76	0.60
ASEAN	26.70	26.22	27.14	30.00	26.16
COMECON	0.00	0.00	0.00	0.00	0.00
EC	3.29	3.00	2.75	1.63	0.99
EFTA	0.00	0.00	0.00	0.00	0.00
G7	0.99	0.93	1.11	0.19	0.04
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	7.34	6.92	7.41	6.41	5.29
SADC	0.00	0.00	0.00	0.00	0.00

## Zinc

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	1 846 562	1 902 292	1 998 907	2 103 251	2 061 671
LDC	5 218	3 762	2 186	1 734	450
WIC	3 090 588	3 154 934	3 401 748	3 686 227	3 800 441
CPE	1 167 000	1 199 000	1 269 900	1 257 800	995 000
NCR	675 441	633 512	609 530	588 052	675 466
<b>Total</b>	<b>6 784 809</b>	<b>6 893 500</b>	<b>7 282 271</b>	<b>7 637 064</b>	<b>7 533 028</b>

of them:

ACP	19 925	21 457	20 250	21 532	17 666
ASEAN	27 040	36 247	18 200	39 024	37 150
COMECON	0	0	0	0	0
EC	585 905	527 199	560 617	539 862	587 203
EFTA	9 946	4 435	4 400	1 800	0
G7	1 483 952	1 445 547	1 711 084	1 891 642	1 841 972
NAFTA	1 718 896	1 694 066	2 001 961	2 191 398	2 107 733
OECD	3 330 075	3 599 709	3 889 547	4 175 014	4 267 163
SADC	85 647	95 148	89 626	89 898	87 366

	in %	in %	in %	in %	in %
DC	27.22	27.60	27.45	27.54	27.37
LDC	0.08	0.05	0.03	0.02	0.01
WIC	45.55	45.77	46.71	48.27	50.45
CPE	17.20	17.39	17.44	16.47	13.21
NRC	9.96	9.19	8.37	7.70	8.97
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.29	0.31	0.28	0.28	0.23
ASEAN	0.40	0.53	0.25	0.51	0.49
COMECON	0.00	0.00	0.00	0.00	0.00
EC	8.64	7.65	7.70	7.07	7.80
EFTA	0.15	0.06	0.06	0.02	0.00
G7	21.87	20.97	23.50	24.77	24.45
NAFTA	25.33	24.57	27.49	28.69	27.98
OECD	49.08	52.22	53.41	54.67	56.65
SADC	1.26	1.38	1.23	1.18	1.16

### 6.3.3

## Precious Metals

### Edelmetalle

#### Gold

Group	1995 kg	1996 kg	1997 kg	1998 kg	1999 kg
DC	496 775	537 960	561 399	614 452	684 312
LDC	25 753	26 513	45 898	50 563	42 813
WIC	1 282 936	1 303 264	1 355 073	1 334 569	1 280 956
CPE	168 650	154 998	162 800	166 800	161 700
NCR	240 165	219 810	239 331	234 863	262 677
Total	2 214 279	2 242 545	2 364 501	2 401 247	2 432 458

of them:

ACP	179 172	180 980	199 483	232 912	239 640
ASEAN	93 062	116 479	119 712	156 234	163 584
COMECON	0	0	0	0	0
EC	15 699	15 126	17 739	19 219	17 042
EFTA	0	0	0	0	0
G7	481 580	495 431	522 784	545 690	512 800
NAFTA	488 682	506 297	536 081	558 071	522 265
OECD	779 198	832 231	891 179	896 921	853 917
SADC	551 339	524 464	518 842	491 932	480 921

	in %	in %	in %	in %	in %
DC	22.44	23.99	23.74	25.59	28.13
LDC	1.16	1.18	1.94	2.11	1.76
WIC	57.94	58.12	57.31	55.58	52.66
CPE	7.62	6.91	6.89	6.95	6.65
NRC	10.85	9.80	10.12	9.78	10.80
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	8.09	8.07	8.44	9.70	9.85
ASEAN	4.20	5.19	5.06	6.51	6.73
COMECON	0.00	0.00	0.00	0.00	0.00
EC	0.71	0.67	0.75	0.80	0.70
EFTA	0.00	0.00	0.00	0.00	0.00
G7	21.75	22.09	22.11	22.73	21.08
NAFTA	22.07	22.58	22.67	23.24	21.47
OECD	35.19	37.11	37.69	37.35	35.11
SADC	24.90	23.39	21.94	20.49	19.77



## Platinum

Group	1995 kg	1996 kg	1997 kg	1998 kg	1999 kg
DC	1 031	676	658	684	878
LDC	0	0	0	0	0
WIC	202 941	212 875	221 418	209 295	150 195
CPE	0	0	0	0	0
NCR	50 006	20 003	17 003	25 003	27 002
<b>Total</b>	<b>253 978</b>	<b>233 554</b>	<b>239 079</b>	<b>234 982</b>	<b>178 075</b>
of them:					
ACP	6	7	245	273	390
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	18 110	23 739	24 502	28 865	28 062
NAFTA	16 910	22 923	23 809	28 332	27 412
OECD	18 610	24 239	24 952	29 295	28 482
SADC	184 337	188 643	196 711	180 273	122 103
	in %	in %	in %	in %	in %
DC	0.41	0.29	0.28	0.29	0.49
LDC	0.00	0.00	0.00	0.00	0.00
WIC	79.90	91.15	92.61	89.07	84.34
CPE	0.00	0.00	0.00	0.00	0.00
NRC	19.69	8.56	7.11	10.64	15.16
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
of them:					
ACP	0.00	0.00	0.10	0.12	0.22
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	7.13	10.16	10.25	12.28	15.76
NAFTA	6.66	9.81	9.96	12.06	15.39
OECD	7.33	10.38	10.44	12.47	15.99
SADC	72.58	80.77	82.28	76.72	68.57

Silver

Group	1995 kg	1996 kg	1997 kg	1998 kg	1999 kg
DC	6 772 855	6 995 872	7 222 447	7 491 462	7 211 163
LDC	23 434	26 599	17 236	11 885	10 661
WIC	4 666 953	4 810 858	5 105 637	5 675 763	5 990 294
CPE	1 139 000	1 118 000	1 137 400	1 568 400	1 612 000
NCR	2 244 989	2 250 809	1 929 480	2 082 436	2 469 087
Total	14 847 231	15 202 138	15 412 200	16 829 946	17 293 205

of them:

ACP	191 221	154 265	112 446	107 335	93 138
ASEAN	300 331	288 917	300 487	300 262	317 829
COMECON	0	0	0	0	0
EC	559 176	550 844	557 120	560 231	591 234
EFTA	6 000	5 900	5 000	2 000	1 800
G7	2 974 238	3 039 835	3 031 950	3 330 472	3 267 800
NAFTA	5 288 515	5 414 635	5 574 329	6 043 099	5 460 554
OECD	6 895 563	8 118 178	8 696 914	9 503 862	9 276 032
SADC	264 399	229 347	190 291	182 620	180 856

	in %	in %	in %	in %	in %
DC	45.62	46.02	46.86	44.51	41.70
LDC	0.16	0.17	0.11	0.07	0.06
WIC	31.43	31.65	33.13	33.72	34.64
CPE	7.67	7.35	7.38	9.32	9.32
NRC	15.12	14.81	12.52	12.37	14.28
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	1.29	1.01	0.73	0.64	0.54
ASEAN	2.02	1.90	1.95	1.78	1.84
COMECON	0.00	0.00	0.00	0.00	0.00
EC	3.77	3.62	3.61	3.33	3.42
EFTA	0.04	0.04	0.03	0.01	0.01
G7	20.03	20.00	19.67	19.79	18.90
NAFTA	35.62	35.62	36.17	35.91	31.58
OECD	46.44	53.40	56.43	56.47	53.64
SADC	1.78	1.51	1.23	1.09	1.05

### 6.3.4

### Industrial Minerals

### Industrieminerale, Steine und Erden

#### Asbestos

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	488 548	484 768	492 533	459 534	399 577
LDC	0	0	0	0	0
WIC	689 697	629 665	569 350	377 028	405 958
CPE	263 000	293 000	245 000	250 000	300 000
NCR	1 051 397	1 051 450	826 160	776 422	791 450
Total	2 492 642	2 458 883	2 133 043	1 862 984	1 896 985

of them:

ACP	198 057	191 494	186 460	150 995	110 784
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	75 003	80 213	63 294	35 068	35 068
EFTA	0	0	0	0	0
G7	525 288	492 552	456 070	314 760	352 190
NAFTA	525 288	492 552	456 070	314 760	352 190
OECD	600 291	572 765	519 364	349 828	387 258
SADC	287 463	248 394	236 446	178 195	129 484

	in %	in %	in %	in %	in %
DC	19.60	19.71	23.09	24.67	21.06
LDC	0.00	0.00	0.00	0.00	0.00
WIC	27.67	25.61	26.69	20.24	21.40
CPE	10.55	11.92	11.49	13.42	15.81
NRC	42.18	42.76	38.73	41.68	41.72
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	7.95	7.79	8.74	8.11	5.84
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	3.01	3.26	2.97	1.88	1.85
EFTA	0.00	0.00	0.00	0.00	0.00
G7	21.07	20.03	21.38	16.90	18.57
NAFTA	21.07	20.03	21.38	16.90	18.57
OECD	24.08	23.29	24.35	18.78	20.41
SADC	11.53	10.10	11.08	9.57	6.83

## Baryte

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	1 517 499	1 704 442	1 582 827	1 693 157	1 388 601
LDC	36 841	23 113	25 167	22 262	31 179
WIC	1 105 410	1 372 880	1 353 545	1 306 348	1 017 272
CPE	1 530 000	2 550 000	3 560 000	3 300 000	3 320 000
NCR	368 668	428 357	479 560	527 264	569 479
<b>Total</b>	<b>4 558 418</b>	<b>6 078 792</b>	<b>7 001 099</b>	<b>6 849 031</b>	<b>6 326 531</b>

of them:

ACP	18 000	18 650	14 217	13 844	13 140
ASEAN	38 100	37 862	54 832	113 421	84 512
COMECON	0	0	0	0	0
EC	382 882	479 531	400 134	392 706	347 114
EFTA	0	0	0	0	0
G7	931 111	1 095 065	1 094 392	1 034 063	775 046
NAFTA	852 367	1 188 954	1 034 606	901 555	661 953
OECD	1 246 978	1 857 485	1 608 080	1 492 303	1 200 425
SADC	6 548	8 573	3 288	2 444	5 940

	in %	in %	in %	in %	in %
DC	33.29	28.04	22.61	24.72	21.95
LDC	0.81	0.38	0.36	0.33	0.49
WIC	24.25	22.58	19.33	19.07	16.08
CPE	33.56	41.95	50.85	48.18	52.48
NRC	8.09	7.05	6.85	7.70	9.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.39	0.31	0.20	0.20	0.21
ASEAN	0.84	0.62	0.78	1.66	1.34
COMECON	0.00	0.00	0.00	0.00	0.00
EC	8.40	7.89	5.72	5.73	5.49
EFTA	0.00	0.00	0.00	0.00	0.00
G7	20.43	18.01	15.63	15.10	12.25
NAFTA	18.70	19.56	14.78	13.16	10.46
OECD	27.36	30.56	22.97	21.79	18.97
SADC	0.14	0.14	0.05	0.04	0.09

## Bentonite

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	994 101	990 804	1 097 824	1 212 101	1 191 674
LDC	600	730	750	720	700
WIC	7 209 325	6 927 176	7 116 264	7 445 020	7 965 621
CPE	0	0	0	0	0
NCR	1 698 800	1 713 776	1 622 708	1 614 352	1 553 191
Total	9 902 826	9 632 486	9 837 546	10 272 193	10 711 186

of them:

ACP	0	0	0	0	0
ASEAN	35 921	32 549	19 008	18 106	14 879
COMECON	0	0	0	0	0
EC	2 168 291	2 203 062	2 223 705	2 505 146	2 463 911
EFTA	0	0	0	0	0
G7	5 549 200	5 316 384	5 436 796	5 510 304	5 664 250
NAFTA	3 917 853	3 808 120	3 849 000	3 888 800	4 138 496
OECD	6 686 899	7 106 286	7 351 786	7 729 220	8 267 280
SADC	70 927	48 076	33 326	48 400	50 700

	in %	in %	in %	in %	in %
DC	10.04	10.29	11.16	11.80	11.13
LDC	0.01	0.01	0.01	0.01	0.01
WIC	72.80	71.91	72.34	72.48	74.37
CPE	0.00	0.00	0.00	0.00	0.00
NRC	17.15	17.79	16.50	15.72	14.50
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	0.36	0.34	0.19	0.18	0.14
COMECON	0.00	0.00	0.00	0.00	0.00
EC	21.90	22.87	22.60	24.39	23.00
EFTA	0.00	0.00	0.00	0.00	0.00
G7	56.04	55.19	55.27	53.64	52.88
NAFTA	39.56	39.53	39.13	37.86	38.64
OECD	67.53	73.77	74.73	75.24	77.18
SADC	0.72	0.50	0.34	0.47	0.47

## Boron

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	372 414	477 320	649 094	583 333	651 880
LDC	0	0	0	0	0
WIC	2 337 994	2 632 000	2 217 697	2 767 367	2 462 228
CPE	40 000	40 000	60 000	65 000	70 000
NCR	80 000	80 000	80 000	60 000	55 000
<b>Total</b>	<b>2 830 408</b>	<b>3 229 320</b>	<b>3 006 791</b>	<b>3 475 700</b>	<b>3 239 108</b>

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	1 194 000	1 150 000	1 200 000	1 170 000	1 220 000
NAFTA	1 194 000	1 150 000	1 200 000	1 170 000	1 220 000
OECD	1 194 000	2 632 000	2 217 697	2 767 367	2 462 228
SADC	0	0	0	0	0

	in %	in %	in %	in %	in %
DC	13.16	14.78	21.59	16.78	20.13
LDC	0.00	0.00	0.00	0.00	0.00
WIC	82.60	81.50	73.76	79.62	76.02
CPE	1.41	1.24	2.00	1.87	2.16
NRC	2.83	2.48	2.66	1.73	1.70
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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	42.18	35.61	39.91	33.66	37.66
NAFTA	42.18	35.61	39.91	33.66	37.66
OECD	42.18	81.50	73.76	79.62	76.02
SADC	0.00	0.00	0.00	0.00	0.00

## Diamonds (Gem)

Group	1995 carats	1996 carats	1997 carats	1998 carats	1999 carats
DC	1 775 729	1 954 840	1 609 581	1 765 734	6 287 419
LDC	19 983 967	21 260 777	22 833 934	22 700 763	17 837 723
WIC	20 091 056	20 775 900	21 234 952	18 681 600	15 888 800
CPE	50 000	18 000	35 800	36 000	34 000
NCR	8 500 000	9 250 000	9 550 000	10 500 000	11 500 000
<b>Total</b>	<b>50 400 752</b>	<b>53 259 517</b>	<b>55 264 267</b>	<b>53 684 097</b>	<b>51 547 942</b>
of them:					
ACP	21 529 596	22 990 216	24 248 911	24 352 671	19 602 742
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	0	0	0	0	0
NAFTA	0	0	0	0	0
OECD	16 157 200	16 797 200	17 218 400	14 379 200	11 880 000
SADC	20 009 428	21 399 879	24 121 444	22 390 849	22 715 073
	in %	in %	in %	in %	in %
DC	3.52	3.67	2.91	3.29	12.20
LDC	39.65	39.92	41.32	42.29	34.60
WIC	39.86	39.01	38.42	34.80	30.82
CPE	0.10	0.03	0.06	0.07	0.07
NRC	16.86	17.37	17.28	19.56	22.31
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
of them:					
ACP	42.72	43.17	43.88	45.36	38.03
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	32.06	31.54	31.16	26.78	23.05
SADC	39.70	40.18	43.65	41.71	44.07

## Diamonds (Ind)

Group	1995 carats	1996 carats	1997 carats	1998 carats	1999 carats
DC	1 037 507	1 292 852	1 316 862	1 102 598	18 444 725
LDC	23 300 405	23 813 860	18 880 088	27 352 587	7 001 670
WIC	30 136 585	31 163 850	31 852 428	28 022 400	23 833 200
CPE	200 000	72 000	143 200	144 000	136 000
NCR	8 500 000	9 250 000	9 550 000	10 500 000	11 500 000
<b>Total</b>	<b>63 174 497</b>	<b>65 592 562</b>	<b>61 742 578</b>	<b>67 121 585</b>	<b>60 915 595</b>
of them:					
ACP	24 110 500	24 870 225	19 976 532	28 347 614	7 722 789
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	24 235 800	25 195 800	25 827 600	21 568 800	17 820 000
SADC	11 534 574	12 097 094	12 996 243	13 023 204	13 071 064
	in %	in %	in %	in %	in %
DC	1.64	1.97	2.13	1.64	30.28
LDC	36.88	36.31	30.58	40.75	11.49
WIC	47.70	47.51	51.59	41.75	39.12
CPE	0.32	0.11	0.23	0.21	0.22
NRC	13.45	14.10	15.47	15.64	18.88
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
of them:					
ACP	38.16	37.92	32.35	42.23	12.68
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	38.36	38.41	41.83	32.13	29.25
SADC	18.26	18.44	21.05	19.40	21.46



## Diatomite

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	204 900	206 930	209 954	209 348	215 188
LDC	1 500	1 300	1 000	700	600
WIC	834 633	854 713	862 753	876 119	913 492
CPE	0	0	0	0	0
NCR	49 150	49 430	46 400	23 507	41 612
<b>Total</b>	<b>1 090 183</b>	<b>1 112 373</b>	<b>1 120 107</b>	<b>1 109 674</b>	<b>1 170 892</b>

*of them:*

ACP	2 078	1 715	1 297	1 168	1 107
ASEAN	5 591	1 576	2 000	912	2 332
COMECON	0	0	0	0	0
EC	110 051	115 672	116 540	111 785	125 265
EFTA	20 000	25 600	26 863	25 734	28 482
G7	772 082	782 041	789 000	803 500	822 995
NAFTA	739 082	754 241	769 000	790 500	812 495
OECD	910 133	1 021 513	1 041 403	1 033 819	1 092 964
SADC	500	400	350	300	250

	in %	in %	in %	in %	in %
DC	18.80	18.60	18.74	18.87	18.38
LDC	0.14	0.12	0.09	0.06	0.05
WIC	76.56	76.84	77.02	78.95	78.02
CPE	0.00	0.00	0.00	0.00	0.00
NRC	4.51	4.44	4.14	2.12	3.55
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

*of them:*

ACP	0.19	0.15	0.12	0.11	0.09
ASEAN	0.51	0.14	0.18	0.08	0.20
COMECON	0.00	0.00	0.00	0.00	0.00
EC	10.09	10.40	10.40	10.07	10.70
EFTA	1.83	2.30	2.40	2.32	2.43
G7	70.82	70.30	70.44	72.41	70.29
NAFTA	67.79	67.80	68.65	71.24	69.39
OECD	83.48	91.83	92.97	93.16	93.34
SADC	0.05	0.04	0.03	0.03	0.02

## Feldspar

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	1 947 056	2 029 656	1 880 403	1 636 569	1 978 276
LDC	7 091	0	0	0	0
WIC	5 703 577	5 483 045	5 183 269	6 344 009	6 376 560
CPE	9 300	12 100	14 700	16 000	16 500
NCR	374 361	493 276	534 280	526 510	578 973
<b>Total</b>	<b>8 041 385</b>	<b>8 018 077</b>	<b>7 612 652</b>	<b>8 523 088</b>	<b>8 950 309</b>
of them:					
ACP	3 920	3 248	2 254	2 241	1 915
ASEAN	711 513	717 673	573 116	382 181	470 298
COMECON	0	0	0	0	0
EC	3 851 308	3 887 932	3 802 746	4 567 662	4 365 113
EFTA	73 810	72 555	107 335	82 036	73 000
G7	4 114 424	4 168 530	4 161 646	4 806 428	4 604 092
NAFTA	1 002 178	1 029 764	1 085 760	1 017 866	1 137 241
OECD	5 125 072	6 218 373	5 938 741	7 053 568	7 356 835
SADC	53 144	56 892	61 942	59 041	61 215
	in %	in %	in %	in %	in %
DC	24.21	25.31	24.70	19.20	22.10
LDC	0.09	0.00	0.00	0.00	0.00
WIC	70.93	68.38	68.09	74.43	71.24
CPE	0.12	0.15	0.19	0.19	0.18
NRC	4.66	6.15	7.02	6.18	6.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
of them:					
ACP	0.05	0.04	0.03	0.03	0.02
ASEAN	8.85	8.95	7.53	4.48	5.25
COMECON	0.00	0.00	0.00	0.00	0.00
EC	47.89	48.49	49.95	53.59	48.77
EFTA	0.92	0.90	1.41	0.96	0.82
G7	51.17	51.99	54.67	56.39	51.44
NAFTA	12.46	12.84	14.26	11.94	12.71
OECD	63.73	77.55	78.01	82.76	82.20
SADC	0.66	0.71	0.81	0.69	0.68

## Fluorspar

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	897 580	882 611	868 412	902 232	896 601
LDC	900	800	560	500	480
WIC	716 497	686 524	655 027	688 463	589 488
CPE	2 220 000	2 162 600	2 568 000	2 751 000	2 748 000
NCR	292 500	297 500	312 500	435 000	378 000
<b>Total</b>	<b>4 127 477</b>	<b>4 030 035</b>	<b>4 404 499</b>	<b>4 777 195</b>	<b>4 612 569</b>

of them:

ACP	117 306	115 285	91 908	102 993	151 302
ASEAN	24 144	17 247	7 826	3 743	13 005
COMECON	0	0	0	0	0
EC	460 830	451 778	423 262	444 829	357 176
EFTA	0	0	0	0	0
G7	399 830	362 678	323 262	319 829	225 176
NAFTA	573 658	551 871	572 839	608 043	567 106
OECD	1 034 488	1 008 477	1 001 101	1 057 906	929 094
SADC	232 870	234 303	229 973	270 739	275 200

	in %	in %	in %	in %	in %
DC	21.75	21.90	19.72	18.89	19.44
LDC	0.02	0.02	0.01	0.01	0.01
WIC	17.36	17.04	14.87	14.41	12.78
CPE	53.79	53.66	58.30	57.59	59.58
NRC	7.09	7.38	7.10	9.11	8.19
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	2.84	2.86	2.09	2.16	3.28
ASEAN	0.58	0.43	0.18	0.08	0.28
COMECON	0.00	0.00	0.00	0.00	0.00
EC	11.16	11.21	9.61	9.31	7.74
EFTA	0.00	0.00	0.00	0.00	0.00
G7	9.69	9.00	7.34	6.69	4.88
NAFTA	13.90	13.69	13.01	12.73	12.29
OECD	25.06	25.02	22.73	22.14	20.14
SADC	5.64	5.81	5.22	5.67	5.97

## Graphite

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	158 207	205 130	199 764	227 369	222 602
LDC	14 065	14 200	13 250	2 580	2 230
WIC	55 611	83 290	63 795	63 486	56 070
CPE	350 400	380 300	280 200	328 200	275 150
NCR	41 680	44 930	39 800	36 951	33 641
<b>Total</b>	<b>619 963</b>	<b>727 850</b>	<b>596 809</b>	<b>658 586</b>	<b>589 693</b>
of them:					
ACP	25 446	21 891	26 029	16 386	14 551
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	13 053	36 225	15 082	15 215	10 670
EFTA	2 558	7 065	7 713	8 271	7 400
G7	21 034	22 603	23 030	23 200	24 891
NAFTA	54 388	60 412	69 982	65 481	48 781
OECD	82 422	157 202	141 177	133 967	105 851
SADC	11 481	7 891	13 029	14 056	12 551
	in %	in %	in %	in %	in %
DC	25.52	28.18	33.47	34.52	37.75
LDC	2.27	1.95	2.22	0.39	0.38
WIC	8.97	11.44	10.69	9.64	9.51
CPE	56.52	52.25	46.95	49.83	46.66
NRC	6.72	6.17	6.67	5.61	5.70
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
of them:					
ACP	4.10	3.01	4.36	2.49	2.47
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	2.11	4.98	2.53	2.31	1.81
EFTA	0.41	0.97	1.29	1.26	1.25
G7	3.39	3.11	3.86	3.52	4.22
NAFTA	8.77	8.30	11.73	9.94	8.27
OECD	13.29	21.60	23.66	20.34	17.95
SADC	1.85	1.08	2.18	2.13	2.13

## Guano

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	1 057	950	920	825	770
LDC	0	0	0	0	0
WIC	0	0	0	0	0
CPE	0	0	0	0	0
NCR	0	0	0	0	0
<b>Total</b>	<b>1 057</b>	<b>950</b>	<b>920</b>	<b>825</b>	<b>770</b>
of them:					
ACP	1 000	900	900	800	750
ASEAN	57	50	20	25	20
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	0	0	0	0	0
NAFTA	0	0	0	0	0
OECD	0	0	0	0	0
SADC	0	0	0	0	0
	in %	in %	in %	in %	in %
DC	100.00	100.00	100.00	100.00	100.00
LDC	0.00	0.00	0.00	0.00	0.00
WIC	0.00	0.00	0.00	0.00	0.00
CPE	0.00	0.00	0.00	0.00	0.00
NRC	0.00	0.00	0.00	0.00	0.00
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
of them:					
ACP	94.61	94.74	97.83	96.97	97.40
ASEAN	5.39	5.26	2.17	3.03	2.60
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	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	29 854 594	32 489 385	32 201 552	29 355 472	31 083 888
LDC	459 431	427 523	444 143	451 885	449 106
WIC	49 225 070	50 142 337	50 075 191	51 774 659	57 194 884
CPE	7 390 000	7 542 000	7 340 000	7 936 000	8 133 000
NCR	3 571 350	3 258 478	2 986 692	2 982 120	2 813 639
<b>Total</b>	<b>90 500 445</b>	<b>93 859 723</b>	<b>93 047 578</b>	<b>92 500 136</b>	<b>99 674 517</b>

of them:

ACP	373 568	431 045	301 372	384 537	403 644
ASEAN	8 534 025	9 253 240	8 558 955	4 334 210	5 005 473
COMECON	0	0	0	0	0
EC	21 191 087	20 741 114	21 128 822	21 868 102	22 612 824
EFTA	321 800	312 940	293 828	274 300	298 700
G7	35 763 304	36 303 383	35 696 038	36 626 704	41 749 824
NAFTA	28 119 840	29 726 900	29 718 900	30 588 305	35 134 419
OECD	51 316 297	55 270 549	55 390 212	56 725 264	61 827 903
SADC	334 975	375 688	395 279	512 700	530 400

	in %	in %	in %	in %	in %
DC	32.99	34.61	34.61	31.74	31.19
LDC	0.51	0.46	0.48	0.49	0.45
WIC	54.39	53.42	53.82	55.97	57.38
CPE	8.17	8.04	7.89	8.58	8.16
NRC	3.95	3.47	3.21	3.22	2.82
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.41	0.46	0.32	0.42	0.40
ASEAN	9.43	9.86	9.20	4.69	5.02
COMECON	0.00	0.00	0.00	0.00	0.00
EC	23.42	22.10	22.71	23.64	22.69
EFTA	0.36	0.33	0.32	0.30	0.30
G7	39.52	38.68	38.36	39.60	41.89
NAFTA	31.07	31.67	31.94	33.07	35.25
OECD	56.70	58.89	59.53	61.32	62.03
SADC	0.37	0.40	0.42	0.55	0.53

## Kaolin

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	5 104 310	5 299 054	5 325 265	5 464 231	5 281 995
LDC	10 625	11 920	14 358	112 465	131 210
WIC	16 447 321	15 202 986	15 332 034	17 258 351	16 901 426
CPE	905 900	956 100	982 000	1 013 450	1 313 850
NCR	1 886 981	2 403 905	2 618 380	2 326 523	2 353 726
<b>Total</b>	<b>24 355 137</b>	<b>23 873 965</b>	<b>24 272 037</b>	<b>26 175 020</b>	<b>25 982 207</b>
of them:					
ACP	6 504	7 870	8 912	107 408	126 654
ASEAN	720 354	816 076	534 361	457 018	318 470
COMECON	0	0	0	0	0
EC	5 933 565	5 278 040	5 437 588	6 974 061	6 815 363
EFTA	0	0	0	0	0
G7	14 605 362	13 789 802	13 807 986	15 623 820	15 313 554
NAFTA	9 701 810	9 286 220	9 150 000	9 605 000	9 290 609
OECD	16 150 606	16 326 300	16 698 381	18 373 017	17 872 726
SADC	147 180	147 828	121 148	102 500	131 500
	in %	in %	in %	in %	in %
DC	20.96	22.20	21.94	20.88	20.33
LDC	0.04	0.05	0.06	0.43	0.50
WIC	67.53	63.68	63.17	65.93	65.05
CPE	3.72	4.00	4.05	3.87	5.06
NRC	7.75	10.07	10.79	8.89	9.06
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
of them:					
ACP	0.03	0.03	0.04	0.41	0.49
ASEAN	2.96	3.42	2.20	1.75	1.23
COMECON	0.00	0.00	0.00	0.00	0.00
EC	24.36	22.11	22.40	26.64	26.23
EFTA	0.00	0.00	0.00	0.00	0.00
G7	59.97	57.76	56.89	59.69	58.94
NAFTA	39.83	38.90	37.70	36.70	35.76
OECD	66.31	68.39	68.80	70.19	68.79
SADC	0.60	0.62	0.50	0.39	0.51

## Magnesite

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	691 597	749 459	800 309	775 658	709 637
LDC	0	0	0	0	0
WIC	3 996 271	4 365 329	3 263 797	4 929 732	4 155 411
CPE	3 000 000	3 800 000	4 100 000	3 200 000	3 000 000
NCR	2 115 500	2 235 000	2 496 000	2 994 800	3 433 700
<b>Total</b>	<b>9 803 368</b>	<b>11 149 788</b>	<b>10 660 106</b>	<b>11 900 190</b>	<b>11 298 748</b>

of them:

ACP	5 597	10 659	13 050	4 321	5 356
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	1 522 497	1 571 966	1 584 327	1 590 925	1 454 779
EFTA	0	0	0	0	0
G7	200 000	200 000	150 000	200 000	200 000
NAFTA	200 000	200 000	150 000	200 000	200 000
OECD	1 200 421	4 314 971	3 217 098	4 887 432	4 115 411
SADC	89 886	82 017	89 749	78 621	79 356

	in %	in %	in %	in %	in %
DC	7.05	6.72	7.51	6.52	6.28
LDC	0.00	0.00	0.00	0.00	0.00
WIC	40.76	39.15	30.62	41.43	36.78
CPE	30.60	34.08	38.46	26.89	26.55
NRC	21.58	20.05	23.41	25.17	30.39
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.06	0.10	0.12	0.04	0.05
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	15.53	14.10	14.86	13.37	12.88
EFTA	0.00	0.00	0.00	0.00	0.00
G7	2.04	1.79	1.41	1.68	1.77
NAFTA	2.04	1.79	1.41	1.68	1.77
OECD	12.24	38.70	30.18	41.07	36.42
SADC	0.92	0.74	0.84	0.66	0.70



Perlite

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	72 991	79 964	92 019	67 651	70 335
LDC	0	0	0	0	0
WIC	1 843 378	1 628 098	1 827 216	1 723 474	1 902 216
CPE	0	0	0	0	0
NCR	227 200	227 300	262 800	252 500	265 200
<b>Total</b>	<b>2 143 569</b>	<b>1 935 362</b>	<b>2 182 035</b>	<b>2 043 625</b>	<b>2 237 751</b>

of them:

ACP	0	0	0	0	0
ASEAN	17 133	20 000	25 941	6 356	10 235
COMECON	0	0	0	0	0
EC	565 479	598 640	695 917	658 332	777 898
EFTA	0	0	0	0	0
G7	900 103	848 396	991 000	935 000	971 000
NAFTA	735 103	685 813	738 000	721 000	749 000
OECD	1 505 982	1 769 133	2 013 366	1 907 344	2 080 616
SADC	1 338	682	650	630	600

	in %	in %	in %	in %	in %
DC	3.41	4.13	4.22	3.31	3.14
LDC	0.00	0.00	0.00	0.00	0.00
WIC	86.00	84.12	83.74	84.33	85.01
CPE	0.00	0.00	0.00	0.00	0.00
NRC	10.60	11.74	12.04	12.36	11.85
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.80	1.03	1.19	0.31	0.46
COMECON	0.00	0.00	0.00	0.00	0.00
EC	26.38	30.93	31.89	32.21	34.76
EFTA	0.00	0.00	0.00	0.00	0.00
G7	41.99	43.84	45.42	45.75	43.39
NAFTA	34.29	35.44	33.82	35.28	33.47
OECD	70.26	91.41	92.27	93.33	92.98
SADC	0.06	0.04	0.03	0.03	0.03

## Phosphate

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	15 754 041	16 537 167	18 217 273	18 655 118	17 928 739
LDC	949 090	1 015 567	985 554	852 730	631 900
WIC	16 227 042	16 459 060	17 423 023	16 301 855	15 443 738
CPE	27 080 000	31 400 200	30 765 000	31 335 000	31 115 760
NCR	2 775 000	1 981 500	1 580 000	1 875 000	1 920 000
<b>Total</b>	<b>62 785 173</b>	<b>67 393 494</b>	<b>68 970 850</b>	<b>69 019 703</b>	<b>67 040 137</b>

of them:

ACP	1 569 227	1 679 496	1 609 801	1 468 160	1 348 207
ASEAN	6 752	8 033	9 151	11 287	5 680
COMECON	0	0	0	0	0
EC	671 242	667 196	689 053	700 000	734 068
EFTA	0	0	0	0	0
G7	12 765 000	13 000 000	14 000 000	12 900 000	11 767 000
NAFTA	12 964 153	13 218 265	14 228 372	13 142 032	12 071 208
OECD	13 636 195	13 887 325	14 919 395	13 843 887	12 806 946
SADC	2 836 345	2 827 506	2 764 487	2 728 280	2 967 329

	in %	in %	in %	in %	in %
DC	25.09	24.54	26.41	27.03	26.74
LDC	1.51	1.51	1.43	1.24	0.94
WIC	25.85	24.42	25.26	23.62	23.04
CPE	43.13	46.59	44.61	45.40	46.41
NRC	4.42	2.94	2.29	2.72	2.86
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	2.50	2.49	2.33	2.13	2.01
ASEAN	0.01	0.01	0.01	0.02	0.01
COMECON	0.00	0.00	0.00	0.00	0.00
EC	1.07	0.99	1.00	1.01	1.09
EFTA	0.00	0.00	0.00	0.00	0.00
G7	20.33	19.29	20.30	18.69	17.55
NAFTA	20.65	19.61	20.63	19.04	18.01
OECD	21.72	20.61	21.63	20.06	19.10
SADC	4.52	4.20	4.01	3.95	4.43

## Potash

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	2 751 960	2 935 890	2 802 619	3 132 610	2 657 760
LDC	0	0	0	0	0
WIC	15 760 260	14 914 453	16 267 569	15 536 894	14 714 880
CPE	90 000	80 000	100 000	150 000	195 000
NCR	6 960 000	7 450 000	7 598 000	7 786 000	7 098 000
<b>Total</b>	<b>25 562 220</b>	<b>25 380 343</b>	<b>26 768 188</b>	<b>26 605 504</b>	<b>24 665 640</b>

of them:

ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	5 422 860	5 474 453	5 536 569	5 267 894	5 069 880
EFTA	0	0	0	0	0
G7	15 120 860	14 234 453	15 628 569	14 939 894	14 058 880
NAFTA	10 335 000	9 440 000	10 731 000	10 269 000	9 645 000
OECD	15 757 860	14 914 453	16 267 569	15 536 894	14 714 880
SADC	2 400	0	0	0	0

	in %	in %	in %	in %	in %
DC	10.77	11.57	10.47	11.77	10.78
LDC	0.00	0.00	0.00	0.00	0.00
WIC	61.65	58.76	60.77	58.40	59.66
CPE	0.35	0.32	0.37	0.56	0.79
NRC	27.23	29.35	28.38	29.26	28.78
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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	21.21	21.57	20.68	19.80	20.55
EFTA	0.00	0.00	0.00	0.00	0.00
G7	59.15	56.08	58.38	56.15	57.00
NAFTA	40.43	37.19	40.09	38.60	39.10
OECD	61.65	58.76	60.77	58.40	59.66
SADC	0.01	0.00	0.00	0.00	0.00

## Salt

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	38 268 867	39 640 959	41 045 571	43 792 358	47 904 722
LDC	2 084 303	1 966 286	1 792 985	1 639 560	1 333 573
WIC	108 330 603	109 898 826	113 596 127	107 262 454	114 484 434
CPE	26 072 500	30 096 800	30 322 900	23 410 000	29 071 500
NCR	13 241 700	11 415 000	10 719 832	10 820 290	10 641 132
Total	187 997 973	193 017 871	197 477 415	186 924 662	203 435 361

of them:

ACP	2 097 621	1 968 640	1 951 717	1 923 825	1 969 689
ASEAN	1 580 511	1 649 674	1 641 514	1 546 096	1 494 347
COMECON	0	0	0	0	0
EC	43 057 588	43 431 716	45 126 927	40 073 828	42 983 907
EFTA	413 000	464 000	415 400	400 900	540 800
G7	87 184 584	88 755 040	90 047 577	83 734 000	90 260 162
NAFTA	60 776 549	62 834 148	62 597 072	62 367 063	65 804 621
OECD	108 633 745	121 220 864	124 136 399	119 287 417	126 453 455
SADC	1 130 116	958 670	1 132 947	1 198 913	1 204 930

	in %	in %	in %	in %	in %
DC	20.36	20.54	20.78	23.43	23.55
LDC	1.11	1.02	0.91	0.88	0.66
WIC	57.62	56.94	57.52	57.38	56.28
CPE	13.87	15.59	15.36	12.52	14.29
NRC	7.04	5.91	5.43	5.79	5.23
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	1.12	1.02	0.99	1.03	0.97
ASEAN	0.84	0.85	0.83	0.83	0.73
COMECON	0.00	0.00	0.00	0.00	0.00
EC	22.90	22.50	22.85	21.44	21.13
EFTA	0.22	0.24	0.21	0.21	0.27
G7	46.38	45.98	45.60	44.80	44.37
NAFTA	32.33	32.55	31.70	33.36	32.35
OECD	57.78	62.80	62.86	63.82	62.16
SADC	0.60	0.50	0.57	0.64	0.59

## Sulfur

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	4 915 868	5 782 715	5 676 463	5 822 293	6 128 671
LDC	37 000	32 000	28 000	33 956	29 000
WIC	27 592 002	26 129 128	25 471 241	23 253 840	24 208 604
CPE	5 550 000	5 610 000	6 130 000	6 120 000	5 110 000
NCR	5 099 301	4 839 124	5 665 333	5 653 735	5 692 100
<b>Total</b>	<b>43 194 171</b>	<b>42 392 967</b>	<b>42 971 037</b>	<b>40 883 824</b>	<b>41 168 375</b>

of them:

ACP	129 000	107 338	99 476	103 956	99 000
ASEAN	3 000	3 165	9 177	10 000	11 000
COMECON	0	0	0	0	0
EC	3 728 040	3 509 993	3 496 580	3 384 736	3 424 704
EFTA	43 000	42 900	42 500	42 300	42 100
G7	25 335 468	24 050 389	23 431 275	21 194 675	22 182 934
NAFTA	21 694 414	21 031 349	21 325 952	19 342 826	20 293 484
OECD	27 862 114	28 318 242	28 007 401	25 098 766	25 751 288
SADC	580 962	576 573	559 668	550 856	507 800

	in %	in %	in %	in %	in %
DC	11.38	13.64	13.21	14.24	14.89
LDC	0.09	0.08	0.07	0.08	0.07
WIC	63.88	61.64	59.28	56.88	58.80
CPE	12.85	13.23	14.27	14.97	12.41
NRC	11.81	11.41	13.18	13.83	13.83
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.30	0.25	0.23	0.25	0.24
ASEAN	0.01	0.01	0.02	0.02	0.03
COMECON	0.00	0.00	0.00	0.00	0.00
EC	8.63	8.28	8.14	8.28	8.32
EFTA	0.10	0.10	0.10	0.10	0.10
G7	58.65	56.73	54.53	51.84	53.88
NAFTA	50.23	49.61	49.63	47.31	49.29
OECD	64.50	66.80	65.18	61.39	62.55
SADC	1.35	1.36	1.30	1.35	1.23

## Talc

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	1 902 930	1 834 643	2 002 073	1 898 908	1 855 423
LDC	2 742	2 680	6 850	6 457	6 300
WIC	3 274 975	3 390 924	3 424 400	3 395 047	3 193 545
CPE	2 500 000	2 610 000	2 470 000	3 500 000	3 590 000
NCR	352 700	332 650	302 900	270 733	260 339
Total	8 033 347	8 170 897	8 206 223	9 071 145	8 905 607

of them:

ACP	2 460	1 456	1 373	1 339	1 381
ASEAN	80 541	71 668	30 500	21 720	4 960
COMECON	0	0	0	0	0
EC	1 205 143	1 447 029	1 457 541	1 544 515	1 410 545
EFTA	30 683	28 140	30 475	21 000	20 000
G7	2 350 195	2 234 523	2 240 635	2 159 473	2 094 766
NAFTA	1 148 650	1 079 414	1 140 000	1 054 800	1 011 500
OECD	3 109 448	4 114 187	4 232 716	4 251 435	4 062 345
SADC	17 190	19 993	24 557	24 171	23 381

	in %	in %	in %	in %	in %
DC	23.69	22.45	24.40	20.93	20.83
LDC	0.03	0.03	0.08	0.07	0.07
WIC	40.77	41.50	41.73	37.43	35.86
CPE	31.12	31.94	30.10	38.58	40.31
NRC	4.39	4.07	3.69	2.98	2.92
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.03	0.02	0.02	0.01	0.02
ASEAN	1.00	0.88	0.37	0.24	0.06
COMECON	0.00	0.00	0.00	0.00	0.00
EC	15.00	17.71	17.76	17.03	15.84
EFTA	0.38	0.34	0.37	0.23	0.22
G7	29.26	27.35	27.30	23.81	23.52
NAFTA	14.30	13.21	13.89	11.63	11.36
OECD	38.71	50.35	51.58	46.87	45.62
SADC	0.21	0.24	0.30	0.27	0.26

## Vermiculite

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	62 715	54 991	41 256	40 472	58 288
LDC	0	0	0	0	0
WIC	408 748	371 082	380 001	421 300	420 256
CPE	0	0	0	0	0
NCR	40 000	40 000	35 000	80 000	83 000
<b>Total</b>	<b>511 463</b>	<b>466 073</b>	<b>456 257</b>	<b>541 772</b>	<b>561 544</b>
<i>of them:</i>					
ACP	14 199	10 983	16 259	15 157	13 008
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	185 000	180 000	160 000	188 000	182 456
NAFTA	170 200	170 225	150 350	180 360	175 836
OECD	187 200	185 225	169 350	200 360	202 836
SADC	235 490	196 331	225 842	236 104	230 644
	in %	in %	in %	in %	in %
DC	12.26	11.80	9.04	7.47	10.38
LDC	0.00	0.00	0.00	0.00	0.00
WIC	79.92	79.62	83.29	77.76	74.84
CPE	0.00	0.00	0.00	0.00	0.00
NRC	7.82	8.58	7.67	14.77	14.78
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
<i>of them:</i>					
ACP	2.78	2.36	3.56	2.80	2.32
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	36.17	38.62	35.07	34.70	32.49
NAFTA	33.28	36.52	32.95	33.29	31.31
OECD	36.60	39.74	37.12	36.98	36.12
SADC	46.04	42.12	49.50	43.58	41.07

## Zircon

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	56 790	59 516	54 460	48 914	47 700
LDC	0	0	0	0	0
WIC	860 000	908 500	772 000	723 000	681 000
CPE	15 000	15 000	15 000	13 000	12 000
NCR	65 000	65 000	55 000	50 000	30 000
<b>Total</b>	<b>996 790</b>	<b>1 048 016</b>	<b>896 460</b>	<b>834 914</b>	<b>770 700</b>

of them:

ACP	0	0	0	0	0
ASEAN	3 790	4 516	5 010	5 100	5 200
COMECON	0	0	0	0	0
EC	0	0	0	0	0
EFTA	0	0	0	0	0
G7	100 000	100 000	80 000	70 000	65 000
NAFTA	100 000	100 000	80 000	70 000	65 000
OECD	610 000	562 000	507 000	463 000	426 000
SADC	250 000	346 500	265 000	260 000	255 000

	in %	in %	in %	in %	in %
DC	5.70	5.68	6.08	5.86	6.19
LDC	0.00	0.00	0.00	0.00	0.00
WIC	86.28	86.69	86.12	86.60	88.36
CPE	1.50	1.43	1.67	1.56	1.56
NRC	6.52	6.20	6.14	5.99	3.89
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.38	0.43	0.56	0.61	0.67
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	10.03	9.54	8.92	8.38	8.43
NAFTA	10.03	9.54	8.92	8.38	8.43
OECD	61.20	53.63	56.56	55.45	55.27
SADC	25.08	33.06	29.56	31.14	33.09



### 6.3.5

## Mineral Fuels Energierohstoffe

### Hard Coal

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	364 620 832	403 848 515	419 292 054	424 332 138	435 836 131
LDC	1 569 582	1 546 340	1 388 917	1 599 073	1 796 120
WIC	1 500 773 726	1 500 016 620	1 549 695 612	1 625 456 142	1 621 663 295
CPE	1 407 200 000	1 451 300 000	1 430 700 000	1 368 500 000	1 149 094 000
NCR	518 493 471	501 587 705	462 178 298	419 275 820	448 042 643
Total	3 792 657 611	3 858 299 180	3 863 254 881	3 839 163 173	3 656 432 189

of them:

ACP	6 348 992	6 692 330	6 816 766	6 971 277	6 913 774
ASEAN	39 743 977	49 112 356	55 857 526	62 011 124	75 334 828
COMECON	0	0	0	0	0
EC	132 242 599	124 725 297	119 602 987	104 688 952	97 408 000
EFTA	292 094	229 636	386 440	328 169	404 000
G7	1 042 287 247	1 061 579 617	1 082 653 987	1 089 820 952	1 139 398 000
NAFTA	926 533 705	958 169 838	985 379 976	1 005 422 227	1 063 574 835
OECD	1 321 528 460	1 461 163 105	1 493 627 268	1 546 315 397	1 538 427 130
SADC	210 363 916	212 782 341	225 194 086	231 311 277	230 017 308

	in %	in %	in %	in %	in %
DC	9.61	10.47	10.85	11.05	11.92
LDC	0.04	0.04	0.04	0.04	0.05
WIC	39.57	38.88	40.11	42.34	44.35
CPE	37.10	37.62	37.03	35.65	31.43
NRC	13.67	13.00	11.96	10.92	12.25
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0.17	0.17	0.18	0.18	0.19
ASEAN	1.05	1.27	1.45	1.62	2.06
COMECON	0.00	0.00	0.00	0.00	0.00
EC	3.49	3.23	3.10	2.73	2.66
EFTA	0.01	0.01	0.01	0.01	0.01
G7	27.48	27.51	28.02	28.39	31.16
NAFTA	24.43	24.83	25.51	26.19	29.09
OECD	34.84	37.87	38.66	40.28	42.07
SADC	5.55	5.51	5.83	6.03	6.29

## Lignite

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	40 418 738	44 225 894	48 443 000	43 170 721	39 266 308
LDC	40 756	49 912	38 049	41 979	54 773
WIC	456 535 927	455 208 614	454 549 883	433 195 247	436 647 005
CPE	59 700 000	62 922 000	50 500 000	70 200 000	70 500 000
NCR	353 362 698	318 806 281	334 581 024	316 131 734	306 499 339
Total	910 058 119	881 212 701	888 111 956	862 739 681	852 967 425

of them:

ACP	0	0	0	0	0
ASEAN	18 418 738	21 685 894	23 443 000	20 161 721	18 266 308
COMECON	0	0	0	0	0
EC	263 084 049	258 650 377	246 603 946	238 886 645	233 970 437
EFTA	0	0	0	0	0
G7	283 584 416	279 648 894	268 724 741	228 876 061	232 142 000
NAFTA	89 077 897	91 448 255	90 652 553	61 790 000	70 000 000
OECD	458 028 529	589 927 614	586 817 883	558 825 647	553 151 005
SADC	0	0	0	0	0

	in %	in %	in %	in %	in %
DC	4.44	5.02	5.45	5.00	4.60
LDC	0.00	0.01	0.00	0.00	0.01
WIC	50.17	51.66	51.18	50.21	51.19
CPE	6.56	7.14	5.69	8.14	8.27
NRC	38.83	36.18	37.67	36.64	35.93
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	2.02	2.46	2.64	2.34	2.14
COMECON	0.00	0.00	0.00	0.00	0.00
EC	28.91	29.35	27.77	27.69	27.43
EFTA	0.00	0.00	0.00	0.00	0.00
G7	31.16	31.73	30.26	26.53	27.22
NAFTA	9.79	10.38	10.21	7.16	8.21
OECD	50.33	66.94	66.07	64.77	64.85
SADC	0.00	0.00	0.00	0.00	0.00

## Natural Gas

Group	1995 Mio m <sup>3</sup>	1996 Mio m <sup>3</sup>	1997 Mio m <sup>3</sup>	1998 Mio m <sup>3</sup>	1999 Mio m <sup>3</sup>
DC	502 049	526 700	574 190	578 872	584 950
LDC	10 462	11 675	12 250	12 900	15 420
WIC	1 107 061	1 010 037	1 006 789	1 006 160	1 009 341
CPE	18 017	19 019	24 037	24 550	28 141
NCR	736 130	731 082	697 882	713 365	723 070
<b>Total</b>	<b>2 373 719</b>	<b>2 298 513</b>	<b>2 315 148</b>	<b>2 335 847</b>	<b>2 360 922</b>
of them:					
ACP	14 001	14 369	13 718	15 214	15 165
ASEAN	141 810	147 200	152 445	151 249	145 235
COMECON	0	0	0	0	0
EC	211 353	241 155	227 799	224 517	224 803
EFTA	31 100	41 100	45 600	47 100	51 582
G7	951 381	827 692	831 766	832 884	837 443
NAFTA	854 037	720 085	727 542	731 900	730 384
OECD	1 022 162	1 049 552	1 049 031	1 051 693	1 054 869
SADC	600	500	450	400	420
	in %	in %	in %	in %	in %
DC	21.15	22.91	24.80	24.78	24.78
LDC	0.44	0.51	0.53	0.55	0.65
WIC	46.64	43.94	43.49	43.07	42.75
CPE	0.76	0.83	1.04	1.05	1.19
NRC	31.01	31.81	30.14	30.54	30.63
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
of them:					
ACP	0.59	0.63	0.59	0.65	0.64
ASEAN	5.97	6.40	6.58	6.48	6.15
COMECON	0.00	0.00	0.00	0.00	0.00
EC	8.90	10.49	9.84	9.61	9.52
EFTA	1.31	1.79	1.97	2.02	2.18
G7	40.08	36.01	35.93	35.66	35.47
NAFTA	35.98	31.33	31.43	31.33	30.94
OECD	43.06	45.66	45.31	45.02	44.68
SADC	0.03	0.02	0.02	0.02	0.02

## Oil

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	1 843 128 854	1 885 811 338	1 964 295 053	1 974 684 821	2 145 204 502
LDC	53 995 207	56 691 950	57 524 000	59 088 000	62 027 350
WIC	820 831 619	861 198 610	869 150 412	891 042 790	787 087 302
CPE	158 320 654	165 775 900	171 961 500	176 847 310	176 221 900
NCR	382 862 199	361 726 520	411 744 660	410 064 665	377 601 607
<b>Total</b>	<b>3 259 138 533</b>	<b>3 331 204 318</b>	<b>3 474 675 625</b>	<b>3 511 727 586</b>	<b>3 548 142 661</b>

of them:

ACP	178 419 403	195 508 577	204 150 663	188 948 423	188 418 538
ASEAN	124 848 801	123 820 058	125 351 231	125 794 943	125 449 791
COMECON	0	0	0	0	0
EC	148 993 590	148 250 255	147 969 898	167 456 917	165 182 523
EFTA	133 004 175	158 400 000	160 800 000	158 900 000	154 833 000
G7	637 229 774	650 854 352	651 398 535	680 645 397	578 512 767
NAFTA	656 272 000	679 632 000	689 863 700	700 069 000	584 436 500
OECD	832 873 768	1 025 645 410	1 040 145 842	1 062 116 190	941 829 802
SADC	32 338 270	36 510 950	37 000 000	37 500 000	39 733 900

	in %	in %	in %	in %	in %
DC	56.55	56.61	56.53	56.23	60.46
LDC	1.66	1.70	1.66	1.68	1.75
WIC	25.19	25.85	25.01	25.37	22.18
CPE	4.86	4.98	4.95	5.04	4.97
NRC	11.75	10.86	11.85	11.68	10.64
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	5.47	5.87	5.88	5.38	5.31
ASEAN	3.83	3.72	3.61	3.58	3.54
COMECON	0.00	0.00	0.00	0.00	0.00
EC	4.57	4.45	4.26	4.77	4.66
EFTA	4.08	4.76	4.63	4.52	4.36
G7	19.55	19.54	18.75	19.38	16.30
NAFTA	20.14	20.40	19.85	19.94	16.47
OECD	25.56	30.79	29.94	30.24	26.54
SADC	0.99	1.10	1.06	1.07	1.12

## Oil Shale

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	0	0	0	0	0
LDC	0	0	0	0	0
WIC	389 799	344 758	396 782	373 789	388 311
CPE	0	0	0	0	0
NCR	15 800 000	16 200 000	16 382 723	14 464 000	13 780 000
<b>Total</b>	<b>16 189 799</b>	<b>16 544 758</b>	<b>16 779 505</b>	<b>14 837 789</b>	<b>14 168 311</b>

of them:

ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	389 799	344 758	396 782	373 789	388 311
EFTA	0	0	0	0	0
G7	389 301	344 258	396 262	373 357	387 815
NAFTA	0	0	0	0	0
OECD	389 301	344 758	396 782	373 789	388 311
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	2.41	2.08	2.36	2.52	2.74
CPE	0.00	0.00	0.00	0.00	0.00
NRC	97.59	97.92	97.64	97.48	97.26
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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	2.41	2.08	2.36	2.52	2.74
EFTA	0.00	0.00	0.00	0.00	0.00
G7	2.40	2.08	2.36	2.52	2.74
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	2.40	2.08	2.36	2.52	2.74
SADC	0.00	0.00	0.00	0.00	0.00

## Uranium

Group	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t
DC	3 018	3 805	4 133	4 353	4 167
LDC	2 330	3 919	4 124	4 400	2 916
WIC	19 887	22 903	21 680	21 857	22 856
CPE	930	771	740	690	680
NCR	7 217	6 991	6 303	6 814	6 872
<b>Total</b>	<b>33 382</b>	<b>38 389</b>	<b>36 980</b>	<b>38 114</b>	<b>37 491</b>

of them:

ACP	4 977	7 370	8 022	8 518	6 873
ASEAN	0	0	0	0	0
COMECON	0	0	0	0	0
EC	1 248	1 243	973	959	907
EFTA	0	0	0	0	0
G7	13 454	15 003	14 192	14 569	14 329
NAFTA	12 562	14 123	13 586	13 980	13 795
OECD	18 909	21 913	20 496	20 869	21 915
SADC	3 706	4 592	4 750	4 395	4 188

	in %	in %	in %	in %	in %
DC	9.04	9.91	11.18	11.42	11.11
LDC	6.98	10.21	11.15	11.54	7.78
WIC	59.57	59.66	58.63	57.35	60.96
CPE	2.79	2.01	2.00	1.81	1.81
NRC	21.62	18.21	17.04	17.88	18.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

of them:

ACP	14.91	19.20	21.69	22.35	18.33
ASEAN	0.00	0.00	0.00	0.00	0.00
COMECON	0.00	0.00	0.00	0.00	0.00
EC	3.74	3.24	2.63	2.52	2.42
EFTA	0.00	0.00	0.00	0.00	0.00
G7	40.30	39.08	38.38	38.22	38.22
NAFTA	37.63	36.79	36.74	36.68	36.80
OECD	56.64	57.08	55.42	54.75	58.45
SADC	11.10	11.96	12.84	11.53	11.17



**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	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Albania	7 000	6 500	6 000	5 500	5 300	2n
Algeria	1 188 000	1 212 300	883 980	972 000	721 440	1h
Argentina	310	0	0	0	0	1e
Australia	90 049 680	92 698 830	100 583 910	96 997 320	95 445 000	2e
Austria	664 455	634 226	574 121	573 440	559 040	1e
Azerbaijan	0	0	0	11 000	7 100	1a
Brazil	107 880 000	110 780 000	108 286 000	120 060 000	112 520 000	2h
Bulgaria	215 945	222 424	260 550	185 039	361 200	1e
Canada	22 343 080	21 965 400	22 744 000	23 774 000	20 132 000	2e
Chile	5 142 300	5 539 471	5 330 180	5 681 224	5 215 000	1e
China	79 680 000	80 000 000	79 680 000	67 200 000	67 200 000	1h
Colombia	350 000	382 632	442 474	315 714	352 720	2e
DPR Korea	4 000 000	3 800 000	3 700 000	3 500 000	3 300 000	2n
Egypt	1 094 944	1 000 000	1 233 000	1 350 639	1 500 000	2n
France	432 000	422 000	145 300	0	0	1h
Germany, Federal Rep.	9 600	14 600	32 046	84 680	86 120	1a
Guatemala	1 680	2 053	2 100	2 143	4 214	1a
India	37 788 000	38 856 000	46 900 000	45 223 000	45 560 000	1h
Indonesia	191 604	233 806	268 094	308 288	309 100	1h
Iran	4 836 000	5 008 500	4 828 300	4 777 950	3 473 686	1a
Japan	1 301	3 563	1 537	1 720	1 800	2n
Kazakhstan	18 525 000	16 250 000	13 700 000	8 693 000	9 607 000	2h
Korea, Republic of	103 288	100 000	100 000	133 421	119 823	1a
Malaysia	181 972	285 294	269 087	376 090	337 462	1h
Mauritania	7 484 100	7 252 700	7 663 500	6 726 200	6 604 000	1a
Mexico	4 500 089	4 887 562	5 023 826	5 067 406	5 508 174	1e
Morocco	27 383	7 105	7 207	5 685	6 625	1e
New Zealand	1 370 074	1 353 578	1 450 000	1 276 000	1 334 000	1h
Nigeria	90 000	80 000	72 484	70 000	68 000	2n
Norway	1 458 300	1 117 651	478 000	409 200	338 000	1a
Pakistan	0	0	2 015	6 291	17 320	1a
Peru	3 948 200	2 915 691	2 965 889	3 282 118	2 500 000	2h
Portugal	5 417	7 876	7 933	8 159	4 739	1a
Romania	159 000	159 250	110 373	113 605	82 478	1a
Russia	43 065 000	39 655 000	38 940 000	39 765 000	45 210 000	1h



Saudi Arabia	155 000	139 160	110 000	100 000	132 810	1a
Slovakia	261 027	256 000	264 174	262 416	255 200	1e
South Africa, Rep. of	20 908 365	18 497 940	19 920 000	19 779 000	17 710 200	1e
Spain	944 000	1 269 000	580 000	520 000	640 000	1e
Sweden	10 678 841	9 416 960	9 809 205	13 461 760	12 096 000	1e
Thailand	34 480	85 880	44 000	90 700	122 633	1a
Tunisia	121 500	129 060	136 080	118 800	119 880	1a
Turkey	3 303 888	4 205 498	4 112 421	3 943 237	3 246 841	1a
Ukraine	50 400 000	47 600 000	53 000 000	50 700 000	47 769 000	2h
United Kingdom	230	276	276	276	230	2e
United States	39 577 000	39 186 000	38 000 000	37 926 000	36 381 870	1a
Uruguay	735	845	2 210	2 500	3 837	1a
Venezuela	12 274 920	13 130 460	15 775 200	16 214 192	9 328 344	1a
Yugoslavia	96 200	150 000	150 000	130 000	120 000	2n
Zimbabwe	186 811	194 365	287 419	222 953	359 190	1e
<b>Total</b>	<b>575 736 719</b>	<b>571 115 456</b>	<b>588 882 891</b>	<b>580 427 666</b>	<b>556 777 376</b>	

## Chromium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Afghanistan	1 764	1 500	1 365	525	500	2n
Albania	30 892	30 402	22 000	14 000	6 837	1a
Brazil	175 667	216 600	112 274	90 000	76 050	2h
China	80 000	80 000	75 000	70 000	65 000	2n
Cuba	10 131	12 309	14 553	17 000	18 000	2n
Finland	298 837	291 087	350 648	249 000	247 149	1a
Greece	2 000	5 620	5 050	1 950	1 000	2n
India	460 000	538 182	644 000	613 994	600 000	2n
Iran	156 352	138 618	104 509	146 200	154 460	1a
Japan	2 000	2 000	1 800	1 500	1 300	2n
Kazakhstan	1 039 310	511 700	430 000	688 000	820 000	2h
Madagascar	49 000	67 130	58 800	33 963	32 000	2n
Myanmar	200	150	130	120	100	2n
Oman	2 120	6 100	7 160	11 902	10 404	1h
Pakistan	5 968	5 000	7 478	5 180	9 789	1a
Philippines	13 316	18 524	16 673	12 188	17 531	1e
Russia	67 500	43 515	65 250	58 500	45 000	2h
South Africa, Rep. of	2 337 667	2 137 506	2 468 629	2 786 400	2 931 310	1e
Sudan	9 900	7 500	13 300	14 000	11 424	1a
Turkey	409 500	547 403	812 793	604 997	433 658	1a
Viet Nam	1 400	1 300	1 300	2 000	1 800	2n
Zimbabwe	318 345	296 287	301 390	272 432	294 066	1e
<b>Total</b>	<b>5 471 869</b>	<b>4 958 433</b>	<b>5 514 102</b>	<b>5 693 851</b>	<b>5 777 378</b>	

## Cobalt

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Australia	2 400	2 500	2 500	2 000	2 300	2n
Botswana	271	405	348	352	329	1h
Canada	2 016	2 190	2 200	2 324	2 015	2e
China	250	400	450	600	800	2n
Congo,D.R.	0	0	0	0	3 900	2n
Cuba	2 045	1 600	1 950	2 000	2 200	2n
Kazakhstan	300	300	300	300	300	2n
Morocco	535	554	785	287	948	1e
Russia	3 300	3 500	3 300	3 200	3 300	2h
South Africa, Rep. of	190	244	319	296	305	1e
Zaire	3 967	4 041	4 041	3 944	0	
Zambia	5 908	5 126	5 126	4 016	3 802	1h
Zimbabwe	189	106	126	100	129	1e
Total	21 371	20 966	21 445	19 419	20 328	

## Manganese

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 t	Rem
Australia	1 044 480	1 012 320	1 647 000	1 630 000	1 501 000	2e
Brazil	840 000	852 000	849 600	872 000	656 000	2h
Bulgaria	5 600	13 059	14 215	16 679	17 000	2n
Chile	20 188	18 866	19 102	14 345	12 152	1e
China	1 180 000	1 000 000	1 200 000	2 000 000	2 400 000	1h
Colombia	150	140	130	120	0	1e
Egypt	1 207	1 300	1 500	1 600	1 800	2n
Gabon	1 014 000	1 031 116	988 000	990 080	1 087 840	1h
Georgia	200 000	97 000	35 112	16 000	14 200	1e
Ghana	74 760	106 576	132 977	153 669	244 600	1h
Greece	2 035	2 572	1 800	1 898	1 000	1a
Hungary	9 132	8 437	12 900	8 700	11 060	2h
India	640 000	681 806	706 800	583 422	550 000	2n
Indonesia	16 000	17 375	18 600	25 205	26 000	2n
Iran	29 920	32 300	45 900	64 600	41 440	1a
Italy	1 612	1 457	2 128	924	972	1a
Kazakhstan	128 430	129 000	120 000	119 700	168 900	2h
Mexico	140 662	173 380	192 825	187 103	169 107	1e
Morocco	12 592	13 260	13 863	12 749	13 118	1e
Namibia	46 739	45 250	34 907	30 000	29 000	2n
Romania	26 245	29 442	20 647	20 012	13 312	1a
South Africa, Rep. of	1 392 740	1 393 229	1 341 884	1 308 920	1 342 460	1e
Thailand	3 478	3 095	291	52	721	1a
Ukraine	1 100 000	1 040 000	1 030 000	1 446 900	1 293 500	2h
Total	7 929 970	7 702 980	8 430 181	9 504 678	9 595 182	

## Molybdenum

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Armenia	500	670	680	650	800	2n
Canada	9 113	8 169	7 540	7 563	6 293	2e
Chile	17 885	17 414	21 339	25 297	27 309	1e
China	17 500	18 000	35 000	37 000	34 000	1h
Iran	1 655	2 600	2 600	3 100	4 501	1a
Kazakhstan	400	400	400	100	110	2h
Mexico	3 883	4 211	4 842	5 948	7 961	1e
Mongolia	1 500	2 000	2 200	2 300	2 500	2h
Peru	3 411	3 667	3 835	4 344	5 471	2h
Russia	4 500	4 000	4 000	2 000	2 400	2h
United States	60 877	54 900	58 500	53 500	40 695	1a
Uzbekistan	500	700	650	600	500	2h
Total	121 724	116 731	141 586	142 402	132 540	

## Nickel

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Australia	102 000	113 000	134 000	130 000	143 000	2e
Botswana	15 294	17 461	14 996	15 593	15 820	1h
Brazil	15 676	16 432	18 199	26 350	32 268	2h
Canada	119 600	127 439	180 600	200 908	177 229	2e
China	36 000	43 000	39 900	48 100	44 000	1h
Colombia	24 567	21 092	24 774	28 140	28 342	1e
Cuba	42 696	53 700	61 500	67 700	68 000	2h
Dominican Republic	30 890	30 387	32 500	25 200	25 000	1h
Finland	3 548	3 078	3 043	1 789	1 021	1a
Greece	17 155	17 801	17 609	15 000	13 462	1e
Indonesia	50 267	68 537	56 599	54 733	64 700	1h
Kazakhstan	1 200	1 200	1 200	1 200	7 000	2h
Macedonia	5 200	4 500	4 900	6 000	7 000	2n
Myanmar	170	0	0	0	0	1h
New Caledonia	120 700	124 800	136 500	125 300	123 000	2n
Norway	2 892	2 820	2 435	2 964	2 715	1a
Philippines	15 074	14 700	17 400	12 840	9 374	1e
Russia	200 000	190 000	260 000	250 000	260 000	2h
South Africa, Rep. of	29 602	33 861	34 830	36 700	36 200	1e
Ukraine	2 200	500	0	0	0	2h
United States	1 557	1 500	1 500	4 290	3 500	1a
Yugoslavia	1 200	2 500	2 700	800	200	1h
Zimbabwe	10 864	9 694	10 134	10 135	9 594	1e
Total	848 352	898 002	1 055 319	1 063 742	1 071 425	

## Tantalum-Columbium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Australia	275	280	290	300	320	2n
Bolivia	6	6	7	16	9	1a
Brazil	42 968	48 000	45 385	49 470	42 700	2h
Canada	5 700	5 000	4 500	2 200	2 250	2e
Congo,D.R.	0	0	0	0	6	2n
Ethiopia	35	53	60	50	65	1a
Nigeria	20	20	20	18	19	2h
Rwanda	100	99	256	260	265	2n
Zaire	20	10	10	8	0	
Total	49 124	53 468	50 528	52 322	45 634	

## Titanium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Australia	1 279 650	1 287 480	1 472 612	1 538 850	1 267 078	2e
Brazil	57 113	60 000	54 216	53 000	54 000	2h
Canada	750 000	700 000	650 000	630 000	620 000	2n
China	80 000	80 000	100 000	110 000	150 000	1h
Egypt	9 329	1 300	18 000	20 410	22 000	2n
India	150 000	160 000	155 000	242 322	240 000	2h
Kazakhstan	9 592	12 500	13 000	12 000	11 500	2n
Malaysia	64 477	69 883	70 000	65 000	63 000	2n
Norway	368 208	329 840	246 903	261 134	256 889	1a
Russia	16 000	21 000	26 000	22 000	24 000	2h
Sierra Leone	174 901	160 000	150 000	184 790	190 000	2n
South Africa, Rep. of	830 000	930 000	1 040 000	1 100 000	1 200 000	2n
Sri Lanka	32 000	36 030	21 940	19 917	36 550	1h
Ukraine	200 000	200 000	200 000	250 000	250 000	2h
United States	150 000	150 000	130 000	150 000	130 000	2n
Viet Nam	36 000	36 000	35 000	44 550	49 500	1a
Total	4 207 270	4 234 033	4 382 671	4 703 973	4 564 517	

## Tungsten

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Austria	957	1 805	1 916	1 813	2 015	1e
Bolivia	826	733	647	627	421	1a
Brazil	100	100	51	0	0	2h
China	20 000	26 000	25 000	24 000	20 000	1h
DPR Korea	600	500	450	400	350	2n
Kazakhstan	288	280	200	200	180	2n

Malaysia	1	0	0	0	0	1h
Mexico	287	188	179	130	10	1e
Mongolia	0	32	0	0	0	2h
Myanmar	144	23	14	9	7	1h
Peru	728	331	279	76	0	2h
Portugal	873	776	1 029	1 436	1 200	1a
Russia	2 000	3 000	3 000	3 000	3 500	2h
Rwanda	85	104	78	75	73	2n
Tajikistan	100	75	50	0	0	1h
Thailand	92	67	54	61	54	1a
Uganda	17	0	40	7	5	2n
United States	100	100	100	100	0	1a
Uzbekistan	300	300	300	250	200	2h
Zimbabwe	0	0	2	0	0	1e
<b>Total</b>	<b>27 498</b>	<b>34 414</b>	<b>33 389</b>	<b>32 184</b>	<b>28 015</b>	

### Vanadium

<b>C o u n t r y</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>Rem</b>
	<i>metr.t</i>	<i>metr.t</i>	<i>metr.t</i>	<i>metr.t</i>	<i>metr.t</i>	
China	5 000	5 500	7 000	7 500	7 800	2n
Kazakhstan	900	900	900	1 000	1 000	2h
Russia	10 500	10 000	11 000	9 000	9 000	2h
South Africa, Rep. of	15 500	14 800	16 950	17 159	17 600	1e
United States	1 991	2 700	2 500	2 000	1 800	2n
<b>Total</b>	<b>33 891</b>	<b>33 900</b>	<b>38 350</b>	<b>36 659</b>	<b>37 200</b>	

## 6.4.2

## Non-Ferrous Metals

### Nichteisenmetalle

#### Aluminium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Argentina	180 000	170 000	183 700	186 700	190 000	2n
Australia	1 297 000	1 371 000	1 589 000	1 686 000	1 744 000	2e
Azerbaijan	4 000	6 000	4 717	4 757	12 780	1a
Bahrain	460 000	460 000	489 900	460 000	430 000	1h
Brazil	1 180 000	1 200 000	1 189 000	1 210 000	1 250 000	1h
Cameroon	79 300	82 300	90 900	82 000	100 000	2h
Canada	2 171 992	2 283 000	2 327 200	2 374 100	2 389 000	1h
China	1 870 000	1 780 000	2 050 000	2 435 300	1 620 000	1h
Dubai (UAE)	247 000	135 000	250 000	250 000	250 000	2h
Egypt	180 300	179 200	178 200	187 200	190 000	2n
France	372 200	386 000	399 300	423 600	694 000	1h
Germany, Federal Rep.	575 000	576 492	571 940	612 380	633 803	1a
Ghana	135 400	137 000	151 600	56 100	55 000	2n
Greece	131 000	141 295	141 500	156 902	170 301	1e
Hungary	32 000	32 000	33 671	40 700	34 000	1a
Iceland	100 200	103 900	123 356	172 860	163 554	1h
India	465 000	497 540	547 400	543 451	609 500	1h
Iran	220 000	253 000	107 000	117 000	137 313	1a
Italy	197 750	192 833	187 700	187 000	205 567	1a
Japan	18 034	16 959	16 694	16 302	16 100	2n
Netherlands	215 600	227 000	231 800	263 700	270 000	2n
New Zealand	269 000	260 000	310 200	317 500	320 000	2n
Norway	847 000	863 000	918 600	995 500	1 000 000	2n
Poland	52 000	52 100	53 614	52 500	46 750	1h
Russia	2 790 000	2 150 000	2 380 000	2 465 000	2 657 000	2h
Slovakia	60 561	70 000	110 100	108 006	106 000	2n
Slovenia	35 595	100 316	74 400	73 803	70 000	2n
South Africa, Rep. of	233 000	617 000	682 900	692 500	689 230	1e
Spain	361 000	361 826	359 900	360 400	363 900	2e
Suriname	28 100	26 000	23 100	27 100	30 000	2h
Sweden	95 170	100 000	99 000	95 700	95 000	2n
Switzerland	20 700	20 000	27 300	32 100	34 400	1a
Tajikistan	230 000	198 000	188 900	195 600	229 100	1h
Turkey	61 500	62 100	62 000	61 800	60 000	2h
Ukraine	90 000	90 000	100 000	106 700	112 000	2h
United Kingdom	238 000	240 000	247 700	258 400	297 490	2e
United States	3 375 000	3 577 000	3 600 000	3 712 690	3 779 000	2h
Venezuela	637 000	629 268	640 800	584 300	580 000	2n
Yugoslavia	26 000	51 100	80 600	78 000	75 000	2n
Total	19 581 402	19 698 229	20 823 692	21 683 651	21 709 788	

## Antimony

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Australia	1 700	1 300	1 300	1 800	1 800	2h
Bolivia	6 426	6 488	5 985	4 735	2 790	1a
Canada	574	1 405	652	554	475	2e
China	91 000	99 000	101 000	80 000	83 000	1h
Guatemala	640	1 088	880	750	400	2a
Iran	0	0	0	0	155	1a
Kyrgystan	2 500	2 500	2 500	1 298	1 320	1h
Mexico	1 783	983	1 909	1 301	273	1e
Peru	230	305	242	364	255	2h
Russia	6 500	7 000	6 000	4 000	4 000	2h
South Africa, Rep. of	5 537	5 137	3 415	4 243	5 280	2n
Tajikistan	800	500	600	995	1 000	2n
Thailand	522	149	125	442	130	1a
Turkey	744	1 163	810	585	550	2n
United States	0	242	240	242	449	1a
Zimbabwe	37	15	0	0	0	1e
Total	118 993	127 275	125 658	101 309	101 877	

## Arsenic

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Bolivia	362	255	282	284	437	1a
Chile	6 000	6 500	9 000	11 355	12 000	2n
China	13 000	13 000	15 000	17 000	17 500	2n
Iran	30	20	75	350	375	1a
Japan	500	450	420	400	380	2n
Kazakhstan	1 586	1 500	1 500	1 300	1 000	2n
Mexico	3 620	2 942	2 999	2 573	2 419	1e
Namibia	1 246	1 505	1 232	175	0	1h
Peru	274	320	837	624	1 611	2h
Philippines	2 000	2 000	2 000	1 000	900	2n
Russia	1 500	1 500	1 500	1 200	1 100	2n
Total	30 118	29 992	34 845	36 261	37 722	

## Bauxite

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Albania	0	0	4 454	4 000	4 624	1a
Australia	42 655 000	43 063 000	44 878 000	46 444 000	50 033 000	2e
Brazil	8 673 000	12 260 000	11 671 000	13 500 000	13 500 000	2h
China	4 500 000	5 500 000	8 000 000	8 500 000	9 000 000	1h
Colombia	2 000	2 000	1 500	1 000	1 000	2n
Croatia	11 700	7 000	8 000	5 000	6 800	1a
France	75 000	81 000	80 000	80 000	75 000	2n

Germany, Federal Rep.	0	0	0	270	306	1a
Ghana	513 000	473 000	519 000	341 121	355 263	1h
Greece	2 200 215	2 451 734	1 676 979	1 714 023	1 882 505	1e
Guinea	13 764 194	13 800 000	19 250 000	17 000 000	17 200 000	1h
Guyana	1 878 000	2 254 000	2 561 000	2 606 000	2 639 000	1h
Hungary	521 400	504 000	380 900	460 600	473 900	1a
India	5 163 000	200 000	5 800 000	6 451 901	5 700 000	1h
Indonesia	904 458	841 976	808 749	1 055 647	1 116 000	1h
Iran	148 000	160 000	378 600	370 000	439 387	1a
Italy	11 000	0	0	0	0	1a
Jamaica	10 871 000	11 757 000	11 988 000	12 600 000	11 600 000	1h
Kazakhstan	3 319 000	3 140 000	3 100 000	3 437 000	3 607 000	2h
Malaysia	184 433	218 680	279 000	227 724	160 271	1h
Mozambique	11 000	12 000	8 000	6 000	5 500	2n
Pakistan	4 460	2 280	3 179	9 662	14 333	1a
Romania	175 000	175 800	117 100	135 200	136 000	1n
Russia	3 000 000	3 000 000	3 350 000	3 450 000	3 750 000	2h
Suriname	3 502 132	4 000 000	3 877 000	3 890 000	3 900 000	2n
Turkey	232 278	285 570	210 548	261 076	118 414	1a
Venezuela	5 183 000	5 109 122	5 500 000	4 825 647	2 123 640	1a
Yugoslavia	150 000	323 000	470 000	226 000	220 000	2n
<b>Total</b>	<b>107 652 270</b>	<b>109 621 162</b>	<b>124 921 009</b>	<b>127 601 871</b>	<b>128 061 943</b>	

## Bismuth

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Bolivia	19	0	55	0	0	1a
Canada	159	157	185	217	264	2e
China	400	500	600	650	2 000	1h
Japan	600	560	474	470	475	1h
Kazakhstan	33	33	33	50	55	2h
Mexico	988	1 070	1 642	1 204	548	1e
Peru	581	939	774	868	705	2h
Russia	50	50	50	35	30	2n
Tajikistan	8	8	7	5	5	2n
Uzbekistan	10	10	5	3	3	2n
<b>Total</b>	<b>2 848</b>	<b>3 327</b>	<b>3 825</b>	<b>3 502</b>	<b>4 085</b>	

## Cadmium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Algeria	59	50	50	50	40	2n
Argentina	82	40	45	30	28	2n
Australia	950	950	632	585	462	1h
Brazil	162	150	162	162	165	2n
Bulgaria	305	350	275	264	260	2n
Canada	1 686	2 537	2 384	1 323	1 212	2e



China	1 296	1 567	1 800	1 900	1 982	1h
DPR Korea	200	150	204	204	210	2n
Finland	535	648	490	520	700	1h
France	670	650	975	223	200	2n
Honduras	45	45	40	35	34	2n
India	254	256	296	231	220	1h
Italy	308	300	287	382	390	2n
Japan	2 652	2 343	2 373	2 342	2 100	1h
Kazakhstan	1 209	1 200	745	1 463	1 061	2h
Korea, Republic of	908	930	930	930	1 790	1a
Mexico	1 756	1 813	1 872	1 739	1 311	1e
Namibia	15	10	2	0	0	1h
Norway	296	300	290	270	230	2n
Peru	560	550	562	535	465	2h
Poland	252	204	233	218	200	2n
Russia	725	730	790	800	900	2h
Spain	397	297	301	196	190	2n
Turkey	36	36	86	69	40	2h
United Kingdom	549	537	455	440	420	2n
United States	1 266	1 525	1 750	1 880	1 800	2h
Yugoslavia	70	60	80	80	85	2n
<b>Total</b>	<b>17 243</b>	<b>18 228</b>	<b>18 109</b>	<b>16 871</b>	<b>16 495</b>	

## Copper

C o u n t r y	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Afghanistan	1 260	1 800	1 065	680	650	2n
Albania	16 664	10 807	8 700	8 650	8 690	1a
Argentina	0	0	30 000	170 273	210 126	2h
Armenia	7 000	6 951	6 758	9 158	9 611	1h
Australia	437 000	525 000	580 000	678 000	418 000	1e
Bolivia	127	92	182	84	252	1a
Botswana	19 140	20 979	18 350	19 432	18 239	1h
Brazil	49 000	46 200	39 952	33 500	31 200	2h
Bulgaria	90 000	105 610	109 240	87 500	111 730	1a
Canada	700 843	559 902	646 500	688 576	580 036	2e
Chile	2 504 000	3 144 200	3 438 000	3 763 994	4 382 600	1e
China	350 000	400 000	435 000	476 000	480 000	2n
Colombia	3 500	3 000	2 520	2 693	3 173	1e
Congo,D.R.	0	0	0	0	33 000	2n
Cuba	1 852	2 227	2 212	1 000	1 100	2n
Cyprus	0	1 688	3 950	5 000	5 004	1e
DPR Korea	12 000	10 000	12 000	12 000	13 000	2n
Finland	9 065	9 055	8 259	9 217	10 517	1a
France	172	170	196	0	0	1h
Georgia	205	342	684	855	699	1e
Honduras	1 000	1 000	900	800	700	2n
India	38 300	38 000	42 249	47 249	42 534	1h
Indonesia	530 814	619 116	644 246	809 000	766 000	1h
Iran	105 710	113 770	110 000	111 000	131 763	1a
Japan	2 376	1 145	932	1 070	1 038	1h
Kazakhstan	242 800	245 000	316 000	337 600	374 000	2h
Korea, Republic of	30	35	0	0	0	1a

Macedonia	8 560	8 484	8 200	9 100	10 000	2n
Malaysia	20 751	20 671	18 900	14 596	4 910	1h
Mexico	339 347	327 978	338 933	344 766	340 147	1e
Mongolia	120 200	121 000	127 000	127 800	157 500	1h
Morocco	12 497	13 168	13 070	9 373	8 841	1e
Myanmar	8 357	5 813	4 390	0	0	1h
Namibia	29 203	18 306	20 300	8 014	2 000	1h
Nepal	4	3	0	0	0	1h
Norway	6 797	7 389	6 670	2 700	0	2h
Oman	1 067	1 000	1 209	993	900	2n
Papua New Guinea	212 737	186 715	111 515	152 200	188 000	1h
Peru	409 693	485 595	502 970	483 338	536 000	2h
Philippines	102 637	61 615	48 638	45 381	37 631	1e
Poland	433 000	425 000	440 644	479 000	496 000	1h
Portugal	130 041	107 773	106 580	114 515	99 472	1a
Romania	19 088	18 149	17 419	14 378	17 155	1a
Russia	591 000	620 000	505 000	515 000	530 000	2h
Saudi Arabia	814	786	703	782	821	1a
Slovakia	400	913	691	670	124	1h
South Africa, Rep. of	159 475	152 062	153 058	166 000	144 000	1e
Spain	22 359	38 397	38 281	37 185	30 000	1e
Sweden	83 603	71 554	86 610	73 685	71 160	1e
Turkey	33 700	53 607	39 675	50 814	54 053	1a
United States	1 310 625	1 344 862	1 920 000	1 959 367	1 602 247	1a
Uzbekistan	40 000	64 000	65 000	70 000	60 000	1h
Yugoslavia	87 575	82 526	82 500	75 400	75 000	2n
Zaire	35 512	38 900	37 700	35 000	0	
Zambia	299 900	324 200	315 700	282 833	260 223	1h
Zimbabwe	8 045	9 028	6 832	2 941	4 977	1e
Total	9 649 845	10 475 583	11 476 083	12 349 162	12 364 823	

## Gallium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
China	2	2	5	6	7	2n
Hungary	4	5	5	3	5	1a
Japan	6	5	5	4	3	2n
Total	12	12	15	13	15	

## Germanium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
China	8	8	9	10	11	2n
Russia	9	9	8	7	6	2n
United States	19	18	20	22	20	2h
Total	36	35	37	39	37	

## Lead

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Algeria	1 383	1 016	1 342	700	600	2n
Argentina	10 521	11 272	13 700	15 004	14 256	2h
Australia	455 000	522 000	571 000	662 000	692 000	2e
Bolivia	20 387	16 538	18 608	13 848	10 153	1a
Brazil	6 000	5 000	8 729	7 600	9 000	2h
Bulgaria	46 466	43 000	41 269	34 595	37 000	1e
Canada	281 391	246 000	170 400	151 708	156 102	2e
Chile	944	1 374	1 264	337	608	1e
China	519 800	643 100	711 900	757 000	859 000	1h
Colombia	200	200	200	514	514	2n
DPR Korea	35 000	35 000	30 000	25 000	20 000	2n
Georgia	600	500	400	0	0	1e
Greece	21 629	9 704	16 420	26 100	26 460	1e
Honduras	2 500	4 700	5 900	6 800	8 298	1e
India	24 250	30 000	28 700	37 222	35 000	1h
Iran	15 900	18 000	17 600	10 920	14 170	1a
Ireland	46 100	45 300	45 100	35 900	39 200	1a
Italy	22 658	21 000	17 630	10 102	6 000	2h
Japan	9 659	7 753	5 227	6 198	6 074	1h
Kazakhstan	85 000	68 900	35 000	30 100	34 100	2h
Kenya	252	250	0	0	0	1h
Korea, Republic of	4 064	5 200	3 600	3 558	3 644	1a
Macedonia	29 749	29 030	30 690	30 000	24 000	1h
Mexico	179 740	167 114	180 349	171 610	131 402	1e
Morocco	63 011	66 698	68 514	71 326	70 794	1e
Myanmar	1 862	1 130	782	1 255	1 500	2n
Namibia	26 752	24 416	17 000	12 800	9 361	1h
Norway	2 960	2 083	2 231	1 800	1 000	2h
Peru	237 597	248 929	258 189	257 713	271 000	2h
Poland	70 000	66 000	71 000	64 300	64 000	1h
Portugal	100	90	0	0	0	1a
Romania	6 213	6 285	6 191	6 540	7 612	1a
Russia	38 000	30 000	20 000	19 000	13 000	2h
South Africa, Rep. of	87 965	88 613	83 114	84 100	80 000	1e
Spain	30 000	24 000	23 000	19 000	28 000	1e
Sweden	100 070	98 064	108 610	114 430	116 393	1e
Tajikistan	1 000	1 000	900	800	800	2n
Thailand	9 576	8 686	5 040	6 445	9 989	1a
Tunisia	6 160	4 480	2 000	7 000	10 000	1a
Turkey	2 500	12 000	12 000	10 800	5 462	1a
United Kingdom	1 600	1 800	2 000	1 600	1 000	2e
United States	393 640	435 945	450 000	481 000	503 000	1a
Uzbekistan	10 000	10 000	2 000	900	800	2n
Yugoslavia	15 000	16 000	14 000	19 100	19 500	2n
Total	2 923 199	3 078 170	3 101 599	3 216 725	3 340 792	

## Lithium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Australia	6 240	6 500	6 600	7 000	6 000	1h
Brazil	32	32	30	25	24	2n
Canada	400	660	690	700	720	2n
Chile	4 220	5 733	9 803	11 473	12 222	1e
China	900	800	750	730	710	2n
Namibia	104	50	70	90	100	2n
Portugal	131	114	86	200	135	1a
Russia	800	800	800	750	700	2n
United States	4 000	4 000	3 500	2 500	2 000	2n
Zimbabwe	837	773	1 246	701	917	1e
Total	17 664	19 462	23 575	24 169	23 528	

## Mercury

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Algeria	295	368	447	414	241	1h
Australia	4	4	0	0	0	1h
China	547	510	830	410	196	2h
Finland	90	88	63	54	55	1h
Kyrgystan	400	596	611	629	628	1h
Mexico	10	0	15	15	15	1e
Russia	40	40	40	50	40	2n
Slovenia	4	0	0	0	0	1a
Spain	620	862	389	672	433	1e
Tajikistan	60	60	40	35	25	1h
Ukraine	50	50	45	40	40	2n
Total	2 120	2 578	2 480	2 319	1 673	

## Rare Earths Concentrates

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Australia	3 000	2 000	1 000	800	800	1h
Brazil	400	200	400	400	350	2n
China	30 000	55 000	53 300	50 000	70 000	1h
Congo,D.R.	0	0	0	0	2	2n
DPR Korea	1 000	900	800	700	600	2n
India	2 500	2 700	2 700	2 500	2 300	2n
Madagascar	4	3	0	0	0	1h
Malaysia	814	618	600	500	450	2n
South Africa, Rep. of	300	0	0	0	0	1e

Sri Lanka	120	120	120	100	90	2n
Thailand	50	0	0	0	0	1a
United States	22 239	20 400	20 000	10 000	5 000	1a
Zaire	30	10	5	3	0	
Total	60 457	81 951	78 925	65 003	79 592	

## Tellurium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Canada	91	62	60	57	67	2e
Japan	50	45	40	38	35	1h
Mongolia	3	0	2	3	4	2n
Peru	30	25	24	22	20	2n
United States	90	90	90	90	80	1a
Total	264	222	216	210	206	

## Tin

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Australia	8 175	8 828	10 100	9 822	9 828	2e
Bolivia	14 419	14 802	12 898	11 308	12 417	1a
Brazil	20 767	23 178	18 291	14 607	13 200	2h
China	61 900	69 600	67 500	70 000	92 000	1h
India	18	31	16	36	45	1h
Indonesia	45 908	51 029	53 036	53 959	49 100	1h
Kazakhstan	4	4	4	0	0	2h
Laos	102	100	100	226	250	2n
Malaysia	6 355	6 922	5 100	5 754	7 340	1h
Mexico	1	2	5	5	4	1e
Mongolia	58	37	55	0	0	1h
Myanmar	492	233	154	114	132	1h
Namibia	2	2	0	0	0	1h
Niger	17	23	25	26	32	1h
Nigeria	300	2 700	2 700	1 400	1 200	2n
Peru	22 331	27 004	27 952	25 747	30 400	2h
Portugal	4 627	4 637	3 566	2 958	2 163	1a
Russia	9 000	8 000	7 500	4 500	4 500	2h
Rwanda	0	208	0	140	150	2n
Spain	2	2	4	5	6	1e
Tanzania	3	0	0	0	0	1h
Thailand	1 585	1 049	756	2 028	3 400	1a
Uganda	5	5	4	1	0	2n
United Kingdom	2 000	2 100	2 400	400	100	2e
Viet Nam	3 600	4 500	4 800	2 770	2 500	1a
Total	201 671	224 996	216 966	205 806	228 767	

## Zinc

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Algeria	3 874	3 192	3 661	4 644	5 292	1h
Argentina	32 104	31 093	33 357	35 560	34 192	2h
Armenia	0	557	610	500	871	1h
Australia	930 000	1 071 000	1 038 000	1 142 000	1 265 000	2e
Bolivia	146 130	145 092	154 491	152 110	146 316	1a
Brazil	193 976	177 466	152 634	140 000	96 500	2h
Bulgaria	30 000	25 745	25 700	16 000	19 675	1e
Canada	720 346	717 675	1 017 100	1 064 500	960 099	2e
Chile	16 993	17 282	16 005	15 943	15 486	1e
China	1 077 000	1 119 000	1 209 900	1 209 800	950 000	1h
Congo,D.R.	0	0	0	0	1 200	2n
DPR Korea	90 000	80 000	60 000	48 000	45 000	2n
Finland	18 454	28 264	34 287	32 879	19 751	1a
Georgia	1 800	2 000	2 400	1 000	900	2n
Greece	19 534	9 010	15 330	32 600	32 370	1e
Honduras	27 100	37 000	39 500	40 408	35 647	1e
India	130 000	146 754	136 900	193 129	180 000	1h
Iran	73 950	62 000	81 950	69 000	72 875	1a
Ireland	183 500	164 500	193 200	177 200	195 900	1a
Italy	24 455	20 100	15 415	4 472	9 734	1a
Japan	95 274	79 709	71 569	67 670	64 263	1h
Kazakhstan	168 300	168 500	225 000	224 300	288 000	2h
Korea, Republic of	7 747	8 300	9 000	10 489	19 664	1a
Macedonia	22 141	21 560	20 620	14 100	20 000	2h
Mexico	354 673	348 328	377 861	371 898	339 758	1e
Morocco	77 129	76 290	85 898	108 006	108 099	1e
Myanmar	700	600	500	500	450	2n
Namibia	15 407	18 295	18 564	20 298	17 666	1h
Norway	9 946	4 435	4 400	1 800	0	2h
Peru	692 290	760 353	865 267	868 757	899 000	2h
Poland	204 000	165 000	172 000	176 000	177 000	1h
Romania	19 500	17 350	20 300	25 052	31 020	2h
Russia	200 000	199 000	121 000	115 000	123 000	2h
Saudi Arabia	386	380	619	355	316	1a
South Africa, Rep. of	70 240	76 853	71 062	69 600	69 700	1e
Spain	172 000	145 000	147 000	128 000	155 000	1e
Sweden	167 962	160 325	155 385	164 711	174 448	1e
Thailand	27 040	36 247	18 200	39 024	37 150	1a
Tunisia	47 763	34 220	5 000	33 630	52 510	1a
Turkey	35 000	50 000	32 000	45 795	46 300	1a
United States	643 877	628 063	607 000	755 000	807 876	1a
Uzbekistan	15 000	12 000	3 000	1 100	1 000	2n
Yugoslavia	14 700	21 800	18 900	15 000	14 000	2n
Zaire	4 518	3 162	1 686	1 234	0	
Total	6 784 809	6 893 500	7 282 271	7 637 064	7 533 028	

### 6.4.3

### Precious Metals

### Edelmetalle

#### Gold

Country	1995 kg	1996 kg	1997 kg	1998 kg	1999 kg	Rem
Argentina	837	723	2 500	1 945	3 850	2h
Armenia	100	244	850	250	200	2h
Australia	253 500	288 880	316 000	302 760	295 930	2e
Bolivia	14 405	12 634	13 290	14 443	11 787	1a
Botswana	86	5	28	0	0	1h
Brazil	63 299	57 000	58 488	49 000	43 000	2h
Bulgaria	828	649	1 020	1 213	1 033	1a
Burkina Faso	1 422	1 012	1 450	1 500	886	1h
Burundi	35	35	33	30	28	2n
Canada	150 867	164 136	169 050	166 089	157 790	2e
Central African Rep.	100	120	190	100	90	2n
Chile	44 585	53 174	49 459	44 980	48 069	1e
China	160 000	145 000	156 800	161 000	156 000	1h
Colombia	22 436	22 064	19 111	18 811	34 599	1e
Congo,D.R.	0	0	0	0	207	1h
Costa Rica	464	712	733	635	380	2n
Cote d'Ivoire	1 940	1 883	1 419	1 400	2 030	2h
Cuba	0	0	0	300	600	1h
DPR Korea	4 000	4 000	3 800	3 500	3 200	2n
Dominican Republic	3 340	3 717	2 390	1 450	660	1h
Ecuador	1 011	1 200	3 068	1 727	1 600	2n
Eritrea	59	60	44	573	530	1e
Ethiopia	3 160	3 300	3 500	3 712	2 330	1a
Fiji	3 511	4 554	4 671	3 158	3 000	2n
Finland	1 301	1 673	4 775	4 980	3 159	1a
France	4 615	4 590	4 350	3 800	3 000	1h
French Guiana	2 480	2 850	3 000	3 100	3 200	2n
Gabon	100	100	90	80	70	2h
Georgia	1 000	800	700	800	1 190	1e
Ghana	53 881	50 079	54 446	74 315	81 496	1h
Greece	0	0	13	0	0	1e
Guinea	6 910	7 000	7 300	5 000	4 070	1h
Guyana	9 111	10 807	14 597	14 863	14 450	1h
Honduras	150	150	120	87	70	1h
India	1 940	2 710	2 500	2 463	2 030	1h
Indonesia	62 909	83 660	82 700	118 722	129 030	1h
Iran	633	640	684	822	765	1a
Italy	0	0	0	1 200	1 600	2n
Japan	9 185	8 627	8 384	8 601	9 410	1h
Kazakhstan	18 200	12 000	18 700	18 000	19 982	2h
Kenya	151	492	440	388	990	1h
Korea, Republic of	1 270	1 200	1 200	200	320	1a
Kyrgystan	2 000	5 000	17 000	21 000	20 000	1h
Macedonia	760	752	680	700	750	2n

Madagascar	0	0	0	33	40	2n
Malaysia	3 161	2 829	4 488	3 449	3 504	1h
Mali	3 980	4 500	17 000	22 000	17 160	1h
Mauritania	1 800	1 890	1 800	1 700	1 700	2n
Mexico	20 902	24 083	26 031	25 982	23 475	1e
Mongolia	4 650	5 998	2 200	2 000	1 900	2n
Mozambique	300	300	250	230	220	2n
Myanmar	146	171	181	121	116	1h
Namibia	1 910	2 177	2 433	1 882	2 008	1h
New Zealand	12 132	11 571	11 400	7 700	8 600	1h
Nicaragua	1 200	2 059	2 395	2 050	5 416	1e
Niger	53	313	300	320	200	1h
Nigeria	0	0	17	20	25	2n
Oman	520	600	584	579	597	1h
Panama	284	280	250	230	220	2n
Papua New Guinea	55 721	55 623	48 482	59 712	65 000	1h
Peru	57 743	64 885	76 822	94 214	128 090	2h
Philippines	26 889	29 958	32 494	34 038	31 050	1e
Poland	474	530	375	370	350	1h
Romania	539	518	500	490	470	2n
Russia	131 938	123 347	123 000	104 000	126 000	2h
Rwanda	750	400	130	120	100	2n
Saudi Arabia	8 137	7 692	5 320	5 099	4 580	1a
Senegal	0	567	600	600	630	2n
Sierra Leone	130	588	400	370	360	2n
Slovakia	476	470	456	340	302	1e
Solomon Islands	31	30	28	25	23	2n
South Africa, Rep. of	524 640	496 846	491 500	464 200	451 184	1e
Spain	3 255	2 763	1 824	3 295	5 081	1e
Sudan	3 367	3 100	5 634	6 000	5 565	1a
Sweden	6 528	6 100	6 777	5 944	4 202	1e
Tajikistan	1 000	1 500	2 550	3 200	2 700	1h
Tanzania	320	318	315	300	250	2n
Thailand	103	32	30	25	0	1a
Uganda	1 800	2 000	6 830	8 150	9 000	2n
United States	316 913	318 078	341 000	366 000	341 000	1a
Uzbekistan	80 000	71 000	70 000	81 000	86 000	1h
Venezuela	7 793	12 127	22 322	8 808	11 000	2h
Yugoslavia	2 850	3 000	3 500	3 500	3 700	2n
Zaire	1 180	1 252	394	134	0	
Zambia	124	119	91	145	145	1h
Zimbabwe	23 959	24 699	24 225	25 175	27 114	1e
Total	2 214 279	2 242 545	2 364 501	2 401 247	2 432 458	



## Platinum

Country	1995 kg	1996 kg	1997 kg	1998 kg	1999 kg	Rem
Australia	500	500	450	430	420	2n
Canada	10 068	14 983	13 009	14 522	14 012	2h
Colombia	1 025	669	413	411	488	1e
Japan	1 200	816	693	533	650	2n
Russia	50 000	20 000	17 000	25 000	27 000	2h
South Africa, Rep. of	184 331	188 636	196 466	180 000	121 713	1e
United States	6 842	7 940	10 800	13 810	13 400	2h
Yugoslavia	6	3	3	3	2	2n
Zimbabwe	6	7	245	273	390	1e
<b>Total</b>	<b>253 978</b>	<b>233 554</b>	<b>239 079</b>	<b>234 982</b>	<b>178 075</b>	

## Silver

Country	1995 kg	1996 kg	1997 kg	1998 kg	1999 kg	Rem
Algeria	2 000	2 000	1 600	1 500	1 400	2n
Argentina	47 787	50 399	52 500	56 600	73 788	2h
Australia	920 000	1 020 000	1 332 000	1 594 000	1 894 000	2e
Bolivia	425 053	384 384	387 200	403 961	422 492	1a
Brazil	49 775	50 000	26 598	25 000	24 000	2n
Bulgaria	47 972	48 732	31 548	23 700	20 000	2n
Canada	1 228 000	1 305 000	1 213 000	1 115 000	1 173 000	2e
Chile	1 041 097	1 147 000	1 191 311	1 340 199	1 380 711	1e
China	918 000	918 000	918 000	1 350 000	1 375 000	1h
Colombia	5 348	5 691	3 566	5 218	7 594	1e
DPR Korea	200 000	180 000	200 400	200 400	220 000	2n
Dominican Republic	21 402	17 292	12 400	7 530	3 190	1h
Fiji	2 095	2 003	2 653	1 787	1 500	2n
Finland	10 509	34 794	32 200	29 700	31 000	1h
France	1 167	1 550	1 770	1 000	800	1h
Ghana	1 000	1 000	900	600	550	2n
Greece	45 000	16 100	35 900	64 800	65 000	2n
Honduras	30 200	31 000	40 400	48 197	37 766	1e
India	39 800	27 800	48 100	55 363	60 000	1h
Indonesia	260 518	254 893	270 391	279 298	292 330	1h
Iran	1 120	1 300	1 320	1 720	1 630	1a
Ireland	13 700	14 700	13 300	10 800	10 400	1a
Italy	80 000	75 000	70 000	60 000	50 000	2n
Japan	100 078	85 115	87 180	94 472	94 000	1h
Kazakhstan	371 000	414 300	389 300	535 800	904 000	2h
Korea, Republic of	6 500	5 500	5 000	4 500	4 144	1a
Macedonia	15 848	20 025	18 760	20 000	22 000	2n
Malaysia	10 863	9 720	9 600	2 744	7 285	1h
Mexico	2 495 522	2 536 465	2 701 329	2 868 099	2 337 554	1e
Mongolia	21 000	20 000	19 000	18 000	17 000	2n
Morocco	204 000	333 000	262 000	241 000	227 000	1e

Myanmar	4 425	8 915	9 331	3 643	2 159	1h
Namibia	65 847	42 000	33 500	23 000	15 000	1h
New Zealand	27 794	29 340	31 700	22 700	24 300	1h
Nicaragua	2 600	783	934	1 300	2 167	1e
Norway	6 000	5 900	5 000	2 000	1 800	2n
Oman	72	80	145	286	300	2n
Panama	404	400	380	350	330	2n
Papua New Guinea	66 228	64 304	49 165	59 295	59 000	2h
Peru	1 928 853	1 976 536	2 076 536	2 024 570	2 217 000	2h
Philippines	28 950	24 304	20 496	18 220	18 214	1e
Poland	964 000	934 044	1 028 916	1 100 000	1 096 000	1h
Portugal	38 600	33 700	33 900	31 880	26 450	1a
Romania	14 697	15 041	18 000	18 000	17 800	2n
Russia	800 000	750 000	400 000	350 000	375 000	2h
Saudi Arabia	17 681	16 536	17 000	13 844	10 472	1a
Slovakia	372	367	356	436	287	1e
Solomon Islands	9	8	5	3	2	2n
South Africa, Rep. of	172 912	168 689	143 968	144 500	151 960	1e
Spain	102 000	103 000	66 000	63 000	66 000	1e
Sweden	268 200	272 000	304 050	299 051	341 584	1e
Tunisia	2 500	1 500	1 500	400	350	2n
Turkey	88 000	72 800	75 669	82 860	110 000	2h
United States	1 564 993	1 573 170	1 660 000	2 060 000	1 950 000	1a
Yugoslavia	31 100	68 300	42 600	34 500	34 000	2n
Zaire	9 000	9 000	1 000	0	0	
Zambia	10 000	8 676	6 900	8 239	8 500	2n
Zimbabwe	15 640	9 982	5 923	6 881	5 396	1e
Total	14 847 231	15 202 138	15 412 200	16 829 946	17 293 205	

## 6.4.4

## Industrial Minerals

### Industrieminerale, Steine und Erden

#### Asbestos

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Argentina	300	446	0	0	0	1h
Brazil	208 700	213 210	208 447	198 300	188 400	2h
Bulgaria	900	1 000	800	672	650	2n
Canada	516 000	483 000	447 000	309 000	345 000	2e
China	263 000	293 000	245 000	250 000	300 000	1h
Colombia	12 000	11 000	13 670	14 000	14 200	2n
Egypt	391	427	1 836	2 000	2 100	2n
Greece	75 003	80 213	63 294	35 068	35 068	1e
India	25 000	26 101	20 000	19 109	18 000	2n
Iran	44 000	42 000	62 000	75 000	65 953	1a
Kazakhstan	250 000	250 000	125 000	125 000	120 000	2n
Pakistan	100	90	120	130	140	2n
Russia	800 000	800 000	700 000	650 000	670 000	2h
South Africa, Rep. of	89 406	56 900	49 986	27 200	18 700	1e
Swaziland	28 570	26 000	25 900	27 700	22 912	1h
United States	9 288	9 552	9 070	5 760	7 190	1a
Yugoslavia	497	450	360	750	800	2n
Zimbabwe	169 487	165 494	160 560	123 295	87 872	1e
Total	2 492 642	2 458 883	2 133 043	1 862 984	1 896 985	

#### Baryte

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Afghanistan	6 200	6 000	4 700	3 700	3 500	2n
Algeria	29 838	31 348	39 140	37 000	50 500	1h
Argentina	28 907	14 038	14 000	10 000	9 000	2n
Armenia	500	400	350	320	300	2n
Australia	11 729	12 000	12 500	13 000	13 300	2n
Belgium	25 000	21 000	18 000	15 000	14 301	1e
Bolivia	4 000	4 745	4 402	2 500	6 005	1a
Brazil	45 000	40 000	51 961	52 000	52 500	2n
Bulgaria	66 633	30 357	92 710	120 000	130 000	2n
Canada	61 000	57 000	98 000	80 000	70 000	2e
Chile	3 080	2 559	2 654	1 430	823	1e
China	1 500 000	2 500 000	3 500 000	3 200 000	3 200 000	1h
Colombia	6 000	6 800	1 000	1 500	1 600	2n
DPR Korea	30 000	50 000	60 000	100 000	120 000	2n
Ecuador	2 500	2 000	1 800	1 700	1 650	2n
Egypt	535	550	0	0	0	1h
France	75 450	81 200	77 000	75 000	73 000	2n
Germany, Federal Rep.	122 268	121 476	118 698	123 272	118 489	1a

Greece	668	671	742	643	367	1e
Guatemala	570	2 776	3 000	3 500	4 000	2n
India	575 000	500 000	550 000	659 318	400 000	1h
Iran	185 000	210 000	160 000	180 000	183 034	1a
Italy	44 393	80 463	26 694	31 791	24 557	1a
Kazakhstan	150 000	250 000	270 000	300 000	320 000	2n
Malaysia	16 966	17 458	18 000	17 000	16 500	2n
Mexico	248 367	470 028	236 606	161 555	157 953	1e
Morocco	266 226	287 513	343 314	353 438	320 456	1e
Myanmar	30 641	17 113	20 467	18 562	27 679	1h
Nigeria	17 500	17 500	13 000	12 000	10 000	2n
Pakistan	20 900	14 470	22 621	24 472	22 728	1a
Peru	37 476	37 103	63 600	63 000	63 500	2n
Poland	26 000	22 000	20 000	25 000	28 000	2n
Portugal	0	100	0	0	0	1a
Romania	13 935	10 000	8 000	6 644	4 579	1a
Russia	70 000	70 000	70 000	60 000	55 000	2n
Saudi Arabia	0	8 000	5 680	5 479	13 200	1a
Slovakia	41 600	45 600	18 500	15 300	31 600	1e
South Africa, Rep. of	6 048	7 423	2 071	600	2 800	1e
Spain	30 103	81 621	85 000	83 000	61 400	1e
Thailand	21 134	20 404	36 832	96 421	68 012	1a
Tunisia	8 000	16 000	14 000	9 000	4 000	1a
Turkey	100 751	155 000	140 840	160 042	150 058	1a
United Kingdom	85 000	93 000	74 000	64 000	55 000	2e
United States	543 000	661 926	700 000	660 000	434 000	1a
Zimbabwe	500	1 150	1 217	1 844	3 140	1e
Total	4 558 418	6 078 792	7 001 099	6 849 031	6 326 531	

## Bentonite

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Algeria	17 088	19 526	17 700	16 000	15 500	1h
Argentina	113 760	134 588	104 880	137 210	152 300	2h
Armenia	80 000	75 000	70 000	65 000	63 000	2n
Australia	65 000	65 000	60 000	58 000	57 000	2n
Bolivia	3 855	98	1 997	1 334	1 400	2n
Brazil	155 000	150 000	224 055	230 000	240 000	2n
Chile	684	1 191	717	721	1 104	1e
Colombia	3 000	2 500	8 640	9 000	9 000	2n
Croatia	10 300	8 400	4 600	3 500	5 200	1a
Cyprus	51 234	66 200	98 700	170 000	140 182	1e
Czech Republic	54 000	59 000	83 000	125 000	160 000	1a
Ecuador	511	432	205	200	190	2n
Egypt	4 423	4 500	1 136	1 545	1 500	2n
Germany, Federal Rep.	529 446	491 346	511 190	508 738	476 580	1a
Greece	765 000	973 517	942 555	1 148 408	1 099 657	1e
Guatemala	5 839	3 755	3 500	2 278	4 300	1a
Hungary	18 000	15 376	14 848	26 700	9 301	1h
India	300 000	280 000	260 000	250 000	230 000	2n
Indonesia	20 000	15 549	8 308	8 400	8 500	2n

Iran	32 000	84 000	105 000	115 000	131 240	1a
Italy	590 845	475 000	509 960	600 000	562 674	1a
Japan	478 056	468 728	495 646	443 566	420 000	2n
Korea, Republic of	100 000	80 000	100 000	110 000	112 258	1a
Macedonia	4 000	4 000	3 500	3 000	2 800	2n
Mexico	100 000	69 810	69 000	68 800	68 500	2n
Morocco	28 895	29 881	49 633	47 881	36 528	1e
Myanmar	600	730	750	720	700	2n
New Zealand	3 699	4 000	4 100	4 200	4 400	2n
Nicaragua	3 000	2 374	512	400	370	2n
Pakistan	11 790	10 750	10 796	13 998	14 303	1a
Peru	26 961	18 592	22 285	19 563	18 000	2n
Philippines	7 636	8 000	7 500	3 900	1 844	1e
Poland	0	3 000	2 000	2 100	2 300	2n
Romania	30 000	25 000	20 000	18 042	12 590	1a
Russia	1 400 000	1 400 000	1 300 000	1 250 000	1 200 000	2n
Slovakia	52 500	76 000	79 760	81 010	60 000	1e
South Africa, Rep. of	70 927	48 076	33 326	48 400	50 700	1e
Spain	150 000	120 199	120 000	110 000	190 000	2h
Thailand	8 285	9 000	3 200	5 806	4 535	1a
Turkey	605 499	400 000	519 487	565 708	899 614	1a
Turkmenistan	50 000	48 000	45 000	40 000	38 000	2n
United Kingdom	133 000	143 000	140 000	138 000	135 000	2n
United States	3 817 853	3 738 310	3 780 000	3 820 000	4 069 996	1a
Uruguay	140	58	60	65	120	1a
<b>Total</b>	<b>9 902 826</b>	<b>9 632 486</b>	<b>9 837 546</b>	<b>10 272 193</b>	<b>10 711 186</b>	

## Boron

C o u n t r y	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Argentina	244 933	342 210	422 556	275 422	302 900	2h
Bolivia	5 400	4 128	6 095	7 026	6 746	1a
Chile	80 000	90 000	170 605	280 140	324 691	1e
China	40 000	40 000	60 000	65 000	70 000	1h
Iran	1 500	1 000	2 850	2 800	2 543	1a
Kazakhstan	80 000	80 000	80 000	60 000	55 000	2n
Peru	40 581	39 982	46 988	17 945	15 000	2h
Turkey	1 143 994	1 482 000	1 017 697	1 597 367	1 242 228	1a
United States	1 194 000	1 150 000	1 200 000	1 170 000	1 220 000	1a
<b>Total</b>	<b>2 830 408</b>	<b>3 229 320</b>	<b>3 006 791</b>	<b>3 475 700</b>	<b>3 239 108</b>	

## Diamonds (Gem)

C o u n t r y	1995 carats	1996 carats	1997 carats	1998 carats	1999 carats	Rem
Angola	2 880 000	3 330 000	4 770 000	2 700 000	1 919 643	1h
Australia	16 157 200	16 797 200	17 218 400	14 379 200	11 880 000	1h
Botswana	11 761 707	12 436 943	14 070 000	13 841 100	14 943 000	1h
Brazil	104 500	98 000	70 000	63 000	56 000	2n

Central African Rep.	450 500	467 500	425 000	425 000	382 500	2h
China	50 000	18 000	35 800	36 000	34 000	1h
Congo,D.R.	0	0	0	0	4 400 000	1h
Cote d'Ivoire	12 000	11 200	16 000	14 400	12 000	2h
Ghana	126 267	147 425	165 905	161 148	95 349	1h
Guinea	269 643	270 000	427 500	225 000	150 000	1h
Guyana	15 604	14 700	10 684	10 044	13 620	1h
India	7 200	11 401	11 000	12 102	14 400	1h
Liberia	32 500	29 250	29 250	27 630	28 600	1h
Myanmar	0	0	4	0	0	1h
Namibia	1 312 670	1 412 134	1 083 000	1 368 000	1 557 050	1h
Russia	8 500 000	9 250 000	9 550 000	10 500 000	11 500 000	2h
Sierra Leone	142 710	180 962	69 680	201 000	214 400	2n
South Africa, Rep. of	3 933 856	3 978 700	4 016 552	4 302 400	4 008 800	1e
Swaziland	12 000	12 800	13 000	13 200	12 000	1h
Tanzania	42 107	98 122	42 500	81 033	199 580	1h
Venezuela	118 400	116 000	113 600	38 724	52 000	2n
Zaire	4 404 800	4 448 000	3 000 000	5 200 000	0	
Zimbabwe	67 088	131 180	126 392	85 116	75 000	1e
<b>Total</b>	<b>50 400 752</b>	<b>53 259 517</b>	<b>55 264 267</b>	<b>53 684 097</b>	<b>51 547 942</b>	

### Diamonds (Ind)

Country	1995 carats	1996 carats	1997 carats	1998 carats	1999 carats	Rem
Angola	320 000	370 000	530 000	300 000	313 294	1h
Australia	24 235 800	25 195 800	25 827 600	21 568 800	17 820 000	1h
Botswana	5 040 731	5 312 119	6 030 000	5 931 900	6 404 400	1h
Brazil	45 000	42 000	30 000	27 000	24 000	2n
Central African Rep.	79 500	82 500	75 000	75 000	67 500	2h
China	200 000	72 000	143 200	144 000	136 000	1h
Congo,D.R.	0	0	0	0	17 600 000	1h
Cote d'Ivoire	3 000	2 800	4 000	3 600	3 000	2h
Ghana	505 070	589 701	663 619	644 594	381 395	1h
Guinea	89 881	90 000	142 500	75 000	50 000	1h
Guyana	36 410	34 300	24 928	23 436	31 780	1h
India	4 800	20 442	20 000	22 477	21 600	1h
Liberia	67 500	60 750	60 750	57 380	25 650	1h
Myanmar	12	45	18	7	6	1h
Namibia	69 087	72 323	57 000	72 000	81 950	1h
Russia	8 500 000	9 250 000	9 550 000	10 500 000	11 500 000	2h
Sierra Leone	76 150	89 130	34 320	99 000	105 600	2n
South Africa, Rep. of	5 900 785	5 968 050	6 024 828	6 453 600	6 013 200	1e
Swaziland	40 000	51 200	52 000	52 800	48 000	1h
Tanzania	7 431	17 316	7 500	14 300	35 220	1h
Venezuela	177 600	174 000	170 400	58 087	78 000	2n
Zaire	17 619 200	17 792 000	12 000 000	20 800 000	0	
Zimbabwe	156 540	306 086	294 915	198 604	175 000	1e
<b>Total</b>	<b>63 174 497</b>	<b>65 592 562</b>	<b>61 742 578</b>	<b>67 121 585</b>	<b>60 915 595</b>	

## Diatomite

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Algeria	3 500	3 000	2 332	2 100	2 000	2n
Argentina	4 928	8 647	9 000	9 500	10 000	2n
Armenia	700	400	400	350	320	2n
Australia	12 000	11 000	10 000	9 800	9 500	2n
Brazil	14 049	14 000	13 500	13 000	12 500	2n
Canada	5 000	4 500	4 000	3 500	3 300	2n
Chile	11 451	11 592	11 825	14 868	14 477	1e
Costa Rica	11 500	11 500	11 000	10 500	10 300	2n
Czech Republic	29 000	35 000	39 000	18 000	37 000	1a
Ethiopia	1 500	1 300	1 000	700	600	2n
France	80 000	80 000	80 000	75 000	73 000	2n
Iceland	20 000	25 600	26 863	25 734	28 482	1h
Iran	0	0	0	0	4 350	1a
Kenya	578	415	297	468	507	1h
Korea, Republic of	81 303	80 000	80 000	78 000	80 222	1a
Mexico	47 000	52 200	60 000	62 000	62 500	2n
Peru	25 000	24 000	20 000	18 000	16 000	2h
Portugal	1 780	1 550	1 540	785	2 265	1a
Romania	14 450	9 530	4 000	2 657	1 992	1a
Slovakia	5 000	4 500	3 000	2 500	2 300	1h
South Africa, Rep. of	500	400	350	300	250	1e
Spain	28 271	34 122	35 000	36 000	50 000	1e
Thailand	5 591	1 576	2 000	912	2 332	1a
United States	687 082	697 541	705 000	725 000	746 695	1a
Total	1 090 183	1 112 373	1 120 107	1 109 674	1 170 892	

## Feldspar

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Algeria	6 000	5 800	5 500	5 000	4 500	2n
Argentina	36 901	72 539	80 000	82 000	84 000	2n
Australia	23 500	24 000	23 500	23 200	23 000	2n
Brazil	145 000	145 000	135 000	130 000	125 000	2n
Chile	7 293	3 702	3 808	1 460	1 346	1e
Colombia	58 100	78 093	66 845	68 000	69 000	2n
Cuba	9 300	12 100	14 700	16 000	16 500	2n
Czech Republic	183 000	211 000	220 400	199 000	244 000	1a
Ecuador	10 297	10 321	60 328	21 265	20 000	2n
Egypt	36 342	75 049	53 783	32 565	31 000	2n
Finland	42 100	42 100	40 000	42 740	42 434	1a
France	632 000	546 000	621 000	650 000	670 000	2n
Germany, Federal Rep.	329 624	359 666	425 529	469 928	500 946	1a
Greece	27 000	48 620	55 700	55 700	52 900	1e
Guatemala	5 544	11 060	12 000	17 248	17 072	1a
Hungary	44 000	44 000	45 000	46 000	47 000	2n

India	70 000	92 682	90 000	106 811	108 000	2n
Indonesia	25 000	29 473	24 399	53 068	55 000	2m
Iran	86 000	90 000	125 000	125 000	156 058	1a
Italy	2 199 315	2 310 450	2 118 117	2 800 000	2 493 846	1a
Japan	65 086	55 122	60 000	60 000	58 000	2n
Jordan	7 341	7 500	7 340	7 200	7 100	2n
Korea, Republic of	367 578	330 000	320 000	248 493	409 334	1a
Macedonia	10 000	9 500	10 000	9 500	9 300	2n
Mexico	121 779	139 972	155 760	197 866	262 241	1e
Myanmar	7 091	0	0	0	0	1h
Norway	73 810	72 555	107 335	82 036	73 000	1a
Pakistan	11 750	27 370	14 428	31 168	31 456	1a
Peru	9 099	5 918	2 502	3 984	4 000	2n
Philippines	25 950	26 000	12 717	3 824	16 740	1e
Poland	46 000	64 000	74 000	75 000	77 000	2n
Portugal	98 269	98 596	96 000	80 794	114 687	1a
Romania	30 920	34 975	35 000	37 010	36 473	1a
Russia	55 000	55 000	75 000	80 000	85 000	2n
Saudi Arabia	11 000	10 000	7 500	10 000	15 000	1a
South Africa, Rep. of	49 224	53 644	59 688	56 800	59 300	1e
Spain	465 000	420 000	398 000	429 000	450 000	1e
Sri Lanka	6 500	6 000	2 010	3 387	3 400	2n
Sweden	50 000	55 000	41 400	33 000	34 000	1a
Thailand	660 563	662 200	536 000	325 289	398 558	1a
Turkey	760 250	500 000	200 000	734 311	923 147	1a
United Kingdom	8 000	7 500	7 000	6 500	6 300	2n
United States	880 399	889 792	930 000	820 000	875 000	1a
Uruguay	5 099	2 006	3 229	2 700	1 556	1a
Uzbekistan	0	70 000	70 000	75 000	75 000	2n
Venezuela	230 000	195 723	160 000	158 000	156 000	1a
Yugoslavia	5 441	4 801	4 880	5 000	5 200	2n
Zimbabwe	3 920	3 248	2 254	2 241	1 915	1e
Total	8 041 385	8 018 077	7 612 652	8 523 088	8 950 309	

## Fluorspar

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Afghanistan	900	800	560	500	480	2n
Argentina	5 071	5 666	6 000	12 000	7 000	1h
Brazil	81 000	77 700	78 399	65 000	60 000	2h
China	2 000 000	2 000 000	2 400 000	2 550 000	2 550 000	1h
Colombia	800	700	1 000	900	950	2n
DPR Korea	40 000	35 000	33 000	30 000	28 000	2n
Egypt	321	300	280	140	120	2n
France	130 000	110 800	106 600	110 000	100 000	1h
Germany, Federal Rep.	39 081	32 448	23 868	30 641	28 260	1a
India	20 000	19 926	18 000	3 966	2 000	2n
Iran	16 400	20 000	6 200	6 800	18 218	1a
Italy	124 749	126 530	105 794	104 188	46 916	1a
Kazakhstan	75 000	80 000	85 000	90 000	85 000	2n
Kenya	80 230	83 000	68 700	60 854	93 602	1h
Mexico	522 658	523 971	552 839	598 043	557 106	1e



Mongolia	180 000	127 600	135 000	171 000	170 000	2n
Morocco	106 500	100 000	103 800	105 000	83 100	1e
Namibia	37 076	32 285	23 208	42 139	57 700	1h
Pakistan	1 380	816	160	2 647	2 800	2n
Russia	137 500	137 500	137 500	250 000	200 000	2h
South Africa, Rep. of	195 794	202 018	206 765	228 600	217 500	1e
Spain	112 000	117 000	120 000	135 000	142 000	1e
Thailand	24 144	17 247	7 826	3 743	13 005	1h
Tunisia	2 000	1 000	2 000	1 000	1 000	1a
Turkey	8 873	4 828	5 000	5 034	4 812	1a
United Kingdom	55 000	65 000	67 000	65 000	40 000	2e
United States	51 000	27 900	20 000	10 000	10 000	2n
Uzbekistan	80 000	80 000	90 000	95 000	93 000	2n
<b>Total</b>	<b>4 127 477</b>	<b>4 030 035</b>	<b>4 404 499</b>	<b>4 777 195</b>	<b>4 612 569</b>	

## Graphite

C o u n t r y	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Austria	12 019	33 122	12 582	10 738	2 635	1e
Brazil	37 000	32 000	31 190	30 000	29 000	2n
Canada	20 000	20 000	22 000	22 000	21 000	2n
China	320 000	350 000	250 000	300 000	250 000	2n
Czech Republic	27 000	30 000	26 200	24 000	22 000	1a
DPR Korea	30 000	30 000	30 000	28 000	25 000	2n
Germany, Federal Rep.	1 034	2 603	1 030	1 200	3 891	1a
India	70 000	117 527	100 000	131 822	150 000	2n
Korea, Republic of	1 938	3 500	3 200	3 000	0	1a
Madagascar	13 965	14 000	13 000	2 330	2 000	2n
Mexico	34 388	40 412	47 982	43 481	27 781	1e
Norway	2 558	7 065	7 713	8 271	7 400	1a
Romania	2 180	2 930	2 000	1 951	1 041	1a
Russia	7 500	7 000	6 800	6 500	6 300	2h
Sri Lanka	3 500	4 000	4 613	5 260	3 500	1h
Sweden	0	500	1 470	3 277	4 144	1e
Tanzania	100	200	250	250	230	2n
Turkey	20 000	20 000	19 000	18 000	17 000	2n
Ukraine	5 000	5 000	4 800	4 500	4 300	2n
Viet Nam	400	300	200	200	150	2n
Zimbabwe	11 381	7 691	12 779	13 806	12 321	1e
<b>Total</b>	<b>619 963</b>	<b>727 850</b>	<b>596 809</b>	<b>658 586</b>	<b>589 693</b>	

## Guano

C o u n t r y	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Philippines	57	50	20	25	20	2n
Seychellen	1 000	900	900	800	750	2n
<b>Total</b>	<b>1 057</b>	<b>950</b>	<b>920</b>	<b>825</b>	<b>770</b>	

## Gypsum and Anhydrite

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Abu Dhabi (UAE)	30 000	30 000	25 000	23 000	20 000	2n
Afghanistan	98 000	95 000	74 000	80 000	82 000	2n
Albania	10 000	2 108	2 000	1 500	3 499	1a
Algeria	250 000	240 000	230 000	200 000	190 000	2n
Angola	35 000	35 000	30 000	27 000	25 000	2n
Argentina	590 055	633 121	712 935	550 556	633 100	2h
Australia	2 100 000	2 100 000	2 000 000	2 200 000	2 200 000	1h
Austria	958 430	996 387	975 738	961 400	999 204	1e
Azerbaijan	55 000	50 000	45 000	43 000	21 000	1a
Bhutan	45 000	66 602	67 000	67 000	68 000	2n
Bolivia	500	192	20	0	72	1a
Brazil	789 000	1 200 000	1 395 664	1 220 000	1 530 000	2h
Bulgaria	162 595	168 948	156 263	183 929	148 700	1e
Canada	8 055 000	8 468 000	8 502 600	8 095 000	8 935 000	2e
Chile	464 060	520 089	398 354	780 676	886 294	1e
China	7 340 000	7 500 000	7 300 000	7 900 000	8 100 000	1h
Colombia	450 000	522 236	565 000	700 000	750 000	2n
Croatia	110 000	87 000	80 000	105 000	167 000	1a
Cyprus	148 275	94 000	236 200	350 000	181 446	1e
Czech Republic	542 000	443 000	233 000	258 000	136 000	1a
Dominican Republic	95 168	86 848	86 000	87 000	88 000	2n
Ecuador	2 430	2 038	1 510	2 378	3 000	2n
Egypt	2 031 836	2 500 000	2 030 000	2 423 188	2 000 000	1h
Eritrea	20	25	29	564	960	1e
Ethiopia	40 000	40 000	35 000	33 000	37 798	1a
France	4 800 000	4 550 000	4 500 000	4 300 000	4 200 000	2n
Germany, Federal Rep.	2 828 710	2 585 383	2 482 720	2 499 169	3 032 115	1a
Greece	485 353	546 344	662 646	554 998	686 416	1e
Guatemala	70 000	27 761	27 500	27 200	35 000	2n
Honduras	25 500	30 000	25 000	23 000	22 000	2n
Hungary	151 000	185 000	192 000	185 000	203 000	1a
India	1 900 000	2 096 338	2 200 000	2 326 876	2 500 000	1h
Indonesia	800	1 660	1 955	406	300	2n
Iran	8 230 000	8 750 000	8 900 000	9 750 000	10 790 918	1a
Iraq	380 000	400 000	420 000	430 000	450 000	2n
Ireland	406 000	423 000	477 000	500 000	500 000	1a
Israel	47 500	75 000	90 000	56 000	50 000	1h
Italy	1 492 594	1 200 000	1 210 718	1 232 535	1 382 709	1a
Jamaica	188 000	251 000	132 000	200 000	220 000	2n
Jordan	166 575	120 810	114 500	110 000	100 000	2n
Kenya	1 000	900	900	700	600	1h
Laos	110 000	75 000	115 000	104 250	100 000	2n
Latvia	78 813	63 888	60 905	93 611	65 000	1a
Lebanon	2 000	1 800	1 500	1 300	1 200	2n
Libya	170 000	180 000	190 000	200 000	180 000	1a
Mauritania	10 100	12 500	5 460	18 795	18 800	2n
Mexico	3 477 840	3 758 900	4 216 300	3 993 305	3 799 419	1e
Moldavia	13 600	12 700	13 000	19 080	17 440	1a
Mongolia	25 000	20 000	20 000	18 000	17 000	2n
Myanmar	37 011	28 599	40 642	40 234	43 102	1h
Nicaragua	10 000	20 242	15 820	12 000	11 000	2n

Niger	1 500	1 897	2 000	2 200	1 502	1a
Oman	104 490	113 137	77 971	165 000	180 130	1h
Pakistan	624 000	416 000	412 196	254 410	273 236	1h
Paraguay	7 000	7 500	6 500	6 300	6 000	2n
Peru	25 340	65 446	64 863	71 018	75 000	2n
Poland	1 038 000	1 082 000	1 039 000	1 000 000	1 000 000	1h
Portugal	520 000	540 000	520 000	570 000	562 380	1a
Russia	1 000 000	700 000	650 000	600 000	580 000	2n
Saudi Arabia	370 000	429 200	406 954	460 000	500 000	1a
Slovakia	0	0	116 000	128 000	117 000	1h
Somalia	1 000	900	800	700	650	2n
South Africa, Rep. of	299 975	340 688	365 279	485 700	505 400	1e
Spain	7 700 000	7 900 000	8 300 000	9 250 000	9 450 000	1e
Sudan	1 800	2 000	9 212	15 000	11 144	1a
Switzerland	321 800	312 940	293 828	274 300	298 700	1a
Syria	300 000	358 438	329 910	290 355	295 000	2n
Tajikistan	250 000	250 000	230 000	200 000	190 000	2n
Thailand	8 533 225	9 251 580	8 557 000	4 333 804	5 005 173	1a
Tunisia	180 000	180 000	160 000	150 000	155 000	2n
Turkey	670 208	679 595	784 662	351 557	242 960	1a
Turkmenistan	120 000	169 577	137 400	130 000	128 000	2n
Uganda	0	0	0	142	150	2n
United Kingdom	2 000 000	2 000 000	2 000 000	2 000 000	1 800 000	2e
United States	16 587 000	17 500 000	17 000 000	18 500 000	22 400 000	1a
Uruguay	90 000	95 000	90 000	85 000	82 000	2n
Venezuela	100 000	30 149	80 000	72 000	70 000	2h
Viet Nam	25 000	22 000	20 000	18 000	16 000	2n
Yemen, Republic of	80 000	70 000	65 000	63 000	60 000	2n
Yugoslavia	40 342	44 257	32 124	35 000	37 000	2n
Total	90 500 445	93 859 723	93 047 578	92 500 136	99 674 517	

## Kaolin

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Albania	1 500	1 300	1 200	1 100	1 000	2n
Algeria	24 068	23 417	18 533	13 600	16 800	1h
Argentina	39 860	64 241	65 000	66 000	67 000	2n
Australia	200 000	190 000	170 000	220 000	230 000	2n
Austria	426 553	189 235	266 058	298 110	152 457	1e
Bangladesh	3 300	3 500	3 800	3 700	3 500	2n
Belgium	19 000	18 000	15 000	13 000	14 221	1e
Brazil	1 000 000	1 110 000	1 280 000	1 380 000	1 520 000	2h
Bulgaria	168 455	188 795	158 185	151 451	150 000	2n
Burundi	4 000	4 000	3 500	3 200	3 000	2n
Chile	10 845	13 452	14 238	11 530	4 361	1e
China	900 000	950 000	970 000	1 000 000	1 300 000	2n
Colombia	1 000 000	900 000	800 000	700 000	680 000	2n
Cuba	5 200	5 500	11 500	13 000	13 500	2n
Czech Republic	546 000	545 610	773 495	587 730	518 300	1a
Ecuador	4 505	8 654	7 346	7 000	8 000	2n
Egypt	233 097	293 381	258 725	285 497	260 000	2h
Eritrea	1 328	1 000	1 946	1 587	1 256	1e
Ethiopia	701	1 438	3 512	2 400	1 654	1a

France	345 000	326 000	332 000	330 000	320 000	1h
Germany, Federal Rep.	1 924 769	1 794 352	1 794 501	3 360 563	3 542 945	1a
Greece	66 582	60 453	56 459	46 388	64 931	1e
Guatemala	76	109	110	115	60	1a
Hungary	12 000	3 000	3 000	9 500	3 000	1a
India	600 000	685 675	530 000	708 503	760 000	1h
Indonesia	45 000	49 744	49 000	30 036	30 000	2n
Iran	471 000	470 000	860 000	1 050 000	858 510	1a
Italy	85 661	126 000	180 570	0	0	1a
Japan	182 122	141 230	110 915	83 257	90 000	1h
Jordan	65 998	37 832	34 550	34 000	33 500	2n
Kenya	300	300	200	150	130	1h
Korea, Republic of	495 055	500 000	480 000	393 736	380 000	1a
Madagascar	700	650	600	378	300	2n
Malaysia	211 182	209 562	187 411	176 521	170 000	2n
Mexico	220 000	165 000	160 000	155 000	130 000	2n
New Zealand	13 662	26 000	26 000	26 000	26 000	1h
Nigeria	150	150	100	80	70	2n
Pakistan	0	0	74 965	72 262	65 794	1a
Paraguay	70 000	75 000	80 000	100 000	150 000	1e
Peru	8 445	14 295	7 875	4 968	4 000	2n
Philippines	3 543	3 000	1 440	2 000	5 465	1e
Poland	53 800	56 200	70 000	70 000	70 000	1h
Portugal	180 000	165 000	97 000	216 000	200 809	1a
Romania	35 000	32 000	28 000	24 742	25 496	1a
Russia	1 000 000	1 500 000	1 500 000	1 400 000	1 500 000	2n
Saudi Arabia	30 000	7 000	6 700	7 100	7 500	1a
Slovakia	13 300	17 000	24 500	22 000	22 930	1e
South Africa, Rep. of	146 527	146 496	120 148	101 300	130 000	1h
Spain	300 000	318 000	296 000	310 000	320 000	1e
Sri Lanka	4 500	4 000	7 562	13 172	13 500	2n
Taiwan	100 000	102 000	100 000	0	0	2n
Tanzania	596	1 332	1 000	1 200	1 500	2n
Thailand	460 629	553 770	296 510	248 461	113 005	1a
Turkey	489 635	300 000	477 383	403 733	449 454	1a
Uganda	0	0	0	100 000	120 000	2n
United Kingdom	2 586 000	2 281 000	2 400 000	2 400 000	2 200 000	2n
United States	9 481 810	9 121 220	8 990 000	9 450 000	9 160 609	1a
Venezuela	6 000	8 472	5 000	4 500	4 300	2n
Viet Nam	700	600	500	450	350	1a
Yugoslavia	56 926	60 000	60 000	60 000	63 000	2n
Zimbabwe	57	0	0	0	0	1e
Total	24 355 137	23 873 965	24 272 037	26 175 020	25 982 207	

## Magnesite

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Australia	261 421	180 083	333 668	360 787	280 505	2e
Austria	783 497	710 620	790 297	722 876	748 635	1e
Brazil	282 000	302 700	294 629	292 000	208 800	2h
Canada	200 000	200 000	150 000	200 000	200 000	1h
China	1 500 000	2 200 000	2 400 000	2 400 000	2 200 000	1h
Colombia	10 000	9 000	8 500	7 500	7 300	2n

DPR Korea	1 500 000	1 600 000	1 700 000	800 000	800 000	1h
Greece	520 000	662 346	623 030	698 049	495 144	1e
India	335 000	373 000	375 000	350 755	345 000	2n
Iran	55 000	50 000	105 000	120 000	141 081	1a
Pakistan	4 000	4 100	4 130	1 082	2 100	1a
Poland	26 000	21 000	30 000	32 000	34 000	2n
Russia	1 200 000	1 300 000	1 500 000	2 000 000	2 400 000	2h
Slovakia	814 500	825 000	868 000	877 800	917 700	1e
South Africa, Rep. of	84 289	71 358	76 699	74 300	74 000	1e
Spain	219 000	199 000	171 000	170 000	211 000	1e
Turkey	1 928 064	2 341 922	1 119 103	2 703 720	2 146 127	1a
Yugoslavia	75 000	89 000	98 000	85 000	82 000	2n
Zimbabwe	5 597	10 659	13 050	4 321	5 356	1e
<b>Total</b>	<b>9 803 368</b>	<b>11 149 788</b>	<b>10 660 106</b>	<b>11 900 190</b>	<b>11 298 748</b>	

## Perlite

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Argentina	20 058	21 547	27 578	21 495	20 000	2n
Armenia	5 000	6 000	6 000	10 000	40 000	2h
Australia	3 600	3 500	3 400	3 200	3 000	2n
Greece	565 479	598 640	695 917	658 332	777 898	1e
Hungary	104 000	104 300	151 800	148 500	141 000	1a
Iran	800	1 000	3 500	3 800	2 100	1a
Japan	200 000	200 000	288 000	250 000	260 000	1h
Mexico	35 000	37 417	35 000	36 000	38 000	2h
New Zealand	1 800	1 880	1 900	2 000	1 900	2n
Philippines	17 133	20 000	25 941	6 356	10 235	1e
Russia	100 000	90 000	80 000	70 000	65 000	2n
Slovakia	18 200	27 000	25 000	24 000	19 200	1e
South Africa, Rep. of	1 338	682	650	630	600	2n
Turkey	371 058	175 000	134 349	124 312	147 818	1a
United States	700 103	648 396	703 000	685 000	711 000	1a
<b>Total</b>	<b>2 143 569</b>	<b>1 935 362</b>	<b>2 182 035</b>	<b>2 043 625</b>	<b>2 237 751</b>	

## Phosphate

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Algeria	542 640	357 340	361 420	442 000	372 640	1h
Australia	800	1 864	1 970	1 855	1 670	2e
Brazil	1 220 600	1 298 800	1 510 000	1 502 800	1 462 000	2h
Burkina Faso	250	250	200	180	170	2n
Cambodia	1 200	1 000	1 000	1 000	10 000	1e
Chile	2 500	2 000	1 800	3 917	2 167	1e
China	26 800 000	31 040 200	30 365 000	30 980 000	30 754 000	1h
Christmas Island	100 000	163 200	164 000	207 120	218 560	1h
Colombia	9 000	14 200	13 000	15 000	15 500	2n
DPR Korea	130 000	200 000	220 000	155 000	140 000	1h

Egypt	266 144	250 000	364 650	269 989	259 590	1h
Finland	671 242	667 196	689 053	700 000	734 068	1a
India	351 000	351 000	245 430	398 862	438 210	1h
Indonesia	1 000	505	533	752	800	2n
Iran	0	0	0	0	171 640	1a
Iraq	440 000	465 000	466 000	495 000	415 000	1h
Israel	2 028 000	2 322 000	2 708 000	2 940 000	2 287 500	1h
Jordan	1 828 225	1 713 618	1 945 542	1 861 440	1 850 000	2n
Kazakhstan	1 500 000	900 000	500 000	450 000	420 000	2n
Mali	720	0	0	0	0	1h
Mexico	199 153	218 265	228 372	242 032	304 208	1e
Morocco	6 297 030	6 465 050	7 156 040	7 119 460	6 870 000	1e
Nauru	228 000	193 800	190 000	185 060	272 840	1h
Pakistan	8 000	15 000	16 000	10 000	5 000	1a
Peru	20 000	18 000	17 000	46 821	50 000	2n
Philippines	3 752	4 000	4 800	7 506	1 000	1e
Russia	1 275 000	1 081 500	1 080 000	1 425 000	1 500 000	2n
Senegal	574 992	628 140	593 560	589 000	700 878	1e
South Africa, Rep. of	2 790 000	2 790 000	2 732 000	2 700 000	2 941 000	1h
Sri Lanka	12 300	12 500	9 768	12 784	13 000	2n
Syria	400 000	656 352	741 173	748 236	638 017	1a
Tanzania	0	717	800	850	900	2n
Thailand	2 000	3 528	3 818	3 029	3 880	1a
Togo	946 920	1 013 600	983 554	850 700	620 830	1h
Tunisia	1 134 360	1 287 180	1 357 380	1 430 280	1 441 080	1a
United States	12 765 000	13 000 000	14 000 000	12 900 000	11 767 000	1a
Venezuela	39 000	60 900	87 300	96 600	109 800	1h
Viet Nam	150 000	160 000	180 000	200 000	221 760	1a
Zimbabwe	46 345	36 789	31 687	27 430	25 429	1e
Total	62 785 173	67 393 494	68 970 850	69 019 703	67 040 137	

## Potash

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Azerbaijan	50 000	50 000	50 000	45 000	43 000	2n
Belorussia	4 000 000	4 600 000	4 048 000	4 181 000	3 600 000	1h
Brazil	215 411	235 000	280 164	326 000	348 200	2h
Canada	8 855 000	8 050 000	9 301 000	8 969 000	8 345 000	2e
Chile	65 000	112 770	148 050	151 200	115 000	2h
China	90 000	80 000	100 000	150 000	195 000	1h
France	896 000	812 000	780 000	450 000	350 000	2n
Germany, Federal Rep.	3 278 363	3 331 790	3 420 601	3 580 350	3 543 360	1a
Israel	1 346 270	1 520 120	1 525 000	1 745 210	1 114 560	1h
Jordan	1 125 279	1 068 000	849 405	910 200	1 080 000	2h
Russia	2 800 000	2 700 000	3 400 000	3 500 000	3 400 000	2h
South Africa, Rep. of	2 400	0	0	0	0	1e
Spain	637 000	680 000	639 000	597 000	656 000	1e
Ukraine	110 000	100 000	100 000	60 000	55 000	2n
United Kingdom	611 497	650 663	696 968	640 544	520 520	2e
United States	1 480 000	1 390 000	1 430 000	1 300 000	1 300 000	2h
Total	25 562 220	25 380 343	26 768 188	26 605 504	24 665 640	

## Salt

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Abu Dhabi (UAE)	35 000	38 000	35 000	30 000	28 000	2n
Afghanistan	25 000	28 000	31 500	35 000	36 000	2n
Albania	40 000	35 000	22 732	22 000	20 000	2n
Algeria	250 000	220 000	137 310	172 000	163 700	1h
Angola	40 000	30 000	28 000	25 000	23 000	2n
Argentina	1 009 297	1 096 321	1 100 000	1 200 000	1 250 000	2n
Armenia	26 000	26 400	26 500	24 911	24 000	2n
Australia	8 480 000	7 905 000	9 043 000	9 203 000	9 835 000	2e
Austria	787 392	776 041	704 764	735 468	809 071	1e
Azerbaijan	30 000	25 000	23 000	25 400	29 800	1a
Bahamas	850 000	800 000	750 000	730 000	720 000	2n
Bangladesh	650 000	620 000	600 000	580 000	250 000	2n
Belorussia	285 000	290 000	235 000	290 000	300 000	2n
Benin	90	80	70	70	75	2n
Bolivia	200	273	869	720	688	1a
Botswana	208 126	180 000	184 533	214 700	230 000	2n
Brazil	6 100 000	5 500 000	6 516 000	7 000 000	7 100 000	1h
Bulgaria	110 000	100 000	85 000	73 742	70 000	2n
Cambodia	38 000	35 000	36 000	40 000	50 000	1e
Canada	10 957 000	12 126 000	13 264 300	13 192 000	12 643 000	2e
Cape Verde	1 100	1 000	1 000	900	850	2n
Chile	3 494 451	4 042 796	5 488 135	6 207 266	6 800 000	2h
China	24 900 000	28 990 000	29 280 600	22 420 000	28 120 000	1h
Colombia	200 000	320 000	373 000	496 103	461 366	1e
Costa Rica	25 000	25 000	20 000	18 000	17 000	2n
Croatia	22 800	17 500	16 600	24 000	18 673	1a
Cuba	154 500	159 800	166 300	175 000	177 000	2n
DPR Korea	500 000	480 000	460 000	450 000	430 000	2n
Denmark	579 324	590 000	540 000	455 295	548 000	1h
Dominican Republic	10 000	10 000	9 000	8 500	8 300	2n
Egypt	1 849 145	2 000 000	1 530 000	2 487 645	2 600 000	2n
El Salvador	21 500	21 500	21 000	20 500	20 300	2n
Eritrea	254 700	300 000	252 076	114 136	100 000	2n
Ethiopia	150 000	150 000	100 000	90 000	85 000	2n
France	7 540 000	7 074 000	8 112 000	5 900 000	5 900 000	1h
Germany, Federal Rep.	14 607 210	15 943 040	15 656 728	14 139 000	16 703 000	1a
Ghana	45 000	40 000	35 000	30 000	25 000	2n
Greece	140 000	138 239	173 889	208 000	176 867	1e
Guatemala	80 000	80 000	75 000	73 000	72 000	2n
Honduras	25 000	30 000	28 000	25 000	27 991	2n
India	9 500 000	9 500 000	9 300 000	9 000 000	12 000 000	1h
Indonesia	600 000	500 000	400 000	300 000	250 000	2n
Iran	936 000	1 000 000	1 180 000	1 450 000	1 668 790	1a
Iraq	230 000	240 000	250 000	260 000	270 000	2n
Israel	946 017	765 000	750 000	700 000	700 000	2n
Italy	3 430 374	3 000 000	3 594 549	3 240 000	3 338 162	1a
Jamaica	14 000	14 500	15 000	15 500	15 800	2n
Japan	1 400 000	1 400 000	1 420 000	1 000 000	950 000	2n
Jordan	78 175	80 000	80 000	263 365	400 000	2h
Kenya	71 400	72 000	71 400	21 742	44 886	1h
Kuwait	37 038	36 000	36 000	35 000	34 800	2n

Laos	8 000	7 000	7 500	3 453	3 200	2n
Lebanon	2 500	2 500	2 000	1 800	1 700	2n
Libya	30 000	28 000	27 000	30 000	25 000	1a
Madagascar	45 000	45 000	40 000	38 000	35 000	2n
Malta	160	150	130	120	100	2n
Mexico	7 669 549	8 508 148	7 932 772	8 412 063	8 235 621	1e
Mongolia	18 000	17 000	16 000	15 000	14 500	2n
Morocco	172 782	165 393	257 500	107 604	156 158	1e
Mozambique	40 000	35 000	30 000	25 000	24 000	2n
Myanmar	250 000	230 000	200 000	180 000	170 000	2n
Namibia	423 525	378 860	485 414	496 113	489 330	1h
Nepal	7	6	6	1	0	1h
Netherlands	4 786 000	4 800 000	5 601 000	5 600 000	5 400 000	1a
New Zealand	80 000	75 000	70 000	68 000	65 000	2n
Nicaragua	15 000	16 000	15 000	14 000	12 000	2n
Niger	2 000	2 000	1 800	1 600	2 000	1a
Oman	14 317	12 429	10 069	13 778	11 230	1h
Pakistan	890 000	966 000	1 058 653	1 115 763	1 250 000	1a
Panama	30 000	28 000	29 763	25 266	25 000	2n
Peru	140 200	145 000	79 492	220 310	250 000	2n
Philippines	600 000	620 000	686 514	700 000	704 347	1e
Poland	3 209 000	3 099 000	2 964 000	4 005 000	4 128 000	1h
Portugal	587 288	604 396	595 997	597 065	558 807	1a
Puerto Rico	37 500	37 000	36 500	36 000	36 000	2n
Romania	2 489 300	2 688 900	2 800 000	2 200 037	2 196 759	1a
Russia	3 400 000	2 000 000	1 600 000	1 500 000	1 400 000	2n
Saudi Arabia	91 000	128 000	155 575	104 347	132 905	1a
Senegal	25 100	57 000	50 000	60 000	65 000	2n
Slovakia	99 600	103 200	97 000	102 200	99 900	1e
Somalia	4 000	3 500	3 000	2 700	2 500	2n
South Africa, Rep. of	313 465	248 110	320 000	356 100	358 600	1e
Spain	3 500 000	3 494 000	3 548 000	3 699 000	3 750 000	1e
Sri Lanka	120 000	125 000	126 000	126 000	130 000	2n
Sudan	59 780	60 000	60 000	80 000	117 148	1a
Switzerland	413 000	464 000	415 400	400 900	540 800	1a
Syria	78 000	72 415	66 975	78 757	72 710	1a
Taiwan	400 000	410 000	420 000	300 000	250 000	2n
Tanzania	105 000	86 700	85 000	82 000	80 000	2n
Thailand	380 511	529 674	555 000	546 096	540 000	2n
Tunisia	319 000	557 000	437 000	466 000	455 000	1a
Turkey	1 442 050	2 012 000	2 500 000	2 169 626	2 146 127	1a
Turkmenistan	10 000	15 000	30 000	35 000	38 000	2n
Uganda	3 500	3 000	2 500	2 000	1 800	2n
Ukraine	3 500 000	3 000 000	2 800 000	2 500 000	2 300 000	2n
United Kingdom	7 100 000	7 012 000	6 600 000	5 500 000	5 800 000	2e
United States	42 150 000	42 200 000	41 400 000	40 763 000	44 926 000	1a
Venezuela	460 000	460 000	450 000	430 000	420 000	2n
Viet Nam	500 000	450 000	400 000	350 000	330 000	2n
Yemen, Republic of	200 000	150 000	130 000	125 000	123 000	2n
Yugoslavia	20 000	15 000	20 000	18 000	16 000	2n
Total	187 997 973	193 017 871	197 477 415	186 924 662	203 435 361	



## Sulfur

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Abu Dhabi (UAE)	90 000	80 000	80 000	75 000	73 000	2n
Albania	2 000	1 500	1 300	1 200	1 100	2n
Algeria	26 000	26 000	25 000	24 500	24 000	2n
Australia	450 000	400 000	350 000	330 000	300 000	2n
Austria	10 340	3 122	11 098	10 045	9 468	1e
Bahrain	41 513	40 000	40 000	41 000	41 500	2n
Bolivia	0	0	0	0	7	1a
Brazil	256 755	230 000	234 707	460 000	480 000	2n
Bulgaria	25 301	26 624	25 033	21 535	20 000	2n
Canada	9 014 000	8 131 000	8 502 600	8 410 000	9 638 000	2e
Chile	2 488	0	0	0	0	1e
China	5 400 000	5 470 000	6 000 000	6 000 000	5 000 000	1h
Colombia	60 000	49 400	53 541	55 000	55 500	2n
Congo,D.R.	0	0	0	0	4 500	2n
DPR Korea	150 000	140 000	130 000	120 000	110 000	2n
Ecuador	13 500	13 000	12 500	12 000	11 500	2n
Egypt	7 000	7 000	6 500	6 300	6 000	2n
Finland	422 212	440 037	374 736	389 920	415 802	1a
France	1 065 000	989 700	960 000	820 000	800 000	2n
Germany, Federal Rep.	1 003 468	1 000 689	1 085 306	1 089 771	1 134 934	1a
Greece	50 020	26 445	15 440	15 000	14 500	2n
India	15 000	14 000	13 000	12 143	12 000	2n
Indonesia	3 000	3 165	9 177	10 000	11 000	2n
Iran	1 105 000	1 300 000	1 120 000	1 200 000	1 300 000	1a
Iraq	600 000	475 000	475 000	450 000	430 000	2n
Italy	250 000	250 000	200 000	180 000	170 000	2n
Japan	2 000 000	1 500 000	633 369	544 904	520 000	2n
Kazakhstan	140 000	97 000	100 000	120 000	130 000	2n
Kuwait	277 798	605 963	600 000	580 000	550 000	2n
Libya	19 000	22 000	24 000	22 000	23 000	1a
Mexico	882 414	921 349	923 352	912 826	855 484	1e
Namibia	62 000	45 338	46 476	47 000	48 000	2n
Norway	43 000	42 900	42 500	42 300	42 100	2n
Pakistan	500	500	210	200	180	2n
Peru	65 000	60 000	55 000	40 000	35 000	2n
Poland	2 392 000	1 744 000	2 079 000	1 384 000	1 096 000	1h
Qatar	53 900	53 000	50 000	47 000	46 000	2n
Romania	130 000	120 000	110 000	100 000	90 000	2n
Russia	1 900 000	2 500 000	3 000 000	3 670 000	4 000 000	2h
Saudi Arabia	1 000 000	1 500 000	1 600 000	1 500 000	1 800 000	1h
South Africa, Rep. of	458 962	476 235	466 192	451 900	408 800	1e
Spain	702 000	600 000	700 000	750 000	760 000	2n
Sweden	20 000	0	0	0	0	1e
Syria	15 000	15 000	0	0	0	1a
Taiwan	150 000	152 000	153 000	184 324	190 000	2n
Turkey	100 000	90 000	80 000	70 000	75 000	2n
Turkmenistan	100 000	100 000	150 000	170 000	175 000	2n
Ukraine	310 000	170 000	100 000	97 000	95 000	2n
United Kingdom	205 000	200 000	150 000	130 000	120 000	2n
United States	11 798 000	11 979 000	11 900 000	10 020 000	9 800 000	2h

Venezuela	140 000	140 000	130 000	120 000	110 000	2n
Yugoslavia	100 000	80 000	100 000	90 000	85 000	2n
Zaire	7 000	7 000	6 000	5 000	0	
Zambia	30 000	25 000	22 000	28 956	29 000	2n
Zimbabwe	30 000	30 000	25 000	23 000	22 000	1e
Total	43 194 171	42 392 967	42 971 037	40 883 824	41 168 375	

## Talc

Country	1995 <i>metr.t</i>	1996 <i>metr.t</i>	1997 <i>metr.t</i>	1998 <i>metr.t</i>	1999 <i>metr.t</i>	Rem
Argentina	12 474	11 777	11 000	10 000	9 500	2n
Australia	170 000	165 000	160 000	158 000	155 000	2n
Austria	131 614	152 645	141 984	137 114	129 576	1e
Brazil	440 000	470 000	452 000	450 000	430 000	2n
Canada	75 000	75 000	70 000	74 000	77 000	2e
Chile	4 107	4 276	3 986	3 772	2 231	1e
China	2 400 000	2 500 000	2 350 000	3 400 000	3 500 000	1h
Colombia	18 000	14 800	15 000	15 500	15 700	2n
DPR Korea	100 000	110 000	120 000	100 000	90 000	2n
Egypt	3 700	3 500	3 200	3 972	4 200	2n
Finland	453 031	418 592	437 066	498 152	508 770	1a
France	322 000	322 300	335 000	360 000	370 000	2n
Germany, Federal Rep.	14 170	10 005	8 819	15 473	14 263	1a
Greece	150	180	0	0	2 860	1e
Guatemala	807	694	650	948	960	1a
Hungary	1 700	1 700	1 500	1 400	1 300	2n
India	456 000	462 152	600 000	456 187	450 000	2n
Iran	26 000	25 000	24 300	28 500	18 387	1a
Italy	159 106	168 000	140 816	134 000	123 503	1a
Japan	717 269	659 904	620 000	600 000	580 000	2n
Korea, Republic of	819 358	730 000	820 000	868 020	880 000	2n
Macedonia	15 000	14 500	15 000	10 000	9 000	2n
Mexico	15 000	10 100	10 000	9 800	9 500	2n
Nepal	2 362	2 300	6 500	6 157	6 000	2n
Norway	30 683	28 140	30 475	21 000	20 000	2n
Peru	20 000	25 000	25 000	20 000	18 000	2n
Portugal	8 706	8 277	7 831	9 752	6 554	1a
Romania	10 000	10 250	10 400	8 133	9 039	1a
Russia	300 000	280 000	250 000	230 000	220 000	2n
Slovakia	26 000	26 200	26 000	21 200	21 000	2n
South Africa, Rep. of	14 730	18 537	23 184	22 832	22 000	2n
Spain	112 341	362 000	380 000	385 000	250 000	1e
Sweden	25	30	25	24	19	1a
Taiwan	4 000	3 800	4 500	7 750	8 000	2n
Thailand	80 541	71 668	30 500	21 720	4 960	1a
Turkey	3 500	3 000	3 200	3 700	4 000	2n
United Kingdom	4 000	5 000	6 000	5 000	5 000	2e
United States	1 058 650	994 314	1 060 000	971 000	925 000	1a
Uruguay	863	800	914	1 700	2 904	1a
Zambia	380	380	350	300	300	2n
Zimbabwe	2 080	1 076	1 023	1 039	1 081	1e
Total	8 033 347	8 170 897	8 206 223	9 071 145	8 905 607	

## Vermiculite

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Argentina	44	0	0	0	0	1h
Australia	2 000	5 000	9 000	12 000	20 000	1h
Brazil	46 000	42 000	23 000	20 500	40 000	2n
Egypt	772	483	447	420	400	2n
India	1 500	1 300	1 200	4 035	4 500	2n
Japan	15 000	10 000	10 000	8 000	7 000	2n
Kenya	457	734	1 418	353	164	1h
Mexico	200	225	350	360	380	2n
Russia	40 000	40 000	35 000	30 000	28 000	2n
South Africa, Rep. of	221 748	186 082	211 001	221 300	217 800	1e
Ukraine	0	0	0	50 000	55 000	2n
United States	170 000	170 000	150 000	180 000	175 456	1a
Zimbabwe	13 742	10 249	14 841	14 804	12 844	1e
Total	511 463	466 073	456 257	541 772	561 544	

## Zirconium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Australia	510 000	462 000	427 000	393 000	361 000	2e
Brazil	15 000	17 000	16 000	15 000	14 000	2n
China	15 000	15 000	15 000	13 000	12 000	2n
India	20 000	18 000	21 000	20 000	20 000	2h
Malaysia	3 790	4 511	5 000	5 100	5 200	2n
South Africa, Rep. of	250 000	346 500	265 000	260 000	255 000	2n
Sri Lanka	18 000	20 000	12 450	8 814	8 500	2n
Thailand	0	5	10	0	0	1a
Ukraine	65 000	65 000	55 000	50 000	30 000	2h
United States	100 000	100 000	80 000	70 000	65 000	2n
Total	996 790	1 048 016	896 460	834 914	770 700	

## 6.4.5

## Mineral Fuels

### Energierohstoffe

#### Hard Coal

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Afghanistan	167 000	180 000	98 000	105 000	300 000	1h
Argentina	130 000	240 000	240 000	240 000	220 000	2n
Australia	229 500 000	206 000 000	222 000 000	287 970 000	236 560 000	2e
Bhutan	55 000	63 865	64 000	63 000	62 000	2n
Botswana	898 383	860 000	776 917	928 100	950 000	2n
Brazil	5 510 000	5 400 000	5 600 000	5 560 000	5 720 000	2h
Bulgaria	24 471	18 805	14 198	13 192	17 200	1e
Canada	63 123 648	66 000 000	68 470 000	63 590 000	62 310 000	2e
Chile	1 484 870	1 444 100	1 413 000	1 250 000	1 015 208	1e
China	1 360 000 000	1 400 000 000	1 360 000 000	1 285 500 000	1 050 000 000	1h
Colombia	26 020 000	30 065 000	32 592 000	34 000 000	32 754 000	1e
Croatia	75 000	64 000	48 500	51 000	14 600	1a
Czech Republic	21 309 000	16 394 000	16 038 000	15 863 000	14 419 000	1a
DPR Korea	40 000 000	43 300 000	60 000 000	70 000 000	90 000 000	1h
Egypt	1 207	1 000	1 200	1 400	1 500	2n
France	8 210 000	7 312 000	6 120 000	5 300 000	5 100 000	1h
Georgia	50 000	50 000	4 600	14 700	12 000	1e
Germany, Federal Rep.	53 563 599	48 196 510	46 789 987	41 639 952	39 531 000	1a
Hungary	855 000	963 000	925 000	877 028	740 000	1a
India	263 500 000	288 208 000	295 900 000	293 565 000	292 300 000	1h
Indonesia	38 311 877	47 338 609	54 652 295	60 302 622	73 780 000	1h
Iran	1 590 000	1 840 000	1 750 000	1 810 000	1 507 906	1a
Italy	0	4 787	0	0	0	1a
Japan	8 741 000	6 480 000	4 274 000	3 663 000	2 600 000	1h
Kazakhstan	101 000 000	76 600 000	69 600 000	65 700 000	56 200 000	2h
Korea, Republic of	5 670 000	5 100 000	4 500 000	4 361 000	4 197 000	1a
Kyrgystan	1 000 000	800 000	500 000	400 000	400 000	1h
Laos	3 746	3 800	4 000	8 773	9 000	2n
Malawi	50 000	71 153	63 000	54 200	43 800	1h
Malaysia	112 100	73 747	105 231	308 502	349 849	1h
Mexico	7 391 057	8 779 518	8 509 976	7 632 227	8 764 835	1e
Morocco	649 600	505 600	376 300	269 100	129 200	1e
Mozambique	40 000	35 000	35 000	40 000	45 000	2n
New Zealand	3 202 156	3 509 334	3 500 000	3 100 000	3 500 000	1h
Niger	170 971	182 022	150 000	150 000	168 466	1h
Nigeria	90 000	90 000	90 000	90 000	85 000	2n
Norway	292 094	229 636	386 440	328 169	404 000	2h
Pakistan	3 010 000	3 402 000	1 500 000	1 600 000	1 500 000	1h
Peru	80 000	82 000	80 000	80 000	75 000	2n
Philippines	1 320 000	1 700 000	1 100 000	1 400 000	1 204 979	1e
Poland	135 523 000	136 272 000	132 576 000	116 706 000	112 000 000	1h
Portugal	150 000	150 000	100 000	0	0	1a
Romania	4 900 000	5 338 900	4 300 000	3 200 900	2 750 843	1a
Russia	170 500 000	194 900 000	161 000 000	153 920 000	180 700 000	2h
South Africa, Rep. of	204 275 895	206 362 033	218 617 320	224 580 000	223 357 000	1e
Spain	17 689 000	18 866 000	17 993 000	16 321 000	15 420 000	1e
Swaziland	171 670	128 970	203 100	410 000	426 299	1h

Taiwan	234 965	147 497	98 203	79 310	75 000	2n
Tajikistan	100 000	80 000	50 000	20 000	20 000	1h
Tanzania	43 200	52 000	100 000	100 000	90 000	2n
Turkey	3 377 334	3 320 000	4 444 865	3 336 021	3 024 295	1a
Ukraine	80 000 000	67 200 000	73 900 000	59 395 000	77 659 000	2h
United Kingdom	52 630 000	50 196 000	48 600 000	41 428 000	37 357 000	2e
United States	856 019 000	883 390 320	908 400 000	934 200 000	992 500 000	1a
Uzbekistan	3 100 000	2 844 000	3 130 000	3 010 000	3 000 000	2h
Venezuela	4 600 000	4 127 789	5 280 000	6 324 000	6 753 000	1a
Viet Nam	7 200 000	8 000 000	10 700 000	13 000 000	9 094 000	1a
Yugoslavia	57 000	63 000	92 000	105 000	110 000	2n
Zambia	141 282	98 500	98 000	150 000	127 854	1h
Zimbabwe	4 743 486	5 174 685	5 300 749	5 048 977	4 977 355	1e
Total	3 792 657 611	3 858 299 180	3 863 254 881	3 839 163 173	3 656 432 189	

## Lignite

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Albania	80 262	68 936	38 900	33 000	32 595	1a
Australia	48 100 000	55 000 000	61 000 000	65 820 000	65 780 000	2e
Austria	1 249 299	1 108 058	1 130 339	1 140 151	1 137 388	1e
Bulgaria	27 448 896	28 103 868	26 929 000	27 116 947	22 586 182	1a
Canada	10 968 897	10 838 575	11 652 553	11 790 000	10 000 000	2e
China	44 600 000	45 000 000	30 000 000	50 000 000	45 000 000	1h
Croatia	7 000	2 000	0	0	0	1a
Czech Republic	58 773 000	56 366 000	53 825 000	48 619 000	41 524 000	1a
DPR Korea	10 000 000	13 000 000	16 000 000	15 000 000	20 000 000	1h
France	1 400 000	798 000	690 000	800 000	600 000	1h
Germany, Federal Rep.	192 753 226	187 179 239	177 159 767	166 035 061	161 282 000	1a
Greece	56 553 231	59 737 680	58 939 419	60 910 433	61 861 049	1e
Hungary	13 942 000	14 508 000	15 246 000	14 191 400	14 180 000	1a
India	22 000 000	22 540 000	25 000 000	23 009 000	21 000 000	1h
Italy	352 293	223 400	222 421	251 000	260 000	2n
Kazakhstan	2 100 000	1 800 000	3 000 000	3 000 000	2 000 000	2n
Macedonia	7 353 093	7 723 000	7 443 000	6 500 000	6 300 000	2n
Mongolia	5 100 000	4 922 000	4 500 000	5 200 000	5 500 000	2n
Myanmar	34 708	44 412	29 849	31 025	42 773	1h
Nepal	6 048	5 500	8 200	10 954	12 000	2n
New Zealand	242 882	109 982	200 000	200 000	180 000	2n
Poland	63 545 000	63 845 000	63 197 000	62 820 000	60 800 000	1h
Romania	35 671 100	36 326 000	29 000 000	22 690 100	20 130 300	1a
Russia	91 700 000	60 100 000	83 000 000	76 780 000	83 400 000	2h
Slovakia	3 759 572	3 829 062	3 914 000	3 890 000	3 742 262	1e
Slovenia	4 883 700	4 668 080	4 163 000	4 891 287	3 804 000	1a
Spain	10 775 000	9 604 000	8 462 000	9 750 000	8 830 000	1e
Thailand	18 418 738	21 685 894	23 443 000	20 161 721	18 266 308	1a
Turkey	56 031 099	50 000 000	56 093 384	66 498 602	66 716 568	1a
Ukraine	3 600 000	3 100 000	2 000 000	2 000 000	3 000 000	2n
United Kingdom	1 000	0	0	0	0	2e
United States	78 109 000	80 609 680	79 000 000	50 000 000	60 000 000	2n
Yugoslavia	40 499 075	38 366 335	42 825 124	43 600 000	45 000 000	2n
Total	910 058 119	881 212 701	888 111 956	862 739 681	852 967 425	

## Natural Gas

Country	1995 Mio m <sup>3</sup>	1996 Mio m <sup>3</sup>	1997 Mio m <sup>3</sup>	1998 Mio m <sup>3</sup>	1999 Mio m <sup>3</sup>	Rem
Abu Dhabi (UAE)	17 500	16 000	16 000	16 500	16 000	2n
Afghanistan	1 415	1 500	1 000	1 800	2 400	1h
Albania	28	23	18	16	14	1a
Algeria	59 000	60 600	64 000	65 000	66 000	2n
Angola	600	500	450	400	420	2n
Argentina	20 000	27 300	29 500	30 000	31 000	2n
Australia	29 718	29 799	30 619	30 681	30 754	2e
Austria	1 482	1 492	1 428	1 568	1 741	1e
Azerbaijan	6 644	6 337	5 964	5 963	6 000	1h
Bahrain	10 054	5 880	5 800	5 700	5 600	2n
Bangladesh	7 000	7 875	9 000	9 000	11 000	2n
Barbados	29	29	23	26	27	2n
Belorussia	280	249	245	252	300	1h
Bolivia	3 155	3 220	5 321	6 234	5 881	1a
Brazil	8 115	9 182	9 847	10 833	13 191	2h
Brunei	11 150	12 000	9 400	9 400	9 000	2n
Bulgaria	43	42	38	13	26	1e
Canada	148 203	152 985	156 842	161 000	163 384	2e
Chile	3 783	3 632	3 211	3 218	2 957	1e
China	18 000	19 000	24 000	23 000	25 100	1h
Colombia	4 500	4 800	5 800	6 000	5 140	1e
Croatia	1 966	1 957	1 717	1 573	1 675	1a
Cuba	17	19	37	40	41	2n
Czech Republic	165	251	229	240	227	1a
Denmark	6 321	5 710	7 000	6 630	7 800	1h
Dubai (UAE)	3 000	2 500	2 500	2 400	2 000	2n
Ecuador	3 000	3 200	3 500	3 000	3 320	2h
Egypt	12 500	12 800	14 000	14 200	14 100	2n
France	3 300	2 800	2 700	1 800	1 600	1h
Gabon	76	80	85	83	100	1h
Georgia	10	6	6	0	0	1e
Germany, Federal Rep.	21 452	23 059	21 122	20 420	23 531	1a
Greece	0	38	38	33	30	1e
Guatemala	7	6	6	5	7	2n
Hungary	5 183	4 756	4 513	3 958	3 560	1a
India	16 922	18 215	20 500	19 522	19 000	1h
Indonesia	84 660	92 300	90 294	84 370	78 720	1h
Iran	23 200	24 800	48 100	50 000	49 000	2n
Iraq	3 000	3 500	3 500	4 000	4 200	2n
Ireland	3 700	2 740	2 410	1 790	1 400	1a
Israel	25	16	15	12	11	2n
Italy	20 383	20 218	19 123	19 164	17 635	1a
Japan	2 209	2 230	2 279	2 300	2 400	2n
Jordan	350	235	291	300	250	2n
Kazakhstan	4 333	3 352	4 000	4 000	3 500	2n
Kuwait	10 868	10 892	12 000	12 000	11 000	2n
Kyrgystan	35	35	20	20	30	1h
Libya	6 849	6 950	8 000	8 000	13 700	1a
Malaysia	35 600	32 400	39 751	39 865	38 320	1h
Mexico	26 000	29 900	33 000	36 500	37 000	2n
Morocco	30	25	25	26	27	2n

Myanmar	1 447	1 800	1 800	1 700	1 600	2n
Netherlands	78 300	95 432	81 800	79 200	72 030	1a
New Zealand	4 462	5 364	5 500	5 600	5 700	2n
Nigeria	5 427	5 500	5 000	5 000	4 800	2n
Norway	31 100	41 100	45 600	47 100	51 582	2h
Oman	5 120	7 260	8 000	7 500	7 300	2n
Pakistan	23 200	19 760	19 759	15 090	22 120	1h
Papua New Guinea	107	110	100	100	95	2n
Peru	1 428	1 150	1 100	1 000	900	2n
Poland	4 718	4 608	4 500	4 835	4 741	1h
Qatar	11 659	10 600	13 700	13 700	13 500	2n
Romania	19 026	18 165	18 000	13 700	14 511	1a
Russia	595 400	587 657	571 000	591 015	591 000	2h
Saudi Arabia	40 661	43 910	43 000	43 000	42 000	2n
Senegal	0	50	60	24	23	2n
Sharjah (UAE)	4 000	4 500	4 500	4 700	4 400	2n
Slovakia	345	317	289	311	218	1e
Slovenia	18	13	15	8	6	1a
Spain	415	466	178	112	143	1e
Syria	2 902	2 930	3 000	3 100	2 647	1a
Taiwan	889	874	849	870	900	2n
Tajikistan	30	43	40	36	40	2h
Thailand	10 400	10 500	13 000	17 614	19 195	1a
Trinidad and Tobago	7 762	8 100	8 000	9 581	9 700	2n
Tunisia	121	794	1 653	1 899	1 819	1a
Turkey	182	204	450	562	718	1a
Turkmenistan	30 000	35 200	17 300	14 000	22 800	1h
Ukraine	20 000	18 400	18 100	17 920	18 092	2h
United Kingdom	76 000	89 200	92 000	93 800	98 893	1h
United States	679 834	537 200	537 700	534 400	530 000	2h
Uzbekistan	47 000	49 000	51 200	54 790	55 600	2h
Venezuela	25 000	30 200	28 000	28 500	30 000	2n
Viet Nam	0	0	0	1 510	3 000	1a
Yugoslavia	906	671	688	715	730	2n
Total	2 373 719	2 298 513	2 315 148	2 335 847	2 360 922	

## Oil

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Abu Dhabi (UAE)	97 797 188	89 478 400	89 313 300	90 469 995	88 096 400	2o
Albania	520 866	488 214	359 700	309 000	323 009	1a
Algeria	56 600 000	38 100 000	39 500 000	38 100 000	39 941 950	2o
Angola	32 338 270	36 510 950	37 000 000	37 500 000	39 733 900	2o
Argentina	37 345 486	40 000 000	44 600 000	45 700 000	41 777 900	1h
Australia	29 383 000	31 579 000	33 947 000	27 898 000	29 594 000	2e
Austria	1 076 987	1 024 843	1 011 063	1 014 520	1 063 506	1e
Azerbaijan	9 161 300	9 069 687	9 027 000	9 071 400	10 990 000	1h
Bahrain	1 971 295	1 900 000	1 800 000	1 966 375	2 000 000	2n
Bangladesh	52 000	68 000	69 000	65 000	61 000	2o
Barbados	62 000	62 000	53 140	60 000	80 000	2n
Belorussia	2 000 000	1 860 000	1 822 000	1 630 000	1 800 000	1h

Benin	160 000	155 000	150 000	140 000	135 000	2n
Bolivia	1 616 914	1 720 690	1 902 536	1 800 000	1 692 940	1a
Brazil	40 880 000	51 600 000	56 000 000	56 596 000	64 614 000	2h
Brunei	8 731 541	9 400 000	9 900 000	9 800 000	7 887 650	2o
Bulgaria	27 346	33 900	27 750	29 103	32 700	1e
Cameroon	4 329 156	4 300 000	4 100 000	3 800 000	3 339 750	1h
Canada	114 372 000	116 832 000	122 463 700	128 769 000	122 448 000	2e
Chile	605 100	532 700	489 043	468 693	367 846	1e
China	149 000 000	156 000 000	162 000 000	162 600 000	160 600 000	1h
Colombia	31 587 188	32 596 919	34 700 000	38 654 660	42 551 700	1e
Congo	8 971 262	10 536 017	11 000 000	12 000 000	12 519 500	2o
Congo,D.R.	0	0	0	0	1 310 350	2o
Croatia	1 500 271	1 600 000	1 496 000	1 389 408	1 186 923	1a
Cuba	1 470 800	1 475 900	1 461 500	1 747 310	1 408 900	2o
Czech Republic	149 000	152 800	159 000	180 000	176 000	1a
Denmark	10 788 432	10 290 000	13 400 000	13 830 000	14 900 000	1h
Dubai (UAE)	16 169 135	18 383 800	18 350 000	18 587 625	15 673 000	2o
Ecuador	20 081 023	20 100 000	19 300 000	19 300 000	15 647 550	2h
Egypt	47 672 869	46 900 000	46 400 000	43 900 000	40 160 950	1h
Equatorial Guinea	210 000	208 000	205 000	203 000	150 000	2n
France	2 830 000	2 107 000	1 780 000	1 700 000	1 500 000	1h
Gabon	18 777 060	18 600 000	18 600 000	17 600 000	17 800 000	1h
Georgia	85 000	128 000	143 000	100 000	90 000	2n
Germany, Federal Rep.	2 958 794	2 848 341	2 820 780	2 884 110	2 740 000	1a
Greece	469 397	534 222	436 000	293 000	152 540	1e
Guatemala	487 948	761 039	800 000	850 000	1 262 900	1h
Hungary	1 658 600	1 477 000	1 355 400	1 241 400	1 243 000	1a
India	37 400 000	31 480 000	37 300 000	32 893 000	32 000 000	1h
Indonesia	78 137 720	79 155 168	78 497 110	76 518 810	77 980 000	1h
Iran	173 000 000	184 000 000	191 000 000	193 000 000	180 558 200	2o
Iraq	31 555 893	29 600 000	56 300 000	108 200 000	338 393 400	2o
Israel	9 146	8 768	8 500	5 829	5 215	2o
Italy	5 207 980	5 429 849	5 892 055	5 600 287	5 049 417	1a
Japan	861 000	837 162	842 000	792 000	653 350	2o
Jordan	1 600	1 700	2 097	2 100	1 500	2n
Kazakhstan	19 968 000	21 466 000	25 800 000	25 900 000	30 000 000	2h
Kuwait	104 663 104	104 609 088	106 500 000	91 900 000	85 169 100	2o
Kyrgystan	130 000	130 000	120 000	100 000	100 000	1h
Libya	68 600 000	78 573 253	68 000 000	66 900 000	72 893 290	1a
Lithuania	115 000	161 200	213 000	275 000	232 000	1a
Malaysia	36 656 429	34 100 000	35 500 000	37 872 287	37 820 128	1h
Mexico	152 700 000	162 500 000	169 300 000	169 300 000	152 898 500	2o
Morocco	2 900	2 000	2 933	3 000	3 200	2o
Myanmar	814 530	550 000	600 000	580 000	781 100	2o
Netherlands	3 210 000	3 000 000	2 750 000	2 700 000	2 439 060	1a
New Zealand	1 502 165	1 500 000	1 600 000	2 000 000	2 346 950	2o
Nigeria	100 405 113	111 300 000	119 527 523	104 500 000	102 710 000	2o
Norway	133 004 175	158 400 000	160 800 000	158 900 000	154 833 000	2o
Oman	44 744 966	46 156 700	44 900 000	44 500 000	46 683 500	2o
Pakistan	2 715 100	3 035 196	3 039 550	2 543 174	2 726 550	2o
Papua New Guinea	5 001 500	5 430 200	5 500 000	5 600 000	5 219 500	2o
Peru	6 358 122	6 287 600	6 400 000	5 400 000	5 287 300	2h
Philippines	157 190	100 000	90 000	80 000	44 790	1h
Poland	176 000	317 000	181 030	352 000	425 000	1h
Qatar	24 305 861	24 900 000	25 100 000	30 400 000	32 988 700	2o
Ras Al-Khaimah (UAE)	24 000	46 700	46 800	47 414	25 550	2o



Benin	160 000	155 000	150 000	140 000	135 000	2n
Bolivia	1 616 914	1 720 690	1 902 536	1 800 000	1 692 940	1a
Brazil	40 880 000	51 600 000	56 000 000	56 596 000	64 614 000	2h
Brunei	8 731 541	9 400 000	9 900 000	9 800 000	7 887 650	2o
Bulgaria	27 346	33 900	27 750	29 103	32 700	1e
Cameroon	4 329 156	4 300 000	4 100 000	3 800 000	3 339 750	1h
Canada	114 372 000	116 832 000	122 463 700	128 769 000	122 448 000	2e
Chile	605 100	532 700	489 043	468 693	367 846	1e
China	149 000 000	156 000 000	162 000 000	162 600 000	160 600 000	1h
Colombia	31 587 188	32 596 919	34 700 000	38 654 660	42 551 700	1e
Congo	8 971 262	10 536 017	11 000 000	12 000 000	12 519 500	2o
Congo,D.R.	0	0	0	0	1 310 350	2o
Croatia	1 500 271	1 600 000	1 496 000	1 389 408	1 186 923	1a
Cuba	1 470 800	1 475 900	1 461 500	1 747 310	1 408 900	2o
Czech Republic	149 000	152 800	159 000	180 000	176 000	1a
Denmark	10 788 432	10 290 000	13 400 000	13 830 000	14 900 000	1h
Dubai (UAE)	16 169 135	18 383 800	18 350 000	18 587 625	15 673 000	2o
Ecuador	20 081 023	20 100 000	19 300 000	19 300 000	15 647 550	2h
Egypt	47 672 869	46 900 000	46 400 000	43 900 000	40 160 950	1h
Equatorial Guinea	210 000	208 000	205 000	203 000	150 000	2n
France	2 830 000	2 107 000	1 780 000	1 700 000	1 500 000	1h
Gabon	18 777 060	18 600 000	18 600 000	17 600 000	17 800 000	1h
Georgia	85 000	128 000	143 000	100 000	90 000	2n
Germany, Federal Rep.	2 958 794	2 848 341	2 820 780	2 884 110	2 740 000	1a
Greece	469 397	534 222	436 000	293 000	152 540	1e
Guatemala	487 948	761 039	800 000	850 000	1 262 900	1h
Hungary	1 658 600	1 477 000	1 355 400	1 241 400	1 243 000	1a
India	37 400 000	31 480 000	37 300 000	32 893 000	32 000 000	1h
Indonesia	78 137 720	79 155 168	78 497 110	76 518 810	77 980 000	1h
Iran	173 000 000	184 000 000	191 000 000	193 000 000	180 558 200	2o
Iraq	31 555 893	29 600 000	56 300 000	108 200 000	338 393 400	2o
Israel	9 146	8 768	8 500	5 829	5 215	2o
Italy	5 207 980	5 429 849	5 892 055	5 600 287	5 049 417	1a
Japan	861 000	837 162	842 000	792 000	653 350	2o
Jordan	1 600	1 700	2 097	2 100	1 500	2n
Kazakhstan	19 968 000	21 466 000	25 800 000	25 900 000	30 000 000	2h
Kuwait	104 663 104	104 609 088	106 500 000	91 900 000	85 169 100	2o
Kyrgyzstan	130 000	130 000	120 000	100 000	100 000	1h
Libya	68 600 000	78 573 253	68 000 000	66 900 000	72 893 290	1a
Lithuania	115 000	161 200	213 000	275 000	232 000	1a
Malaysia	36 656 429	34 100 000	35 500 000	37 872 287	37 820 128	1h
Mexico	152 700 000	162 500 000	169 300 000	169 300 000	152 898 500	2o
Morocco	2 900	2 000	2 933	3 000	3 200	2o
Myanmar	814 530	550 000	600 000	580 000	781 100	2o
Netherlands	3 210 000	3 000 000	2 750 000	2 700 000	2 439 060	1a
New Zealand	1 502 165	1 500 000	1 600 000	2 000 000	2 346 950	2o
Nigeria	100 405 113	111 300 000	119 527 523	104 500 000	102 710 000	2o
Norway	133 004 175	158 400 000	160 800 000	158 900 000	154 833 000	2o
Oman	44 744 966	46 156 700	44 900 000	44 500 000	46 683 500	2o
Pakistan	2 715 100	3 035 196	3 039 550	2 543 174	2 726 550	2o
Papua New Guinea	5 001 500	5 430 200	5 500 000	5 600 000	5 219 500	2o
Peru	6 358 122	6 287 600	6 400 000	5 400 000	5 287 300	2h
Philippines	157 190	100 000	90 000	80 000	44 790	1h
Poland	176 000	317 000	181 030	352 000	425 000	1h
Qatar	24 305 861	24 900 000	25 100 000	30 400 000	32 988 700	2o
Ras Al-Khaimah (UAE)	24 000	46 700	46 800	47 414	25 550	2o

Romania	6 700 033	6 610 000	6 700 000	6 600 000	6 131 000	1a
Russia	325 990 625	301 000 000	346 576 400	343 396 800	305 000 000	2h
Saudi Arabia	402 800 000	400 900 000	415 900 000	404 100 000	388 559 962	1a
Sharjah (UAE)	240 000	391 100	395 400	395 590	365 000	2o
Slovakia	74 300	71 314	64 480	46 000	60 264	1e
Slovenia	1 858	1 405	1 900	854	711	1a
Spain	652 000	516 000	380 000	535 000	306 000	1e
Suriname	371 540	414 410	420 000	260 793	391 188	1h
Syria	31 947 082	31 700 000	29 500 000	29 500 000	28 697 920	1a
Taiwan	62 000	0	0	0	0	2n
Tajikistan	38 000	30 000	28 000	25 000	20 000	2h
Thailand	1 165 921	1 064 890	1 364 121	1 523 846	1 717 223	1a
Trinidad and Tobago	6 803 502	7 000 000	6 800 000	6 387 630	6 489 700	2o
Tunisia	4 215 000	4 183 000	3 793 000	3 898 000	4 026 000	1a
Turkey	3 515 689	3 500 193	3 427 814	3 226 873	2 939 479	1a
Turkmenistan	4 000 000	4 400 000	4 700 000	6 500 000	7 000 000	1h
Ukraine	4 500 000	4 100 000	4 100 000	3 895 000	3 791 000	2h
United Kingdom	121 800 000	122 500 000	119 500 000	138 900 000	137 032 000	1h
United States	389 200 000	400 300 000	398 100 000	402 000 000	309 090 000	2h
Uzbekistan	5 000 000	7 600 000	7 891 000	8 103 700	8 100 000	2h
Venezuela	135 400 000	153 900 000	162 300 000	159 300 000	144 824 700	2o
Viet Nam	7 849 854	8 300 000	8 500 000	12 500 000	14 213 000	1a
Yemen, Republic of	19 220 407	18 000 000	18 500 000	19 500 000	21 166 350	2o
Yugoslavia	1 066 000	1 030 000	979 000	920 000	900 000	2n
Zaire	1 200 000	1 200 000	1 000 000	1 100 000	0	
Total	3 259 138 533	3 331 204 318	3 474 675 625	3 511 727 586	3 548 142 661	

## Oil Shale

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Austria	498	500	520	432	496	1e
Estonia	13 500 000	14 000 000	14 382 723	12 464 000	11 980 000	1e
France	32 300	28 500	22 000	20 000	18 000	2n
Germany, Federal Rep.	347 681	293 758	354 262	330 886	346 815	1a
Italy	9 320	22 000	20 000	22 471	23 000	2n
Russia	2 300 000	2 200 000	2 000 000	2 000 000	1 800 000	2n
Total	16 189 799	16 544 758	16 779 505	14 837 789	14 168 311	

## Uranium

Country	1995 metr.t	1996 metr.t	1997 metr.t	1998 metr.t	1999 metr.t	Rem
Argentina	68	27	35	35	20	2h
Australia	4 378	5 831	5 797	5 780	7 061	2e
Brazil	103	147	0	0	0	1h
Canada	10 238	11 723	11 416	11 773	11 665	2e
China	780	590	590	590	590	1h
Czech Republic	721	716	140	150	152	1a
France	857	841	579	554	495	1h

Gabon	640	565	472	861	862	1h
Germany, Federal Rep.	35	39	27	35	39	1a
India	200	180	200	200	190	2n
Kazakhstan	1 388	1 320	1 000	1 530	1 650	2h
Mongolia	150	181	150	100	90	2n
Namibia	2 007	2 886	3 426	3 257	3 095	1h
Niger	2 330	3 919	4 124	4 400	2 916	1a
Portugal	22	17	17	19	10	1a
Russia	2 250	2 400	2 358	2 358	2 120	2h
South Africa, Rep. of	1 699	1 706	1 324	1 138	1 093	1e
Spain	334	346	350	351	363	1e
Ukraine	500	550	500	500	590	2h
United States	2 324	2 400	2 170	2 207	2 130	2h
Uzbekistan	2 358	2 005	2 305	2 276	2 360	2h
Total	33 382	38 389	36 980	38 114	37 491	



6.5 *Share of Mineral Production 1999  
by Country*

*Anteile der Länder an der  
Weltproduktion 1999*

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

Iron

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Brazil	112 520 000	20.21	20.21
2	( 2)	Australia	95 445 000	17.14	37.35
3	( 3)	China	67 200 000	12.07	49.42
4	( 4)	Ukraine	47 769 000	8.58	58.00
5	( 5)	India	45 560 000	8.18	66.18
6	( 6)	Russia	45 210 000	8.12	74.30
7	( 7)	United States	36 381 870	6.53	80.84
8	( 8)	Canada	20 132 000	3.62	84.45
9	( 9)	South Africa, Rep. of	17 710 200	3.18	87.63
10	(11)	Sweden	12 096 000	2.17	89.81
11	(12)	Kazakhstan	9 607 000	1.73	91.53
12	(10)	Venezuela	9 328 344	1.68	93.21
13	(13)	Mauritania	6 604 000	1.19	94.39
14	(15)	Mexico	5 508 174	0.99	95.38
15	(14)	Chile	5 215 000	0.94	96.32
16	(16)	Iran	3 473 686	0.62	96.94
17	(18)	DPR Korea	3 300 000	0.59	97.54
18	(17)	Turkey	3 246 841	0.58	98.12
19	(19)	Peru	2 500 000	0.45	98.57
20	(20)	Egypt	1 500 000	0.27	98.84
21	(21)	New Zealand	1 334 000	0.24	99.08
22	(22)	Algeria	721 440	0.13	99.21
23	(24)	Spain	640 000	0.11	99.32
24	(23)	Austria	559 040	0.10	99.42
25	(31)	Bulgaria	361 200	0.06	99.49
26	(30)	Zimbabwe	359 190	0.06	99.55
27	(27)	Colombia	352 720	0.06	99.62
28	(25)	Norway	338 000	0.06	99.68
29	(26)	Malaysia	337 462	0.06	99.74
30	(28)	Indonesia	309 100	0.06	99.79
31	(29)	Slovakia	255 200	0.05	99.84
32	(36)	Saudi Arabia	132 810	0.02	99.86
33	(37)	Thailand	122 633	0.02	99.88
34	(33)	Yugoslavia	120 000	0.02	99.91
35	(34)	Tunisia	119 880	0.02	99.93
36	(32)	Korea, Republic of	119 823	0.02	99.95
37	(38)	Germany, Federal Rep.	86 120	0.02	99.96
38	(35)	Romania	82 478	0.01	99.98

39	(39)	Nigeria	68 000	0.01	99.99
40	(42)	Pakistan	17 320	0.00	99.99
41	(40)	Azerbaijan	7 100	0.00	100.00
42	(43)	Morocco	6 625	0.00	100.00
43	(44)	Albania	5 300	0.00	100.00
44	(41)	Portugal	4 739	0.00	100.00
45	(46)	Guatemala	4 214	0.00	100.00
46	(45)	Uruguay	3 837	0.00	100.00
47	(47)	Japan	1 800	0.00	100.00
48	(48)	United Kingdom	230	0.00	100.00
Total			556 777 376	100.00	

## Chromium

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	South Africa, Rep. of	2 931 310	50.74	50.74
2	( 2)	Kazakhstan	820 000	14.19	64.93
3	( 3)	India	600 000	10.39	75.32
4	( 4)	Turkey	433 658	7.51	82.82
5	( 5)	Zimbabwe	294 066	5.09	87.91
6	( 6)	Finland	247 149	4.28	92.19
7	( 7)	Iran	154 460	2.67	94.86
8	( 8)	Brazil	76 050	1.32	96.18
9	( 9)	China	65 000	1.13	97.31
10	(10)	Russia	45 000	0.78	98.08
11	(11)	Madagascar	32 000	0.55	98.64
12	(12)	Cuba	18 000	0.31	98.95
13	(15)	Philippines	17 531	0.30	99.25
14	(14)	Sudan	11 424	0.20	99.45
15	(16)	Oman	10 404	0.18	99.63
16	(17)	Pakistan	9 789	0.17	99.80
17	(13)	Albania	6 837	0.12	99.92
18	(18)	Viet Nam	1 800	0.03	99.95
19	(20)	Japan	1 300	0.02	99.97
20	(19)	Greece	1 000	0.02	99.99
21	(21)	Afghanistan	500	0.01	100.00
22	(22)	Myanmar	100	0.00	100.00
Total			5 777 378	100.00	

## Cobalt

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 0)	Congo,D.R.	3 900	19.19	19.19
2	( 1)	Zambia	3 802	18.70	37.89
3	( 3)	Russia	3 300	16.23	54.12
4	( 6)	Australia	2 300	11.31	65.44
5	( 5)	Cuba	2 200	10.82	76.26

6	(4)	Canada	2 015	9.91	86.17
7	(11)	Morocco	948	4.66	90.84
8	(7)	China	800	3.94	94.77
9	(8)	Botswana	329	1.62	96.39
10	(10)	South Africa, Rep. of	305	1.50	97.89
11	(9)	Kazakhstan	300	1.48	99.37
12	(12)	Zimbabwe	129	0.63	100.00
		Total	20 328	100.00	

## Manganese

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	China	2 400 000	25.01	25.01
2	(2)	Australia	1 501 000	15.64	40.66
3	(4)	South Africa, Rep. of	1 342 460	13.99	54.65
4	(3)	Ukraine	1 293 500	13.48	68.13
5	(5)	Gabon	1 087 840	11.34	79.46
6	(6)	Brazil	656 000	6.84	86.30
7	(7)	India	550 000	5.73	92.03
8	(9)	Ghana	244 600	2.55	94.58
9	(8)	Mexico	169 107	1.76	96.35
10	(10)	Kazakhstan	168 900	1.76	98.11
11	(11)	Iran	41 440	0.43	98.54
12	(12)	Namibia	29 000	0.30	98.84
13	(13)	Indonesia	26 000	0.27	99.11
14	(15)	Bulgaria	17 000	0.18	99.29
15	(16)	Georgia	14 200	0.15	99.44
16	(14)	Romania	13 312	0.14	99.57
17	(18)	Morocco	13 118	0.14	99.71
18	(17)	Chile	12 152	0.13	99.84
19	(19)	Hungary	11 060	0.12	99.95
20	(21)	Egypt	1 800	0.02	99.97
21	(20)	Greece	1 000	0.01	99.98
22	(22)	Italy	972	0.01	99.99
23	(24)	Thailand	721	0.01	100.00
		Total	9 595 182	100.00	

## Molybdenum

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	United States	40 695	30.70	30.70
2	(2)	China	34 000	25.65	56.36
3	(3)	Chile	27 309	20.60	76.96
4	(5)	Mexico	7 961	6.01	82.97
5	(4)	Canada	6 293	4.75	87.72
6	(6)	Peru	5 471	4.13	91.84
7	(7)	Iran	4 501	3.40	95.24

8	(8)	Mongolia	2 500	1.89	97.13
9	(9)	Russia	2 400	1.81	98.94
10	(10)	Armenia	800	0.60	99.54
11	(11)	Uzbekistan	500	0.38	99.92
12	(12)	Kazakhstan	110	0.08	100.00
Total			132 540	100.00	

## Nickel

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	Russia	260 000	24.27	24.27
2	(2)	Canada	177 229	16.54	40.81
3	(3)	Australia	143 000	13.35	54.15
4	(4)	New Caledonia	123 000	11.48	65.63
5	(5)	Cuba	68 000	6.35	71.98
6	(6)	Indonesia	64 700	6.04	78.02
7	(7)	China	44 000	4.11	82.13
8	(8)	South Africa, Rep. of	36 200	3.38	85.51
9	(10)	Brazil	32 268	3.01	88.52
10	(9)	Colombia	28 342	2.65	91.16
11	(11)	Dominican Republic	25 000	2.33	93.50
12	(12)	Botswana	15 820	1.48	94.97
13	(13)	Greece	13 462	1.26	96.23
14	(15)	Zimbabwe	9 594	0.90	97.12
15	(14)	Philippines	9 374	0.87	98.00
16	(16)	Macedonia	7 000	0.65	98.65
17	(20)	Kazakhstan	7 000	0.65	99.31
18	(17)	United States	3 500	0.33	99.63
19	(18)	Norway	2 715	0.25	99.89
20	(19)	Finland	1 021	0.10	99.98
21	(21)	Yugoslavia	200	0.02	100.00
Total			1 071 425	100.00	

## Tantalum-Columbium

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	Brazil	42 700	93.57	93.57
2	(2)	Canada	2 250	4.93	98.50
3	(3)	Australia	320	0.70	99.20
4	(4)	Rwanda	265	0.58	99.78
5	(5)	Ethiopia	65	0.14	99.93
6	(6)	Nigeria	19	0.04	99.97
7	(7)	Bolivia	9	0.02	99.99
8	(0)	Congo,D.R.	6	0.01	100.00
Total			45 634	100.00	



## Titanium

Rank 99	Rank 98	Country	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Australia	1 267 078	27.76	27.76
2	( 2)	South Africa, Rep. of	1 200 000	26.29	54.05
3	( 3)	Canada	620 000	13.58	67.63
4	( 4)	Norway	256 889	5.63	73.26
5	( 5)	Ukraine	250 000	5.48	78.74
6	( 6)	India	240 000	5.26	84.00
7	( 7)	Sierra Leone	190 000	4.16	88.16
8	( 9)	China	150 000	3.29	91.44
9	( 8)	United States	130 000	2.85	94.29
10	(10)	Malaysia	63 000	1.38	95.67
11	(11)	Brazil	54 000	1.18	96.86
12	(12)	Viet Nam	49 500	1.08	97.94
13	(15)	Sri Lanka	36 550	0.80	98.74
14	(13)	Russia	24 000	0.53	99.27
15	(14)	Egypt	22 000	0.48	99.75
16	(16)	Kazakhstan	11 500	0.25	100.00
		Total	4 564 517	100.00	

## Tungsten

Rank 99	Rank 98	Country	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	20 000	71.39	71.39
2	( 2)	Russia	3 500	12.49	83.88
3	( 3)	Austria	2 015	7.19	91.08
4	( 4)	Portugal	1 200	4.28	95.36
5	( 5)	Bolivia	421	1.50	96.86
6	( 6)	DPR Korea	350	1.25	98.11
7	( 7)	Uzbekistan	200	0.71	98.83
8	( 8)	Kazakhstan	180	0.64	99.47
9	(12)	Rwanda	73	0.26	99.73
10	(13)	Thailand	54	0.19	99.92
11	( 9)	Mexico	10	0.04	99.96
12	(14)	Myanmar	7	0.02	99.98
13	(15)	Uganda	5	0.02	100.00
		Total	28 015	100.00	

## Vanadium

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	South Africa, Rep. of	17 600	47.31	47.31
2	( 2)	Russia	9 000	24.19	71.51
3	( 3)	China	7 800	20.97	92.47
4	( 4)	United States	1 800	4.84	97.31
5	( 5)	Kazakhstan	1 000	2.69	100.00
		Total	37 200	100.00	

6.5.2

*Non-Ferrous Metals*

*Nichteisenmetalle*

Aluminium

Rank 99	Rank 98	Country	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	United States	3 779 000	17.41	17.41
2	( 2)	Russia	2 657 000	12.24	29.65
3	( 4)	Canada	2 389 000	11.00	40.65
4	( 5)	Australia	1 744 000	8.03	48.68
5	( 3)	China	1 620 000	7.46	56.15
6	( 6)	Brazil	1 250 000	5.76	61.90
7	( 7)	Norway	1 000 000	4.61	66.51
8	(13)	France	694 000	3.20	69.71
9	( 8)	South Africa, Rep. of	689 230	3.17	72.88
10	( 9)	Germany, Federal Rep.	633 803	2.92	75.80
11	(11)	India	609 500	2.81	78.61
12	(10)	Venezuela	580 000	2.67	81.28
13	(12)	Bahrain	430 000	1.98	83.26
14	(14)	Spain	363 900	1.68	84.94
15	(15)	New Zealand	320 000	1.47	86.41
16	(17)	United Kingdom	297 490	1.37	87.78
17	(16)	Netherlands	270 000	1.24	89.02
18	(18)	Dubai (UAE)	250 000	1.15	90.18
19	(19)	Tajikistan	229 100	1.06	91.23
20	(21)	Italy	205 567	0.95	92.18
21	(22)	Argentina	190 000	0.88	93.05
22	(20)	Egypt	190 000	0.88	93.93
23	(24)	Greece	170 301	0.78	94.71
24	(23)	Iceland	163 554	0.75	95.47
25	(25)	Iran	137 313	0.63	96.10
26	(27)	Ukraine	112 000	0.52	96.61
27	(26)	Slovakia	106 000	0.49	97.10
28	(29)	Cameroon	100 000	0.46	97.56
29	(28)	Sweden	95 000	0.44	98.00
30	(30)	Yugoslavia	75 000	0.35	98.35
31	(31)	Slovenia	70 000	0.32	98.67
32	(32)	Turkey	60 000	0.28	98.95
33	(33)	Ghana	55 000	0.25	99.20
34	(34)	Poland	46 750	0.22	99.41
35	(36)	Switzerland	34 400	0.16	99.57
36	(35)	Hungary	34 000	0.16	99.73
37	(37)	Suriname	30 000	0.14	99.87
38	(38)	Japan	16 100	0.07	99.94
39	(39)	Azerbaijan	12 780	0.06	100.00
		Total	21 709 788	100.00	

## Antimony

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	83 000	81.47	81.47
2	( 3)	South Africa, Rep. of	5 280	5.18	86.65
3	( 4)	Russia	4 000	3.93	90.58
4	( 2)	Bolivia	2 790	2.74	93.32
5	( 5)	Australia	1 800	1.77	95.09
6	( 7)	Kyrgystan	1 320	1.30	96.38
7	( 8)	Tajikistan	1 000	0.98	97.36
8	(10)	Turkey	550	0.54	97.90
9	(11)	Canada	475	0.47	98.37
10	(14)	United States	449	0.44	98.81
11	( 9)	Guatemala	400	0.39	99.20
12	( 6)	Mexico	273	0.27	99.47
13	(13)	Peru	255	0.25	99.72
14	( 0)	Iran	155	0.15	99.87
15	(12)	Thailand	130	0.13	100.00
Total			101 877	100.00	

## Arsenic

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	17 500	46.39	46.39
2	( 2)	Chile	12 000	31.81	78.20
3	( 3)	Mexico	2 419	6.41	84.62
4	( 7)	Peru	1 611	4.27	88.89
5	( 5)	Russia	1 100	2.92	91.80
6	( 4)	Kazakhstan	1 000	2.65	94.45
7	( 6)	Philippines	900	2.39	96.84
8	(10)	Bolivia	437	1.16	98.00
9	( 8)	Japan	380	1.01	99.01
10	( 9)	Iran	375	0.99	100.00
Total			37 722	100.00	

## Bauxite

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Australia	50 033 000	39.07	39.07
2	( 2)	Guinea	17 200 000	13.43	52.50
3	( 3)	Brazil	13 500 000	10.54	63.04
4	( 4)	Jamaica	11 600 000	9.06	72.10
5	( 5)	China	9 000 000	7.03	79.13
6	( 6)	India	5 700 000	4.45	83.58

7	(8)	Suriname	3 900 000	3.05	86.62
8	(9)	Russia	3 750 000	2.93	89.55
9	(10)	Kazakhstan	3 607 000	2.82	92.37
10	(11)	Guyana	2 639 000	2.06	94.43
11	(7)	Venezuela	2 123 640	1.66	96.09
12	(12)	Greece	1 882 505	1.47	97.56
13	(13)	Indonesia	1 116 000	0.87	98.43
14	(14)	Hungary	473 900	0.37	98.80
15	(15)	Iran	439 387	0.34	99.14
16	(16)	Ghana	355 263	0.28	99.42
17	(19)	Yugoslavia	220 000	0.17	99.59
18	(18)	Malaysia	160 271	0.13	99.72
19	(20)	Romania	136 000	0.11	99.82
20	(17)	Turkey	118 414	0.09	99.92
21	(21)	France	75 000	0.06	99.97
22	(22)	Pakistan	14 333	0.01	99.99
23	(24)	Croatia	6 800	0.01	99.99
24	(23)	Mozambique	5 500	0.00	100.00
25	(25)	Albania	4 624	0.00	100.00
26	(26)	Colombia	1 000	0.00	100.00
27	(27)	Germany, Federal Rep.	306	0.00	100.00
Total			128 061 943	100.00	

## Bismuth

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(3)	China	2 000	48.96	48.96
2	(2)	Peru	705	17.26	66.22
3	(1)	Mexico	548	13.41	79.63
4	(4)	Japan	475	11.63	91.26
5	(5)	Canada	264	6.46	97.72
6	(6)	Kazakhstan	55	1.35	99.07
7	(7)	Russia	30	0.73	99.80
8	(8)	Tajikistan	5	0.12	99.93
9	(9)	Uzbekistan	3	0.07	100.00
Total			4 085	100.00	

## Cadmium

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	Japan	2 100	12.73	12.73
2	(2)	China	1 982	12.02	24.75
3	(3)	United States	1 800	10.91	35.66
4	(7)	Korea, Republic of	1 790	10.85	46.51
5	(4)	Mexico	1 311	7.95	54.46
6	(6)	Canada	1 212	7.35	61.81
7	(5)	Kazakhstan	1 061	6.43	68.24

8	(8)	Russia	900	5.46	73.70
9	(11)	Finland	700	4.24	77.94
10	(10)	Peru	465	2.82	80.76
11	(9)	Australia	462	2.80	83.56
12	(12)	United Kingdom	420	2.55	86.10
13	(13)	Italy	390	2.36	88.47
14	(15)	Bulgaria	260	1.58	90.05
15	(14)	Norway	230	1.39	91.44
16	(16)	India	220	1.33	92.77
17	(19)	DPR Korea	210	1.27	94.05
18	(17)	France	200	1.21	95.26
19	(18)	Poland	200	1.21	96.47
20	(20)	Spain	190	1.15	97.62
21	(21)	Brazil	165	1.00	98.62
22	(22)	Yugoslavia	85	0.52	99.14
23	(23)	Turkey	40	0.24	99.38
24	(24)	Algeria	40	0.24	99.62
25	(25)	Honduras	34	0.21	99.83
26	(26)	Argentina	28	0.17	100.00
		Total	16 495	100.00	

## Copper

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	Chile	4 382 600	35.44	35.44
2	(2)	United States	1 602 247	12.96	48.40
3	(3)	Indonesia	766 000	6.19	54.60
4	(4)	Canada	580 036	4.69	59.29
5	(7)	Peru	536 000	4.33	63.62
6	(6)	Russia	530 000	4.29	67.91
7	(8)	Poland	496 000	4.01	71.92
8	(9)	China	480 000	3.88	75.80
9	(5)	Australia	418 000	3.38	79.18
10	(11)	Kazakhstan	374 000	3.02	82.21
11	(10)	Mexico	340 147	2.75	84.96
12	(12)	Zambia	260 223	2.10	87.06
13	(13)	Argentina	210 126	1.70	88.76
14	(15)	Papua New Guinea	188 000	1.52	90.28
15	(16)	Mongolia	157 500	1.27	91.56
16	(14)	South Africa, Rep. of	144 000	1.16	92.72
17	(18)	Iran	131 763	1.07	93.79
18	(19)	Bulgaria	111 730	0.90	94.69
19	(17)	Portugal	99 472	0.80	95.50
20	(20)	Yugoslavia	75 000	0.61	96.10
21	(21)	Sweden	71 160	0.58	96.68
22	(22)	Uzbekistan	60 000	0.49	97.16
23	(23)	Turkey	54 053	0.44	97.60
24	(24)	India	42 534	0.34	97.94
25	(25)	Philippines	37 631	0.30	98.25
26	(0)	Congo,D.R.	33 000	0.27	98.52
27	(28)	Brazil	31 200	0.25	98.77
28	(26)	Spain	30 000	0.24	99.01

29	(29)	Botswana	18 239	0.15	99.16
30	(31)	Romania	17 155	0.14	99.30
31	(32)	DPR Korea	13 000	0.11	99.40
32	(34)	Finland	10 517	0.09	99.49
33	(36)	Macedonia	10 000	0.08	99.57
34	(35)	Armenia	9 611	0.08	99.65
35	(33)	Morocco	8 841	0.07	99.72
36	(37)	Albania	8 690	0.07	99.79
37	(39)	Cyprus	5 004	0.04	99.83
38	(40)	Zimbabwe	4 977	0.04	99.87
39	(30)	Malaysia	4 910	0.04	99.91
40	(42)	Colombia	3 173	0.03	99.93
41	(38)	Namibia	2 000	0.02	99.95
42	(44)	Cuba	1 100	0.01	99.96
43	(43)	Japan	1 038	0.01	99.97
44	(45)	Oman	900	0.01	99.97
45	(48)	Saudi Arabia	821	0.01	99.98
46	(47)	Honduras	700	0.01	99.99
47	(46)	Georgia	699	0.01	99.99
48	(49)	Afghanistan	650	0.01	100.00
49	(51)	Bolivia	252	0.00	100.00
50	(50)	Slovakia	124	0.00	100.00
Total			12 364 823	100.00	

### Gallium

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	7	46.67	46.67
2	( 3)	Hungary	5	33.33	80.00
3	( 2)	Japan	3	20.00	100.00
Total			15	100.00	

### Germanium

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	United States	20	54.05	54.05
2	( 2)	China	11	29.73	83.78
3	( 3)	Russia	6	16.22	100.00
Total			37	100.00	

Lead

Rank 99	Rank 98	Country	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	859 000	25.71	25.71
2	( 2)	Australia	692 000	20.71	46.43
3	( 3)	United States	503 000	15.06	61.48
4	( 4)	Peru	271 000	8.11	69.59
5	( 6)	Canada	156 102	4.67	74.27
6	( 5)	Mexico	131 402	3.93	78.20
7	( 7)	Sweden	116 393	3.48	81.68
8	( 8)	South Africa, Rep. of	80 000	2.39	84.08
9	( 9)	Morocco	70 794	2.12	86.20
10	(10)	Poland	64 000	1.92	88.11
11	(12)	Ireland	39 200	1.17	89.29
12	(13)	Bulgaria	37 000	1.11	90.39
13	(11)	India	35 000	1.05	91.44
14	(14)	Kazakhstan	34 100	1.02	92.46
15	(19)	Spain	28 000	0.84	93.30
16	(16)	Greece	26 460	0.79	94.09
17	(15)	Macedonia	24 000	0.72	94.81
18	(17)	DPR Korea	20 000	0.60	95.41
19	(18)	Yugoslavia	19 500	0.58	95.99
20	(21)	Argentina	14 256	0.43	96.42
21	(24)	Iran	14 170	0.42	96.84
22	(20)	Russia	13 000	0.39	97.23
23	(22)	Bolivia	10 153	0.30	97.54
24	(28)	Tunisia	10 000	0.30	97.84
25	(31)	Thailand	9 989	0.30	98.14
26	(23)	Namibia	9 361	0.28	98.42
27	(27)	Brazil	9 000	0.27	98.69
28	(29)	Honduras	8 298	0.25	98.93
29	(30)	Romania	7 612	0.23	99.16
30	(32)	Japan	6 074	0.18	99.34
31	(26)	Italy	6 000	0.18	99.52
32	(25)	Turkey	5 462	0.16	99.69
33	(33)	Korea, Republic of	3 644	0.11	99.80
34	(36)	Myanmar	1 500	0.04	99.84
35	(34)	Norway	1 000	0.03	99.87
36	(35)	United Kingdom	1 000	0.03	99.90
37	(38)	Tajikistan	800	0.02	99.92
38	(37)	Uzbekistan	800	0.02	99.95
39	(41)	Chile	608	0.02	99.97
40	(39)	Algeria	600	0.02	99.98
41	(40)	Colombia	514	0.02	100.00
		Total	3 340 792	100.00	



## Lithium

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Chile	12 222	51.95	51.95
2	( 2)	Australia	6 000	25.50	77.45
3	( 3)	United States	2 000	8.50	85.95
4	( 6)	Zimbabwe	917	3.90	89.85
5	( 7)	Canada	720	3.06	92.91
6	( 5)	China	710	3.02	95.92
7	( 4)	Russia	700	2.98	98.90
8	( 8)	Portugal	135	0.57	99.47
9	( 9)	Namibia	100	0.43	99.90
10	(10)	Brazil	24	0.10	100.00
Total			23 528	100.00	

## Mercury

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 2)	Kyrgystan	628	37.54	37.54
2	( 1)	Spain	433	25.88	63.42
3	( 3)	Algeria	241	14.41	77.82
4	( 4)	China	196	11.72	89.54
5	( 5)	Finland	55	3.29	92.83
6	( 6)	Russia	40	2.39	95.22
7	( 7)	Ukraine	40	2.39	97.61
8	( 8)	Tajikistan	25	1.49	99.10
9	( 9)	Mexico	15	0.90	100.00
Total			1 673	100.00	

## Rare Earths Concentrates

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	70 000	87.95	87.95
2	( 2)	United States	5 000	6.28	94.23
3	( 3)	India	2 300	2.89	97.12
4	( 4)	Australia	800	1.01	98.13
5	( 5)	DPR Korea	600	0.75	98.88
6	( 6)	Malaysia	450	0.57	99.44
7	( 7)	Brazil	350	0.44	99.88
8	( 8)	Sri Lanka	90	0.11	100.00
9	( 0)	Congo,D.R.	2	0.00	100.00
Total			79 592	100.00	

## Tellurium

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	United States	80	38.83	38.83
2	( 2)	Canada	67	32.52	71.36
3	( 3)	Japan	35	16.99	88.35
4	( 4)	Peru	20	9.71	98.06
5	( 5)	Mongolia	4	1.94	100.00
		Total	206	100.00	

## Tin

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	92 000	40.22	40.22
2	( 2)	Indonesia	49 100	21.46	61.68
3	( 3)	Peru	30 400	13.29	74.97
4	( 4)	Brazil	13 200	5.77	80.74
5	( 5)	Bolivia	12 417	5.43	86.16
6	( 6)	Australia	9 828	4.30	90.46
7	( 7)	Malaysia	7 340	3.21	93.67
8	( 8)	Russia	4 500	1.97	95.64
9	(11)	Thailand	3 400	1.49	97.12
10	(10)	Viet Nam	2 500	1.09	98.22
11	( 9)	Portugal	2 163	0.95	99.16
12	(12)	Nigeria	1 200	0.52	99.69
13	(14)	Laos	250	0.11	99.79
14	(15)	Rwanda	150	0.07	99.86
15	(16)	Myanmar	132	0.06	99.92
16	(13)	United Kingdom	100	0.04	99.96
17	(17)	India	45	0.02	99.98
18	(18)	Niger	32	0.01	100.00
19	(19)	Spain	6	0.00	100.00
20	(20)	Mexico	4	0.00	100.00
		Total	228 767	100.00	

Zinc

Rank 99	Rank 98	Country	Production 1999 metr.t	Share in %	cum. sh.
1	(2)	Australia	1 265 000	16.79	16.79
2	(3)	Canada	960 099	12.75	29.54
3	(1)	China	950 000	12.61	42.15
4	(4)	Peru	899 000	11.93	54.08
5	(5)	United States	807 876	10.72	64.81
6	(6)	Mexico	339 758	4.51	69.32
7	(7)	Kazakhstan	288 000	3.82	73.14
8	(9)	Ireland	195 900	2.60	75.74
9	(8)	India	180 000	2.39	78.13
10	(10)	Poland	177 000	2.35	80.48
11	(11)	Sweden	174 448	2.32	82.80
12	(14)	Spain	155 000	2.06	84.85
13	(12)	Bolivia	146 316	1.94	86.80
14	(15)	Russia	123 000	1.63	88.43
15	(16)	Morocco	108 099	1.44	89.86
16	(13)	Brazil	96 500	1.28	91.15
17	(18)	Iran	72 875	0.97	92.11
18	(17)	South Africa, Rep. of	69 700	0.93	93.04
19	(19)	Japan	64 263	0.85	93.89
20	(25)	Tunisia	52 510	0.70	94.59
21	(21)	Turkey	46 300	0.61	95.20
22	(20)	DPR Korea	45 000	0.60	95.80
23	(23)	Thailand	37 150	0.49	96.29
24	(22)	Honduras	35 647	0.47	96.77
25	(24)	Argentina	34 192	0.45	97.22
26	(27)	Greece	32 370	0.43	97.65
27	(28)	Romania	31 020	0.41	98.06
28	(33)	Macedonia	20 000	0.27	98.33
29	(26)	Finland	19 751	0.26	98.59
30	(30)	Bulgaria	19 675	0.26	98.85
31	(34)	Korea, Republic of	19 664	0.26	99.11
32	(29)	Namibia	17 666	0.23	99.35
33	(31)	Chile	15 486	0.21	99.55
34	(32)	Yugoslavia	14 000	0.19	99.74
35	(36)	Italy	9 734	0.13	99.87
36	(35)	Algeria	5 292	0.07	99.94
37	(0)	Congo,D.R.	1 200	0.02	99.95
38	(39)	Uzbekistan	1 000	0.01	99.97
39	(40)	Georgia	900	0.01	99.98
40	(42)	Armenia	871	0.01	99.99
41	(41)	Myanmar	450	0.01	100.00
42	(43)	Saudi Arabia	316	0.00	100.00
		Total	7 533 028	100.00	

6.5.3

*Precious Metals*

*Edelmetalle*

Gold

Rank 99	Rank 98	C o u n t r y	Production 1999 kg	Share in %	cum. sh.
1	( 1)	South Africa, Rep. of	451 184	18.55	18.55
2	( 2)	United States	341 000	14.02	32.57
3	( 3)	Australia	295 930	12.17	44.73
4	( 4)	Canada	157 790	6.49	51.22
5	( 5)	China	156 000	6.41	57.63
6	( 6)	Indonesia	129 030	5.30	62.94
7	( 8)	Peru	128 090	5.27	68.20
8	( 7)	Russia	126 000	5.18	73.38
9	( 9)	Uzbekistan	86 000	3.54	76.92
10	(10)	Ghana	81 496	3.35	80.27
11	(11)	Papua New Guinea	65 000	2.67	82.94
12	(13)	Chile	48 069	1.98	84.92
13	(12)	Brazil	43 000	1.77	86.69
14	(19)	Colombia	34 599	1.42	88.11
15	(14)	Philippines	31 050	1.28	89.38
16	(16)	Zimbabwe	27 114	1.11	90.50
17	(15)	Mexico	23 475	0.97	91.46
18	(18)	Kyrgystan	20 000	0.82	92.29
19	(20)	Kazakhstan	19 982	0.82	93.11
20	(17)	Mali	17 160	0.71	93.81
21	(21)	Guyana	14 450	0.59	94.41
22	(22)	Bolivia	11 787	0.48	94.89
23	(23)	Venezuela	11 000	0.45	95.34
24	(24)	Japan	9 410	0.39	95.73
25	(25)	Uganda	9 000	0.37	96.10
26	(26)	New Zealand	8 600	0.35	96.45
27	(27)	Sudan	5 565	0.23	96.68
28	(42)	Nicaragua	5 416	0.22	96.91
29	(37)	Spain	5 081	0.21	97.11
30	(29)	Saudi Arabia	4 580	0.19	97.30
31	(28)	Sweden	4 202	0.17	97.48
32	(30)	Guinea	4 070	0.17	97.64
33	(44)	Argentina	3 850	0.16	97.80
34	(35)	Yugoslavia	3 700	0.15	97.95
35	(36)	Malaysia	3 504	0.14	98.10
36	(34)	DPR Korea	3 200	0.13	98.23
37	(40)	French Guiana	3 200	0.13	98.36
38	(31)	Finland	3 159	0.13	98.49
39	(39)	Fiji	3 000	0.12	98.61
40	(32)	France	3 000	0.12	98.74
41	(38)	Tajikistan	2 700	0.11	98.85
42	(33)	Ethiopia	2 330	0.10	98.94
43	(50)	Cote d'Ivoire	2 030	0.08	99.03
44	(41)	India	2 030	0.08	99.11
45	(45)	Namibia	2 008	0.08	99.19
46	(43)	Mongolia	1 900	0.08	99.27

47	(47)	Mauritania	1 700	0.07	99.34
48	(46)	Ecuador	1 600	0.07	99.41
49	(52)	Italy	1 600	0.07	99.47
50	(54)	Georgia	1 190	0.05	99.52
51	(51)	Bulgaria	1 033	0.04	99.56
52	(61)	Kenya	990	0.04	99.61
53	(48)	Burkina Faso	886	0.04	99.64
54	(53)	Iran	765	0.03	99.67
55	(55)	Macedonia	750	0.03	99.70
56	(49)	Dominican Republic	660	0.03	99.73
57	(57)	Senegal	630	0.03	99.76
58	(67)	Cuba	600	0.02	99.78
59	(58)	Oman	597	0.02	99.81
60	(59)	Eritrea	530	0.02	99.83
61	(60)	Romania	470	0.02	99.85
62	(56)	Costa Rica	380	0.02	99.86
63	(63)	Sierra Leone	360	0.01	99.88
64	(62)	Poland	350	0.01	99.89
65	(71)	Korea, Republic of	320	0.01	99.91
66	(64)	Slovakia	302	0.01	99.92
67	(66)	Tanzania	250	0.01	99.93
68	(70)	Mozambique	220	0.01	99.94
69	(69)	Panama	220	0.01	99.95
70	(0)	Congo,D.R.	207	0.01	99.95
71	(65)	Niger	200	0.01	99.96
72	(68)	Armenia	200	0.01	99.97
73	(72)	Zambia	145	0.01	99.98
74	(74)	Myanmar	116	0.00	99.98
75	(75)	Rwanda	100	0.00	99.99
76	(76)	Central African Rep.	90	0.00	99.99
77	(78)	Gabon	70	0.00	99.99
78	(77)	Honduras	70	0.00	100.00
79	(79)	Madagascar	40	0.00	100.00
80	(80)	Burundi	28	0.00	100.00
81	(83)	Nigeria	25	0.00	100.00
82	(81)	Solomon Islands	23	0.00	100.00
		Total	2 432 458	100.00	

## Platinum

Rank 99	Rank 98	C o u n t r y	Production 1999 kg	Share in %	cum. sh.
1	(1)	South Africa, Rep. of	121 713	68.35	68.35
2	(2)	Russia	27 000	15.16	83.51
3	(3)	Canada	14 012	7.87	91.38
4	(4)	United States	13 400	7.52	98.90
5	(5)	Japan	650	0.37	99.27
6	(7)	Colombia	488	0.27	99.54
7	(6)	Australia	420	0.24	99.78
8	(8)	Zimbabwe	390	0.22	100.00
9	(9)	Yugoslavia	2	0.00	100.00
		Total	178 075	100.00	

Silver

Rank 99	Rank 98	Country	Production 1999 kg	Share in %	cum. sh.
1	( 1)	Mexico	2 337 554	13.52	13.52
2	( 3)	Peru	2 217 000	12.82	26.34
3	( 2)	United States	1 950 000	11.28	37.61
4	( 4)	Australia	1 894 000	10.95	48.57
5	( 6)	Chile	1 380 711	7.98	56.55
6	( 5)	China	1 375 000	7.95	64.50
7	( 7)	Canada	1 173 000	6.78	71.28
8	( 8)	Poland	1 096 000	6.34	77.62
9	( 9)	Kazakhstan	904 000	5.23	82.85
10	(10)	Bolivia	422 492	2.44	85.29
11	(11)	Russia	375 000	2.17	87.46
12	(12)	Sweden	341 584	1.98	89.44
13	(13)	Indonesia	292 330	1.69	91.13
14	(14)	Morocco	227 000	1.31	92.44
15	(15)	DPR Korea	220 000	1.27	93.71
16	(16)	South Africa, Rep. of	151 960	0.88	94.59
17	(18)	Turkey	110 000	0.64	95.23
18	(17)	Japan	94 000	0.54	95.77
19	(23)	Argentina	73 788	0.43	96.20
20	(20)	Spain	66 000	0.38	96.58
21	(19)	Greece	65 000	0.38	96.95
22	(24)	India	60 000	0.35	97.30
23	(22)	Papua New Guinea	59 000	0.34	97.64
24	(21)	Italy	50 000	0.29	97.93
25	(25)	Honduras	37 766	0.22	98.15
26	(26)	Yugoslavia	34 000	0.20	98.35
27	(28)	Finland	31 000	0.18	98.53
28	(27)	Portugal	26 450	0.15	98.68
29	(32)	New Zealand	24 300	0.14	98.82
30	(29)	Brazil	24 000	0.14	98.96
31	(33)	Macedonia	22 000	0.13	99.08
32	(30)	Bulgaria	20 000	0.12	99.20
33	(34)	Philippines	18 214	0.11	99.31
34	(35)	Romania	17 800	0.10	99.41
35	(36)	Mongolia	17 000	0.10	99.51
36	(31)	Namibia	15 000	0.09	99.59
37	(37)	Saudi Arabia	10 472	0.06	99.65
38	(38)	Ireland	10 400	0.06	99.71
39	(39)	Zambia	8 500	0.05	99.76
40	(42)	Colombia	7 594	0.04	99.81
41	(45)	Malaysia	7 285	0.04	99.85
42	(41)	Zimbabwe	5 396	0.03	99.88
43	(43)	Korea, Republic of	4 144	0.02	99.90
44	(40)	Dominican Republic	3 190	0.02	99.92
45	(50)	Nicaragua	2 167	0.01	99.94
46	(44)	Myanmar	2 159	0.01	99.95
47	(46)	Norway	1 800	0.01	99.96
48	(48)	Iran	1 630	0.01	99.97

49	(47)	Fiji	1 500	0.01	99.98
50	(49)	Algeria	1 400	0.01	99.98
51	(51)	France	800	0.00	99.99
52	(52)	Ghana	550	0.00	99.99
53	(54)	Tunisia	350	0.00	99.99
54	(55)	Panama	330	0.00	100.00
55	(56)	Oman	300	0.00	100.00
56	(53)	Slovakia	287	0.00	100.00
57	(57)	Solomon Islands	2	0.00	100.00
		Total	17 293 205	100.00	

6.5.4

*Industrial Minerals*

*Industrieminerale, Steine und Erden*

Asbestos

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Russia	670 000	35.32	35.32
2	( 2)	Canada	345 000	18.19	53.51
3	( 3)	China	300 000	15.81	69.32
4	( 4)	Brazil	188 400	9.93	79.25
5	( 5)	Kazakhstan	120 000	6.33	85.58
6	( 6)	Zimbabwe	87 872	4.63	90.21
7	( 7)	Iran	65 953	3.48	93.69
8	( 8)	Greece	35 068	1.85	95.54
9	( 9)	Swaziland	22 912	1.21	96.74
10	(10)	South Africa, Rep. of	18 700	0.99	97.73
11	(11)	India	18 000	0.95	98.68
12	(12)	Colombia	14 200	0.75	99.43
13	(13)	United States	7 190	0.38	99.81
14	(14)	Egypt	2 100	0.11	99.92
15	(15)	Yugoslavia	800	0.04	99.96
16	(16)	Bulgaria	650	0.03	99.99
17	(17)	Pakistan	140	0.01	100.00
		Total	1 896 985	100.00	

Baryte

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	3 200 000	50.58	50.58
2	( 2)	United States	434 000	6.86	57.44
3	( 3)	India	400 000	6.32	63.76
4	( 4)	Morocco	320 456	5.07	68.83
5	( 5)	Kazakhstan	320 000	5.06	73.89
6	( 6)	Iran	183 034	2.89	76.78
7	( 7)	Mexico	157 953	2.50	79.28
8	( 8)	Turkey	150 058	2.37	81.65
9	(10)	Bulgaria	130 000	2.05	83.70
10	(11)	DPR Korea	120 000	1.90	85.60
11	( 9)	Germany, Federal Rep.	118 489	1.87	87.47
12	(15)	France	73 000	1.15	88.63
13	(14)	Canada	70 000	1.11	89.73
14	(12)	Thailand	68 012	1.08	90.81
15	(17)	Peru	63 500	1.00	91.81
16	(13)	Spain	61 400	0.97	92.78
17	(18)	Russia	55 000	0.87	93.65
18	(16)	United Kingdom	55 000	0.87	94.52
19	(19)	Brazil	52 500	0.83	95.35



20	(20)	Algeria	50 500	0.80	96.15
21	(26)	Slovakia	31 600	0.50	96.65
22	(22)	Poland	28 000	0.44	97.09
23	(24)	Myanmar	27 679	0.44	97.53
24	(21)	Italy	24 557	0.39	97.92
25	(23)	Pakistan	22 728	0.36	98.28
26	(25)	Malaysia	16 500	0.26	98.54
27	(27)	Belgium	14 301	0.23	98.76
28	(28)	Australia	13 300	0.21	98.97
29	(33)	Saudi Arabia	13 200	0.21	99.18
30	(29)	Nigeria	10 000	0.16	99.34
31	(30)	Argentina	9 000	0.14	99.48
32	(36)	Bolivia	6 005	0.09	99.58
33	(32)	Romania	4 579	0.07	99.65
34	(31)	Tunisia	4 000	0.06	99.71
35	(35)	Guatemala	4 000	0.06	99.78
36	(34)	Afghanistan	3 500	0.06	99.83
37	(37)	Zimbabwe	3 140	0.05	99.88
38	(42)	South Africa, Rep. of	2 800	0.04	99.93
39	(38)	Ecuador	1 650	0.03	99.95
40	(39)	Colombia	1 600	0.03	99.98
41	(40)	Chile	823	0.01	99.99
42	(41)	Greece	367	0.01	100.00
43	(43)	Armenia	300	0.00	100.00
		Total	6 326 531	100.00	

## Bentonite

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	United States	4 069 996	38.00	38.00
2	( 2)	Russia	1 200 000	11.20	49.20
3	( 3)	Greece	1 099 657	10.27	59.47
4	( 5)	Turkey	899 614	8.40	67.87
5	( 4)	Italy	562 674	5.25	73.12
6	( 6)	Germany, Federal Rep.	476 580	4.45	77.57
7	( 7)	Japan	420 000	3.92	81.49
8	( 9)	Brazil	240 000	2.24	83.73
9	( 8)	India	230 000	2.15	85.88
10	(16)	Spain	190 000	1.77	87.65
11	(13)	Czech Republic	160 000	1.49	89.15
12	(12)	Argentina	152 300	1.42	90.57
13	(10)	Cyprus	140 182	1.31	91.88
14	(11)	United Kingdom	135 000	1.26	93.14
15	(14)	Iran	131 240	1.23	94.36
16	(15)	Korea, Republic of	112 258	1.05	95.41
17	(18)	Mexico	68 500	0.64	96.05
18	(19)	Armenia	63 000	0.59	96.64
19	(17)	Slovakia	60 000	0.56	97.20
20	(20)	Australia	57 000	0.53	97.73
21	(21)	South Africa, Rep. of	50 700	0.47	98.20
22	(23)	Turkmenistan	38 000	0.35	98.56
23	(22)	Morocco	36 528	0.34	98.90

24	(25)	Peru	18 000	0.17	99.07
25	(27)	Algeria	15 500	0.14	99.21
26	(28)	Pakistan	14 303	0.13	99.35
27	(26)	Romania	12 590	0.12	99.46
28	(24)	Hungary	9 301	0.09	99.55
29	(29)	Colombia	9 000	0.08	99.63
30	(30)	Indonesia	8 500	0.08	99.71
31	(34)	Croatia	5 200	0.05	99.76
32	(31)	Thailand	4 535	0.04	99.80
33	(32)	New Zealand	4 400	0.04	99.84
34	(36)	Guatemala	4 300	0.04	99.88
35	(35)	Macedonia	2 800	0.03	99.91
36	(37)	Poland	2 300	0.02	99.93
37	(33)	Philippines	1 844	0.02	99.95
38	(38)	Egypt	1 500	0.01	99.96
39	(39)	Bolivia	1 400	0.01	99.98
40	(40)	Chile	1 104	0.01	99.99
41	(41)	Myanmar	700	0.01	99.99
42	(42)	Nicaragua	370	0.00	100.00
43	(43)	Ecuador	190	0.00	100.00
44	(44)	Uruguay	120	0.00	100.00
Total			10 711 186	100.00	

## Boron

Rank 99	Rank 98	Country	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	Turkey	1 242 228	38.35	38.35
2	(2)	United States	1 220 000	37.66	76.02
3	(3)	Chile	324 691	10.02	86.04
4	(4)	Argentina	302 900	9.35	95.39
5	(5)	China	70 000	2.16	97.55
6	(6)	Kazakhstan	55 000	1.70	99.25
7	(7)	Peru	15 000	0.46	99.71
8	(8)	Bolivia	6 746	0.21	99.92
9	(9)	Iran	2 543	0.08	100.00
Total			3 239 108	100.00	

## Diamonds (Gem)

Rank 99	Rank 98	Country	Production 1999 carats	Share in %	cum. sh.
1	(2)	Botswana	14 943 000	28.99	28.99
2	(1)	Australia	11 880 000	23.05	52.04
3	(3)	Russia	11 500 000	22.31	74.34
4	(0)	Congo,D.R.	4 400 000	8.54	82.88
5	(5)	South Africa, Rep. of	4 008 800	7.78	90.66
6	(6)	Angola	1 919 643	3.72	94.38

7	(7)	Namibia	1 557 050	3.02	97.40
8	(8)	Central African Rep.	382 500	0.74	98.14
9	(10)	Sierra Leone	214 400	0.42	98.56
10	(13)	Tanzania	199 580	0.39	98.95
11	(9)	Guinea	150 000	0.29	99.24
12	(11)	Ghana	95 349	0.18	99.42
13	(12)	Zimbabwe	75 000	0.15	99.57
14	(14)	Brazil	56 000	0.11	99.68
15	(15)	Venezuela	52 000	0.10	99.78
16	(16)	China	34 000	0.07	99.84
17	(17)	Liberia	28 600	0.06	99.90
18	(20)	India	14 400	0.03	99.93
19	(21)	Guyana	13 620	0.03	99.95
20	(19)	Swaziland	12 000	0.02	99.98
21	(18)	Cote d'Ivoire	12 000	0.02	100.00
		Total	51 547 942	100.00	

### Diamonds (Ind)

Rank 99	Rank 98	C o u n t r y	Production 1999 carats	Share in %	cum. sh.
1	(1)	Australia	17 820 000	29.25	29.25
2	(0)	Congo,D.R.	17 600 000	28.89	58.15
3	(3)	Russia	11 500 000	18.88	77.02
4	(5)	Botswana	6 404 400	10.51	87.54
5	(4)	South Africa, Rep. of	6 013 200	9.87	97.41
6	(6)	Ghana	381 395	0.63	98.04
7	(7)	Angola	313 294	0.51	98.55
8	(8)	Zimbabwe	175 000	0.29	98.84
9	(9)	China	136 000	0.22	99.06
10	(10)	Sierra Leone	105 600	0.17	99.23
11	(13)	Namibia	81 950	0.13	99.37
12	(14)	Venezuela	78 000	0.13	99.50
13	(11)	Central African Rep.	67 500	0.11	99.61
14	(12)	Guinea	50 000	0.08	99.69
15	(16)	Swaziland	48 000	0.08	99.77
16	(20)	Tanzania	35 220	0.06	99.83
17	(18)	Guyana	31 780	0.05	99.88
18	(15)	Liberia	25 650	0.04	99.92
19	(17)	Brazil	24 000	0.04	99.96
20	(19)	India	21 600	0.04	100.00
21	(21)	Cote d'Ivoire	3 000	0.00	100.00
22	(22)	Myanmar	6	0.00	100.00
		Total	60 915 595	100.00	

## Diatomite

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	United States	746 695	63.77	63.77
2	( 2)	Korea, Republic of	80 222	6.85	70.62
3	( 3)	France	73 000	6.23	76.86
4	( 4)	Mexico	62 500	5.34	82.20
5	( 5)	Spain	50 000	4.27	86.47
6	( 8)	Czech Republic	37 000	3.16	89.63
7	( 6)	Iceland	28 482	2.43	92.06
8	( 7)	Peru	16 000	1.37	93.42
9	( 9)	Chile	14 477	1.24	94.66
10	(10)	Brazil	12 500	1.07	95.73
11	(11)	Costa Rica	10 300	0.88	96.61
12	(13)	Argentina	10 000	0.85	97.46
13	(12)	Australia	9 500	0.81	98.27
14	( 0)	Iran	4 350	0.37	98.64
15	(14)	Canada	3 300	0.28	98.93
16	(18)	Thailand	2 332	0.20	99.13
17	(16)	Slovakia	2 300	0.20	99.32
18	(19)	Portugal	2 265	0.19	99.52
19	(17)	Algeria	2 000	0.17	99.69
20	(15)	Romania	1 992	0.17	99.86
21	(20)	Ethiopia	600	0.05	99.91
22	(21)	Kenya	507	0.04	99.95
23	(22)	Armenia	320	0.03	99.98
24	(23)	South Africa, Rep. of	250	0.02	100.00
		Total	1 170 892	100.00	

## Feldspar

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Italy	2 493 846	27.86	27.86
2	( 3)	Turkey	923 147	10.31	38.18
3	( 2)	United States	875 000	9.78	47.95
4	( 4)	France	670 000	7.49	55.44
5	( 5)	Germany, Federal Rep.	500 946	5.60	61.04
6	( 6)	Spain	450 000	5.03	66.06
7	( 8)	Korea, Republic of	409 334	4.57	70.64
8	( 7)	Thailand	398 558	4.45	75.09
9	(10)	Mexico	262 241	2.93	78.02
10	( 9)	Czech Republic	244 000	2.73	80.75
11	(13)	Iran	156 058	1.74	82.49
12	(11)	Venezuela	156 000	1.74	84.23
13	(12)	Brazil	125 000	1.40	85.63
14	(17)	Portugal	114 687	1.28	86.91
15	(14)	India	108 000	1.21	88.12
16	(18)	Russia	85 000	0.95	89.07
17	(16)	Argentina	84 000	0.94	90.01

18	(20)	Poland	77 000	0.86	90.87
19	(19)	Uzbekistan	75 000	0.84	91.70
20	(15)	Norway	73 000	0.82	92.52
21	(21)	Colombia	69 000	0.77	93.29
22	(23)	South Africa, Rep. of	59 300	0.66	93.95
23	(22)	Japan	58 000	0.65	94.60
24	(25)	Indonesia	55 000	0.61	95.22
25	(24)	Greece	52 900	0.59	95.81
26	(26)	Hungary	47 000	0.53	96.33
27	(27)	Finland	42 434	0.47	96.81
28	(28)	Romania	36 473	0.41	97.21
29	(29)	Sweden	34 000	0.38	97.59
30	(31)	Pakistan	31 456	0.35	97.94
31	(30)	Egypt	31 000	0.35	98.29
32	(32)	Australia	23 000	0.26	98.55
33	(33)	Ecuador	20 000	0.22	98.77
34	(34)	Guatemala	17 072	0.19	98.96
35	(43)	Philippines	16 740	0.19	99.15
36	(35)	Cuba	16 500	0.18	99.33
37	(36)	Saudi Arabia	15 000	0.17	99.50
38	(37)	Macedonia	9 300	0.10	99.61
39	(38)	Jordan	7 100	0.08	99.68
40	(39)	United Kingdom	6 300	0.07	99.76
41	(40)	Yugoslavia	5 200	0.06	99.81
42	(41)	Algeria	4 500	0.05	99.86
43	(42)	Peru	4 000	0.04	99.91
44	(44)	Sri Lanka	3 400	0.04	99.95
45	(46)	Zimbabwe	1 915	0.02	99.97
46	(45)	Uruguay	1 556	0.02	99.98
47	(47)	Chile	1 346	0.02	100.00
		Total	8 950 309	100.00	

## Fluorspar

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	2 550 000	55.28	55.28
2	( 2)	Mexico	557 106	12.08	67.36
3	( 4)	South Africa, Rep. of	217 500	4.72	72.08
4	( 3)	Russia	200 000	4.34	76.41
5	( 5)	Mongolia	170 000	3.69	80.10
6	( 6)	Spain	142 000	3.08	83.18
7	( 7)	France	100 000	2.17	85.35
8	(14)	Kenya	93 602	2.03	87.37
9	(10)	Uzbekistan	93 000	2.02	89.39
10	(11)	Kazakhstan	85 000	1.84	91.23
11	( 8)	Morocco	83 100	1.80	93.04
12	(12)	Brazil	60 000	1.30	94.34
13	(15)	Namibia	57 700	1.25	95.59
14	( 9)	Italy	46 916	1.02	96.60
15	(13)	United Kingdom	40 000	0.87	97.47
16	(16)	Germany, Federal Rep.	28 260	0.61	98.08
17	(17)	DPR Korea	28 000	0.61	98.69

18	(20)	Iran	18 218	0.39	99.09
19	(23)	Thailand	13 005	0.28	99.37
20	(19)	United States	10 000	0.22	99.58
21	(18)	Argentina	7 000	0.15	99.74
22	(21)	Turkey	4 812	0.10	99.84
23	(24)	Pakistan	2 800	0.06	99.90
24	(22)	India	2 000	0.04	99.94
25	(25)	Tunisia	1 000	0.02	99.97
26	(26)	Colombia	950	0.02	99.99
27	(27)	Afghanistan	480	0.01	100.00
28	(28)	Egypt	120	0.00	100.00
Total			4 612 569	100.00	

## Graphite

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	250 000	42.39	42.39
2	( 2)	India	150 000	25.44	67.83
3	( 4)	Brazil	29 000	4.92	72.75
4	( 3)	Mexico	27 781	4.71	77.46
5	( 5)	DPR Korea	25 000	4.24	81.70
6	( 6)	Czech Republic	22 000	3.73	85.43
7	( 7)	Canada	21 000	3.56	88.99
8	( 8)	Turkey	17 000	2.88	91.88
9	( 9)	Zimbabwe	12 321	2.09	93.96
10	(11)	Norway	7 400	1.25	95.22
11	(12)	Russia	6 300	1.07	96.29
12	(14)	Ukraine	4 300	0.73	97.02
13	(15)	Sweden	4 144	0.70	97.72
14	(19)	Germany, Federal Rep.	3 891	0.66	98.38
15	(13)	Sri Lanka	3 500	0.59	98.97
16	(10)	Austria	2 635	0.45	99.42
17	(17)	Madagascar	2 000	0.34	99.76
18	(18)	Romania	1 041	0.18	99.94
19	(20)	Tanzania	230	0.04	99.97
20	(21)	Viet Nam	150	0.03	100.00
Total			589 693	100.00	

## Guano

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Seychellen	750	97.40	97.40
2	( 2)	Philippines	20	2.60	100.00
Total			770	100.00	

## Gypsum and Anhydrite

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	United States	22 400 000	22.47	22.47
2	(2)	Iran	10 790 918	10.83	33.30
3	(3)	Spain	9 450 000	9.48	42.78
4	(4)	Canada	8 935 000	8.96	51.74
5	(5)	China	8 100 000	8.13	59.87
6	(6)	Thailand	5 005 173	5.02	64.89
7	(7)	France	4 200 000	4.21	69.11
8	(8)	Mexico	3 799 419	3.81	72.92
9	(9)	Germany, Federal Rep.	3 032 115	3.04	75.96
10	(11)	India	2 500 000	2.51	78.47
11	(12)	Australia	2 200 000	2.21	80.68
12	(10)	Egypt	2 000 000	2.01	82.68
13	(13)	United Kingdom	1 800 000	1.81	84.49
14	(15)	Brazil	1 530 000	1.53	86.02
15	(14)	Italy	1 382 709	1.39	87.41
16	(16)	Poland	1 000 000	1.00	88.41
17	(17)	Austria	999 204	1.00	89.42
18	(18)	Chile	886 294	0.89	90.30
19	(19)	Colombia	750 000	0.75	91.06
20	(22)	Greece	686 416	0.69	91.75
21	(23)	Argentina	633 100	0.64	92.38
22	(20)	Russia	580 000	0.58	92.96
23	(21)	Portugal	562 380	0.56	93.53
24	(25)	South Africa, Rep. of	505 400	0.51	94.03
25	(26)	Saudi Arabia	500 000	0.50	94.54
26	(24)	Ireland	500 000	0.50	95.04
27	(27)	Iraq	450 000	0.45	95.49
28	(31)	Switzerland	298 700	0.30	95.79
29	(30)	Syria	295 000	0.30	96.08
30	(33)	Pakistan	273 236	0.27	96.36
31	(28)	Turkey	242 960	0.24	96.60
32	(35)	Jamaica	220 000	0.22	96.82
33	(38)	Hungary	203 000	0.20	97.03
34	(37)	Algeria	190 000	0.19	97.22
35	(34)	Tajikistan	190 000	0.19	97.41
36	(29)	Cyprus	181 446	0.18	97.59
37	(40)	Oman	180 130	0.18	97.77
38	(36)	Libya	180 000	0.18	97.95
39	(45)	Croatia	167 000	0.17	98.12
40	(41)	Tunisia	155 000	0.16	98.27
41	(39)	Bulgaria	148 700	0.15	98.42
42	(32)	Czech Republic	136 000	0.14	98.56
43	(42)	Turkmenistan	128 000	0.13	98.69
44	(43)	Slovakia	117 000	0.12	98.81
45	(44)	Jordan	100 000	0.10	98.91
46	(46)	Laos	100 000	0.10	99.01
47	(48)	Dominican Republic	88 000	0.09	99.09
48	(50)	Afghanistan	82 000	0.08	99.18
49	(49)	Uruguay	82 000	0.08	99.26
50	(52)	Peru	75 000	0.08	99.33
51	(51)	Venezuela	70 000	0.07	99.40

52	(53)	Bhutan	68 000	0.07	99.47
53	(47)	Latvia	65 000	0.07	99.54
54	(54)	Yemen, Republic of	60 000	0.06	99.60
55	(55)	Israel	50 000	0.05	99.65
56	(57)	Myanmar	43 102	0.04	99.69
57	(59)	Ethiopia	37 798	0.04	99.73
58	(58)	Yugoslavia	37 000	0.04	99.77
59	(60)	Guatemala	35 000	0.04	99.80
60	(61)	Angola	25 000	0.03	99.83
61	(63)	Honduras	22 000	0.02	99.85
62	(56)	Azerbaijan	21 000	0.02	99.87
63	(62)	Abu Dhabi (UAE)	20 000	0.02	99.89
64	(65)	Mauntania	18 800	0.02	99.91
65	(64)	Moldavia	17 440	0.02	99.93
66	(66)	Mongolia	17 000	0.02	99.94
67	(67)	Viet Nam	16 000	0.02	99.96
68	(68)	Sudan	11 144	0.01	99.97
69	(69)	Nicaragua	11 000	0.01	99.98
70	(70)	Paraguay	6 000	0.01	99.99
71	(73)	Albania	3 499	0.00	99.99
72	(71)	Ecuador	3 000	0.00	99.99
73	(72)	Niger	1 502	0.00	100.00
74	(74)	Lebanon	1 200	0.00	100.00
75	(77)	Eritrea	960	0.00	100.00
76	(76)	Somalia	650	0.00	100.00
77	(75)	Kenya	600	0.00	100.00
78	(78)	Indonesia	300	0.00	100.00
79	(79)	Uganda	150	0.00	100.00
80	(0)	Bolivia	72	0.00	100.00
Total			99 674 517	100.00	

## Kaolin

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	United States	9 160 609	35.26	35.26
2	(2)	Germany, Federal Rep.	3 542 945	13.64	48.89
3	(3)	United Kingdom	2 200 000	8.47	57.36
4	(5)	Brazil	1 520 000	5.85	63.21
5	(4)	Russia	1 500 000	5.77	68.98
6	(7)	China	1 300 000	5.00	73.99
7	(6)	Iran	858 510	3.30	77.29
8	(8)	India	760 000	2.93	80.22
9	(9)	Colombia	680 000	2.62	82.83
10	(10)	Czech Republic	518 300	1.99	84.83
11	(11)	Turkey	449 454	1.73	86.56
12	(12)	Korea, Republic of	380 000	1.46	88.02
13	(14)	Spain	320 000	1.23	89.25
14	(13)	France	320 000	1.23	90.48
15	(16)	Egypt	260 000	1.00	91.48
16	(18)	Australia	230 000	0.89	92.37
17	(19)	Portugal	200 809	0.77	93.14
18	(20)	Malaysia	170 000	0.65	93.80



19	(15)	Austria	152 457	0.59	94.38
20	(25)	Paraguay	150 000	0.58	94.96
21	(22)	Bulgaria	150 000	0.58	95.54
22	(21)	Mexico	130 000	0.50	96.04
23	(23)	South Africa, Rep. of	130 000	0.50	96.54
24	(24)	Uganda	120 000	0.46	97.00
25	(17)	Thailand	113 005	0.43	97.44
26	(26)	Japan	90 000	0.35	97.78
27	(28)	Poland	70 000	0.27	98.05
28	(29)	Argentina	67 000	0.26	98.31
29	(27)	Pakistan	65 794	0.25	98.56
30	(31)	Greece	64 931	0.25	98.81
31	(30)	Yugoslavia	63 000	0.24	99.06
32	(32)	Jordan	33 500	0.13	99.18
33	(33)	Indonesia	30 000	0.12	99.30
34	(34)	New Zealand	26 000	0.10	99.40
35	(35)	Romania	25 496	0.10	99.50
36	(36)	Slovakia	22 930	0.09	99.59
37	(37)	Algeria	16 800	0.06	99.65
38	(40)	Belgium	14 221	0.05	99.71
39	(38)	Sri Lanka	13 500	0.05	99.76
40	(39)	Cuba	13 500	0.05	99.81
41	(44)	Ecuador	8 000	0.03	99.84
42	(43)	Saudi Arabia	7 500	0.03	99.87
43	(50)	Philippines	5 465	0.02	99.89
44	(41)	Chile	4 361	0.02	99.91
45	(46)	Venezuela	4 300	0.02	99.92
46	(45)	Peru	4 000	0.02	99.94
47	(47)	Bangladesh	3 500	0.01	99.95
48	(42)	Hungary	3 000	0.01	99.96
49	(48)	Burundi	3 000	0.01	99.98
50	(49)	Ethiopia	1 654	0.01	99.98
51	(52)	Tanzania	1 500	0.01	99.99
52	(51)	Eritrea	1 256	0.00	99.99
53	(53)	Albania	1 000	0.00	100.00
54	(54)	Viet Nam	350	0.00	100.00
55	(55)	Madagascar	300	0.00	100.00
56	(56)	Kenya	130	0.00	100.00
57	(58)	Nigeria	70	0.00	100.00
58	(57)	Guatemala	60	0.00	100.00
		Total	25 982 207	100.00	

## Magnesite

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 3)	Russia	2 400 000	21.24	21.24
2	( 2)	China	2 200 000	19.47	40.71
3	( 1)	Turkey	2 146 127	18.99	59.71
4	( 4)	Slovakia	917 700	8.12	67.83
5	( 5)	DPR Korea	800 000	7.08	74.91
6	( 6)	Austria	748 635	6.63	81.54
7	( 7)	Greece	495 144	4.38	85.92

8	(9)	India	345 000	3.05	88.97
9	(8)	Australia	280 505	2.48	91.45
10	(12)	Spain	211 000	1.87	93.32
11	(10)	Brazil	208 800	1.85	95.17
12	(11)	Canada	200 000	1.77	96.94
13	(13)	Iran	141 081	1.25	98.19
14	(14)	Yugoslavia	82 000	0.73	98.91
15	(15)	South Africa, Rep. of	74 000	0.65	99.57
16	(16)	Poland	34 000	0.30	99.87
17	(17)	Colombia	7 300	0.06	99.93
18	(18)	Zimbabwe	5 356	0.05	99.98
19	(19)	Pakistan	2 100	0.02	100.00
		Total	11 298 748	100.00	

### Perlite

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(2)	Greece	777 898	34.76	34.76
2	(1)	United States	711 000	31.77	66.54
3	(3)	Japan	260 000	11.62	78.15
4	(5)	Turkey	147 818	6.61	84.76
5	(4)	Hungary	141 000	6.30	91.06
6	(6)	Russia	65 000	2.90	93.97
7	(10)	Armenia	40 000	1.79	95.75
8	(7)	Mexico	38 000	1.70	97.45
9	(9)	Argentina	20 000	0.89	98.34
10	(8)	Slovakia	19 200	0.86	99.20
11	(11)	Philippines	10 235	0.46	99.66
12	(13)	Australia	3 000	0.13	99.79
13	(12)	Iran	2 100	0.09	99.89
14	(14)	New Zealand	1 900	0.08	99.97
15	(15)	South Africa, Rep. of	600	0.03	100.00
		Total	2 237 751	100.00	

### Phosphate

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	China	30 754 000	45.87	45.87
2	(2)	United States	11 767 000	17.55	63.43
3	(3)	Morocco	6 870 000	10.25	73.67
4	(5)	South Africa, Rep. of	2 941 000	4.39	78.06
5	(4)	Israel	2 287 500	3.41	81.47
6	(6)	Jordan	1 850 000	2.76	84.23
7	(9)	Russia	1 500 000	2.24	86.47
8	(7)	Brazil	1 462 000	2.18	88.65
9	(8)	Tunisia	1 441 080	2.15	90.80
10	(12)	Finland	734 068	1.09	91.90

11	(13)	Senegal	700 878	1.05	92.94
12	(11)	Syria	638 017	0.95	93.89
13	(10)	Togo	620 830	0.93	94.82
14	(17)	India	438 210	0.65	95.47
15	(15)	Kazakhstan	420 000	0.63	96.10
16	(14)	Iraq	415 000	0.62	96.72
17	(16)	Algeria	372 640	0.56	97.27
18	(19)	Mexico	304 208	0.45	97.73
19	(22)	Nauru	272 840	0.41	98.13
20	(18)	Egypt	259 590	0.39	98.52
21	(21)	Viet Nam	221 760	0.33	98.85
22	(20)	Christmas Island	218 560	0.33	99.18
23	(0)	Iran	171 640	0.26	99.43
24	(23)	DPR Korea	140 000	0.21	99.64
25	(24)	Venezuela	109 800	0.16	99.81
26	(25)	Peru	50 000	0.07	99.88
27	(26)	Zimbabwe	25 429	0.04	99.92
28	(27)	Colombia	15 500	0.02	99.94
29	(28)	Sri Lanka	13 000	0.02	99.96
30	(34)	Cambodia	10 000	0.01	99.98
31	(29)	Pakistan	5 000	0.01	99.98
32	(32)	Thailand	3 880	0.01	99.99
33	(31)	Chile	2 167	0.00	99.99
34	(33)	Australia	1 670	0.00	100.00
35	(30)	Philippines	1 000	0.00	100.00
36	(35)	Tanzania	900	0.00	100.00
37	(36)	Indonesia	800	0.00	100.00
38	(37)	Burkina Faso	170	0.00	100.00
Total			67 040 137	100.00	

## Potash

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	Canada	8 345 000	33.83	33.83
2	(2)	Belorussia	3 600 000	14.60	48.43
3	(3)	Germany, Federal Rep.	3 543 360	14.37	62.79
4	(4)	Russia	3 400 000	13.78	76.58
5	(6)	United States	1 300 000	5.27	81.85
6	(5)	Israel	1 114 560	4.52	86.37
7	(7)	Jordan	1 080 000	4.38	90.75
8	(9)	Spain	656 000	2.66	93.40
9	(8)	United Kingdom	520 520	2.11	95.52
10	(10)	France	350 000	1.42	96.93
11	(11)	Brazil	348 200	1.41	98.35
12	(13)	China	195 000	0.79	99.14
13	(12)	Chile	115 000	0.47	99.60
14	(14)	Ukraine	55 000	0.22	99.83
15	(15)	Azerbaijan	43 000	0.17	100.00
Total			24 665 640	100.00	

Salt

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	United States	44 926 000	22.08	22.08
2	( 2)	China	28 120 000	13.82	35.91
3	( 3)	Germany, Federal Rep.	16 703 000	8.21	44.12
4	( 4)	Canada	12 643 000	6.21	50.33
5	( 6)	India	12 000 000	5.90	56.23
6	( 5)	Australia	9 835 000	4.83	61.06
7	( 7)	Mexico	8 235 621	4.05	65.11
8	( 8)	Brazil	7 100 000	3.49	68.60
9	( 9)	Chile	6 800 000	3.34	71.95
10	(10)	France	5 900 000	2.90	74.85
11	(12)	United Kingdom	5 800 000	2.85	77.70
12	(11)	Netherlands	5 400 000	2.65	80.35
13	(13)	Poland	4 128 000	2.03	82.38
14	(14)	Spain	3 750 000	1.84	84.22
15	(15)	Italy	3 338 162	1.64	85.86
16	(17)	Egypt	2 600 000	1.28	87.14
17	(16)	Ukraine	2 300 000	1.13	88.27
18	(18)	Romania	2 196 759	1.08	89.35
19	(19)	Turkey	2 146 127	1.05	90.41
20	(21)	Iran	1 668 790	0.82	91.23
21	(20)	Russia	1 400 000	0.69	91.92
22	(23)	Pakistan	1 250 000	0.61	92.53
23	(22)	Argentina	1 250 000	0.61	93.15
24	(24)	Japan	950 000	0.47	93.61
25	(25)	Austria	809 071	0.40	94.01
26	(26)	Bahamas	720 000	0.35	94.36
27	(27)	Philippines	704 347	0.35	94.71
28	(28)	Israel	700 000	0.34	95.05
29	(29)	Portugal	558 807	0.27	95.33
30	(35)	Denmark	548 000	0.27	95.60
31	(38)	Switzerland	540 800	0.27	95.86
32	(31)	Thailand	540 000	0.27	96.13
33	(32)	Namibia	489 330	0.24	96.37
34	(33)	Colombia	461 366	0.23	96.60
35	(34)	Tunisia	455 000	0.22	96.82
36	(36)	DPR Korea	430 000	0.21	97.03
37	(37)	Venezuela	420 000	0.21	97.24
38	(44)	Jordan	400 000	0.20	97.43
39	(39)	South Africa, Rep. of	358 600	0.18	97.61
40	(40)	Viet Nam	330 000	0.16	97.77
41	(43)	Belorussia	300 000	0.15	97.92
42	(45)	Iraq	270 000	0.13	98.05
43	(42)	Indonesia	250 000	0.12	98.18
44	(30)	Bangladesh	250 000	0.12	98.30
45	(46)	Peru	250 000	0.12	98.42
46	(41)	Taiwan	250 000	0.12	98.55
47	(47)	Botswana	230 000	0.11	98.66
48	(50)	Cuba	177 000	0.09	98.75
49	(48)	Greece	176 867	0.09	98.83
50	(49)	Myanmar	170 000	0.08	98.92

51	(51)	Algeria	163 700	0.08	99.00
52	(55)	Morocco	156 158	0.08	99.07
53	(56)	Saudi Arabia	132 905	0.07	99.14
54	(52)	Sri Lanka	130 000	0.06	99.20
55	(53)	Yemen, Republic of	123 000	0.06	99.26
56	(60)	Sudan	117 148	0.06	99.32
57	(54)	Eritrea	100 000	0.05	99.37
58	(57)	Slovakia	99 900	0.05	99.42
59	(58)	Ethiopia	85 000	0.04	99.46
60	(59)	Tanzania	80 000	0.04	99.50
61	(61)	Syria	72 710	0.04	99.54
62	(63)	Guatemala	72 000	0.04	99.57
63	(62)	Bulgaria	70 000	0.03	99.61
64	(65)	Senegal	65 000	0.03	99.64
65	(64)	New Zealand	65 000	0.03	99.67
66	(66)	Cambodia	50 000	0.02	99.69
67	(83)	Kenya	44 886	0.02	99.72
68	(69)	Turkmenistan	38 000	0.02	99.73
69	(68)	Puerto Rico	36 000	0.02	99.75
70	(71)	Afghanistan	36 000	0.02	99.77
71	(67)	Madagascar	35 000	0.02	99.79
72	(70)	Kuwait	34 800	0.02	99.80
73	(75)	Azerbaijan	29 800	0.01	99.82
74	(72)	Abu Dhabi (UAE)	28 000	0.01	99.83
75	(78)	Honduras	27 991	0.01	99.85
76	(74)	Ghana	25 000	0.01	99.86
77	(73)	Libya	25 000	0.01	99.87
78	(76)	Panama	25 000	0.01	99.88
79	(79)	Mozambique	24 000	0.01	99.89
80	(80)	Armenia	24 000	0.01	99.91
81	(77)	Angola	23 000	0.01	99.92
82	(84)	El Salvador	20 300	0.01	99.93
83	(82)	Albania	20 000	0.01	99.94
84	(81)	Croatia	18 673	0.01	99.95
85	(85)	Costa Rica	17 000	0.01	99.96
86	(86)	Yugoslavia	16 000	0.01	99.96
87	(87)	Jamaica	15 800	0.01	99.97
88	(88)	Mongolia	14 500	0.01	99.98
89	(89)	Nicaragua	12 000	0.01	99.98
90	(90)	Oman	11 230	0.01	99.99
91	(91)	Dominican Republic	8 300	0.00	99.99
92	(92)	Laos	3 200	0.00	100.00
93	(93)	Somalia	2 500	0.00	100.00
94	(96)	Niger	2 000	0.00	100.00
95	(94)	Uganda	1 800	0.00	100.00
96	(95)	Lebanon	1 700	0.00	100.00
97	(97)	Cape Verde	850	0.00	100.00
98	(98)	Bolivia	688	0.00	100.00
99	(99)	Malta	100	0.00	100.00
100	(**)	Benin	75	0.00	100.00
		Total	203 435 361	100.00	

## Sulfur

Rank 99	Rank 98	Country	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	United States	9 800 000	23.80	23.80
2	( 2)	Canada	9 638 000	23.41	47.22
3	( 3)	China	5 000 000	12.15	59.36
4	( 4)	Russia	4 000 000	9.72	69.08
5	( 5)	Saudi Arabia	1 800 000	4.37	73.45
6	( 7)	Iran	1 300 000	3.16	76.61
7	( 8)	Germany, Federal Rep.	1 134 934	2.76	79.36
8	( 6)	Poland	1 096 000	2.66	82.03
9	( 9)	Mexico	855 484	2.08	84.10
10	(10)	France	800 000	1.94	86.05
11	(11)	Spain	760 000	1.85	87.89
12	(12)	Kuwait	550 000	1.34	89.23
13	(13)	Japan	520 000	1.26	90.49
14	(14)	Brazil	480 000	1.17	91.66
15	(16)	Iraq	430 000	1.04	92.70
16	(17)	Finland	415 802	1.01	93.71
17	(15)	South Africa, Rep. of	408 800	0.99	94.71
18	(18)	Australia	300 000	0.73	95.43
19	(19)	Taiwan	190 000	0.46	95.90
20	(21)	Turkmenistan	175 000	0.43	96.32
21	(20)	Italy	170 000	0.41	96.73
22	(24)	Kazakhstan	130 000	0.32	97.05
23	(22)	United Kingdom	120 000	0.29	97.34
24	(23)	Venezuela	110 000	0.27	97.61
25	(25)	DPR Korea	110 000	0.27	97.88
26	(27)	Ukraine	95 000	0.23	98.11
27	(26)	Romania	90 000	0.22	98.33
28	(28)	Yugoslavia	85 000	0.21	98.53
29	(30)	Turkey	75 000	0.18	98.71
30	(29)	Abu Dhabi (UAE)	73 000	0.18	98.89
31	(31)	Colombia	55 500	0.13	99.03
32	(33)	Namibia	48 000	0.12	99.14
33	(32)	Qatar	46 000	0.11	99.25
34	(34)	Norway	42 100	0.10	99.36
35	(35)	Bahrain	41 500	0.10	99.46
36	(36)	Peru	35 000	0.09	99.54
37	(37)	Zambia	29 000	0.07	99.61
38	(38)	Algeria	24 000	0.06	99.67
39	(40)	Libya	23 000	0.06	99.73
40	(39)	Zimbabwe	22 000	0.05	99.78
41	(41)	Bulgaria	20 000	0.05	99.83
42	(42)	Greece	14 500	0.04	99.86
43	(43)	India	12 000	0.03	99.89
44	(44)	Ecuador	11 500	0.03	99.92
45	(46)	Indonesia	11 000	0.03	99.95
46	(45)	Austria	9 468	0.02	99.97
47	(47)	Egypt	6 000	0.01	99.99
48	( 0)	Congo,D.R.	4 500	0.01	100.00

49	(49)	Albania	1 100	0.00	100.00
50	(50)	Pakistan	180	0.00	100.00
51	( 0)	Bolivia	7	0.00	100.00
Total			41 168 375	100.00	

Talc

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	3 500 000	39.30	39.30
2	( 2)	United States	925 000	10.39	49.69
3	( 3)	Korea, Republic of	880 000	9.88	59.57
4	( 4)	Japan	580 000	6.51	66.08
5	( 5)	Finland	508 770	5.71	71.79
6	( 6)	India	450 000	5.05	76.85
7	( 7)	Brazil	430 000	4.83	81.68
8	( 9)	France	370 000	4.15	85.83
9	( 8)	Spain	250 000	2.81	88.64
10	(10)	Russia	220 000	2.47	91.11
11	(11)	Australia	155 000	1.74	92.85
12	(12)	Austria	129 576	1.45	94.30
13	(13)	Italy	123 503	1.39	95.69
14	(14)	DPR Korea	90 000	1.01	96.70
15	(15)	Canada	77 000	0.86	97.57
16	(17)	South Africa, Rep. of	22 000	0.25	97.81
17	(19)	Slovakia	21 000	0.24	98.05
18	(20)	Norway	20 000	0.22	98.27
19	(16)	Iran	18 387	0.21	98.48
20	(21)	Peru	18 000	0.20	98.68
21	(22)	Colombia	15 700	0.18	98.86
22	(23)	Germany, Federal Rep.	14 263	0.16	99.02
23	(26)	Mexico	9 500	0.11	99.13
24	(25)	Argentina	9 500	0.11	99.23
25	(28)	Romania	9 039	0.10	99.33
26	(24)	Macedonia	9 000	0.10	99.43
27	(29)	Taiwan	8 000	0.09	99.52
28	(27)	Portugal	6 554	0.07	99.60
29	(30)	Nepal	6 000	0.07	99.67
30	(31)	United Kingdom	5 000	0.06	99.72
31	(18)	Thailand	4 960	0.06	99.78
32	(32)	Egypt	4 200	0.05	99.82
33	(34)	Turkey	4 000	0.04	99.87
34	(35)	Uruguay	2 904	0.03	99.90
35	( 0)	Greece	2 860	0.03	99.93
36	(33)	Chile	2 231	0.03	99.96
37	(36)	Hungary	1 300	0.01	99.97
38	(37)	Zimbabwe	1 081	0.01	99.99
39	(38)	Guatemala	960	0.01	100.00
40	(39)	Zambia	300	0.00	100.00
41	(40)	Sweden	19	0.00	100.00
Total			8 905 607	100.00	

### Vermiculite

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	South Africa, Rep. of	217 800	38.79	38.79
2	( 2)	United States	175 456	31.25	70.03
3	( 3)	Ukraine	55 000	9.79	79.83
4	( 5)	Brazil	40 000	7.12	86.95
5	( 4)	Russia	28 000	4.99	91.94
6	( 7)	Australia	20 000	3.56	95.50
7	( 6)	Zimbabwe	12 844	2.29	97.78
8	( 8)	Japan	7 000	1.25	99.03
9	( 9)	India	4 500	0.80	99.83
10	(10)	Egypt	400	0.07	99.90
11	(11)	Mexico	380	0.07	99.97
12	(12)	Kenya	164	0.03	100.00
		Total	561 544	100.00	

### Zircon

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Australia	361 000	46.84	46.84
2	( 2)	South Africa, Rep. of	255 000	33.09	79.93
3	( 3)	United States	65 000	8.43	88.36
4	( 4)	Ukraine	30 000	3.89	92.25
5	( 5)	India	20 000	2.60	94.85
6	( 6)	Brazil	14 000	1.82	96.67
7	( 7)	China	12 000	1.56	98.22
8	( 8)	Sri Lanka	8 500	1.10	99.33
9	( 9)	Malaysia	5 200	0.67	100.00
		Total	770 700	100.00	



6.5.5

*Mineral Fuels*  
*Energierohstoffe*

Hard Coal

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	China	1 050 000 000	28.72	28.72
2	( 2)	United States	992 500 000	27.14	55.86
3	( 3)	India	292 300 000	7.99	63.85
4	( 4)	Australia	236 560 000	6.47	70.32
5	( 5)	South Africa, Rep. of	223 357 000	6.11	76.43
6	( 6)	Russia	180 700 000	4.94	81.37
7	( 7)	Poland	112 000 000	3.06	84.44
8	( 8)	DPR Korea	90 000 000	2.46	86.90
9	(12)	Ukraine	77 659 000	2.12	89.02
10	(11)	Indonesia	73 780 000	2.02	91.04
11	(10)	Canada	62 310 000	1.70	92.75
12	( 9)	Kazakhstan	56 200 000	1.54	94.28
13	(13)	Germany, Federal Rep.	39 531 000	1.08	95.36
14	(14)	United Kingdom	37 357 000	1.02	96.39
15	(15)	Colombia	32 754 000	0.90	97.28
16	(16)	Spain	15 420 000	0.42	97.70
17	(17)	Czech Republic	14 419 000	0.39	98.10
18	(18)	Viet Nam	9 094 000	0.25	98.35
19	(19)	Mexico	8 764 835	0.24	98.59
20	(20)	Venezuela	6 753 000	0.18	98.77
21	(21)	Brazil	5 720 000	0.16	98.93
22	(22)	France	5 100 000	0.14	99.07
23	(23)	Zimbabwe	4 977 355	0.14	99.20
24	(24)	Korea, Republic of	4 197 000	0.11	99.32
25	(28)	New Zealand	3 500 000	0.10	99.41
26	(26)	Turkey	3 024 295	0.08	99.50
27	(29)	Uzbekistan	3 000 000	0.08	99.58
28	(27)	Romania	2 750 843	0.08	99.65
29	(25)	Japan	2 600 000	0.07	99.72
30	(30)	Iran	1 507 906	0.04	99.76
31	(31)	Pakistan	1 500 000	0.04	99.81
32	(32)	Philippines	1 204 979	0.03	99.84
33	(33)	Chile	1 015 208	0.03	99.87
34	(34)	Botswana	950 000	0.03	99.89
35	(35)	Hungary	740 000	0.02	99.91
36	(36)	Swaziland	426 299	0.01	99.92
37	(38)	Norway	404 000	0.01	99.94
38	(37)	Kyrgystan	400 000	0.01	99.95
39	(39)	Malaysia	349 849	0.01	99.96
40	(45)	Afghanistan	300 000	0.01	99.96
41	(41)	Argentina	220 000	0.01	99.97
42	(42)	Niger	168 466	0.00	99.97
43	(40)	Morocco	129 200	0.00	99.98
44	(43)	Zambia	127 854	0.00	99.98
45	(44)	Yugoslavia	110 000	0.00	99.98
46	(46)	Tanzania	90 000	0.00	99.99

47	(47)	Nigeria	85 000	0.00	99.99
48	(48)	Peru	75 000	0.00	99.99
49	(49)	Taiwan	75 000	0.00	99.99
50	(50)	Bhutan	62 000	0.00	100.00
51	(53)	Mozambique	45 000	0.00	100.00
52	(51)	Malawi	43 800	0.00	100.00
53	(54)	Tajikistan	20 000	0.00	100.00
54	(56)	Bulgaria	17 200	0.00	100.00
55	(52)	Croatia	14 600	0.00	100.00
56	(55)	Georgia	12 000	0.00	100.00
57	(57)	Laos	9 000	0.00	100.00
58	(58)	Egypt	1 500	0.00	100.00
Total			3 656 432 189	100.00	

### Lignite

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Germany, Federal Rep.	161 282 000	18.91	18.91
2	( 2)	Russia	83 400 000	9.78	28.69
3	( 3)	Turkey	66 716 568	7.82	36.51
4	( 4)	Australia	65 780 000	7.71	44.22
5	( 6)	Greece	61 861 049	7.25	51.47
6	( 5)	Poland	60 800 000	7.13	58.60
7	( 8)	United States	60 000 000	7.03	65.63
8	(10)	Yugoslavia	45 000 000	5.28	70.91
9	( 7)	China	45 000 000	5.28	76.19
10	( 9)	Czech Republic	41 524 000	4.87	81.05
11	(11)	Bulgaria	22 586 182	2.65	83.70
12	(12)	India	21 000 000	2.46	86.16
13	(13)	Romania	20 130 300	2.36	88.52
14	(15)	DPR Korea	20 000 000	2.34	90.87
15	(14)	Thailand	18 266 308	2.14	93.01
16	(16)	Hungary	14 180 000	1.66	94.67
17	(17)	Canada	10 000 000	1.17	95.84
18	(18)	Spain	8 830 000	1.04	96.88
19	(19)	Macedonia	6 300 000	0.74	97.62
20	(20)	Mongolia	5 500 000	0.64	98.26
21	(21)	Slovenia	3 804 000	0.45	98.71
22	(22)	Slovakia	3 742 262	0.44	99.15
23	(24)	Ukraine	3 000 000	0.35	99.50
24	(23)	Kazakhstan	2 000 000	0.23	99.73
25	(25)	Austria	1 137 388	0.13	99.87
26	(26)	France	600 000	0.07	99.94
27	(27)	Italy	260 000	0.03	99.97
28	(28)	New Zealand	180 000	0.02	99.99
29	(30)	Myanmar	42 773	0.01	99.99
30	(29)	Albania	32 595	0.00	100.00
31	(31)	Nepal	12 000	0.00	100.00
Total			852 967 425	100.00	

## Natural Gas

Rank 99	Rank 98	C o u n t r y	Production 1999 Mio m <sup>3</sup>	Share in %	cum. sh.
1	( 1)	Russia	591 000	25.03	25.03
2	( 2)	United States	530 000	22.45	47.48
3	( 3)	Canada	163 384	6.92	54.40
4	( 4)	United Kingdom	98 893	4.19	58.59
5	( 5)	Indonesia	78 720	3.33	61.92
6	( 6)	Netherlands	72 030	3.05	64.98
7	( 7)	Algeria	66 000	2.80	67.77
8	( 8)	Uzbekistan	55 600	2.36	70.13
9	(10)	Norway	51 582	2.18	72.31
10	( 9)	Iran	49 000	2.08	74.39
11	(11)	Saudi Arabia	42 000	1.78	76.17
12	(12)	Malaysia	38 320	1.62	77.79
13	(13)	Mexico	37 000	1.57	79.36
14	(15)	Argentina	31 000	1.31	80.67
15	(14)	Australia	30 754	1.30	81.97
16	(16)	Venezuela	30 000	1.27	83.24
17	(17)	China	25 100	1.06	84.31
18	(18)	Germany, Federal Rep.	23 531	1.00	85.30
19	(26)	Turkmenistan	22 800	0.97	86.27
20	(24)	Pakistan	22 120	0.94	87.20
21	(22)	Thailand	19 195	0.81	88.02
22	(19)	India	19 000	0.80	88.82
23	(21)	Ukraine	18 092	0.77	89.59
24	(20)	Italy	17 635	0.75	90.34
25	(23)	Abu Dhabi (UAE)	16 000	0.68	91.01
26	(27)	Romania	14 511	0.61	91.63
27	(25)	Egypt	14 100	0.60	92.23
28	(34)	Libya	13 700	0.58	92.81
29	(28)	Qatar	13 500	0.57	93.38
30	(30)	Brazil	13 191	0.56	93.94
31	(29)	Kuwait	11 000	0.47	94.40
32	(33)	Bangladesh	11 000	0.47	94.87
33	(31)	Trinidad and Tobago	9 700	0.41	95.28
34	(32)	Brunei	9 000	0.38	95.66
35	(36)	Denmark	7 800	0.33	95.99
36	(35)	Oman	7 300	0.31	96.30
37	(39)	Azerbaijan	6 000	0.25	96.55
38	(37)	Bolivia	5 881	0.25	96.80
39	(41)	New Zealand	5 700	0.24	97.04
40	(40)	Bahrain	5 600	0.24	97.28
41	(38)	Colombia	5 140	0.22	97.50
42	(42)	Nigeria	4 800	0.20	97.70
43	(43)	Poland	4 741	0.20	97.90
44	(44)	Sharjah (UAE)	4 400	0.19	98.09
45	(45)	Iraq	4 200	0.18	98.27
46	(47)	Hungary	3 560	0.15	98.42
47	(46)	Kazakhstan	3 500	0.15	98.57
48	(50)	Ecuador	3 320	0.14	98.71
49	(60)	Viet Nam	3 000	0.13	98.83
50	(48)	Chile	2 957	0.13	98.96

51	(49)	Syria	2 647	0.11	99.07
52	(52)	Japan	2 400	0.10	99.17
53	(55)	Afghanistan	2 400	0.10	99.27
54	(51)	Dubai (UAE)	2 000	0.08	99.36
55	(53)	Tunisia	1 819	0.08	99.44
56	(59)	Austria	1 741	0.07	99.51
57	(58)	Croatia	1 675	0.07	99.58
58	(54)	France	1 600	0.07	99.65
59	(57)	Myanmar	1 600	0.07	99.72
60	(56)	Ireland	1 400	0.06	99.78
61	(61)	Peru	900	0.04	99.81
62	(62)	Taiwan	900	0.04	99.85
63	(63)	Yugoslavia	730	0.03	99.88
64	(64)	Turkey	718	0.03	99.91
65	(65)	Angola	420	0.02	99.93
66	(68)	Belorussia	300	0.01	99.94
67	(67)	Jordan	250	0.01	99.95
68	(69)	Czech Republic	227	0.01	99.96
69	(66)	Slovakia	218	0.01	99.97
70	(70)	Spain	143	0.01	99.98
71	(72)	Gabon	100	0.00	99.98
72	(71)	Papua New Guinea	95	0.00	99.99
73	(73)	Cuba	41	0.00	99.99
74	(74)	Tajikistan	40	0.00	99.99
75	(75)	Greece	30	0.00	99.99
76	(79)	Kyrgystan	30	0.00	99.99
77	(76)	Morocco	27	0.00	100.00
78	(77)	Barbados	27	0.00	100.00
79	(81)	Bulgaria	26	0.00	100.00
80	(78)	Senegal	23	0.00	100.00
81	(80)	Albania	14	0.00	100.00
82	(82)	Israel	11	0.00	100.00
83	(84)	Guatemala	7	0.00	100.00
84	(83)	Slovenia	6	0.00	100.00
		Total	2 360 922	100.00	

## Oil

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Saudi Arabia	388 559 962	10.95	10.95
2	(11)	Iraq	338 393 400	9.54	20.49
3	( 2)	United States	309 090 000	8.71	29.20
4	( 3)	Russia	305 000 000	8.60	37.80
5	( 4)	Iran	180 558 200	5.09	42.88
6	( 6)	China	160 600 000	4.53	47.41
7	( 8)	Norway	154 833 000	4.36	51.77
8	( 5)	Mexico	152 898 500	4.31	56.08
9	( 7)	Venezuela	144 824 700	4.08	60.17
10	( 9)	United Kingdom	137 032 000	3.86	64.03
11	(10)	Canada	122 448 000	3.45	67.48
12	(12)	Nigeria	102 710 000	2.89	70.37

13	(14)	Abu Dhabi (UAE)	88 096 400	2.48	72.86
14	(13)	Kuwait	85 169 100	2.40	75.26
15	(15)	Indonesia	77 980 000	2.20	77.45
16	(16)	Libya	72 893 290	2.05	79.51
17	(17)	Brazil	64 614 000	1.82	81.33
18	(19)	Oman	46 683 500	1.32	82.65
19	(21)	Colombia	42 551 700	1.20	83.84
20	(18)	Argentina	41 777 900	1.18	85.02
21	(20)	Egypt	40 160 950	1.13	86.15
22	(22)	Algeria	39 941 950	1.13	87.28
23	(24)	Angola	39 733 900	1.12	88.40
24	(23)	Malaysia	37 820 128	1.07	89.47
25	(26)	Qatar	32 988 700	0.93	90.40
26	(25)	India	32 000 000	0.90	91.30
27	(29)	Kazakhstan	30 000 000	0.85	92.14
28	(28)	Australia	29 594 000	0.83	92.98
29	(27)	Syria	28 697 920	0.81	93.79
30	(30)	Yemen, Republic of	21 166 350	0.60	94.38
31	(33)	Gabon	17 800 000	0.50	94.88
32	(32)	Dubai (UAE)	15 673 000	0.44	95.33
33	(31)	Ecuador	15 647 550	0.44	95.77
34	(34)	Denmark	14 900 000	0.42	96.19
35	(35)	Viet Nam	14 213 000	0.40	96.59
36	(36)	Congo	12 519 500	0.35	96.94
37	(38)	Azerbaijan	10 990 000	0.31	97.25
38	(39)	Uzbekistan	8 100 000	0.23	97.48
39	(37)	Brunei	7 887 650	0.22	97.70
40	(41)	Turkmenistan	7 000 000	0.20	97.90
41	(42)	Trinidad and Tobago	6 489 700	0.18	98.08
42	(40)	Romania	6 131 000	0.17	98.25
43	(45)	Peru	5 287 300	0.15	98.40
44	(44)	Papua New Guinea	5 219 500	0.15	98.55
45	(43)	Italy	5 049 417	0.14	98.69
46	(46)	Tunisia	4 026 000	0.11	98.81
47	(47)	Ukraine	3 791 000	0.11	98.91
48	(48)	Cameroon	3 339 750	0.09	99.01
49	(49)	Turkey	2 939 479	0.08	99.09
50	(50)	Germany, Federal Rep.	2 740 000	0.08	99.17
51	(52)	Pakistan	2 726 550	0.08	99.24
52	(51)	Netherlands	2 439 060	0.07	99.31
53	(53)	New Zealand	2 346 950	0.07	99.38
54	(54)	Bahrain	2 000 000	0.06	99.43
55	(58)	Belorussia	1 800 000	0.05	99.49
56	(59)	Thailand	1 717 223	0.05	99.53
57	(55)	Bolivia	1 692 940	0.05	99.58
58	(57)	France	1 500 000	0.04	99.62
59	(56)	Cuba	1 408 900	0.04	99.66
60	( 0)	Congo,D.R.	1 310 350	0.04	99.70
61	(65)	Guatemala	1 262 900	0.04	99.74
62	(61)	Hungary	1 243 000	0.04	99.77
63	(60)	Croatia	1 186 923	0.03	99.80
64	(63)	Austria	1 063 506	0.03	99.83
65	(64)	Yugoslavia	900 000	0.03	99.86
66	(67)	Myanmar	781 100	0.02	99.88
67	(66)	Japan	653 350	0.02	99.90

68	(71)	Poland	425 000	0.01	99.91
69	(75)	Suriname	391 188	0.01	99.92
70	(69)	Chile	367 846	0.01	99.93
71	(70)	Sharjah (UAE)	365 000	0.01	99.94
72	(72)	Albania	323 009	0.01	99.95
73	(68)	Spain	306 000	0.01	99.96
74	(74)	Lithuania	232 000	0.01	99.97
75	(77)	Czech Republic	176 000	0.00	99.97
76	(73)	Greece	152 540	0.00	99.98
77	(76)	Equatorial Guinea	150 000	0.00	99.98
78	(78)	Benin	135 000	0.00	99.99
79	(79)	Kyrgystan	100 000	0.00	99.99
80	(80)	Georgia	90 000	0.00	99.99
81	(83)	Barbados	80 000	0.00	99.99
82	(82)	Bangladesh	61 000	0.00	99.99
83	(85)	Slovakia	60 264	0.00	100.00
84	(81)	Philippines	44 790	0.00	100.00
85	(86)	Bulgaria	32 700	0.00	100.00
86	(84)	Ras Al-Khaimah (UAE)	25 550	0.00	100.00
87	(87)	Tajikistan	20 000	0.00	100.00
88	(88)	Israel	5 215	0.00	100.00
89	(89)	Morocco	3 200	0.00	100.00
90	(90)	Jordan	1 500	0.00	100.00
91	(91)	Slovenia	711	0.00	100.00
		Total	3 548 142 661	100.00	

#### Oil Shale

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	( 1)	Estonia	11 980 000	84.55	84.55
2	( 2)	Russia	1 800 000	12.70	97.26
3	( 3)	Germany, Federal Rep.	346 815	2.45	99.71
4	( 4)	Italy	23 000	0.16	99.87
5	( 5)	France	18 000	0.13	100.00
6	( 6)	Austria	496	0.00	100.00
		Total	14 168 311	100.00	

## Uranium

Rank 99	Rank 98	C o u n t r y	Production 1999 metr.t	Share in %	cum. sh.
1	(1)	Canada	11 665	31.11	31.11
2	(2)	Australia	7 061	18.83	49.95
3	(4)	Namibia	3 095	8.26	58.20
4	(3)	Niger	2 916	7.78	65.98
5	(6)	Uzbekistan	2 360	6.29	72.28
6	(7)	United States	2 130	5.68	77.96
7	(5)	Russia	2 120	5.65	83.61
8	(8)	Kazakhstan	1 650	4.40	88.01
9	(9)	South Africa, Rep. of	1 093	2.92	90.93
10	(10)	Gabon	862	2.30	93.23
11	(13)	Ukraine	590	1.57	94.80
12	(11)	China	590	1.57	96.38
13	(12)	France	495	1.32	97.70
14	(14)	Spain	363	0.97	98.66
15	(15)	India	190	0.51	99.17
16	(16)	Czech Republic	152	0.41	99.58
17	(17)	Mongolia	90	0.24	99.82
18	(18)	Germany, Federal Rep.	39	0.10	99.92
19	(19)	Argentina	20	0.05	99.97
20	(20)	Portugal	10	0.03	100.00
		Total	37 491	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)

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	30 000	30 000	25 000	23 000	20 000	-33.33	-13.04
Salt	(t)	35 000	38 000	35 000	30 000	28 000	-20.00	-6.67
Sulfur	(t)	90 000	80 000	80 000	75 000	73 000	-18.89	-2.67
Nat.Gas	(Mio m3)	17 500	16 000	16 000	16 500	16 000	-8.57	-3.03
Oil	(t)	97 797 188	89 478 400	89 313 300	90 469 995	88 096 400	-9.92	-2.62

Afghanistan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Chromium	(t)	1 764	1 500	1 365	525	500	-71.66	-4.76
Copper	(t)	1 260	1 800	1 065	680	650	-48.41	-4.41
Baryte	(t)	6 200	6 000	4 700	3 700	3 500	-43.55	-5.41
Fluorspar	(t)	900	800	560	500	480	-46.67	-4.00
Gypsum	(t)	98 000	95 000	74 000	80 000	82 000	-16.33	2.50
Salt	(t)	25 000	28 000	31 500	35 000	36 000	44.00	2.86
Hard-Coal	(t)	167 000	180 000	98 000	105 000	300 000	79.64	185.71
Nat.Gas	(Mio m3)	1 415	1 500	1 000	1 800	2 400	69.61	33.33

Albania

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	7 000	6 500	6 000	5 500	5 300	-24.29	-3.64
Chromium	(t)	30 892	30 402	22 000	14 000	6 837	-77.87	-51.16
Bauxite	(t)	0	0	4 454	4 000	4 624	.	15.60
Copper	(t)	16 664	10 807	8 700	8 650	8 690	-47.85	0.46
Gypsum	(t)	10 000	2 108	2 000	1 500	3 499	-65.01	133.27
Kaolin	(t)	1 500	1 300	1 200	1 100	1 000	-33.33	-9.09
Salt	(t)	40 000	35 000	22 732	22 000	20 000	-50.00	-9.09
Sulfur	(t)	2 000	1 500	1 300	1 200	1 100	-45.00	-8.33

Lignite	(t)	80 262	68 936	38 900	33 000	32 595	-59.39	-1.23
Nat.Gas (Mio m3)		28	23	18	16	14	-50.00	-12.50
Oil	(t)	520 866	488 214	359 700	309 000	323 009	-37.99	4.53

## Algeria

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	1 188 000	1 212 300	883 980	972 000	721 440	-39.27	-25.78
Cadmium	(t)	59	50	50	50	40	-32.20	-20.00
Lead	(t)	1 383	1 016	1 342	700	600	-56.62	-14.29
Mercury	(t)	295	368	447	414	241	-18.31	-41.79
Zinc	(t)	3 874	3 192	3 661	4 644	5 292	36.60	13.95
Silver	(kg)	2 000	2 000	1 600	1 500	1 400	-30.00	-6.67
Baryte	(t)	29 838	31 348	39 140	37 000	50 500	69.25	36.49
Bentonite	(t)	17 088	19 526	17 700	16 000	15 500	-9.29	-3.13
Diatomite	(t)	3 500	3 000	2 332	2 100	2 000	-42.86	-4.76
Feldspar	(t)	6 000	5 800	5 500	5 000	4 500	-25.00	-10.00
Gypsum	(t)	250 000	240 000	230 000	200 000	190 000	-24.00	-5.00
Kaolin	(t)	24 068	23 417	18 533	13 600	16 800	-30.20	23.53
Phosphate	(t)	542 640	357 340	361 420	442 000	372 640	-31.33	-15.69
Salt	(t)	250 000	220 000	137 310	172 000	163 700	-34.52	-4.83
Sulfur	(t)	26 000	26 000	25 000	24 500	24 000	-7.69	-2.04
Nat.Gas (Mio m3)		59 000	60 600	64 000	65 000	66 000	11.86	1.54
Oil	(t)	56 600 000	38 100 000	39 500 000	38 100 000	39 941 950	-29.43	4.83

## Angola

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Diam. (Gem)	(c)	2 880 000	3 330 000	4 770 000	2 700 000	1 919 643	-33.35	-28.90
Diam. (Ind)	(c)	320 000	370 000	530 000	300 000	313 294	-2.10	4.43
Gypsum	(t)	35 000	35 000	30 000	27 000	25 000	-28.57	-7.41
Salt	(t)	40 000	30 000	28 000	25 000	23 000	-42.50	-8.00
Nat.Gas (Mio m3)		600	500	450	400	420	-30.00	5.00
Oil	(t)	32 338 270	36 510 950	37 000 000	37 500 000	39 733 900	22.87	5.96

## Argentina

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	310	0	0	0	0	-100.00	.
Aluminium	(t)	180 000	170 000	183 700	186 700	190 000	5.56	1.77
Cadmium	(t)	82	40	45	30	28	-65.85	-6.67

Copper	(t)	0	0	30 000	170 273	210 126	.	23.41
Lead	(t)	10 521	11 272	13 700	15 004	14 256	35.50	-4.99
Zinc	(t)	32 104	31 093	33 357	35 560	34 192	6.50	-3.85
Gold	(kg)	837	723	2 500	1 945	3 850	359.98	97.94
Silver	(kg)	47 787	50 399	52 500	56 600	73 788	54.41	30.37
Asbestos	(t)	300	446	0	0	0	-100.00	.
Baryte	(t)	28 907	14 038	14 000	10 000	9 000	-68.87	-10.00
Bentonite	(t)	113 760	134 588	104 880	137 210	152 300	33.88	11.00
Boron	(t)	244 933	342 210	422 556	275 422	302 900	23.67	9.98
Diatomite	(t)	4 928	8 647	9 000	9 500	10 000	102.92	5.26
Feldspar	(t)	36 901	72 539	80 000	82 000	84 000	127.64	2.44
Fluorspar	(t)	5 071	5 666	6 000	12 000	7 000	38.04	-41.67
Gypsum	(t)	590 055	633 121	712 935	550 556	633 100	7.30	14.99
Kaolin	(t)	39 860	64 241	65 000	66 000	67 000	68.09	1.52
Perlite	(t)	20 058	21 547	27 578	21 495	20 000	-0.29	-6.96
Salt	(t)	1 009 297	1 096 321	1 100 000	1 200 000	1 250 000	23.85	4.17
Talc	(t)	12 474	11 777	11 000	10 000	9 500	-23.84	-5.00
Vermiculite	(t)	44	0	0	0	0	-100.00	.
Hard-Coal	(t)	130 000	240 000	240 000	240 000	220 000	69.23	-8.33
Nat.Gas (Mio m3)		20 000	27 300	29 500	30 000	31 000	55.00	3.33
Oil	(t)	37 345 486	40 000 000	44 600 000	45 700 000	41 777 900	11.87	-8.58
Uranium	(t)	68	27	35	35	20	-70.59	-42.86

## Armenia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Molybdenum	(t)	500	670	680	650	800	60.00	23.08
Copper	(t)	7 000	6 951	6 758	9 158	9 611	37.30	4.95
Zinc	(t)	0	557	610	500	871	.	74.20
Gold	(kg)	100	244	850	250	200	100.00	-20.00
Baryte	(t)	500	400	350	320	300	-40.00	-6.25
Bentonite	(t)	80 000	75 000	70 000	65 000	63 000	-21.25	-3.08
Diatomite	(t)	700	400	400	350	320	-54.29	-8.57
Perlite	(t)	5 000	6 000	6 000	10 000	40 000	700.00	300.00
Salt	(t)	26 000	26 400	26 500	24 911	24 000	-7.69	-3.66

## Australia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	90 049 680	92 698 830	100 583 910	96 997 320	95 445 000	5.99	-1.60
Cobalt	(t)	2 400	2 500	2 500	2 000	2 300	-4.17	15.00
Manganese	(t)	1 044 480	1 012 320	1 647 000	1 630 000	1 501 000	43.71	-7.91
Nickel	(t)	102 000	113 000	134 000	130 000	143 000	40.20	10.00

Tantalum-Col.	(t)	275	280	290	300	320	16.36	6.67
Titanium	(t)	1 279 650	1 287 480	1 472 612	1 538 850	1 267 078	-0.98	-17.66
Aluminium	(t)	1 297 000	1 371 000	1 589 000	1 686 000	1 744 000	34.46	3.44
Antimony	(t)	1 700	1 300	1 300	1 800	1 800	5.88	0.00
Bauxite	(t)	42 655 000	43 063 000	44 878 000	46 444 000	50 033 000	17.30	7.73
Cadmium	(t)	950	950	632	585	462	-51.37	-21.03
Copper	(t)	437 000	525 000	580 000	678 000	418 000	-4.35	-38.35
Lead	(t)	455 000	522 000	571 000	662 000	692 000	52.09	4.53
Lithium	(t)	6 240	6 500	6 600	7 000	6 000	-3.85	-14.29
Mercury	(t)	4	4	0	0	0	-100.00	.
Rare Earths	(t)	3 000	2 000	1 000	800	800	-73.33	0.00
Tin	(t)	8 175	8 828	10 100	9 822	9 828	20.22	0.06
Zinc	(t)	930 000	1 071 000	1 038 000	1 142 000	1 265 000	36.02	10.77
Gold	(kg)	253 500	288 880	316 000	302 760	295 930	16.74	-2.26
Platinum	(kg)	500	500	450	430	420	-16.00	-2.33
Silver	(kg)	920 000	1 020 000	1 332 000	1 594 000	1 894 000	105.87	18.82
Baryte	(t)	11 729	12 000	12 500	13 000	13 300	13.39	2.31
Bentonite	(t)	65 000	65 000	60 000	58 000	57 000	-12.31	-1.72
Diam. (Gem)	(c)	16 157 200	16 797 200	17 218 400	14 379 200	11 880 000	-26.47	-17.38
Diam. (Ind)	(c)	24 235 800	25 195 800	25 827 600	21 568 800	17 820 000	-26.47	-17.38
Diatomite	(t)	12 000	11 000	10 000	9 800	9 500	-20.83	-3.06
Feldspar	(t)	23 500	24 000	23 500	23 200	23 000	-2.13	-0.86
Gypsum	(t)	2 100 000	2 100 000	2 000 000	2 200 000	2 200 000	4.76	0.00
Kaolin	(t)	200 000	190 000	170 000	220 000	230 000	15.00	4.55
Magnesite	(t)	261 421	180 083	333 668	360 787	280 505	7.30	-22.25
Perlite	(t)	3 600	3 500	3 400	3 200	3 000	-16.67	-6.25
Phosphate	(t)	800	1 864	1 970	1 855	1 670	108.75	-9.97
Salt	(t)	8 480 000	7 905 000	9 043 000	9 203 000	9 835 000	15.98	6.87
Sulfur	(t)	450 000	400 000	350 000	330 000	300 000	-33.33	-9.09
Talc	(t)	170 000	165 000	160 000	158 000	155 000	-8.82	-1.90
Vermiculite	(t)	2 000	5 000	9 000	12 000	20 000	900.00	66.67
Zircon	(t)	510 000	462 000	427 000	393 000	361 000	-29.22	-8.14
Hard-Coal	(t)	229 500 000	206 000 000	222 000 000	287 970 000	236 560 000	3.08	-17.85
Lignite	(t)	48 100 000	55 000 000	61 000 000	65 820 000	65 780 000	36.76	-0.06
Nat.Gas (Mio m3)		29 718	29 799	30 619	30 681	30 754	3.49	0.24
Oil	(t)	29 383 000	31 579 000	33 947 000	27 898 000	29 594 000	0.72	6.08
Uranium	(t)	4 378	5 831	5 797	5 780	7 061	61.28	22.16

Remarks:

1999 : Diamonds production reduced due to a sharp fall at Rio Tinto/Ashton Mine.

Austria

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	664 455	634 226	574 121	573 440	559 040	-15.86	-2.51
Tungsten	(t)	957	1 805	1 916	1 813	2 015	110.55	11.14
Graphite	(t)	12 019	33 122	12 582	10 738	2 635	-78.08	-75.46
Gypsum	(t)	958 430	996 387	975 738	961 400	999 204	4.25	3.93
Kaolin	(t)	426 553	189 235	266 058	298 110	152 457	-64.26	-48.86

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Magnesite	(t)	783 497	710 620	790 297	722 876	748 635	-4.45	3.56
Salt	(t)	787 392	776 041	704 764	735 468	809 071	2.75	10.01
Sulfur	(t)	10 340	3 122	11 098	10 045	9 468	-8.43	-5.74
Talc	(t)	131 614	152 645	141 984	137 114	129 576	-1.55	-5.50
Lignite	(t)	1 249 299	1 108 058	1 130 339	1 140 151	1 137 388	-8.96	-0.24
Nat.Gas (Mio m3)		1 482	1 492	1 428	1 568	1 741	17.48	11.03
Oil	(t)	1 076 987	1 024 843	1 011 063	1 014 520	1 063 506	-1.25	4.83
Oil-Shale	(t)	498	500	520	432	496	-0.40	14.81

Remarks:

Oil incl.condensate.

## Azerbaijan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	0	0	0	11 000	7 100	.	-35.45
Aluminium	(t)	4 000	6 000	4 717	4 757	12 780	219.50	168.66
Gypsum	(t)	55 000	50 000	45 000	43 000	21 000	-61.82	-51.16
Potash	(t)	50 000	50 000	50 000	45 000	43 000	-14.00	-4.44
Salt	(t)	30 000	25 000	23 000	25 400	29 800	-0.67	17.32
Nat.Gas (Mio m3)		6 644	6 337	5 964	5 963	6 000	-9.69	0.62
Oil	(t)	9 161 300	9 069 687	9 027 000	9 071 400	10 990 000	19.96	21.15

## Bahamas

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Salt	(t)	850 000	800 000	750 000	730 000	720 000	-15.29	-1.37

## Bahrain

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Aluminium	(t)	460 000	460 000	489 900	460 000	430 000	-6.52	-6.52
Sulfur	(t)	41 513	40 000	40 000	41 000	41 500	-0.03	1.22
Nat.Gas (Mio m3)		10 054	5 880	5 800	5 700	5 600	-44.30	-1.75
Oil	(t)	1 971 295	1 900 000	1 800 000	1 966 375	2 000 000	1.46	1.71

## Bangladesh

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Kaolin	(t)	3 300	3 500	3 800	3 700	3 500	6.06	-5.41
Salt	(t)	650 000	620 000	600 000	580 000	250 000	-61.54	-56.90
Nat.Gas (Mio m3)		7 000	7 875	9 000	9 000	11 000	57.14	22.22
Oil	(t)	52 000	68 000	69 000	65 000	61 000	17.31	-6.15

### Remarks:

Crude oil incl. condensate.

## Barbados

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Nat.Gas (Mio m3)		29	29	23	26	27	-6.90	3.85
Oil	(t)	62 000	62 000	53 140	60 000	80 000	29.03	33.33

## Belgium

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Baryte	(t)	25 000	21 000	18 000	15 000	14 301	-42.80	-4.66
Kaolin	(t)	19 000	18 000	15 000	13 000	14 221	-25.15	9.39

## Belorussia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Potash	(t)	4 000 000	4 600 000	4 048 000	4 181 000	3 600 000	-10.00	-13.90
Salt	(t)	285 000	290 000	235 000	290 000	300 000	5.26	3.45
Nat.Gas (Mio m3)		280	249	245	252	300	7.14	19.05
Oil	(t)	2 000 000	1 860 000	1 822 000	1 630 000	1 800 000	-10.00	10.43

## Benin

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Salt	(t)	90	80	70	70	75	-16.67	7.14
Oil	(t)	160 000	155 000	150 000	140 000	135 000	-15.63	-3.57



## Bhutan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	45 000	66 602	67 000	67 000	68 000	51.11	1.49
Hard-Coal	(t)	55 000	63 865	64 000	63 000	62 000	12.73	-1.59

## Bolivia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Tantalum-Col.	(t)	6	6	7	16	9	50.00	-43.75
Tungsten	(t)	826	733	647	627	421	-49.03	-32.85
Antimony	(t)	6 426	6 488	5 985	4 735	2 790	-56.58	-41.08
Arsenic	(t)	362	255	282	284	437	20.72	53.87
Bismuth	(t)	19	0	55	0	0	-100.00	.
Copper	(t)	127	92	182	84	252	98.43	200.00
Lead	(t)	20 387	16 538	18 608	13 848	10 153	-50.20	-26.68
Tin	(t)	14 419	14 802	12 898	11 308	12 417	-13.88	9.81
Zinc	(t)	146 130	145 092	154 491	152 110	146 316	0.13	-3.81
Gold	(kg)	14 405	12 634	13 290	14 443	11 787	-18.17	-18.39
Silver	(kg)	425 053	384 384	387 200	403 961	422 492	-0.60	4.59
Baryte	(t)	4 000	4 745	4 402	2 500	6 005	50.13	140.20
Bentonite	(t)	3 855	98	1 997	1 334	1 400	-63.68	4.95
Boron	(t)	5 400	4 128	6 095	7 026	6 746	24.93	-3.99
Gypsum	(t)	500	192	20	0	72	-85.60	.
Salt	(t)	200	273	869	720	688	244.00	-4.44
Sulfur	(t)	0	0	0	0	7	.	.
Nat.Gas (Mio m3)		3 155	3 220	5 321	6 234	5 881	86.40	-5.66
Oil	(t)	1 616 914	1 720 690	1 902 536	1 800 000	1 692 940	4.70	-5.95

## Bosnia-Herzegovina

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
--	--	------	------	------	------	------	---------------------	---------------------

Remarks:  
No data available.

## Botswana

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Cobalt	(t)	271	405	348	352	329	21.40	-6.53
Nickel	(t)	15 294	17 461	14 996	15 593	15 820	3.44	1.46
Copper	(t)	19 140	20 979	18 350	19 432	18 239	-4.71	-6.14

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Gold	(kg)	86	5	28	0	0	-100.00	.
Diam. (Gem)	(c)	11 761 707	12 436 943	14 070 000	13 841 100	14 943 000	27.05	7.96
Diam. (Ind)	(c)	5 040 731	5 312 119	6 030 000	5 931 900	6 404 400	27.05	7.97
Salt	(t)	208 126	180 000	184 533	214 700	230 000	10.51	7.13
Hard-Coal	(t)	898 383	860 000	776 917	928 100	950 000	5.75	2.36

## Brazil

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	107 880 000	110 780 000	108 286 000	120 060 000	112 520 000	4.30	-6.28
Chromium	(t)	175 667	216 600	112 274	90 000	76 050	-56.71	-15.50
Manganese	(t)	840 000	852 000	849 600	872 000	656 000	-21.90	-24.77
Nickel	(t)	15 676	16 432	18 199	26 350	32 268	105.84	22.46
Tantalum-Col.	(t)	42 968	48 000	45 385	49 470	42 700	-0.62	-13.69
Titanium	(t)	57 113	60 000	54 216	53 000	54 000	-5.45	1.89
Tungsten	(t)	100	100	51	0	0	-100.00	.
Aluminium	(t)	1 180 000	1 200 000	1 189 000	1 210 000	1 250 000	5.93	3.31
Bauxite	(t)	8 673 000	12 260 000	11 671 000	13 500 000	13 500 000	55.66	0.00
Cadmium	(t)	162	150	162	162	165	1.85	1.85
Copper	(t)	49 000	46 200	39 952	33 500	31 200	-36.33	-6.87
Lead	(t)	6 000	5 000	8 729	7 600	9 000	50.00	18.42
Lithium	(t)	32	32	30	25	24	-25.00	-4.00
Rare Earths	(t)	400	200	400	400	350	-12.50	-12.50
Tin	(t)	20 767	23 178	18 291	14 607	13 200	-36.44	-9.63
Zinc	(t)	193 976	177 466	152 634	140 000	96 500	-50.25	-31.07
Gold	(kg)	63 299	57 000	58 488	49 000	43 000	-32.07	-12.24
Silver	(kg)	49 775	50 000	26 598	25 000	24 000	-51.78	-4.00
Asbestos	(t)	208 700	213 210	208 447	198 300	188 400	-9.73	-4.99
Baryte	(t)	45 000	40 000	51 961	52 000	52 500	16.67	0.96
Bentonite	(t)	155 000	150 000	224 055	230 000	240 000	54.84	4.35
Diam. (Gem)	(c)	104 500	98 000	70 000	63 000	56 000	-46.41	-11.11
Diam. (Ind)	(c)	45 000	42 000	30 000	27 000	24 000	-46.67	-11.11
Diatomite	(t)	14 049	14 000	13 500	13 000	12 500	-11.03	-3.85
Feldspar	(t)	145 000	145 000	135 000	130 000	125 000	-13.79	-3.85
Fluorspar	(t)	81 000	77 700	78 399	65 000	60 000	-25.93	-7.69
Graphite	(t)	37 000	32 000	31 190	30 000	29 000	-21.62	-3.33
Gypsum	(t)	789 000	1 200 000	1 395 664	1 220 000	1 530 000	93.92	25.41
Kaolin	(t)	1 000 000	1 110 000	1 280 000	1 380 000	1 520 000	52.00	10.14
Magnesite	(t)	282 000	302 700	294 629	292 000	208 800	-25.96	-28.49
Phosphate	(t)	1 220 600	1 298 800	1 510 000	1 502 800	1 462 000	19.78	-2.71
Potash	(t)	215 411	235 000	280 164	326 000	348 200	61.64	6.81
Salt	(t)	6 100 000	5 500 000	6 516 000	7 000 000	7 100 000	16.39	1.43
Sulfur	(t)	256 755	230 000	234 707	460 000	480 000	86.95	4.35
Talc	(t)	440 000	470 000	452 000	450 000	430 000	-2.27	-4.44
Vermiculite	(t)	46 000	42 000	23 000	20 500	40 000	-13.04	95.12
Zircon	(t)	15 000	17 000	16 000	15 000	14 000	-6.67	-6.67

Hard-Coal	(t)	5 510 000	5 400 000	5 600 000	5 560 000	5 720 000	3.81	2.88
Nat.Gas (Mio m3)		8 115	9 182	9 847	10 833	13 191	62.55	21.77
Oil	(t)	40 880 000	51 600 000	56 000 000	56 596 000	64 614 000	58.06	14.17
Uranium	(t)	103	147	0	0	0	-100.00	.

## Brunei

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Nat.Gas (Mio m3)		11 150	12 000	9 400	9 400	9 000	-19.28	-4.26
Oil	(t)	8 731 541	9 400 000	9 900 000	9 800 000	7 887 650	-9.66	-19.51

## Bulgaria

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	215 945	222 424	260 550	185 039	361 200	67.26	95.20
Manganese	(t)	5 600	13 059	14 215	16 679	17 000	203.57	1.92
Cadmium	(t)	305	350	275	264	260	-14.75	-1.52
Copper	(t)	90 000	105 610	109 240	87 500	111 730	24.14	27.69
Lead	(t)	46 466	43 000	41 269	34 595	37 000	-20.37	6.95
Zinc	(t)	30 000	25 745	25 700	16 000	19 675	-34.42	22.97
Gold	(kg)	828	649	1 020	1 213	1 033	24.76	-14.84
Silver	(kg)	47 972	48 732	31 548	23 700	20 000	-58.31	-15.61
Asbestos	(t)	900	1 000	800	672	650	-27.78	-3.27
Baryte	(t)	66 633	30 357	92 710	120 000	130 000	95.10	8.33
Gypsum	(t)	162 595	168 948	156 263	183 929	148 700	-8.55	-19.15
Kaolin	(t)	168 455	188 795	158 185	151 451	150 000	-10.96	-0.96
Salt	(t)	110 000	100 000	85 000	73 742	70 000	-36.36	-5.07
Sulfur	(t)	25 301	26 624	25 033	21 535	20 000	-20.95	-7.13
Hard-Coal	(t)	24 471	18 805	14 198	13 192	17 200	-29.71	30.38
Lignite	(t)	27 448 896	28 103 868	26 929 000	27 116 947	22 586 182	-17.72	-16.71
Nat.Gas (Mio m3)		43	42	38	13	26	-39.53	100.00
Oil	(t)	27 346	33 900	27 750	29 103	32 700	19.58	12.36

## Burkina Faso

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	1 422	1 012	1 450	1 500	886	-37.69	-40.93
Phosphate	(t)	250	250	200	180	170	-32.00	-5.56

## Burundi

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	35	35	33	30	28	-20.00	-6.67
Kaolin	(t)	4 000	4 000	3 500	3 200	3 000	-25.00	-6.25

## Cambodia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Phosphate	(t)	1 200	1 000	1 000	1 000	10 000	733.33	900.00
Salt	(t)	38 000	35 000	36 000	40 000	50 000	31.58	25.00

## Cameroon

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Aluminium	(t)	79 300	82 300	90 900	82 000	100 000	26.10	21.95
Oil	(t)	4 329 156	4 300 000	4 100 000	3 800 000	3 339 750	-22.85	-12.11

## Canada

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	22 343 080	21 965 400	22 744 000	23 774 000	20 132 000	-9.90	-15.32
Cobalt	(t)	2 016	2 190	2 200	2 324	2 015	-0.05	-13.30
Molybdenum	(t)	9 113	8 169	7 540	7 563	6 293	-30.94	-16.79
Nickel	(t)	119 600	127 439	180 600	200 908	177 229	48.18	-11.79
Tantalum-Col.	(t)	5 700	5 000	4 500	2 200	2 250	-60.53	2.27
Titanium	(t)	750 000	700 000	650 000	630 000	620 000	-17.33	-1.59
Aluminium	(t)	2 171 992	2 283 000	2 327 200	2 374 100	2 389 000	9.99	0.63
Antimony	(t)	574	1 405	652	554	475	-17.25	-14.26
Bismuth	(t)	159	157	185	217	264	66.04	21.66
Cadmium	(t)	1 686	2 537	2 384	1 323	1 212	-28.11	-8.39
Copper	(t)	700 843	559 902	646 500	688 576	580 036	-17.24	-15.76
Lead	(t)	281 391	246 000	170 400	151 708	156 102	-44.52	2.90
Lithium	(t)	400	660	690	700	720	80.00	2.86
Tellurium	(t)	91	62	60	57	67	-26.37	17.54
Zinc	(t)	720 346	717 675	1 017 100	1 064 500	960 099	33.28	-9.81
Gold	(kg)	150 867	164 136	169 050	166 089	157 790	4.59	-5.00
Platinum	(kg)	10 068	14 983	13 009	14 522	14 012	39.17	-3.51
Silver	(kg)	1 228 000	1 305 000	1 213 000	1 115 000	1 173 000	-4.48	5.20

Asbestos	(t)	516 000	483 000	447 000	309 000	345 000	-33.14	11.65
Baryte	(t)	61 000	57 000	98 000	80 000	70 000	14.75	-12.50
Diatomite	(t)	5 000	4 500	4 000	3 500	3 300	-34.00	-5.71
Graphite	(t)	20 000	20 000	22 000	22 000	21 000	5.00	-4.55
Gypsum	(t)	8 055 000	8 468 000	8 502 600	8 095 000	8 935 000	10.92	10.38
Magnesite	(t)	200 000	200 000	150 000	200 000	200 000	0.00	0.00
Potash	(t)	8 855 000	8 050 000	9 301 000	8 969 000	8 345 000	-5.76	-6.96
Salt	(t)	10 957 000	12 126 000	13 264 300	13 192 000	12 643 000	15.39	-4.16
Sulfur	(t)	9 014 000	8 131 000	8 502 600	8 410 000	9 638 000	6.92	14.60
Talc	(t)	75 000	75 000	70 000	74 000	77 000	2.67	4.05
Hard-Coal	(t)	63 123 648	66 000 000	68 470 000	63 590 000	62 310 000	-1.29	-2.01
Lignite	(t)	10 968 897	10 838 575	11 652 553	11 790 000	10 000 000	-8.83	-15.18
Nat.Gas (Mio m3)		148 203	152 985	156 842	161 000	163 384	10.24	1.48
Oil	(t)	114 372 000	116 832 000	122 463 700	128 769 000	122 448 000	7.06	-4.91
Uranium	(t)	10 238	11 723	11 416	11 773	11 665	13.94	-0.92

### Cape Verde

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Salt	(t)	1 100	1 000	1 000	900	850	-22.73	-5.56

### Central African Rep.

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	100	120	190	100	90	-10.00	-10.00
Diam. (Gem)	(c)	450 500	467 500	425 000	425 000	382 500	-15.09	-10.00
Diam. (Ind)	(c)	79 500	82 500	75 000	75 000	67 500	-15.09	-10.00

### Chile

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	5 142 300	5 539 471	5 330 180	5 681 224	5 215 000	1.41	-8.21
Manganese	(t)	20 188	18 866	19 102	14 345	12 152	-39.81	-15.29
Molybdenum	(t)	17 885	17 414	21 339	25 297	27 309	52.69	7.95
Arsenic	(t)	6 000	6 500	9 000	11 355	12 000	100.00	5.68
Copper	(t)	2 504 000	3 144 200	3 438 000	3 763 994	4 382 600	75.02	16.43
Lead	(t)	944	1 374	1 264	337	608	-35.59	80.42
Lithium	(t)	4 220	5 733	9 803	11 473	12 222	189.62	6.53
Zinc	(t)	16 993	17 282	16 005	15 943	15 486	-8.87	-2.87
Gold	(kg)	44 585	53 174	49 459	44 980	48 069	7.81	6.87
Silver	(kg)	1 041 097	1 147 000	1 191 311	1 340 199	1 380 711	32.62	3.02

Baryte	(t)	3 080	2 559	2 654	1 430	823	-73.28	-42.45
Bentonite	(t)	684	1 191	717	721	1 104	61.40	53.12
Boron	(t)	80 000	90 000	170 605	280 140	324 691	305.86	15.90
Diatomite	(t)	11 451	11 592	11 825	14 868	14 477	26.43	-2.63
Feldspar	(t)	7 293	3 702	3 808	1 460	1 346	-81.54	-7.81
Gypsum	(t)	464 060	520 089	398 354	780 676	886 294	90.99	13.53
Kaolin	(t)	10 845	13 452	14 238	11 530	4 361	-59.79	-62.18
Phosphate	(t)	2 500	2 000	1 800	3 917	2 167	-13.32	-44.68
Potash	(t)	65 000	112 770	148 050	151 200	115 000	76.92	-23.94
Salt	(t)	3 494 451	4 042 796	5 488 135	6 207 266	6 800 000	94.59	9.55
Sulfur	(t)	2 488	0	0	0	0	-100.00	.
Talc	(t)	4 107	4 276	3 986	3 772	2 231	-45.68	-40.85
Hard-Coal	(t)	1 484 870	1 444 100	1 413 000	1 250 000	1 015 208	-31.63	-18.78
Nat.Gas (Mio m <sup>3</sup> )		3 783	3 632	3 211	3 218	2 957	-21.83	-8.11
Oil	(t)	605 100	532 700	489 043	468 693	367 846	-39.21	-21.52

## China

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	79 680 000	80 000 000	79 680 000	67 200 000	67 200 000	-15.66	0.00
Chromium	(t)	80 000	80 000	75 000	70 000	65 000	-18.75	-7.14
Cobalt	(t)	250	400	450	600	800	220.00	33.33
Manganese	(t)	1 180 000	1 000 000	1 200 000	2 000 000	2 400 000	103.39	20.00
Molybdenum	(t)	17 500	18 000	35 000	37 000	34 000	94.29	-8.11
Nickel	(t)	36 000	43 000	39 900	48 100	44 000	22.22	-8.52
Titanium	(t)	80 000	80 000	100 000	110 000	150 000	87.50	36.36
Tungsten	(t)	20 000	26 000	25 000	24 000	20 000	0.00	-16.67
Vanadium	(t)	5 000	5 500	7 000	7 500	7 800	56.00	4.00
Aluminium	(t)	1 870 000	1 780 000	2 050 000	2 435 300	1 620 000	-13.37	-33.48
Antimony	(t)	91 000	99 000	101 000	80 000	83 000	-8.79	3.75
Arsenic	(t)	13 000	13 000	15 000	17 000	17 500	34.62	2.94
Bauxite	(t)	4 500 000	5 500 000	8 000 000	8 500 000	9 000 000	100.00	5.88
Bismuth	(t)	400	500	600	650	2 000	400.00	207.69
Cadmium	(t)	1 296	1 567	1 800	1 900	1 982	52.93	4.32
Copper	(t)	350 000	400 000	435 000	476 000	480 000	37.14	0.84
Gallium	(t)	2	2	5	6	7	250.00	16.67
Germanium	(t)	8	8	9	10	11	37.50	10.00
Lead	(t)	519 800	643 100	711 900	757 000	859 000	65.26	13.47
Lithium	(t)	900	800	750	730	710	-21.11	-2.74
Mercury	(t)	547	510	830	410	196	-64.17	-52.20
Rare Earths	(t)	30 000	55 000	53 300	50 000	70 000	133.33	40.00
Tin	(t)	61 900	69 600	67 500	70 000	92 000	48.63	31.43
Zinc	(t)	1 077 000	1 119 000	1 209 900	1 209 800	950 000	-11.79	-21.47
Gold	(kg)	160 000	145 000	156 800	161 000	156 000	-2.50	-3.11
Silver	(kg)	918 000	918 000	918 000	1 350 000	1 375 000	49.78	1.85
Asbestos	(t)	263 000	293 000	245 000	250 000	300 000	14.07	20.00
Baryte	(t)	1 500 000	2 500 000	3 500 000	3 200 000	3 200 000	113.33	0.00
Boron	(t)	40 000	40 000	60 000	65 000	70 000	75.00	7.69

Diam. (Gem)	(c)	50 000	18 000	35 800	36 000	34 000	-32.00	-5.56
Diam. (Ind)	(c)	200 000	72 000	143 200	144 000	136 000	-32.00	-5.56
Fluorspar	(t)	2 000 000	2 000 000	2 400 000	2 550 000	2 550 000	27.50	0.00
Graphite	(t)	320 000	350 000	250 000	300 000	250 000	-21.88	-16.67
Gypsum	(t)	7 340 000	7 500 000	7 300 000	7 900 000	8 100 000	10.35	2.53
Kaolin	(t)	900 000	950 000	970 000	1 000 000	1 300 000	44.44	30.00
Magnesite	(t)	1 500 000	2 200 000	2 400 000	2 400 000	2 200 000	46.67	-8.33
Phosphate	(t)	26 800 000	31 040 200	30 365 000	30 980 000	30 754 000	14.75	-0.73
Potash	(t)	90 000	80 000	100 000	150 000	195 000	116.67	30.00
Salt	(t)	24 900 000	28 990 000	29 280 600	22 420 000	28 120 000	12.93	25.42
Sulfur	(t)	5 400 000	5 470 000	6 000 000	6 000 000	5 000 000	-7.41	-16.67
Talc	(t)	2 400 000	2 500 000	2 350 000	3 400 000	3 500 000	45.83	2.94
Zircon	(t)	15 000	15 000	15 000	13 000	12 000	-20.00	-7.69
Hard-Coal	(t)	1 360 000 000	1 400 000 000	1 360 000 000	1 285 500 000	1 050 000 000	-22.79	-18.32
Lignite	(t)	44 600 000	45 000 000	30 000 000	50 000 000	45 000 000	0.90	-10.00
Nat.Gas (Mio m3)		18 000	19 000	24 000	23 000	25 100	39.44	9.13
Oil	(t)	149 000 000	156 000 000	162 000 000	162 600 000	160 600 000	7.79	-1.23
Uranium	(t)	780	590	590	590	590	-24.36	0.00

### Christmas Island

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Phosphate	(t)	100 000	163 200	164 000	207 120	218 560	118.56	5.52

### Colombia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	350 000	382 632	442 474	315 714	352 720	0.78	11.72
Manganese	(t)	150	140	130	120	0	-100.00	-100.00
Nickel	(t)	24 567	21 092	24 774	28 140	28 342	15.37	0.72
Bauxite	(t)	2 000	2 000	1 500	1 000	1 000	-50.00	0.00
Copper	(t)	3 500	3 000	2 520	2 693	3 173	-9.34	17.82
Lead	(t)	200	200	200	514	514	157.00	0.00
Gold	(kg)	22 436	22 064	19 111	18 811	34 599	54.21	83.93
Platinum	(kg)	1 025	669	413	411	488	-52.39	18.73
Silver	(kg)	5 348	5 691	3 566	5 218	7 594	42.00	45.53
Asbestos	(t)	12 000	11 000	13 670	14 000	14 200	18.33	1.43
Baryte	(t)	6 000	6 800	1 000	1 500	1 600	-73.33	6.67
Bentonite	(t)	3 000	2 500	8 640	9 000	9 000	200.00	0.00
Feldspar	(t)	58 100	78 093	66 845	68 000	69 000	18.76	1.47
Fluorspar	(t)	800	700	1 000	900	950	18.75	5.56
Gypsum	(t)	450 000	522 236	565 000	700 000	750 000	66.67	7.14
Kaolin	(t)	1 000 000	900 000	800 000	700 000	680 000	-32.00	-2.86
Magnesite	(t)	10 000	9 000	8 500	7 500	7 300	-27.00	-2.67
Phosphate	(t)	9 000	14 200	13 000	15 000	15 500	72.22	3.33

Salt	(t)	200 000	320 000	373 000	496 103	461 366	130.68	-7.00
Sulfur	(t)	60 000	49 400	53 541	55 000	55 500	-7.50	0.91
Talc	(t)	18 000	14 800	15 000	15 500	15 700	-12.78	1.29
Hard-Coal	(t)	26 020 000	30 065 000	32 592 000	34 000 000	32 754 000	25.88	-3.66
Nat.Gas (Mio m3)		4 500	4 800	5 800	6 000	5 140	14.22	-14.33
Oil	(t)	31 587 188	32 596 919	34 700 000	38 654 660	42 551 700	34.71	10.08

### Congo

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Oil	(t)	8 971 262	10 536 017	11 000 000	12 000 000	12 519 500	39.55	4.33

### Congo D.R.

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Cobalt	(t)	0	0	0	0	3 900	.	.
Tantalum-Col.	(t)	0	0	0	0	6	.	.
Copper	(t)	0	0	0	0	33 000	.	.
Rare Earths	(t)	0	0	0	0	2	.	.
Zinc	(t)	0	0	0	0	1 200	.	.
Gold	(kg)	0	0	0	0	207	.	.
Diam. (Gem)	(c)	0	0	0	0	4 400 000	.	.
Diam. (Ind)	(c)	0	0	0	0	17 600 000	.	.
Sulfur	(t)	0	0	0	0	4 500	.	.
Oil	(t)	0	0	0	0	1 310 350	.	.

### Costa Rica

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	464	712	733	635	380	-18.10	-40.16
Diatomite	(t)	11 500	11 500	11 000	10 500	10 300	-10.43	-1.90
Salt	(t)	25 000	25 000	20 000	18 000	17 000	-32.00	-5.56

### Cote d'Ivoire

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	1 940	1 883	1 419	1 400	2 030	4.64	45.00
Diam. (Gem)	(c)	12 000	11 200	16 000	14 400	12 000	0.00	-16.67
Diam. (Ind)	(c)	3 000	2 800	4 000	3 600	3 000	0.00	-16.67

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen



## Croatia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Bauxite	(t)	11 700	7 000	8 000	5 000	6 800	-41.88	36.00
Bentonite	(t)	10 300	8 400	4 600	3 500	5 200	-49.51	48.57
Gypsum	(t)	110 000	87 000	80 000	105 000	167 000	51.82	59.05
Salt	(t)	22 800	17 500	16 600	24 000	18 673	-18.10	-22.20
Hard-Coal	(t)	75 000	64 000	48 500	51 000	14 600	-80.53	-71.37
Lignite	(t)	7 000	2 000	0	0	0	-100.00	.
Nat.Gas (Mio m3)		1 966	1 957	1 717	1 573	1 675	-14.80	6.48
Oil	(t)	1 500 271	1 600 000	1 496 000	1 389 408	1 186 923	-20.89	-14.57

## Cuba

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Chromium	(t)	10 131	12 309	14 553	17 000	18 000	77.67	5.88
Cobalt	(t)	2 045	1 600	1 950	2 000	2 200	7.58	10.00
Nickel	(t)	42 696	53 700	61 500	67 700	68 000	59.27	0.44
Copper	(t)	1 852	2 227	2 212	1 000	1 100	-40.60	10.00
Gold	(kg)	0	0	0	300	600	.	100.00
Feldspar	(t)	9 300	12 100	14 700	16 000	16 500	77.42	3.13
Kaolin	(t)	5 200	5 500	11 500	13 000	13 500	159.62	3.85
Salt	(t)	154 500	159 800	166 300	175 000	177 000	14.56	1.14
Nat.Gas (Mio m3)		17	19	37	40	41	141.18	2.50
Oil	(t)	1 470 800	1 475 900	1 461 500	1 747 310	1 408 900	-4.21	-19.37

## Cyprus

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Copper	(t)	0	1 688	3 950	5 000	5 004	.	0.08
Bentonite	(t)	51 234	66 200	98 700	170 000	140 182	173.61	-17.54
Gypsum	(t)	148 275	94 000	236 200	350 000	181 446	22.37	-48.16

## Czech Republic

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Bentonite	(t)	54 000	59 000	83 000	125 000	160 000	196.30	28.00
Diatomite	(t)	29 000	35 000	39 000	18 000	37 000	27.59	105.56
Feldspar	(t)	183 000	211 000	220 400	199 000	244 000	33.33	22.61

Graphite	(t)	27 000	30 000	26 200	24 000	22 000	-18.52	-8.33
Gypsum	(t)	542 000	443 000	233 000	258 000	136 000	-74.91	-47.29
Kaolin	(t)	546 000	545 610	773 495	587 730	518 300	-5.07	-11.81
Hard-Coal	(t)	21 309 000	16 394 000	16 038 000	15 863 000	14 419 000	-32.33	-9.10
Lignite	(t)	58 773 000	56 366 000	53 825 000	48 619 000	41 524 000	-29.35	-14.59
Nat.Gas (Mio m3)		165	251	229	240	227	37.58	-5.42
Oil	(t)	149 000	152 800	159 000	180 000	176 000	18.12	-2.22
Uranium	(t)	721	716	140	150	152	-78.92	1.33

## DPR Korea

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	4 000 000	3 800 000	3 700 000	3 500 000	3 300 000	-17.50	-5.71
Tungsten	(t)	600	500	450	400	350	-41.67	-12.50
Cadmium	(t)	200	150	204	204	210	5.00	2.94
Copper	(t)	12 000	10 000	12 000	12 000	13 000	8.33	8.33
Lead	(t)	35 000	35 000	30 000	25 000	20 000	-42.86	-20.00
Rare Earths	(t)	1 000	900	800	700	600	-40.00	-14.29
Zinc	(t)	90 000	80 000	60 000	48 000	45 000	-50.00	-6.25
Gold	(kg)	4 000	4 000	3 800	3 500	3 200	-20.00	-8.57
Silver	(kg)	200 000	180 000	200 400	200 400	220 000	10.00	9.78
Baryte	(t)	30 000	50 000	60 000	100 000	120 000	300.00	20.00
Fluorspar	(t)	40 000	35 000	33 000	30 000	28 000	-30.00	-6.67
Graphite	(t)	30 000	30 000	30 000	28 000	25 000	-16.67	-10.71
Magnesite	(t)	1 500 000	1 600 000	1 700 000	800 000	800 000	-46.67	0.00
Phosphate	(t)	130 000	200 000	220 000	155 000	140 000	7.69	-9.68
Salt	(t)	500 000	480 000	460 000	450 000	430 000	-14.00	-4.44
Sulfur	(t)	150 000	140 000	130 000	120 000	110 000	-26.67	-8.33
Talc	(t)	100 000	110 000	120 000	100 000	90 000	-10.00	-10.00
Hard-Coal	(t)	40 000 000	43 300 000	60 000 000	70 000 000	90 000 000	125.00	28.57
Lignite	(t)	10 000 000	13 000 000	16 000 000	15 000 000	20 000 000	100.00	33.33

## Denmark

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Salt	(t)	579 324	590 000	540 000	455 295	548 000	-5.41	20.36
Nat.Gas (Mio m3)		6 321	5 710	7 000	6 630	7 800	23.40	17.65
Oil	(t)	10 788 432	10 290 000	13 400 000	13 830 000	14 900 000	38.11	7.74

## Dominican Republic

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Nickel	(t)	30 890	30 387	32 500	25 200	25 000	-19.07	-0.79
Gold	(kg)	3 340	3 717	2 390	1 450	660	-80.24	-54.48
Silver	(kg)	21 402	17 292	12 400	7 530	3 190	-85.09	-57.64
Gypsum	(t)	95 168	86 848	86 000	87 000	88 000	-7.53	1.15
Salt	(t)	10 000	10 000	9 000	8 500	8 300	-17.00	-2.35

### Remarks:

Nickel refers to Ni content in FeNi.

## Dubai (UAE)

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Aluminium	(t)	247 000	135 000	250 000	250 000	250 000	1.21	0.00
Nat.Gas	(Mio m3)	3 000	2 500	2 500	2 400	2 000	-33.33	-16.67
Oil	(t)	16 169 135	18 383 800	18 350 000	18 587 625	15 673 000	-3.07	-15.68

## Ecuador

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	1 011	1 200	3 068	1 727	1 600	58.26	-7.35
Baryte	(t)	2 500	2 000	1 800	1 700	1 650	-34.00	-2.94
Bentonite	(t)	511	432	205	200	190	-62.82	-5.00
Feldspar	(t)	10 297	10 321	60 328	21 265	20 000	94.23	-5.95
Gypsum	(t)	2 430	2 038	1 510	2 378	3 000	23.46	26.16
Kaolin	(t)	4 505	8 654	7 346	7 000	8 000	77.58	14.29
Sulfur	(t)	13 500	13 000	12 500	12 000	11 500	-14.81	-4.17
Nat.Gas	(Mio m3)	3 000	3 200	3 500	3 000	3 320	10.67	10.67
Oil	(t)	20 081 023	20 100 000	19 300 000	19 300 000	15 647 550	-22.08	-18.92

## Egypt

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	1 094 944	1 000 000	1 233 000	1 350 639	1 500 000	36.99	11.06
Manganese	(t)	1 207	1 300	1 500	1 600	1 800	49.13	12.50
Titanium	(t)	9 329	1 300	18 000	20 410	22 000	135.82	7.79

Aluminium	(t)	180 300	179 200	178 200	187 200	190 000	5.38	1.50
Asbestos	(t)	391	427	1 836	2 000	2 100	437.08	5.00
Baryte	(t)	535	550	0	0	0	-100.00	.
Bentonite	(t)	4 423	4 500	1 136	1 545	1 500	-66.09	-2.91
Feldspar	(t)	36 342	75 049	53 783	32 565	31 000	-14.70	-4.81
Fluorspar	(t)	321	300	280	140	120	-62.62	-14.29
Gypsum	(t)	2 031 836	2 500 000	2 030 000	2 423 188	2 000 000	-1.57	-17.46
Kaolin	(t)	233 097	293 381	258 725	285 497	260 000	11.54	-8.93
Phosphate	(t)	266 144	250 000	364 650	269 989	259 590	-2.46	-3.85
Salt	(t)	1 849 145	2 000 000	1 530 000	2 487 645	2 600 000	40.61	4.52
Sulfur	(t)	7 000	7 000	6 500	6 300	6 000	-14.29	-4.76
Talc	(t)	3 700	3 500	3 200	3 972	4 200	13.51	5.74
Vermiculite	(t)	772	483	447	420	400	-48.19	-4.76
Hard-Coal	(t)	1 207	1 000	1 200	1 400	1 500	24.28	7.14
Nat.Gas (Mio m3)		12 500	12 800	14 000	14 200	14 100	12.80	-0.70
Oil	(t)	47 672 869	46 900 000	46 400 000	43 900 000	40 160 950	-15.76	-8.52

### El Salvador

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Salt	(t)	21 500	21 500	21 000	20 500	20 300	-5.58	-0.98

Remarks:  
Marine salt only.

### Equatorial Guinea

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Oil	(t)	210 000	208 000	205 000	203 000	150 000	-28.57	-26.11

### Eritrea

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	59	60	44	573	530	798.31	-7.50
Gypsum	(t)	20	25	29	564	960	4700.00	70.21
Kaolin	(t)	1 328	1 000	1 946	1 587	1 256	-5.42	-20.86
Salt	(t)	254 700	300 000	252 076	114 136	100 000	-60.74	-12.39

Remarks:  
Gold artisanal production.

## Estonia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Oil-Shale	(t)	13 500 000	14 000 000	14 382 723	12 464 000	11 980 000	-11.26	-3.88

## Ethiopia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Tantalum-Col.	(t)	35	53	60	50	65	85.71	30.00
Gold	(kg)	3 160	3 300	3 500	3 712	2 330	-26.27	-37.23
Diatomite	(t)	1 500	1 300	1 000	700	600	-60.00	-14.29
Gypsum	(t)	40 000	40 000	35 000	33 000	37 798	-5.51	14.54
Kaolin	(t)	701	1 438	3 512	2 400	1 654	135.95	-31.08
Salt	(t)	150 000	150 000	100 000	90 000	85 000	-43.33	-5.56

### Remarks:

Fiscal year July to June next.

## Fiji

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	3 511	4 554	4 671	3 158	3 000	-14.55	-5.00
Silver	(kg)	2 095	2 003	2 653	1 787	1 500	-28.40	-16.06

## Finland

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Chromium	(t)	298 837	291 087	350 648	249 000	247 149	-17.30	-0.74
Nickel	(t)	3 548	3 078	3 043	1 789	1 021	-71.22	-42.93
Cadmium	(t)	535	648	490	520	700	30.84	34.62
Copper	(t)	9 065	9 055	8 259	9 217	10 517	16.02	14.10
Mercury	(t)	90	88	63	54	55	-38.89	1.85
Zinc	(t)	18 454	28 264	34 287	32 879	19 751	7.03	-39.93
Gold	(kg)	1 301	1 673	4 775	4 980	3 159	142.81	-36.57
Silver	(kg)	10 509	34 794	32 200	29 700	31 000	194.99	4.38
Feldspar	(t)	42 100	42 100	40 000	42 740	42 434	0.79	-0.72
Phosphate	(t)	671 242	667 196	689 053	700 000	734 068	9.36	4.87
Sulfur	(t)	422 212	440 037	374 736	389 920	415 802	-1.52	6.64
Talc	(t)	453 031	418 592	437 066	498 152	508 770	12.30	2.13

## France

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	432 000	422 000	145 300	0	0	-100.00	.
Aluminium	(t)	372 200	386 000	399 300	423 600	694 000	86.46	63.83
Bauxite	(t)	75 000	81 000	80 000	80 000	75 000	0.00	-6.25
Cadmium	(t)	670	650	975	223	200	-70.15	-10.31
Copper	(t)	172	170	196	0	0	-100.00	.
Gold	(kg)	4 615	4 590	4 350	3 800	3 000	-34.99	-21.05
Silver	(kg)	1 167	1 550	1 770	1 000	800	-31.45	-20.00
Baryte	(t)	75 450	81 200	77 000	75 000	73 000	-3.25	-2.67
Diatomite	(t)	80 000	80 000	80 000	75 000	73 000	-8.75	-2.67
Feldspar	(t)	632 000	546 000	621 000	650 000	670 000	6.01	3.08
Fluorspar	(t)	130 000	110 800	106 600	110 000	100 000	-23.08	-9.09
Gypsum	(t)	4 800 000	4 550 000	4 500 000	4 300 000	4 200 000	-12.50	-2.33
Kaolin	(t)	345 000	326 000	332 000	330 000	320 000	-7.25	-3.03
Potash	(t)	896 000	812 000	780 000	450 000	350 000	-60.94	-22.22
Salt	(t)	7 540 000	7 074 000	8 112 000	5 900 000	5 900 000	-21.75	0.00
Sulfur	(t)	1 065 000	989 700	960 000	820 000	800 000	-24.88	-2.44
Talc	(t)	322 000	322 300	335 000	360 000	370 000	14.91	2.78
Hard-Coal	(t)	8 210 000	7 312 000	6 120 000	5 300 000	5 100 000	-37.88	-3.77
Lignite	(t)	1 400 000	798 000	690 000	800 000	600 000	-57.14	-25.00
Nat.Gas (Mio m3)		3 300	2 800	2 700	1 800	1 600	-51.52	-11.11
Oil	(t)	2 830 000	2 107 000	1 780 000	1 700 000	1 500 000	-47.00	-11.76
Oil-Shale	(t)	32 300	28 500	22 000	20 000	18 000	-44.27	-10.00
Uranium	(t)	857	841	579	554	495	-42.24	-10.65

### Remarks:

Bauxit recoverd from old mines.

1997 : Last iron ore mine was closed.

## French Guiana

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	2 480	2 850	3 000	3 100	3 200	29.03	3.23

## Gabon

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Manganese	(t)	1 014 000	1 031 116	988 000	990 080	1 087 840	7.28	9.87
Gold	(kg)	100	100	90	80	70	-30.00	-12.50
Nat.Gas (Mio m3)		76	80	85	83	100	31.58	20.48
Oil	(t)	18 777 060	18 600 000	18 600 000	17 600 000	17 800 000	-5.20	1.14
Uranium	(t)	640	565	472	861	862	34.69	0.12

## Georgia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Manganese	(t)	200 000	97 000	35 112	16 000	14 200	-92.90	-11.25
Copper	(t)	205	342	684	855	699	240.98	-18.25
Lead	(t)	600	500	400	0	0	-100.00	.
Zinc	(t)	1 800	2 000	2 400	1 000	900	-50.00	-10.00
Gold	(kg)	1 000	800	700	800	1 190	19.00	48.75
Hard-Coal	(t)	50 000	50 000	4 600	14 700	12 000	-76.00	-18.37
Nat.Gas (Mio m3)		10	6	6	0	0	-100.00	.
Oil	(t)	85 000	128 000	143 000	100 000	90 000	5.88	-10.00

## Germany, Federal Rep.

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	9 600	14 600	32 046	84 680	86 120	797.08	1.70
Aluminium	(t)	575 000	576 492	571 940	612 380	633 803	10.23	3.50
Bauxite	(t)	0	0	0	270	306	.	13.33
Baryte	(t)	122 268	121 476	118 698	123 272	118 489	-3.09	-3.88
Bentonite	(t)	529 446	491 346	511 190	508 738	476 580	-9.99	-6.32
Feldspar	(t)	329 624	359 666	425 529	469 928	500 946	51.97	6.60
Fluorspar	(t)	39 081	32 448	23 868	30 641	28 260	-27.69	-7.77
Graphite	(t)	1 034	2 603	1 030	1 200	3 891	276.31	224.25
Gypsum	(t)	2 828 710	2 585 383	2 482 720	2 499 169	3 032 115	7.19	21.32
Kaolin	(t)	1 924 769	1 794 352	1 794 501	3 360 563	3 542 945	84.07	5.43
Potash	(t)	3 278 363	3 331 790	3 420 601	3 580 350	3 543 360	8.08	-1.03
Salt	(t)	14 607 210	15 943 040	15 656 728	14 139 000	16 703 000	14.35	18.13
Sulfur	(t)	1 003 468	1 000 689	1 085 306	1 089 771	1 134 934	13.10	4.14
Talc	(t)	14 170	10 005	8 819	15 473	14 263	0.66	-7.82
Hard-Coal	(t)	53 563 599	48 196 510	46 789 987	41 639 952	39 531 000	-26.20	-5.06
Lignite	(t)	192 753 226	187 179 239	177 159 767	166 035 061	161 282 000	-16.33	-2.86
Nat.Gas (Mio m3)		21 452	23 059	21 122	20 420	23 531	9.69	15.24
Oil	(t)	2 958 794	2 848 341	2 820 780	2 884 110	2 740 000	-7.39	-5.00
Oil-Shale	(t)	347 681	293 758	354 262	330 886	346 815	-0.25	4.81
Uranium	(t)	35	39	27	35	39	11.43	11.43

## Ghana

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Manganese	(t)	74 760	106 576	132 977	153 669	244 600	227.18	59.17
Aluminium	(t)	135 400	137 000	151 600	56 100	55 000	-59.38	-1.96
Bauxite	(t)	513 000	473 000	519 000	341 121	355 263	-30.75	4.15

Gold	(kg)	53 881	50 079	54 446	74 315	81 496	51.25	9.66
Silver	(kg)	1 000	1 000	900	600	550	-45.00	-8.33
Diam. (Gem)	(c)	126 267	147 425	165 905	161 148	95 349	-24.49	-40.83
Diam. (Ind)	(c)	505 070	589 701	663 619	644 594	381 395	-24.49	-40.83
Salt	(t)	45 000	40 000	35 000	30 000	25 000	-44.44	-16.67

## Greece

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Chromium	(t)	2 000	5 620	5 050	1 950	1 000	-50.00	-48.72
Manganese	(t)	2 035	2 572	1 800	1 898	1 000	-50.86	-47.31
Nickel	(t)	17 155	17 801	17 609	15 000	13 462	-21.53	-10.25
Aluminium	(t)	131 000	141 295	141 500	156 902	170 301	30.00	8.54
Bauxite	(t)	2 200 215	2 451 734	1 676 979	1 714 023	1 882 505	-14.44	9.83
Lead	(t)	21 629	9 704	16 420	26 100	26 460	22.34	1.38
Zinc	(t)	19 534	9 010	15 330	32 600	32 370	65.71	-0.71
Gold	(kg)	0	0	13	0	0	.	.
Silver	(kg)	45 000	16 100	35 900	64 800	65 000	44.44	0.31
Asbestos	(t)	75 003	80 213	63 294	35 068	35 068	-53.24	0.00
Baryte	(t)	668	671	742	643	367	-45.06	-42.92
Bentonite	(t)	765 000	973 517	942 555	1 148 408	1 099 657	43.75	-4.25
Feldspar	(t)	27 000	48 620	55 700	55 700	52 900	95.93	-5.03
Gypsum	(t)	485 353	546 344	662 646	554 998	686 416	41.43	23.68
Kaolin	(t)	66 582	60 453	56 459	46 388	64 931	-2.48	39.97
Magnesite	(t)	520 000	662 346	623 030	698 049	495 144	-4.78	-29.07
Perlite	(t)	565 479	598 640	695 917	658 332	777 898	37.56	18.16
Salt	(t)	140 000	138 239	173 889	208 000	176 867	26.33	-14.97
Sulfur	(t)	50 020	26 445	15 440	15 000	14 500	-71.01	-3.33
Talc	(t)	150	180	0	0	2 860	1806.67	.
Lignite	(t)	56 553 231	59 737 680	58 939 419	60 910 433	61 861 049	9.39	1.56
Nat. Gas (Mio m3)		0	38	38	33	30	.	-9.09
Oil	(t)	469 397	534 222	436 000	293 000	152 540	-67.50	-47.94

## Greenland

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
--	--	------	------	------	------	------	---------------------	---------------------

### Remarks:

There was no active mining operation during the past.



## Guatemala

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	1 680	2 053	2 100	2 143	4 214	150.83	96.64
Antimony	(t)	640	1 088	880	750	400	-37.50	-46.67
Baryte	(t)	570	2 776	3 000	3 500	4 000	601.75	14.29
Bentonite	(t)	5 839	3 755	3 500	2 278	4 300	-26.36	88.76
Feldspar	(t)	5 544	11 060	12 000	17 248	17 072	207.94	-1.02
Gypsum	(t)	70 000	27 761	27 500	27 200	35 000	-50.00	28.68
Kaolin	(t)	76	109	110	115	60	-21.05	-47.83
Salt	(t)	80 000	80 000	75 000	73 000	72 000	-10.00	-1.37
Talc	(t)	807	694	650	948	960	18.96	1.27
Nat. Gas (Mio m3)		7	6	6	5	7	0.00	40.00
Oil	(t)	487 948	761 039	800 000	850 000	1 262 900	158.82	48.58

## Guinea

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Bauxite	(t)	13 764 194	13 800 000	19 250 000	17 000 000	17 200 000	24.96	1.18
Gold	(kg)	6 910	7 000	7 300	5 000	4 070	-41.10	-18.60
Diam. (Gem)	(c)	269 643	270 000	427 500	225 000	150 000	-44.37	-33.33
Diam. (Ind)	(c)	89 881	90 000	142 500	75 000	50 000	-44.37	-33.33

## Guyana

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Bauxite	(t)	1 878 000	2 254 000	2 561 000	2 606 000	2 639 000	40.52	1.27
Gold	(kg)	9 111	10 807	14 597	14 863	14 450	58.60	-2.78
Diam. (Gem)	(c)	15 604	14 700	10 684	10 044	13 620	-12.71	35.60
Diam. (Ind)	(c)	36 410	34 300	24 928	23 436	31 780	-12.72	35.60

## Honduras

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Cadmium	(t)	45	45	40	35	34	-24.44	-2.86
Copper	(t)	1 000	1 000	900	800	700	-30.00	-12.50
Lead	(t)	2 500	4 700	5 900	6 800	8 298	231.92	22.03
Zinc	(t)	27 100	37 000	39 500	40 408	35 647	31.54	-11.78

Gold	(kg)	150	150	120	87	70	-53.33	-19.54
Silver	(kg)	30 200	31 000	40 400	48 197	37 766	25.05	-21.64
Gypsum	(t)	25 500	30 000	25 000	23 000	22 000	-13.73	-4.35
Salt	(t)	25 000	30 000	28 000	25 000	27 991	11.96	11.96

## Hungary

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Manganese	(t)	9 132	8 437	12 900	8 700	11 060	21.11	27.13
Aluminium	(t)	32 000	32 000	33 671	40 700	34 000	6.25	-16.46
Bauxite	(t)	521 400	504 000	380 900	460 600	473 900	-9.11	2.89
Gallium	(t)	4	5	5	3	5	25.00	66.67
Bentonite	(t)	18 000	15 376	14 848	26 700	9 301	-48.33	-65.16
Feldspar	(t)	44 000	44 000	45 000	46 000	47 000	6.82	2.17
Gypsum	(t)	151 000	185 000	192 000	185 000	203 000	34.44	9.73
Kaolin	(t)	12 000	3 000	3 000	9 500	3 000	-75.00	-68.42
Perlite	(t)	104 000	104 300	151 800	148 500	141 000	35.58	-5.05
Talc	(t)	1 700	1 700	1 500	1 400	1 300	-23.53	-7.14
Hard-Coal	(t)	855 000	963 000	925 000	877 028	740 000	-13.45	-15.62
Lignite	(t)	13 942 000	14 508 000	15 246 000	14 191 400	14 180 000	1.71	-0.08
Nat.Gas (Mio m3)		5 183	4 756	4 513	3 958	3 560	-31.31	-10.06
Oil	(t)	1 658 600	1 477 000	1 355 400	1 241 400	1 243 000	-25.06	0.13

### Remarks:

1995:Uranium production: 280kg U3O<sup>8</sup>; Kaolin including illitic clay.  
 1996:Uranium production: 230kg U3O<sup>8</sup>; Kaolin including illitic clay.  
 1997:Uranium production: 202kg U3O<sup>8</sup>; Kaolin including illitic clay.  
 1998:Uranium production: 118kg U3O<sup>8</sup>; Kaolin including illitic clay.  
 19959:Uranium production: not available; Kaolin including illitic clay.

## Iceland

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Aluminium	(t)	100 200	103 900	123 356	172 860	163 554	63.23	-5.38
Diatomite	(t)	20 000	25 600	26 863	25 734	28 482	42.41	10.68

## India

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	37 788 000	38 856 000	46 900 000	45 223 000	45 560 000	20.57	0.75
Chromium	(t)	460 000	538 182	644 000	613 994	600 000	30.43	-2.28
Manganese	(t)	640 000	681 806	706 800	583 422	550 000	-14.06	-5.73
Titanium	(t)	150 000	160 000	155 000	242 322	240 000	60.00	-0.96

Aluminium	(t)	465 000	497 540	547 400	543 451	609 500	31.08	12.15
Bauxite	(t)	5 163 000	200 000	5 800 000	6 451 901	5 700 000	10.40	-11.65
Cadmium	(t)	254	256	296	231	220	-13.39	-4.76
Copper	(t)	38 300	38 000	42 249	47 249	42 534	11.05	-9.98
Lead	(t)	24 250	30 000	28 700	37 222	35 000	44.33	-5.97
Rare Earths	(t)	2 500	2 700	2 700	2 500	2 300	-8.00	-8.00
Tin	(t)	18	31	16	36	45	150.00	25.00
Zinc	(t)	130 000	146 754	136 900	193 129	180 000	38.46	-6.80
Gold	(kg)	1 940	2 710	2 500	2 463	2 030	4.64	-17.58
Silver	(kg)	39 800	27 800	48 100	55 363	60 000	50.75	8.38
Asbestos	(t)	25 000	26 101	20 000	19 109	18 000	-28.00	-5.80
Baryte	(t)	575 000	500 000	550 000	659 318	400 000	-30.43	-39.33
Bentonite	(t)	300 000	280 000	260 000	250 000	230 000	-23.33	-8.00
Diam. (Gem)	(c)	7 200	11 401	11 000	12 102	14 400	100.00	18.99
Diam. (Ind)	(c)	4 800	20 442	20 000	22 477	21 600	350.00	-3.90
Feldspar	(t)	70 000	92 682	90 000	106 811	108 000	54.29	1.11
Fluorspar	(t)	20 000	19 926	18 000	3 966	2 000	-90.00	-49.57
Graphite	(t)	70 000	117 527	100 000	131 822	150 000	114.29	13.79
Gypsum	(t)	1 900 000	2 096 338	2 200 000	2 326 876	2 500 000	31.58	7.44
Kaolin	(t)	600 000	685 675	530 000	708 503	760 000	26.67	7.27
Magnesite	(t)	335 000	373 000	375 000	350 755	345 000	2.99	-1.64
Phosphate	(t)	351 000	351 000	245 430	398 862	438 210	24.85	9.87
Salt	(t)	9 500 000	9 500 000	9 300 000	9 000 000	12 000 000	26.32	33.33
Sulfur	(t)	15 000	14 000	13 000	12 143	12 000	-20.00	-1.18
Talc	(t)	456 000	462 152	600 000	456 187	450 000	-1.32	-1.36
Vermiculite	(t)	1 500	1 300	1 200	4 035	4 500	200.00	11.52
Zircon	(t)	20 000	18 000	21 000	20 000	20 000	0.00	0.00
Hard-Coal	(t)	263 500 000	288 208 000	295 900 000	293 565 000	292 300 000	10.93	-0.43
Lignite	(t)	22 000 000	22 540 000	25 000 000	23 009 000	21 000 000	-4.55	-8.73
Nat. Gas (Mio m3)		16 922	18 215	20 500	19 522	19 000	12.28	-2.67
Oil	(t)	37 400 000	31 480 000	37 300 000	32 893 000	32 000 000	-14.44	-2.71
Uranium	(t)	200	180	200	200	190	-5.00	-5.00

## Indonesia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	191 604	233 806	268 094	308 288	309 100	61.32	0.26
Manganese	(t)	16 000	17 375	18 600	25 205	26 000	62.50	3.15
Nickel	(t)	50 267	68 537	56 599	54 733	64 700	28.71	18.21
Bauxite	(t)	904 458	841 976	808 749	1 055 647	1 116 000	23.39	5.72
Copper	(t)	530 814	619 116	644 246	809 000	766 000	44.31	-5.32
Tin	(t)	45 908	51 029	53 036	53 959	49 100	6.95	-9.00
Gold	(kg)	62 909	83 660	82 700	118 722	129 030	105.11	8.68
Silver	(kg)	260 518	254 893	270 391	279 298	292 330	12.21	4.67
Bentonite	(t)	20 000	15 549	8 308	8 400	8 500	-57.50	1.19
Feldspar	(t)	25 000	29 473	24 399	53 068	55 000	120.00	3.64
Gypsum	(t)	800	1 660	1 955	406	300	-62.50	-26.11

Kaolin	(t)	45 000	49 744	49 000	30 036	30 000	-33.33	-0.12
Phosphate	(t)	1 000	505	533	752	800	-20.00	6.38
Salt	(t)	600 000	500 000	400 000	300 000	250 000	-58.33	-16.67
Sulfur	(t)	3 000	3 165	9 177	10 000	11 000	266.67	10.00
Hard-Coal	(t)	38 311 877	47 338 609	54 652 295	60 302 622	73 780 000	92.58	22.35
Nat.Gas (Mio m3)		84 660	92 300	90 294	84 370	78 720	-7.02	-6.70
Oil	(t)	78 137 720	79 155 168	78 497 110	76 518 810	77 980 000	-0.20	1.91

## Iran

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	4 836 000	5 008 500	4 828 300	4 777 950	3 473 686	-28.17	-27.30
Chromium	(t)	156 352	138 618	104 509	146 200	154 460	-1.21	5.65
Manganese	(t)	29 920	32 300	45 900	64 600	41 440	38.50	-35.85
Molybdenum	(t)	1 655	2 600	2 600	3 100	4 501	171.96	45.19
Aluminium	(t)	220 000	253 000	107 000	117 000	137 313	-37.59	17.36
Antimony	(t)	0	0	0	0	155	.	.
Arsenic	(t)	30	20	75	350	375	1150.00	7.14
Bauxite	(t)	148 000	160 000	378 600	370 000	439 387	196.88	18.75
Copper	(t)	105 710	113 770	110 000	111 000	131 763	24.65	18.71
Lead	(t)	15 900	18 000	17 600	10 920	14 170	-10.88	29.76
Zinc	(t)	73 950	62 000	81 950	69 000	72 875	-1.45	5.62
Gold	(kg)	633	640	684	822	765	20.85	-6.93
Silver	(kg)	1 120	1 300	1 320	1 720	1 630	45.54	-5.23
Asbestos	(t)	44 000	42 000	62 000	75 000	65 953	49.89	-12.06
Baryte	(t)	185 000	210 000	160 000	180 000	183 034	-1.06	1.69
Bentonite	(t)	32 000	84 000	105 000	115 000	131 240	310.13	14.12
Boron	(t)	1 500	1 000	2 850	2 800	2 543	69.53	-9.18
Diatomite	(t)	0	0	0	0	4 350	.	.
Feldspar	(t)	86 000	90 000	125 000	125 000	156 058	81.46	24.85
Fluorspar	(t)	16 400	20 000	6 200	6 800	18 218	11.09	167.91
Gypsum	(t)	8 230 000	8 750 000	8 900 000	9 750 000	10 790 918	31.12	10.68
Kaolin	(t)	471 000	470 000	860 000	1 050 000	858 510	82.27	-18.24
Magnesite	(t)	55 000	50 000	105 000	120 000	141 081	156.51	17.57
Perlite	(t)	800	1 000	3 500	3 800	2 100	162.50	-44.74
Phosphate	(t)	0	0	0	0	171 640	.	.
Salt	(t)	936 000	1 000 000	1 180 000	1 450 000	1 668 790	78.29	15.09
Sulfur	(t)	1 105 000	1 300 000	1 120 000	1 200 000	1 300 000	17.65	8.33
Talc	(t)	26 000	25 000	24 300	28 500	18 387	-29.28	-35.48
Hard-Coal	(t)	1 590 000	1 840 000	1 750 000	1 810 000	1 507 906	-5.16	-16.69
Nat.Gas (Mio m3)		23 200	24 800	48 100	50 000	49 000	111.21	-2.00
Oil	(t)	173 000 000	184 000 000	191 000 000	193 000 000	180 558 200	4.37	-6.45

## Iraq

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	380 000	400 000	420 000	430 000	450 000	18.42	4.65
Phosphate	(t)	440 000	465 000	466 000	495 000	415 000	-5.68	-16.16
Salt	(t)	230 000	240 000	250 000	260 000	270 000	17.39	3.85
Sulfur	(t)	600 000	475 000	475 000	450 000	430 000	-28.33	-4.44
Nat.Gas (Mio m3)		3 000	3 500	3 500	4 000	4 200	40.00	5.00
Oil	(t)	31 555 893	29 600 000	56 300 000	108 200 000	338 393 400	972.36	212.75

## Ireland

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Lead	(t)	46 100	45 300	45 100	35 900	39 200	-14.97	9.19
Zinc	(t)	183 500	164 500	193 200	177 200	195 900	6.76	10.55
Silver	(kg)	13 700	14 700	13 300	10 800	10 400	-24.09	-3.70
Gypsum	(t)	406 000	423 000	477 000	500 000	500 000	23.15	0.00
Nat.Gas (Mio m3)		3 700	2 740	2 410	1 790	1 400	-62.16	-21.79

## Israel

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	47 500	75 000	90 000	56 000	50 000	5.26	-10.71
Phosphate	(t)	2 028 000	2 322 000	2 708 000	2 940 000	2 287 500	12.80	-22.19
Potash	(t)	1 346 270	1 520 120	1 525 000	1 745 210	1 114 560	-17.21	-36.14
Salt	(t)	946 017	765 000	750 000	700 000	700 000	-26.01	0.00
Nat.Gas (Mio m3)		25	16	15	12	11	-56.00	-8.33
Oil	(t)	9 146	8 768	8 500	5 829	5 215	-42.98	-10.53

## Italy

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Manganese	(t)	1 612	1 457	2 128	924	972	-39.70	5.19
Aluminium	(t)	197 750	192 833	187 700	187 000	205 567	3.95	9.93
Bauxite	(t)	11 000	0	0	0	0	-100.00	.
Cadmium	(t)	308	300	287	382	390	26.62	2.09
Lead	(t)	22 658	21 000	17 630	10 102	6 000	-73.52	-40.61
Zinc	(t)	24 455	20 100	15 415	4 472	9 734	-60.20	117.67

Gold	(kg)	0	0	0	1 200	1 600	.	33.33
Silver	(kg)	80 000	75 000	70 000	60 000	50 000	-37.50	-16.67
Baryte	(t)	44 393	80 463	26 694	31 791	24 557	-44.68	-22.75
Bentonite	(t)	590 845	475 000	509 960	600 000	562 674	-4.77	-6.22
Feldspar	(t)	2 199 315	2 310 450	2 118 117	2 800 000	2 493 846	13.39	-10.93
Fluorspar	(t)	124 749	126 530	105 794	104 188	46 916	-62.39	-54.97
Gypsum	(t)	1 492 594	1 200 000	1 210 718	1 232 535	1 382 709	-7.36	12.18
Kaolin	(t)	85 661	126 000	180 570	0	0	-100.00	.
Salt	(t)	3 430 374	3 000 000	3 594 549	3 240 000	3 338 162	-2.69	3.03
Sulfur	(t)	250 000	250 000	200 000	180 000	170 000	-32.00	-5.56
Talc	(t)	159 106	168 000	140 816	134 000	123 503	-22.38	-7.83
Hard-Coal	(t)	0	4 787	0	0	0	.	.
Lignite	(t)	352 293	223 400	222 421	251 000	260 000	-26.20	3.59
Nat.Gas (Mio m3)		20 383	20 218	19 123	19 164	17 635	-13.48	-7.98
Oil	(t)	5 207 980	5 429 849	5 892 055	5 600 287	5 049 417	-3.04	-9.84
Oil-Shale	(t)	9 320	22 000	20 000	22 471	23 000	146.78	2.35

### Jamaica

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Bauxite	(t)	10 871 000	11 757 000	11 988 000	12 600 000	11 600 000	6.71	-7.94
Gypsum	(t)	188 000	251 000	132 000	200 000	220 000	17.02	10.00
Salt	(t)	14 000	14 500	15 000	15 500	15 800	12.86	1.94

### Japan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	1 301	3 563	1 537	1 720	1 800	38.36	4.65
Chromium	(t)	2 000	2 000	1 800	1 500	1 300	-35.00	-13.33
Aluminium	(t)	18 034	16 959	16 694	16 302	16 100	-10.72	-1.24
Arsenic	(t)	500	450	420	400	380	-24.00	-5.00
Bismuth	(t)	600	560	474	470	475	-20.83	1.06
Cadmium	(t)	2 652	2 343	2 373	2 342	2 100	-20.81	-10.33
Copper	(t)	2 376	1 145	932	1 070	1 038	-56.31	-2.99
Gallium	(t)	6	5	5	4	3	-50.00	-25.00
Lead	(t)	9 659	7 753	5 227	6 198	6 074	-37.12	-2.00
Tellurium	(t)	50	45	40	38	35	-30.00	-7.89
Zinc	(t)	95 274	79 709	71 569	67 670	64 263	-32.55	-5.03
Gold	(kg)	9 185	8 627	8 384	8 601	9 410	2.45	9.41
Platinum	(kg)	1 200	816	693	533	650	-45.83	21.95
Silver	(kg)	100 078	85 115	87 180	94 472	94 000	-6.07	-0.50
Bentonite	(t)	478 056	468 728	495 646	443 566	420 000	-12.14	-5.31
Feldspar	(t)	65 086	55 122	60 000	60 000	58 000	-10.89	-3.33

Kaolin	(t)	182 122	141 230	110 915	83 257	90 000	-50.58	8.10
Perlite	(t)	200 000	200 000	288 000	250 000	260 000	30.00	4.00
Salt	(t)	1 400 000	1 400 000	1 420 000	1 000 000	950 000	-32.14	-5.00
Sulfur	(t)	2 000 000	1 500 000	633 369	544 904	520 000	-74.00	-4.57
Talc	(t)	717 269	659 904	620 000	600 000	580 000	-19.14	-3.33
Vermiculite	(t)	15 000	10 000	10 000	8 000	7 000	-53.33	-12.50
Hard-Coal	(t)	8 741 000	6 480 000	4 274 000	3 663 000	2 600 000	-70.26	-29.02
Nat.Gas (Mio m3)		2 209	2 230	2 279	2 300	2 400	8.65	4.35
Oil	(t)	861 000	837 162	842 000	792 000	653 350	-24.12	-17.51

## Jordan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Feldspar	(t)	7 341	7 500	7 340	7 200	7 100	-3.28	-1.39
Gypsum	(t)	166 575	120 810	114 500	110 000	100 000	-39.97	-9.09
Kaolin	(t)	65 998	37 832	34 550	34 000	33 500	-49.24	-1.47
Phosphate	(t)	1 828 225	1 713 618	1 945 542	1 861 440	1 850 000	1.19	-0.61
Potash	(t)	1 125 279	1 068 000	849 405	910 200	1 080 000	-4.02	18.66
Salt	(t)	78 175	80 000	80 000	263 365	400 000	411.67	51.88
Nat.Gas (Mio m3)		350	235	291	300	250	-28.57	-16.67
Oil	(t)	1 600	1 700	2 097	2 100	1 500	-6.25	-28.57

## Kazakhstan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	18 525 000	16 250 000	13 700 000	8 693 000	9 607 000	-48.14	10.51
Chromium	(t)	1 039 310	511 700	430 000	688 000	820 000	-21.10	19.19
Cobalt	(t)	300	300	300	300	300	0.00	0.00
Manganese	(t)	128 430	129 000	120 000	119 700	168 900	31.51	41.10
Molybdenum	(t)	400	400	400	100	110	-72.50	10.00
Nickel	(t)	1 200	1 200	1 200	1 200	7 000	483.33	483.33
Titanium	(t)	9 592	12 500	13 000	12 000	11 500	19.89	-4.17
Tungsten	(t)	288	280	200	200	180	-37.50	-10.00
Vanadium	(t)	900	900	900	1 000	1 000	11.11	0.00
Arsenic	(t)	1 586	1 500	1 500	1 300	1 000	-36.95	-23.08
Bauxite	(t)	3 319 000	3 140 000	3 100 000	3 437 000	3 607 000	8.68	4.95
Bismuth	(t)	33	33	33	50	55	66.67	10.00
Cadmium	(t)	1 209	1 200	745	1 463	1 061	-12.24	-27.48
Copper	(t)	242 800	245 000	316 000	337 600	374 000	54.04	10.78
Lead	(t)	85 000	68 900	35 000	30 100	34 100	-59.88	13.29
Tin	(t)	4	4	4	0	0	-100.00	.
Zinc	(t)	168 300	168 500	225 000	224 300	288 000	71.12	28.40
Gold	(kg)	18 200	12 000	18 700	18 000	19 982	9.79	11.01
Silver	(kg)	371 000	414 300	389 300	535 800	904 000	143.67	68.72

Asbestos	(t)	250 000	250 000	125 000	125 000	120 000	-52.00	-4.00
Baryte	(t)	150 000	250 000	270 000	300 000	320 000	113.33	6.67
Boron	(t)	80 000	80 000	80 000	60 000	55 000	-31.25	-8.33
Fluorspar	(t)	75 000	80 000	85 000	90 000	85 000	13.33	-5.56
Phosphate	(t)	1 500 000	900 000	500 000	450 000	420 000	-72.00	-6.67
Sulfur	(t)	140 000	97 000	100 000	120 000	130 000	-7.14	8.33
Hard-Coal	(t)	101 000 000	76 600 000	69 600 000	65 700 000	56 200 000	-44.36	-14.46
Lignite	(t)	2 100 000	1 800 000	3 000 000	3 000 000	2 000 000	-4.76	-33.33
Nat.Gas (Mio m3)		4 333	3 352	4 000	4 000	3 500	-19.22	-12.50
Oil	(t)	19 968 000	21 466 000	25 800 000	25 900 000	30 000 000	50.24	15.83
Uranium	(t)	1 388	1 320	1 000	1 530	1 650	18.88	7.84

## Kenya

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Lead	(t)	252	250	0	0	0	-100.00	.
Gold	(kg)	151	492	440	388	990	555.63	155.15
Diatomite	(t)	578	415	297	468	507	-12.28	8.33
Fluorspar	(t)	80 230	83 000	68 700	60 854	93 602	16.67	53.81
Gypsum	(t)	1 000	900	900	700	600	-40.00	-14.29
Kaolin	(t)	300	300	200	150	130	-56.67	-13.33
Salt	(t)	71 400	72 000	71 400	21 742	44 886	-37.13	106.45
Vermiculite	(t)	457	734	1 418	353	164	-64.11	-53.54

### Remarks:

Vermiculit quantity exported.

## Korea, Republic of

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	103 288	100 000	100 000	133 421	119 823	16.01	-10.19
Cadmium	(t)	908	930	930	930	1 790	97.14	92.47
Copper	(t)	30	35	0	0	0	-100.00	.
Lead	(t)	4 064	5 200	3 600	3 558	3 644	-10.33	2.42
Zinc	(t)	7 747	8 300	9 000	10 489	19 664	153.83	87.47
Gold	(kg)	1 270	1 200	1 200	200	320	-74.80	60.00
Silver	(kg)	6 500	5 500	5 000	4 500	4 144	-36.25	-7.91
Bentonite	(t)	100 000	80 000	100 000	110 000	112 258	12.26	2.05
Diatomite	(t)	81 303	80 000	80 000	78 000	80 222	-1.33	2.85
Feldspar	(t)	367 578	330 000	320 000	248 493	409 334	11.36	64.73
Graphite	(t)	1 938	3 500	3 200	3 000	0	-100.00	-100.00
Kaolin	(t)	495 055	500 000	480 000	393 736	380 000	-23.24	-3.49
Talc	(t)	819 358	730 000	820 000	868 020	880 000	7.40	1.38
Hard-Coal	(t)	5 670 000	5 100 000	4 500 000	4 361 000	4 197 000	-25.98	-3.76



## Kuwait

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Salt	(t)	37 038	36 000	36 000	35 000	34 800	-6.04	-0.57
Sulfur	(t)	277 798	605 963	600 000	580 000	550 000	97.99	-5.17
Nat.Gas (Mio m3)		10 868	10 892	12 000	12 000	11 000	1.21	-8.33
Oil	(t)	104 663 104	104 609 088	106 500 000	91 900 000	85 169 100	-18.63	-7.32

## Kyrgystan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Antimony	(t)	2 500	2 500	2 500	1 298	1 320	-47.20	1.69
Mercury	(t)	400	596	611	629	628	57.00	-0.16
Gold	(kg)	2 000	5 000	17 000	21 000	20 000	900.00	-4.76
Hard-Coal	(t)	1 000 000	800 000	500 000	400 000	400 000	-60.00	0.00
Nat.Gas (Mio m3)		35	35	20	20	30	-14.29	50.00
Oil	(t)	130 000	130 000	120 000	100 000	100 000	-23.08	0.00

## Laos

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Tin	(t)	102	100	100	226	250	145.10	10.62
Gypsum	(t)	110 000	75 000	115 000	104 250	100 000	-9.09	-4.08
Salt	(t)	8 000	7 000	7 500	3 453	3 200	-60.00	-7.33
Hard-Coal	(t)	3 746	3 800	4 000	8 773	9 000	140.26	2.59

## Latvia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	78 813	63 888	60 905	93 611	65 000	-17.53	-30.56

## Lebanon

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	2 000	1 800	1 500	1 300	1 200	-40.00	-7.69
Salt	(t)	2 500	2 500	2 000	1 800	1 700	-32.00	-5.56

## Liberia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Diam. (Gem)	(c)	32 500	29 250	29 250	27 630	28 600	-12.00	3.51
Diam. (Ind)	(c)	67 500	60 750	60 750	57 380	25 650	-62.00	-55.30

## Libya

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	170 000	180 000	190 000	200 000	180 000	5.88	-10.00
Salt	(t)	30 000	28 000	27 000	30 000	25 000	-16.67	-16.67
Sulfur	(t)	19 000	22 000	24 000	22 000	23 000	21.05	4.55
Nat.Gas (Mio m3)		6 849	6 950	8 000	8 000	13 700	100.03	71.25
Oil	(t)	68 600 000	78 573 253	68 000 000	66 900 000	72 893 290	6.26	8.96

## Lithuania

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Oil	(t)	115 000	161 200	213 000	275 000	232 000	101.74	-15.64

## Macedonia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Nickel	(t)	5 200	4 500	4 900	6 000	7 000	34.62	16.67
Copper	(t)	8 560	8 484	8 200	9 100	10 000	16.82	9.89
Lead	(t)	29 749	29 030	30 690	30 000	24 000	-19.33	-20.00
Zinc	(t)	22 141	21 560	20 620	14 100	20 000	-9.67	41.84
Gold	(kg)	760	752	680	700	750	-1.32	7.14
Silver	(kg)	15 848	20 025	18 760	20 000	22 000	38.82	10.00
Bentonite	(t)	4 000	4 000	3 500	3 000	2 800	-30.00	-6.67
Feldspar	(t)	10 000	9 500	10 000	9 500	9 300	-7.00	-2.11
Talc	(t)	15 000	14 500	15 000	10 000	9 000	-40.00	-10.00
Lignite	(t)	7 353 093	7 723 000	7 443 000	6 500 000	6 300 000	-14.32	-3.08

## Madagascar

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Chromium	(t)	49 000	67 130	58 800	33 963	32 000	-34.69	-5.78
Rare Earths	(t)	4	3	0	0	0	-100.00	.
Gold	(kg)	0	0	0	33	40	.	21.21
Graphite	(t)	13 965	14 000	13 000	2 330	2 000	-85.68	-14.16
Kaolin	(t)	700	650	600	378	300	-57.14	-20.63
Salt	(t)	45 000	45 000	40 000	38 000	35 000	-22.22	-7.89

## Malawi

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Hard-Coal	(t)	50 000	71 153	63 000	54 200	43 800	-12.40	-19.19

## Malaysia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	181 972	285 294	269 087	376 090	337 462	85.45	-10.27
Titanium	(t)	64 477	69 883	70 000	65 000	63 000	-2.29	-3.08
Tungsten	(t)	1	0	0	0	0	-100.00	.
Bauxite	(t)	184 433	218 680	279 000	227 724	160 271	-13.10	-29.62
Copper	(t)	20 751	20 671	18 900	14 596	4 910	-76.34	-66.36
Rare Earths	(t)	814	618	600	500	450	-44.72	-10.00
Tin	(t)	6 355	6 922	5 100	5 754	7 340	15.50	27.56
Gold	(kg)	3 161	2 829	4 488	3 449	3 504	10.85	1.59
Silver	(kg)	10 863	9 720	9 600	2 744	7 285	-32.94	165.49
Baryte	(t)	16 966	17 458	18 000	17 000	16 500	-2.75	-2.94
Kaolin	(t)	211 182	209 562	187 411	176 521	170 000	-19.50	-3.69
Zircon	(t)	3 790	4 511	5 000	5 100	5 200	37.20	1.96
Hard-Coal	(t)	112 100	73 747	105 231	308 502	349 849	212.09	13.40
Nat.Gas (Mio m3)		35 600	32 400	39 751	39 865	38 320	7.64	-3.88
Oil	(t)	36 656 429	34 100 000	35 500 000	37 872 287	37 820 128	3.17	-0.14

## Mali

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	3 980	4 500	17 000	22 000	17 160	331.16	-22.00
Phosphate	(t)	720	0	0	0	0	-100.00	.

## Malta

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Salt	(t)	160	150	130	120	100	-37.50	-16.67

## Mauritania

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	7 484 100	7 252 700	7 663 500	6 726 200	6 604 000	-11.76	-1.82
Gold	(kg)	1 800	1 890	1 800	1 700	1 700	-5.56	0.00
Gypsum	(t)	10 100	12 500	5 460	18 795	18 800	86.14	0.03

## Mexico

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	4 500 089	4 887 562	5 023 826	5 067 406	5 508 174	22.40	8.70
Manganese	(t)	140 662	173 380	192 825	187 103	169 107	20.22	-9.62
Molybdenum	(t)	3 883	4 211	4 842	5 948	7 961	105.02	33.84
Tungsten	(t)	287	188	179	130	10	-96.52	-92.31
Antimony	(t)	1 783	983	1 909	1 301	273	-84.69	-79.02
Arsenic	(t)	3 620	2 942	2 999	2 573	2 419	-33.18	-5.99
Bismuth	(t)	988	1 070	1 642	1 204	548	-44.53	-54.49
Cadmium	(t)	1 756	1 813	1 872	1 739	1 311	-25.34	-24.61
Copper	(t)	339 347	327 978	338 933	344 766	340 147	0.24	-1.34
Lead	(t)	179 740	167 114	180 349	171 610	131 402	-26.89	-23.43
Mercury	(t)	10	0	15	15	15	50.00	0.00
Tin	(t)	1	2	5	5	4	300.00	-20.00
Zinc	(t)	354 673	348 328	377 861	371 898	339 758	-4.21	-8.64
Gold	(kg)	20 902	24 083	26 031	25 982	23 475	12.31	-9.65
Silver	(kg)	2 495 522	2 536 465	2 701 329	2 868 099	2 337 554	-6.33	-18.50
Baryte	(t)	248 367	470 028	236 606	161 555	157 953	-36.40	-2.23
Bentonite	(t)	100 000	69 810	69 000	68 800	68 500	-31.50	-0.44
Diatomite	(t)	47 000	52 200	60 000	62 000	62 500	32.98	0.81

Feldspar	(t)	121 779	139 972	155 760	197 866	262 241	115.34	32.53
Fluorspar	(t)	522 658	523 971	552 839	598 043	557 106	6.59	-6.85
Graphite	(t)	34 388	40 412	47 982	43 481	27 781	-19.21	-36.11
Gypsum	(t)	3 477 840	3 758 900	4 216 300	3 993 305	3 799 419	9.25	-4.86
Kaolin	(t)	220 000	165 000	160 000	155 000	130 000	-40.91	-16.13
Perlite	(t)	35 000	37 417	35 000	36 000	38 000	8.57	5.56
Phosphate	(t)	199 153	218 265	228 372	242 032	304 208	52.75	25.69
Salt	(t)	7 669 549	8 508 148	7 932 772	8 412 063	8 235 621	7.38	-2.10
Sulfur	(t)	882 414	921 349	923 352	912 826	855 484	-3.05	-6.28
Talc	(t)	15 000	10 100	10 000	9 800	9 500	-36.67	-3.06
Vermiculite	(t)	200	225	350	360	380	90.00	5.56
Hard-Coal	(t)	7 391 057	8 779 518	8 509 976	7 632 227	8 764 835	18.59	14.84
Nat.Gas (Mio m3)		26 000	29 900	33 000	36 500	37 000	42.31	1.37
Oil	(t)	152 700 000	162 500 000	169 300 000	169 300 000	152 898 500	0.13	-9.69

### Moldavia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	13 600	12 700	13 000	19 080	17 440	28.24	-8.60

### Mongolia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Molybdenum	(t)	1 500	2 000	2 200	2 300	2 500	66.67	8.70
Tungsten	(t)	0	32	0	0	0	.	.
Copper	(t)	120 200	121 000	127 000	127 800	157 500	31.03	23.24
Tellurium	(t)	3	0	2	3	4	33.33	33.33
Tin	(t)	58	37	55	0	0	-100.00	.
Gold	(kg)	4 650	5 998	2 200	2 000	1 900	-59.14	-5.00
Silver	(kg)	21 000	20 000	19 000	18 000	17 000	-19.05	-5.56
Fluorspar	(t)	180 000	127 600	135 000	171 000	170 000	-5.56	-0.58
Gypsum	(t)	25 000	20 000	20 000	18 000	17 000	-32.00	-5.56
Salt	(t)	18 000	17 000	16 000	15 000	14 500	-19.44	-3.33
Lignite	(t)	5 100 000	4 922 000	4 500 000	5 200 000	5 500 000	7.84	5.77
Uranium	(t)	150	181	150	100	90	-40.00	-10.00

### Morocco

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	27 383	7 105	7 207	5 685	6 625	-75.81	16.53
Cobalt	(t)	535	554	785	287	948	77.20	230.31
Manganese	(t)	12 592	13 260	13 863	12 749	13 118	4.18	2.89

Copper	(t)	12 497	13 168	13 070	9 373	8 841	-29.26	-5.68
Lead	(t)	63 011	66 698	68 514	71 326	70 794	12.35	-0.75
Zinc	(t)	77 129	76 290	85 898	108 006	108 099	40.15	0.09
Silver	(kg)	204 000	333 000	262 000	241 000	227 000	11.27	-5.81
Baryte	(t)	266 226	287 513	343 314	353 438	320 456	20.37	-9.33
Bentonite	(t)	28 895	29 881	49 633	47 881	36 528	26.42	-23.71
Fluorspar	(t)	106 500	100 000	103 800	105 000	83 100	-21.97	-20.86
Phosphate	(t)	6 297 030	6 465 050	7 156 040	7 119 460	6 870 000	9.10	-3.50
Salt	(t)	172 782	165 393	257 500	107 604	156 158	-9.62	45.12
Hard-Coal	(t)	649 600	505 600	376 300	269 100	129 200	-80.11	-51.99
Nat.Gas (Mio m3)		30	25	25	26	27	-10.00	3.85
Oil	(t)	2 900	2 000	2 933	3 000	3 200	10.34	6.67

### Mozambique

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Bauxite	(t)	11 000	12 000	8 000	6 000	5 500	-50.00	-8.33
Gold	(kg)	300	300	250	230	220	-26.67	-4.35
Salt	(t)	40 000	35 000	30 000	25 000	24 000	-40.00	-4.00
Hard-Coal	(t)	40 000	35 000	35 000	40 000	45 000	12.50	12.50

### Myanmar

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Chromium	(t)	200	150	130	120	100	-50.00	-16.67
Nickel	(t)	170	0	0	0	0	-100.00	.
Tungsten	(t)	144	23	14	9	7	-95.14	-22.22
Copper	(t)	8 357	5 813	4 390	0	0	-100.00	.
Lead	(t)	1 862	1 130	782	1 255	1 500	-19.44	19.52
Tin	(t)	492	233	154	114	132	-73.17	15.79
Zinc	(t)	700	600	500	500	450	-35.71	-10.00
Gold	(kg)	146	171	181	121	116	-20.55	-4.13
Silver	(kg)	4 425	8 915	9 331	3 643	2 159	-51.21	-40.74
Baryte	(t)	30 641	17 113	20 467	18 562	27 679	-9.67	49.12
Bentonite	(t)	600	730	750	720	700	16.67	-2.78
Diam. (Gem)	(c)	0	0	4	0	0	.	.
Diam. (Ind)	(c)	12	45	18	7	6	-50.00	-14.29
Feldspar	(t)	7 091	0	0	0	0	-100.00	.
Gypsum	(t)	37 011	28 599	40 642	40 234	43 102	16.46	7.13
Salt	(t)	250 000	230 000	200 000	180 000	170 000	-32.00	-5.56

Lignite	(t)	34 708	44 412	29 849	31 025	42 773	23.24	37.87
Nat.Gas (Mio m3)		1 447	1 800	1 800	1 700	1 600	10.57	-5.88
Oil	(t)	814 530	550 000	600 000	580 000	781 100	-4.10	34.67

Remarks:

Diamonds: Byproduct of alluvial tin operation.

## Namibia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Manganese	(t)	46 739	45 250	34 907	30 000	29 000	-37.95	-3.33
Arsenic	(t)	1 246	1 505	1 232	175	0	-100.00	-100.00
Cadmium	(t)	15	10	2	0	0	-100.00	.
Copper	(t)	29 203	18 306	20 300	8 014	2 000	-93.15	-75.04
Lead	(t)	26 752	24 416	17 000	12 800	9 361	-65.01	-26.87
Lithium	(t)	104	50	70	90	100	-3.85	11.11
Tin	(t)	2	2	0	0	0	-100.00	.
Zinc	(t)	15 407	18 295	18 564	20 298	17 666	14.66	-12.97
Gold	(kg)	1 910	2 177	2 433	1 882	2 008	5.13	6.70
Silver	(kg)	65 847	42 000	33 500	23 000	15 000	-77.22	-34.78
Diam. (Gem)	(c)	1 312 670	1 412 134	1 083 000	1 368 000	1 557 050	18.62	13.82
Diam. (Ind)	(c)	69 087	72 323	57 000	72 000	81 950	18.62	13.82
Fluorspar	(t)	37 076	32 285	23 208	42 139	57 700	55.63	36.93
Salt	(t)	423 525	378 860	485 414	496 113	489 330	15.54	-1.37
Sulfur	(t)	62 000	45 338	46 476	47 000	48 000	-22.58	2.13
Uranium	(t)	2 007	2 886	3 426	3 257	3 095	54.21	-4.97

## Nauru

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Phosphate	(t)	228 000	193 800	190 000	185 060	272 840	19.67	47.43

## Nepal

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Copper	(t)	4	3	0	0	0	-100.00	.
Salt	(t)	7	6	6	1	0	-100.00	-100.00
Talc	(t)	2 362	2 300	6 500	6 157	6 000	154.02	-2.55
Lignite	(t)	6 048	5 500	8 200	10 954	12 000	98.41	9.55

## Netherlands

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Aluminium	(t)	215 600	227 000	231 800	263 700	270 000	25.23	2.39
Salt	(t)	4 786 000	4 800 000	5 601 000	5 600 000	5 400 000	12.83	-3.57
Nat.Gas (Mio m3)		78 300	95 432	81 800	79 200	72 030	-8.01	-9.05
Oil	(t)	3 210 000	3 000 000	2 750 000	2 700 000	2 439 060	-24.02	-9.66

### Remarks:

1997 : Salt:content of MgCl<sub>2</sub>: 192500t.

## New Caledonia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Nickel	(t)	120 700	124 800	136 500	125 300	123 000	1.91	-1.84

## New Zealand

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	1 370 074	1 353 578	1 450 000	1 276 000	1 334 000	-2.63	4.55
Aluminium	(t)	269 000	260 000	310 200	317 500	320 000	18.96	0.79
Gold	(kg)	12 132	11 571	11 400	7 700	8 600	-29.11	11.69
Silver	(kg)	27 794	29 340	31 700	22 700	24 300	-12.57	7.05
Bentonite	(t)	3 699	4 000	4 100	4 200	4 400	18.95	4.76
Kaolin	(t)	13 662	26 000	26 000	26 000	26 000	90.31	0.00
Perlite	(t)	1 800	1 880	1 900	2 000	1 900	5.56	-5.00
Salt	(t)	80 000	75 000	70 000	68 000	65 000	-18.75	-4.41
Hard-Coal	(t)	3 202 156	3 509 334	3 500 000	3 100 000	3 500 000	9.30	12.90
Lignite	(t)	242 882	109 982	200 000	200 000	180 000	-25.89	-10.00
Nat.Gas (Mio m3)		4 462	5 364	5 500	5 600	5 700	27.75	1.79
Oil	(t)	1 502 165	1 500 000	1 600 000	2 000 000	2 346 950	56.24	17.35

## Nicaragua

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	1 200	2 059	2 395	2 050	5 416	351.33	164.20
Silver	(kg)	2 600	783	934	1 300	2 167	-16.65	66.69
Bentonite	(t)	3 000	2 374	512	400	370	-87.67	-7.50
Gypsum	(t)	10 000	20 242	15 820	12 000	11 000	10.00	-8.33
Salt	(t)	15 000	16 000	15 000	14 000	12 000	-20.00	-14.29

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen



## Niger

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Tin	(t)	17	23	25	26	32	88.24	23.08
Gold	(kg)	53	313	300	320	200	277.36	-37.50
Gypsum	(t)	1 500	1 897	2 000	2 200	1 502	0.13	-31.73
Salt	(t)	2 000	2 000	1 800	1 600	2 000	0.00	25.00
Hard-Coal	(t)	170 971	182 022	150 000	150 000	168 466	-1.47	12.31
Uranium	(t)	2 330	3 919	4 124	4 400	2 916	25.15	-33.73

## Nigeria

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	90 000	80 000	72 484	70 000	68 000	-24.44	-2.86
Tantalum-Col.	(t)	20	20	20	18	19	-5.00	5.56
Tin	(t)	300	2 700	2 700	1 400	1 200	300.00	-14.29
Gold	(kg)	0	0	17	20	25	.	25.00
Baryte	(t)	17 500	17 500	13 000	12 000	10 000	-42.86	-16.67
Kaolin	(t)	150	150	100	80	70	-53.33	-12.50
Hard-Coal	(t)	90 000	90 000	90 000	90 000	85 000	-5.56	-5.56
Nat.Gas (Mio m3)		5 427	5 500	5 000	5 000	4 800	-11.55	-4.00
Oil	(t)	100 405 113	111 300 000	119 527 523	104 500 000	102 710 000	2.30	-1.71

## Norway

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	1 458 300	1 117 651	478 000	409 200	338 000	-76.82	-17.40
Nickel	(t)	2 892	2 820	2 435	2 964	2 715	-6.12	-8.40
Titanium	(t)	368 208	329 840	246 903	261 134	256 889	-30.23	-1.63
Aluminium	(t)	847 000	863 000	918 600	995 500	1 000 000	18.06	0.45
Cadmium	(t)	296	300	290	270	230	-22.30	-14.81
Copper	(t)	6 797	7 389	6 670	2 700	0	-100.00	-100.00
Lead	(t)	2 960	2 083	2 231	1 800	1 000	-66.22	-44.44
Zinc	(t)	9 946	4 435	4 400	1 800	0	-100.00	-100.00
Silver	(kg)	6 000	5 900	5 000	2 000	1 800	-70.00	-10.00
Feldspar	(t)	73 810	72 555	107 335	82 036	73 000	-1.10	-11.01
Graphite	(t)	2 558	7 065	7 713	8 271	7 400	189.29	-10.53

Sulfur	(t)	43 000	42 900	42 500	42 300	42 100	-2.09	-0.47
Talc	(t)	30 683	28 140	30 475	21 000	20 000	-34.82	-4.76
Hard-Coal	(t)	292 094	229 636	386 440	328 169	404 000	38.31	23.11
Nat.Gas (Mio m3)		31 100	41 100	45 600	47 100	51 582	65.86	9.52
Oil	(t)	133 004 175	158 400 000	160 800 000	158 900 000	154 833 000	16.41	-2.56

## Oman

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Chromium	(t)	2 120	6 100	7 160	11 902	10 404	390.75	-12.59
Copper	(t)	1 067	1 000	1 209	993	900	-15.65	-9.37
Gold	(kg)	520	600	584	579	597	14.81	3.11
Silver	(kg)	72	80	145	286	300	316.67	4.90
Gypsum	(t)	104 490	113 137	77 971	165 000	180 130	72.39	9.17
Salt	(t)	14 317	12 429	10 069	13 778	11 230	-21.56	-18.49
Nat.Gas (Mio m3)		5 120	7 260	8 000	7 500	7 300	42.58	-2.67
Oil	(t)	44 744 966	46 156 700	44 900 000	44 500 000	46 683 500	4.33	4.91

### Remarks:

Ag = byproduct from Cu concentrate treatment, no indigenous copperproduction.

## Pakistan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	0	0	2 015	6 291	17 320	.	175.31
Chromium	(t)	5 968	5 000	7 478	5 180	9 789	64.02	88.98
Bauxite	(t)	4 460	2 280	3 179	9 662	14 333	221.37	48.34
Asbestos	(t)	100	90	120	130	140	40.00	7.69
Baryte	(t)	20 900	14 470	22 621	24 472	22 728	8.75	-7.13
Bentonite	(t)	11 790	10 750	10 796	13 998	14 303	21.31	2.18
Feldspar	(t)	11 750	27 370	14 428	31 168	31 456	167.71	0.92
Fluorspar	(t)	1 380	816	160	2 647	2 800	102.90	5.78
Gypsum	(t)	624 000	416 000	412 196	254 410	273 236	-56.21	7.40
Kaolin	(t)	0	0	74 965	72 262	65 794	.	-8.95
Magnesite	(t)	4 000	4 100	4 130	1 082	2 100	-47.50	94.09
Phosphate	(t)	8 000	15 000	16 000	10 000	5 000	-37.50	-50.00
Salt	(t)	890 000	966 000	1 058 653	1 115 763	1 250 000	40.45	12.03
Sulfur	(t)	500	500	210	200	180	-64.00	-10.00
Hard-Coal	(t)	3 010 000	3 402 000	1 500 000	1 600 000	1 500 000	-50.17	-6.25
Nat.Gas (Mio m3)		23 200	19 760	19 759	15 090	22 120	-4.66	46.59
Oil	(t)	2 715 100	3 035 196	3 039 550	2 543 174	2 726 550	0.42	7.21

## Panama

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	284	280	250	230	220	-22.54	-4.35
Silver	(kg)	404	400	380	350	330	-18.32	-5.71
Salt	(t)	30 000	28 000	29 763	25 266	25 000	-16.67	-1.05

## Papua New Guinea

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Copper	(t)	212 737	186 715	111 515	152 200	188 000	-11.63	23.52
Gold	(kg)	55 721	55 623	48 482	59 712	65 000	16.65	8.86
Silver	(kg)	66 228	64 304	49 165	59 295	59 000	-10.91	-0.50
Nat.Gas	(Mio m3)	107	110	100	100	95	-11.21	-5.00
Oil	(t)	5 001 500	5 430 200	5 500 000	5 600 000	5 219 500	4.36	-6.79

## Paraguay

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	7 000	7 500	6 500	6 300	6 000	-14.29	-4.76
Kaolin	(t)	70 000	75 000	80 000	100 000	150 000	114.29	50.00

## Peru

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	3 948 200	2 915 691	2 965 889	3 282 118	2 500 000	-36.68	-23.83
Molybdenum	(t)	3 411	3 667	3 835	4 344	5 471	60.39	25.94
Tungsten	(t)	728	331	279	76	0	-100.00	-100.00
Antimony	(t)	230	305	242	364	255	10.87	-29.95
Arsenic	(t)	274	320	837	624	1 611	487.96	158.17
Bismuth	(t)	581	939	774	868	705	21.34	-18.78
Cadmium	(t)	560	550	562	535	465	-16.96	-13.08
Copper	(t)	409 693	485 595	502 970	483 338	536 000	30.83	10.90
Lead	(t)	237 597	248 929	258 189	257 713	271 000	14.06	5.16
Tellurium	(t)	30	25	24	22	20	-33.33	-9.09
Tin	(t)	22 331	27 004	27 952	25 747	30 400	36.13	18.07
Zinc	(t)	692 290	760 353	865 267	868 757	899 000	29.86	3.48
Gold	(kg)	57 743	64 885	76 822	94 214	128 090	121.83	35.96
Silver	(kg)	1 928 853	1 976 536	2 076 536	2 024 570	2 217 000	14.94	9.50

Baryte	(t)	37 476	37 103	63 600	63 000	63 500	69.44	0.79
Bentonite	(t)	26 961	18 592	22 285	19 563	18 000	-33.24	-7.99
Boron	(t)	40 581	39 982	46 988	17 945	15 000	-63.04	-16.41
Diatomite	(t)	25 000	24 000	20 000	18 000	16 000	-36.00	-11.11
Feldspar	(t)	9 099	5 918	2 502	3 984	4 000	-56.04	0.40
Gypsum	(t)	25 340	65 446	64 863	71 018	75 000	195.97	5.61
Kaolin	(t)	8 445	14 295	7 875	4 968	4 000	-52.63	-19.48
Phosphate	(t)	20 000	18 000	17 000	46 821	50 000	150.00	6.79
Salt	(t)	140 200	145 000	79 492	220 310	250 000	78.32	13.48
Sulfur	(t)	65 000	60 000	55 000	40 000	35 000	-46.15	-12.50
Talc	(t)	20 000	25 000	25 000	20 000	18 000	-10.00	-10.00
Hard-Coal	(t)	80 000	82 000	80 000	80 000	75 000	-6.25	-6.25
Nat.Gas (Mio m3)		1 428	1 150	1 100	1 000	900	-36.97	-10.00
Oil	(t)	6 358 122	6 287 600	6 400 000	5 400 000	5 287 300	-16.84	-2.09

Remarks:

Sulphur: byproduct, estimated.

## Philippines

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Chromium	(t)	13 316	18 524	16 673	12 188	17 531	31.65	43.84
Nickel	(t)	15 074	14 700	17 400	12 840	9 374	-37.81	-26.99
Arsenic	(t)	2 000	2 000	2 000	1 000	900	-55.00	-10.00
Copper	(t)	102 637	61 615	48 638	45 381	37 631	-63.34	-17.08
Gold	(kg)	26 889	29 958	32 494	34 038	31 050	15.47	-8.78
Silver	(kg)	28 950	24 304	20 496	18 220	18 214	-37.08	-0.03
Bentonite	(t)	7 636	8 000	7 500	3 900	1 844	-75.85	-52.72
Feldspar	(t)	25 950	26 000	12 717	3 824	16 740	-35.49	337.76
Guano	(t)	57	50	20	25	20	-64.91	-20.00
Kaolin	(t)	3 543	3 000	1 440	2 000	5 465	54.25	173.25
Perlite	(t)	17 133	20 000	25 941	6 356	10 235	-40.26	61.03
Phosphate	(t)	3 752	4 000	4 800	7 506	1 000	-73.35	-86.68
Salt	(t)	600 000	620 000	686 514	700 000	704 347	17.39	0.62
Hard-Coal	(t)	1 320 000	1 700 000	1 100 000	1 400 000	1 204 979	-8.71	-13.93
Oil	(t)	157 190	100 000	90 000	80 000	44 790	-71.51	-44.01

## Poland

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Aluminium	(t)	52 000	52 100	53 614	52 500	46 750	-10.10	-10.95
Cadmium	(t)	252	204	233	218	200	-20.63	-8.26
Copper	(t)	433 000	425 000	440 644	479 000	496 000	14.55	3.55
Lead	(t)	70 000	66 000	71 000	64 300	64 000	-8.57	-0.47
Zinc	(t)	204 000	165 000	172 000	176 000	177 000	-13.24	0.57

Gold	(kg)	474	530	375	370	350	-26.16	-5.41
Silver	(kg)	964 000	934 044	1 028 916	1 100 000	1 096 000	13.69	-0.36
Baryte	(t)	26 000	22 000	20 000	25 000	28 000	7.69	12.00
Bentonite	(t)	0	3 000	2 000	2 100	2 300	.	9.52
Feldspar	(t)	46 000	64 000	74 000	75 000	77 000	67.39	2.67
Gypsum	(t)	1 038 000	1 082 000	1 039 000	1 000 000	1 000 000	-3.66	0.00
Kaolin	(t)	53 800	56 200	70 000	70 000	70 000	30.11	0.00
Magnesite	(t)	26 000	21 000	30 000	32 000	34 000	30.77	6.25
Salt	(t)	3 209 000	3 099 000	2 964 000	4 005 000	4 128 000	28.64	3.07
Sulfur	(t)	2 392 000	1 744 000	2 079 000	1 384 000	1 096 000	-54.18	-20.81
Hard-Coal	(t)	135 523 000	136 272 000	132 576 000	116 706 000	112 000 000	-17.36	-4.03
Lignite	(t)	63 545 000	63 845 000	63 197 000	62 820 000	60 800 000	-4.32	-3.22
Nat.Gas (Mio m3)		4 718	4 608	4 500	4 835	4 741	0.49	-1.94
Oil	(t)	176 000	317 000	181 030	352 000	425 000	141.48	20.74

Remarks:

1995 : 247 Mio m<sup>3</sup> methane anthrazit byproduct.

## Portugal

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	5 417	7 876	7 933	8 159	4 739	-12.52	-41.92
Tungsten	(t)	873	776	1 029	1 436	1 200	37.46	-16.43
Copper	(t)	130 041	107 773	106 580	114 515	99 472	-23.51	-13.14
Lead	(t)	100	90	0	0	0	-100.00	.
Lithium	(t)	131	114	86	200	135	3.05	-32.50
Tin	(t)	4 627	4 637	3 566	2 958	2 163	-53.25	-26.88
Silver	(kg)	38 600	33 700	33 900	31 880	26 450	-31.48	-17.03
Baryte	(t)	0	100	0	0	0	.	.
Diatomite	(t)	1 780	1 550	1 540	785	2 265	27.25	188.54
Feldspar	(t)	98 269	98 596	96 000	80 794	114 687	16.71	41.95
Gypsum	(t)	520 000	540 000	520 000	570 000	562 380	8.15	-1.34
Kaolin	(t)	180 000	165 000	97 000	216 000	200 809	11.56	-7.03
Salt	(t)	587 288	604 396	595 997	597 065	558 807	-4.85	-6.41
Talc	(t)	8 706	8 277	7 831	9 752	6 554	-24.72	-32.79
Hard-Coal	(t)	150 000	150 000	100 000	0	0	-100.00	.
Uranium	(t)	22	17	17	19	10	-54.55	-47.37

Remarks:

Titanium: not available.

### Puerto Rico

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Salt	(t)	37 500	37 000	36 500	36 000	36 000	-4.00	0.00

### Qatar

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Sulfur	(t)	53 900	53 000	50 000	47 000	46 000	-14.66	-2.13
Nat.Gas (Mio m3)		11 659	10 600	13 700	13 700	13 500	15.79	-1.46
Oil	(t)	24 305 861	24 900 000	25 100 000	30 400 000	32 988 700	35.72	8.52

### Ras Al-Khaimah (UAE)

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Oil	(t)	24 000	46 700	46 800	47 414	25 550	6.46	-46.11

### Romania

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	159 000	159 250	110 373	113 605	82 478	-48.13	-27.40
Manganese	(t)	26 245	29 442	20 647	20 012	13 312	-49.28	-33.48
Bauxite	(t)	175 000	175 800	117 100	135 200	136 000	-22.29	0.59
Copper	(t)	19 088	18 149	17 419	14 378	17 155	-10.13	19.31
Lead	(t)	6 213	6 285	6 191	6 540	7 612	22.52	16.39
Zinc	(t)	19 500	17 350	20 300	25 052	31 020	59.08	23.82
Gold	(kg)	539	518	500	490	470	-12.80	-4.08
Silver	(kg)	14 697	15 041	18 000	18 000	17 800	21.11	-1.11
Baryte	(t)	13 935	10 000	8 000	6 644	4 579	-67.14	-31.08
Bentonite	(t)	30 000	25 000	20 000	18 042	12 590	-58.03	-30.22
Diatomite	(t)	14 450	9 530	4 000	2 657	1 992	-86.21	-25.03
Feldspar	(t)	30 920	34 975	35 000	37 010	36 473	17.96	-1.45
Graphite	(t)	2 180	2 930	2 000	1 951	1 041	-52.25	-46.64
Kaolin	(t)	35 000	32 000	28 000	24 742	25 496	-27.15	3.05
Salt	(t)	2 489 300	2 688 900	2 800 000	2 200 037	2 196 759	-11.75	-0.15
Sulfur	(t)	130 000	120 000	110 000	100 000	90 000	-30.77	-10.00
Talc	(t)	10 000	10 250	10 400	8 133	9 039	-9.61	11.14
Hard-Coal	(t)	4 900 000	5 338 900	4 300 000	3 200 900	2 750 843	-43.86	-14.06
Lignite	(t)	35 671 100	36 326 000	29 000 000	22 690 100	20 130 300	-43.57	-11.28
Nat.Gas (Mio m3)		19 026	18 165	18 000	13 700	14 511	-23.73	5.92
Oil	(t)	6 700 033	6 610 000	6 700 000	6 600 000	6 131 000	-8.49	-7.11

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

## Russia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	43 065 000	39 655 000	38 940 000	39 765 000	45 210 000	4.98	13.69
Chromium	(t)	67 500	43 515	65 250	58 500	45 000	-33.33	-23.08
Cobalt	(t)	3 300	3 500	3 300	3 200	3 300	0.00	3.13
Molybdenum	(t)	4 500	4 000	4 000	2 000	2 400	-46.67	20.00
Nickel	(t)	200 000	190 000	260 000	250 000	260 000	30.00	4.00
Titanium	(t)	16 000	21 000	26 000	22 000	24 000	50.00	9.09
Tungsten	(t)	2 000	3 000	3 000	3 000	3 500	75.00	16.67
Vanadium	(t)	10 500	10 000	11 000	9 000	9 000	-14.29	0.00
Aluminium	(t)	2 790 000	2 150 000	2 380 000	2 465 000	2 657 000	-4.77	7.79
Antimony	(t)	6 500	7 000	6 000	4 000	4 000	-38.46	0.00
Arsenic	(t)	1 500	1 500	1 500	1 200	1 100	-26.67	-8.33
Bauxite	(t)	3 000 000	3 000 000	3 350 000	3 450 000	3 750 000	25.00	8.70
Bismuth	(t)	50	50	50	35	30	-40.00	-14.29
Cadmium	(t)	725	730	790	800	900	24.14	12.50
Copper	(t)	591 000	620 000	505 000	515 000	530 000	-10.32	2.91
Germanium	(t)	9	9	8	7	6	-33.33	-14.29
Lead	(t)	38 000	30 000	20 000	19 000	13 000	-65.79	-31.58
Lithium	(t)	800	800	800	750	700	-12.50	-6.67
Mercury	(t)	40	40	40	50	40	0.00	-20.00
Tin	(t)	9 000	8 000	7 500	4 500	4 500	-50.00	0.00
Zinc	(t)	200 000	199 000	121 000	115 000	123 000	-38.50	6.96
Gold	(kg)	131 938	123 347	123 000	104 000	126 000	-4.50	21.15
Platinum	(kg)	50 000	20 000	17 000	25 000	27 000	-46.00	8.00
Silver	(kg)	800 000	750 000	400 000	350 000	375 000	-53.13	7.14
Asbestos	(t)	800 000	800 000	700 000	650 000	670 000	-16.25	3.08
Baryte	(t)	70 000	70 000	70 000	60 000	55 000	-21.43	-8.33
Bentonite	(t)	1 400 000	1 400 000	1 300 000	1 250 000	1 200 000	-14.29	-4.00
Diam. (Gem)	(c)	8 500 000	9 250 000	9 550 000	10 500 000	11 500 000	35.29	9.52
Diam. (Ind)	(c)	8 500 000	9 250 000	9 550 000	10 500 000	11 500 000	35.29	9.52
Feldspar	(t)	55 000	55 000	75 000	80 000	85 000	54.55	6.25
Fluorspar	(t)	137 500	137 500	137 500	250 000	200 000	45.45	-20.00
Graphite	(t)	7 500	7 000	6 800	6 500	6 300	-16.00	-3.08
Gypsum	(t)	1 000 000	700 000	650 000	600 000	580 000	-42.00	-3.33
Kaolin	(t)	1 000 000	1 500 000	1 500 000	1 400 000	1 500 000	50.00	7.14
Magnesite	(t)	1 200 000	1 300 000	1 500 000	2 000 000	2 400 000	100.00	20.00
Perlite	(t)	100 000	90 000	80 000	70 000	65 000	-35.00	-7.14
Phosphate	(t)	1 275 000	1 081 500	1 080 000	1 425 000	1 500 000	17.65	5.26
Potash	(t)	2 800 000	2 700 000	3 400 000	3 500 000	3 400 000	21.43	-2.86
Salt	(t)	3 400 000	2 000 000	1 600 000	1 500 000	1 400 000	-58.82	-6.67
Sulfur	(t)	1 900 000	2 500 000	3 000 000	3 670 000	4 000 000	110.53	8.99
Talc	(t)	300 000	280 000	250 000	230 000	220 000	-26.67	-4.35
Vermiculite	(t)	40 000	40 000	35 000	30 000	28 000	-30.00	-6.67
Hard-Coal	(t)	170 500 000	194 900 000	161 000 000	153 920 000	180 700 000	5.98	17.40
Lignite	(t)	91 700 000	60 100 000	83 000 000	76 780 000	83 400 000	-9.05	8.62
Nat.Gas (Mio m3)		595 400	587 657	571 000	591 015	591 000	-0.74	0.00

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Oil	(t)	325 990 625	301 000 000	346 576 400	343 396 800	305 000 000	-6.44	-11.18
Oil-Shale	(t)	2 300 000	2 200 000	2 000 000	2 000 000	1 800 000	-21.74	-10.00
Uranium	(t)	2 250	2 400	2 358	2 358	2 120	-5.78	-10.09

Remarks:

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

## Rwanda

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Tantalum-Col.	(t)	100	99	256	260	265	165.00	1.92
Tungsten	(t)	85	104	78	75	73	-14.12	-2.67
Tin	(t)	0	208	0	140	150	.	7.14
Gold	(kg)	750	400	130	120	100	-86.67	-16.67

Remarks:

1995 and 1997:Tin: not available.

## Saudi Arabia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	155 000	139 160	110 000	100 000	132 810	-14.32	32.81
Copper	(t)	814	786	703	782	821	0.86	4.99
Zinc	(t)	386	380	619	355	316	-18.13	-10.99
Gold	(kg)	8 137	7 692	5 320	5 099	4 580	-43.71	-10.18
Silver	(kg)	17 681	16 536	17 000	13 844	10 472	-40.77	-24.36
Baryte	(t)	0	8 000	5 680	5 479	13 200	.	140.92
Feldspar	(t)	11 000	10 000	7 500	10 000	15 000	36.36	50.00
Gypsum	(t)	370 000	429 200	406 954	460 000	500 000	35.14	8.70
Kaolin	(t)	30 000	7 000	6 700	7 100	7 500	-75.00	5.63
Salt	(t)	91 000	128 000	155 575	104 347	132 905	46.05	27.37
Sulfur	(t)	1 000 000	1 500 000	1 600 000	1 500 000	1 800 000	80.00	20.00
Nat.Gas (Mio m3)		40 661	43 910	43 000	43 000	42 000	3.29	-2.33
Oil	(t)	402 800 000	400 900 000	415 900 000	404 100 000	388 559 962	-3.54	-3.85

## Senegal

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	0	567	600	600	630	.	5.00
Phosphate	(t)	574 992	628 140	593 560	589 000	700 878	21.89	18.99
Salt	(t)	25 100	57 000	50 000	60 000	65 000	158.96	8.33
Nat.Gas (Mio m3)		0	50	60	24	23	.	-4.17

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen



### Seychellen

	1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Guano (t)	1 000	900	900	800	750	-25.00	-6.25

### Sharjah (UAE)

	1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Nat.Gas (Mio m3)	4 000	4 500	4 500	4 700	4 400	10.00	-6.38
Oil (t)	240 000	391 100	395 400	395 590	365 000	52.08	-7.73

### Sierra Leone

	1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Titanium (t)	174 901	160 000	150 000	184 790	190 000	8.63	2.82
Gold (kg)	130	588	400	370	360	176.92	-2.70
Diam. (Gem) (c)	142 710	180 962	69 680	201 000	214 400	50.23	6.67
Diam. (Ind) (c)	76 150	89 130	34 320	99 000	105 600	38.67	6.67

### Slovakia

	1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron (t)	261 027	256 000	264 174	262 416	255 200	-2.23	-2.75
Aluminium (t)	60 561	70 000	110 100	108 006	106 000	75.03	-1.86
Copper (t)	400	913	691	670	124	-69.00	-81.49
Gold (kg)	476	470	456	340	302	-36.55	-11.18
Silver (kg)	372	367	356	436	287	-22.85	-34.17
Baryte (t)	41 600	45 600	18 500	15 300	31 600	-24.04	106.54
Bentonite (t)	52 500	76 000	79 760	81 010	60 000	14.29	-25.94
Diatomite (t)	5 000	4 500	3 000	2 500	2 300	-54.00	-8.00
Gypsum (t)	0	0	116 000	128 000	117 000	.	-8.59
Kaolin (t)	13 300	17 000	24 500	22 000	22 930	72.41	4.23
Magnesite (t)	814 500	825 000	868 000	877 800	917 700	12.67	4.55
Perlite (t)	18 200	27 000	25 000	24 000	19 200	5.49	-20.00
Salt (t)	99 600	103 200	97 000	102 200	99 900	0.30	-2.25
Talc (t)	26 000	26 200	26 000	21 200	21 000	-19.23	-0.94
Lignite (t)	3 759 572	3 829 062	3 914 000	3 890 000	3 742 262	-0.46	-3.80
Nat.Gas (Mio m3)	345	317	289	311	218	-36.81	-29.90
Oil (t)	74 300	71 314	64 480	46 000	60 264	-18.89	31.01

## Slovenia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Aluminium	(t)	35 595	100 316	74 400	73 803	70 000	96.66	-5.15
Mercury	(t)	4	0	0	0	0	-100.00	.
Lignite	(t)	4 883 700	4 668 080	4 163 000	4 891 287	3 804 000	-22.11	-22.23
Nat.Gas (Mio m3)		18	13	15	8	6	-66.67	-25.00
Oil	(t)	1 858	1 405	1 900	854	711	-61.73	-16.74

### Remarks:

Mercury: mine is closed down; periodical Hg-production less than 1t.

## Solomon Islands

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gold	(kg)	31	30	28	25	23	-25.81	-8.00
Silver	(kg)	9	8	5	3	2	-77.78	-33.33

## Somalia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	1 000	900	800	700	650	-35.00	-7.14
Salt	(t)	4 000	3 500	3 000	2 700	2 500	-37.50	-7.41

## South Africa, Rep. of

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	20 908 365	18 497 940	19 920 000	19 779 000	17 710 200	-15.30	-10.46
Chromium	(t)	2 337 667	2 137 506	2 468 629	2 786 400	2 931 310	25.39	5.20
Cobalt	(t)	190	244	319	296	305	60.53	3.04
Manganese	(t)	1 392 740	1 393 229	1 341 884	1 308 920	1 342 460	-3.61	2.56
Nickel	(t)	29 602	33 861	34 830	36 700	36 200	22.29	-1.36
Titanium	(t)	830 000	930 000	1 040 000	1 100 000	1 200 000	44.58	9.09
Vanadium	(t)	15 500	14 800	16 950	17 159	17 600	13.55	2.57
Aluminium	(t)	233 000	617 000	682 900	692 500	689 230	195.81	-0.47
Antimony	(t)	5 537	5 137	3 415	4 243	5 280	-4.64	24.44
Copper	(t)	159 475	152 062	153 058	166 000	144 000	-9.70	-13.25
Lead	(t)	87 965	88 613	83 114	84 100	80 000	-9.05	-4.88
Rare Earths	(t)	300	0	0	0	0	-100.00	.
Zinc	(t)	70 240	76 853	71 062	69 600	69 700	-0.77	0.14
Gold	(kg)	524 640	496 846	491 500	464 200	451 184	-14.00	-2.80
Platinum	(kg)	184 331	188 636	196 466	180 000	121 713	-33.97	-32.38
Silver	(kg)	172 912	168 689	143 968	144 500	151 960	-12.12	5.16

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Asbestos	(t)	89 406	56 900	49 986	27 200	18 700	-79.08	-31.25
Baryte	(t)	6 048	7 423	2 071	600	2 800	-53.70	366.67
Bentonite	(t)	70 927	48 076	33 326	48 400	50 700	-28.52	4.75
Diam. (Gem)	(c)	3 933 856	3 978 700	4 016 552	4 302 400	4 008 800	1.91	-6.82
Diam. (Ind)	(c)	5 900 785	5 968 050	6 024 828	6 453 600	6 013 200	1.91	-6.82
Diatomite	(t)	500	400	350	300	250	-50.00	-16.67
Feldspar	(t)	49 224	53 644	59 688	56 800	59 300	20.47	4.40
Fluorspar	(t)	195 794	202 018	206 765	228 600	217 500	11.09	-4.86
Gypsum	(t)	299 975	340 688	365 279	485 700	505 400	68.48	4.06
Kaolin	(t)	146 527	146 496	120 148	101 300	130 000	-11.28	28.33
Magnesite	(t)	84 289	71 358	76 699	74 300	74 000	-12.21	-0.40
Perlite	(t)	1 338	682	650	630	600	-55.16	-4.76
Phosphate	(t)	2 790 000	2 790 000	2 732 000	2 700 000	2 941 000	5.41	8.93
Potash	(t)	2 400	0	0	0	0	-100.00	.
Salt	(t)	313 465	248 110	320 000	356 100	358 600	14.40	0.70
Sulfur	(t)	458 962	476 235	466 192	451 900	408 800	-10.93	-9.54
Talc	(t)	14 730	18 537	23 184	22 832	22 000	49.36	-3.64
Vermiculite	(t)	221 748	186 082	211 001	221 300	217 800	-1.78	-1.58
Zircon	(t)	250 000	346 500	265 000	260 000	255 000	2.00	-1.92
Hard-Coal	(t)	204 275 895	206 362 033	218 617 320	224 580 000	223 357 000	9.34	-0.54
Uranium	(t)	1 699	1 706	1 324	1 138	1 093	-35.67	-3.95

## Spain

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	944 000	1 269 000	580 000	520 000	640 000	-32.20	23.08
Aluminium	(t)	361 000	361 826	359 900	360 400	363 900	0.80	0.97
Cadmium	(t)	397	297	301	196	190	-52.14	-3.06
Copper	(t)	22 359	38 397	38 281	37 185	30 000	34.17	-19.32
Lead	(t)	30 000	24 000	23 000	19 000	28 000	-6.67	47.37
Mercury	(t)	620	862	389	672	433	-30.16	-35.57
Tin	(t)	2	2	4	5	6	200.00	20.00
Zinc	(t)	172 000	145 000	147 000	128 000	155 000	-9.88	21.09
Gold	(kg)	3 255	2 763	1 824	3 295	5 081	56.10	54.20
Silver	(kg)	102 000	103 000	66 000	63 000	66 000	-35.29	4.76
Baryte	(t)	30 103	81 621	85 000	83 000	61 400	103.97	-26.02
Bentonite	(t)	150 000	120 199	120 000	110 000	190 000	26.67	72.73
Diatomite	(t)	28 271	34 122	35 000	36 000	50 000	76.86	38.89
Feldspar	(t)	465 000	420 000	398 000	429 000	450 000	-3.23	4.90
Fluorspar	(t)	112 000	117 000	120 000	135 000	142 000	26.79	5.19
Gypsum	(t)	7 700 000	7 900 000	8 300 000	9 250 000	9 450 000	22.73	2.16
Kaolin	(t)	300 000	318 000	296 000	310 000	320 000	6.67	3.23
Magnesite	(t)	219 000	199 000	171 000	170 000	211 000	-3.65	24.12
Potash	(t)	637 000	680 000	639 000	597 000	656 000	2.98	9.88
Salt	(t)	3 500 000	3 494 000	3 548 000	3 699 000	3 750 000	7.14	1.38
Sulfur	(t)	702 000	600 000	700 000	750 000	760 000	8.26	1.33
Talc	(t)	112 341	362 000	380 000	385 000	250 000	122.54	-35.06

Hard-Coal	(t)	17 689 000	18 866 000	17 993 000	16 321 000	15 420 000	-12.83	-5.52
Lignite	(t)	10 775 000	9 604 000	8 462 000	9 750 000	8 830 000	-18.05	-9.44
Nat.Gas (Mio m3)		415	466	178	112	143	-65.54	27.68
Oil	(t)	652 000	516 000	380 000	535 000	306 000	-53.07	-42.80
Uranium	(t)	334	346	350	351	363	8.68	3.42

### Sri Lanka

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Titanium	(t)	32 000	36 030	21 940	19 917	36 550	14.22	83.51
Rare Earths	(t)	120	120	120	100	90	-25.00	-10.00
Feldspar	(t)	6 500	6 000	2 010	3 387	3 400	-47.69	0.38
Graphite	(t)	3 500	4 000	4 613	5 260	3 500	0.00	-33.46
Kaolin	(t)	4 500	4 000	7 562	13 172	13 500	200.00	2.49
Phosphate	(t)	12 300	12 500	9 768	12 784	13 000	5.69	1.69
Salt	(t)	120 000	125 000	126 000	126 000	130 000	8.33	3.17
Zircon	(t)	18 000	20 000	12 450	8 814	8 500	-52.78	-3.56

### Sudan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Chromium	(t)	9 900	7 500	13 300	14 000	11 424	15.39	-18.40
Gold	(kg)	3 367	3 100	5 634	6 000	5 565	65.28	-7.25
Gypsum	(t)	1 800	2 000	9 212	15 000	11 144	519.11	-25.71
Salt	(t)	59 780	60 000	60 000	80 000	117 148	95.97	46.44

### Suriname

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Aluminium	(t)	28 100	26 000	23 100	27 100	30 000	6.76	10.70
Bauxite	(t)	3 502 132	4 000 000	3 877 000	3 890 000	3 900 000	11.36	0.26
Oil	(t)	371 540	414 410	420 000	260 793	391 188	5.29	50.00

### Swaziland

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Asbestos	(t)	28 570	26 000	25 900	27 700	22 912	-19.80	-17.29
Diam. (Gem)	(c)	12 000	12 800	13 000	13 200	12 000	0.00	-9.09
Diam. (Ind)	(c)	40 000	51 200	52 000	52 800	48 000	20.00	-9.09
Hard-Coal	(t)	171 670	128 970	203 100	410 000	426 299	148.32	3.98

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

## Sweden

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	10 678 841	9 416 960	9 809 205	13 461 760	12 096 000	13.27	-10.15
Aluminium	(t)	95 170	100 000	99 000	95 700	95 000	-0.18	-0.73
Copper	(t)	83 603	71 554	86 610	73 685	71 160	-14.88	-3.43
Lead	(t)	100 070	98 064	108 610	114 430	116 393	16.31	1.72
Zinc	(t)	167 962	160 325	155 385	164 711	174 448	3.86	5.91
Gold	(kg)	6 528	6 100	6 777	5 944	4 202	-35.63	-29.31
Silver	(kg)	268 200	272 000	304 050	299 051	341 584	27.36	14.22
Feldspar	(t)	50 000	55 000	41 400	33 000	34 000	-32.00	3.03
Graphite	(t)	0	500	1 470	3 277	4 144	.	26.46
Sulfur	(t)	20 000	0	0	0	0	-100.00	.
Talc	(t)	25	30	25	24	19	-24.00	-20.83

## Switzerland

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Aluminium	(t)	20 700	20 000	27 300	32 100	34 400	66.18	7.17
Gypsum	(t)	321 800	312 940	293 828	274 300	298 700	-7.18	8.90
Salt	(t)	413 000	464 000	415 400	400 900	540 800	30.94	34.90

## Syria

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	300 000	358 438	329 910	290 355	295 000	-1.67	1.60
Phosphate	(t)	400 000	656 352	741 173	748 236	638 017	59.50	-14.73
Salt	(t)	78 000	72 415	66 975	78 757	72 710	-6.78	-7.68
Sulfur	(t)	15 000	15 000	0	0	0	-100.00	.
Nat.Gas (Mio m3)		2 902	2 930	3 000	3 100	2 647	-8.79	-14.61
Oil	(t)	31 947 082	31 700 000	29 500 000	29 500 000	28 697 920	-10.17	-2.72

## Taiwan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Kaolin	(t)	100 000	102 000	100 000	0	0	-100.00	.
Salt	(t)	400 000	410 000	420 000	300 000	250 000	-37.50	-16.67
Sulfur	(t)	150 000	152 000	153 000	184 324	190 000	26.67	3.08
Talc	(t)	4 000	3 800	4 500	7 750	8 000	100.00	3.23

Hard-Coal (t)	234 965	147 497	98 203	79 310	75 000	-68.08	-5.43
Nat.Gas (Mio m3)	889	874	849	870	900	1.24	3.45
Oil (t)	62 000	0	0	0	0	-100.00	.

### Tajikistan

	1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Tungsten (t)	100	75	50	0	0	-100.00	.
Aluminium (t)	230 000	198 000	188 900	195 600	229 100	-0.39	17.13
Antimony (t)	800	500	600	995	1 000	25.00	0.50
Bismuth (t)	8	8	7	5	5	-37.50	0.00
Lead (t)	1 000	1 000	900	800	800	-20.00	0.00
Mercury (t)	60	60	40	35	25	-58.33	-28.57
Gold (kg)	1 000	1 500	2 550	3 200	2 700	170.00	-15.63
Gypsum (t)	250 000	250 000	230 000	200 000	190 000	-24.00	-5.00
Hard-Coal (t)	100 000	80 000	50 000	20 000	20 000	-80.00	0.00
Nat.Gas (Mio m3)	30	43	40	36	40	33.33	11.11
Oil (t)	38 000	30 000	28 000	25 000	20 000	-47.37	-20.00

### Tanzania

	1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Tin (t)	3	0	0	0	0	-100.00	.
Gold (kg)	320	318	315	300	250	-21.88	-16.67
Diam. (Gem) (c)	42 107	98 122	42 500	81 033	199 580	373.98	146.29
Diam. (Ind) (c)	7 431	17 316	7 500	14 300	35 220	373.96	146.29
Graphite (t)	100	200	250	250	230	130.00	-8.00
Kaolin (t)	596	1 332	1 000	1 200	1 500	151.68	25.00
Phosphate (t)	0	717	800	850	900	.	5.88
Salt (t)	105 000	86 700	85 000	82 000	80 000	-23.81	-2.44
Hard-Coal (t)	43 200	52 000	100 000	100 000	90 000	108.33	-10.00

### Thailand

	1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron (t)	34 480	85 880	44 000	90 700	122 633	255.66	35.21
Manganese (t)	3 478	3 095	291	52	721	-79.27	1286.54
Tungsten (t)	92	67	54	61	54	-41.30	-11.48

Antimony	(t)	522	149	125	442	130	-75.10	-70.59
Lead	(t)	9 576	8 686	5 040	6 445	9 989	4.31	54.99
Rare Earths	(t)	50	0	0	0	0	-100.00	.
Tin	(t)	1 585	1 049	756	2 028	3 400	114.51	67.65
Zinc	(t)	27 040	36 247	18 200	39 024	37 150	37.39	-4.80
Gold	(kg)	103	32	30	25	0	-100.00	-100.00
Baryte	(t)	21 134	20 404	36 832	96 421	68 012	221.81	-29.46
Bentonite	(t)	8 285	9 000	3 200	5 806	4 535	-45.26	-21.89
Diatomite	(t)	5 591	1 576	2 000	912	2 332	-58.29	155.70
Feldspar	(t)	660 563	662 200	536 000	325 289	398 558	-39.66	22.52
Fluorspar	(t)	24 144	17 247	7 826	3 743	13 005	-46.14	247.45
Gypsum	(t)	8 533 225	9 251 580	8 557 000	4 333 804	5 005 173	-41.34	15.49
Kaolin	(t)	460 629	553 770	296 510	248 461	113 005	-75.47	-54.52
Phosphate	(t)	2 000	3 528	3 818	3 029	3 880	94.00	28.10
Salt	(t)	380 511	529 674	555 000	546 096	540 000	41.91	-1.12
Talc	(t)	80 541	71 668	30 500	21 720	4 960	-93.84	-77.16
Zircon	(t)	0	5	10	0	0	.	.
Lignite	(t)	18 418 738	21 685 894	23 443 000	20 161 721	18 266 308	-0.83	-9.40
Nat.Gas (Mio m3)		10 400	10 500	13 000	17 614	19 195	84.57	8.98
Oil	(t)	1 165 921	1 064 890	1 364 121	1 523 846	1 717 223	47.28	12.69

## Togo

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Phosphate	(t)	946 920	1 013 600	983 554	850 700	620 830	-34.44	-27.02

## Trinidad and Tobago

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Nat.Gas (Mio m3)		7 762	8 100	8 000	9 581	9 700	24.97	1.24
Oil	(t)	6 803 502	7 000 000	6 800 000	6 387 630	6 489 700	-4.61	1.60

## Tunisia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	121 500	129 060	136 080	118 800	119 880	-1.33	0.91
Lead	(t)	6 160	4 480	2 000	7 000	10 000	62.34	42.86
Zinc	(t)	47 763	34 220	5 000	33 630	52 510	9.94	56.14
Silver	(kg)	2 500	1 500	1 500	400	350	-86.00	-12.50
Baryte	(t)	8 000	16 000	14 000	9 000	4 000	-50.00	-55.56
Fluorspar	(t)	2 000	1 000	2 000	1 000	1 000	-50.00	0.00

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Gypsum	(t)	180 000	180 000	160 000	150 000	155 000	-13.89	3.33
Phosphate	(t)	1 134 360	1 287 180	1 357 380	1 430 280	1 441 080	27.04	0.76
Salt	(t)	319 000	557 000	437 000	466 000	455 000	42.63	-2.36
Nat.Gas (Mio m3)		121	794	1 653	1 899	1 819	1403.31	-4.21
Oil	(t)	4 215 000	4 183 000	3 793 000	3 898 000	4 026 000	-4.48	3.28

Remarks:

1997 : Due to closures of some lead-zinc mines cutbacks of production.  
1998 and 1999: New lead & zinc operations.

## Turkey

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	3 303 888	4 205 498	4 112 421	3 943 237	3 246 841	-1.73	-17.66
Chromium	(t)	409 500	547 403	812 793	604 997	433 658	5.90	-28.32
Aluminium	(t)	61 500	62 100	62 000	61 800	60 000	-2.44	-2.91
Antimony	(t)	744	1 163	810	585	550	-26.08	-5.98
Bauxite	(t)	232 278	285 570	210 548	261 076	118 414	-49.02	-54.64
Cadmium	(t)	36	36	86	69	40	11.11	-42.03
Copper	(t)	33 700	53 607	39 675	50 814	54 053	60.39	6.37
Lead	(t)	2 500	12 000	12 000	10 800	5 462	118.48	-49.43
Zinc	(t)	35 000	50 000	32 000	45 795	46 300	32.29	1.10
Silver	(kg)	88 000	72 800	75 669	82 860	110 000	25.00	32.75
Baryte	(t)	100 751	155 000	140 840	160 042	150 058	48.94	-6.24
Bentonite	(t)	605 499	400 000	519 487	565 708	899 614	48.57	59.02
Boron	(t)	1 143 994	1 482 000	1 017 697	1 597 367	1 242 228	8.59	-22.23
Feldspar	(t)	760 250	500 000	200 000	734 311	923 147	21.43	25.72
Fluorspar	(t)	8 873	4 828	5 000	5 034	4 812	-45.77	-4.41
Graphite	(t)	20 000	20 000	19 000	18 000	17 000	-15.00	-5.56
Gypsum	(t)	670 208	679 595	784 662	351 557	242 960	-63.75	-30.89
Kaolin	(t)	489 635	300 000	477 383	403 733	449 454	-8.21	11.32
Magnesite	(t)	1 928 064	2 341 922	1 119 103	2 703 720	2 146 127	11.31	-20.62
Perlite	(t)	371 058	175 000	134 349	124 312	147 818	-60.16	18.91
Salt	(t)	1 442 050	2 012 000	2 500 000	2 169 626	2 146 127	48.82	-1.08
Sulfur	(t)	100 000	90 000	80 000	70 000	75 000	-25.00	7.14
Talc	(t)	3 500	3 000	3 200	3 700	4 000	14.29	8.11
Hard-Coal	(t)	3 377 334	3 320 000	4 444 865	3 336 021	3 024 295	-10.45	-9.34
Lignite	(t)	56 031 099	50 000 000	56 093 384	66 498 602	66 716 568	19.07	0.33
Nat.Gas (Mio m3)		182	204	450	562	718	294.51	27.76
Oil	(t)	3 515 689	3 500 193	3 427 814	3 226 873	2 939 479	-16.39	-8.91

## Turkmenistan

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Bentonite	(t)	50 000	48 000	45 000	40 000	38 000	-24.00	-5.00
Gypsum	(t)	120 000	169 577	137 400	130 000	128 000	6.67	-1.54

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen



Salt	(t)	10 000	15 000	30 000	35 000	38 000	280.00	8.57
Sulfur	(t)	100 000	100 000	150 000	170 000	175 000	75.00	2.94
Nat.Gas (Mio m3)		30 000	35 200	17 300	14 000	22 800	-24.00	62.86
Oil	(t)	4 000 000	4 400 000	4 700 000	6 500 000	7 000 000	75.00	7.69

## Uganda

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Tungsten	(t)	17	0	40	7	5	-70.59	-28.57
Tin	(t)	5	5	4	1	0	-100.00	-100.00
Gold	(kg)	1 800	2 000	6 830	8 150	9 000	400.00	10.43
Gypsum	(t)	0	0	0	142	150	.	5.63
Kaolin	(t)	0	0	0	100 000	120 000	.	20.00
Salt	(t)	3 500	3 000	2 500	2 000	1 800	-48.57	-10.00

## Ukraine

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	50 400 000	47 600 000	53 000 000	50 700 000	47 769 000	-5.22	-5.78
Manganese	(t)	1 100 000	1 040 000	1 030 000	1 446 900	1 293 500	17.59	-10.60
Nickel	(t)	2 200	500	0	0	0	-100.00	.
Titanium	(t)	200 000	200 000	200 000	250 000	250 000	25.00	0.00
Aluminium	(t)	90 000	90 000	100 000	106 700	112 000	24.44	4.97
Mercury	(t)	50	50	45	40	40	-20.00	0.00
Graphite	(t)	5 000	5 000	4 800	4 500	4 300	-14.00	-4.44
Potash	(t)	110 000	100 000	100 000	60 000	55 000	-50.00	-8.33
Salt	(t)	3 500 000	3 000 000	2 800 000	2 500 000	2 300 000	-34.29	-8.00
Sulfur	(t)	310 000	170 000	100 000	97 000	95 000	-69.35	-2.06
Vermiculite	(t)	0	0	0	50 000	55 000	.	10.00
Zircon	(t)	65 000	65 000	55 000	50 000	30 000	-53.85	-40.00
Hard-Coal	(t)	80 000 000	67 200 000	73 900 000	59 395 000	77 659 000	-2.93	30.75
Lignite	(t)	3 600 000	3 100 000	2 000 000	2 000 000	3 000 000	-16.67	50.00
Nat.Gas (Mio m3)		20 000	18 400	18 100	17 920	18 092	-9.54	0.96
Oil	(t)	4 500 000	4 100 000	4 100 000	3 895 000	3 791 000	-15.76	-2.67
Uranium	(t)	500	550	500	500	590	18.00	18.00

Abbreviations: see Explanation; Abkürzungen: siehe Einleitende Bemerkungen

Gold	(kg)	80 000	71 000	70 000	81 000	86 000	7.50	6.17
Feldspar	(t)	0	70 000	70 000	75 000	75 000	.	0.00
Fluorspar	(t)	80 000	80 000	90 000	95 000	93 000	16.25	-2.11
Hard-Coal	(t)	3 100 000	2 844 000	3 130 000	3 010 000	3 000 000	-3.23	-0.33
Nat.Gas (Mio m3)		47 000	49 000	51 200	54 790	55 600	18.30	1.48
Oil	(t)	5 000 000	7 600 000	7 891 000	8 103 700	8 100 000	62.00	-0.05
Uranium	(t)	2 358	2 005	2 305	2 276	2 360	0.08	3.69

## Venezuela

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	12 274 920	13 130 460	15 775 200	16 214 192	9 328 344	-24.00	-42.47
Aluminium	(t)	637 000	629 268	640 800	584 300	580 000	-8.95	-0.74
Bauxite	(t)	5 183 000	5 109 122	5 500 000	4 825 647	2 123 640	-59.03	-55.99
Gold	(kg)	7 793	12 127	22 322	8 808	11 000	41.15	24.89
Diam. (Gem)	(c)	118 400	116 000	113 600	38 724	52 000	-56.08	34.28
Diam. (Ind)	(c)	177 600	174 000	170 400	58 087	78 000	-56.08	34.28
Feldspar	(t)	230 000	195 723	160 000	158 000	156 000	-32.17	-1.27
Gypsum	(t)	100 000	30 149	80 000	72 000	70 000	-30.00	-2.78
Kaolin	(t)	6 000	8 472	5 000	4 500	4 300	-28.33	-4.44
Phosphate	(t)	39 000	60 900	87 300	96 600	109 800	181.54	13.66
Salt	(t)	460 000	460 000	450 000	430 000	420 000	-8.70	-2.33
Sulfur	(t)	140 000	140 000	130 000	120 000	110 000	-21.43	-8.33
Hard-Coal	(t)	4 600 000	4 127 789	5 280 000	6 324 000	6 753 000	46.80	6.78
Nat.Gas (Mio m3)		25 000	30 200	28 000	28 500	30 000	20.00	5.26
Oil	(t)	135 400 000	153 900 000	162 300 000	159 300 000	144 824 700	6.96	-9.09

## Viet Nam

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Chromium	(t)	1 400	1 300	1 300	2 000	1 800	28.57	-10.00
Titanium	(t)	36 000	36 000	35 000	44 550	49 500	37.50	11.11
Tin	(t)	3 600	4 500	4 800	2 770	2 500	-30.56	-9.75
Graphite	(t)	400	300	200	200	150	-62.50	-25.00
Gypsum	(t)	25 000	22 000	20 000	18 000	16 000	-36.00	-11.11
Kaolin	(t)	700	600	500	450	350	-50.00	-22.22
Phosphate	(t)	150 000	160 000	180 000	200 000	221 760	47.84	10.88
Salt	(t)	500 000	450 000	400 000	350 000	330 000	-34.00	-5.71
Hard-Coal	(t)	7 200 000	8 000 000	10 700 000	13 000 000	9 094 000	26.31	-30.05
Nat.Gas (Mio m3)		0	0	0	1 510	3 000	.	98.68
Oil	(t)	7 849 854	8 300 000	8 500 000	12 500 000	14 213 000	81.06	13.70

## Yemen, Republic of

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Gypsum	(t)	80 000	70 000	65 000	63 000	60 000	-25.00	-4.76
Salt	(t)	200 000	150 000	130 000	125 000	123 000	-38.50	-1.60
Oil	(t)	19 220 407	18 000 000	18 500 000	19 500 000	21 166 350	10.12	8.55

## Yugoslavia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	96 200	150 000	150 000	130 000	120 000	24.74	-7.69
Nickel	(t)	1 200	2 500	2 700	800	200	-83.33	-75.00
Aluminium	(t)	26 000	51 100	80 600	78 000	75 000	188.46	-3.85
Bauxite	(t)	150 000	323 000	470 000	226 000	220 000	46.67	-2.65
Cadmium	(t)	70	60	80	80	85	21.43	6.25
Copper	(t)	87 575	82 526	82 500	75 400	75 000	-14.36	-0.53
Lead	(t)	15 000	16 000	14 000	19 100	19 500	30.00	2.09
Zinc	(t)	14 700	21 800	18 900	15 000	14 000	-4.76	-6.67
Gold	(kg)	2 850	3 000	3 500	3 500	3 700	29.82	5.71
Platinum	(kg)	6	3	3	3	2	-66.67	-33.33
Silver	(kg)	31 100	68 300	42 600	34 500	34 000	9.32	-1.45
Asbestos	(t)	497	450	360	750	800	60.97	6.67
Feldspar	(t)	5 441	4 801	4 880	5 000	5 200	-4.43	4.00
Gypsum	(t)	40 342	44 257	32 124	35 000	37 000	-8.28	5.71
Kaolin	(t)	56 926	60 000	60 000	60 000	63 000	10.67	5.00
Magnesite	(t)	75 000	89 000	98 000	85 000	82 000	9.33	-3.53
Salt	(t)	20 000	15 000	20 000	18 000	16 000	-20.00	-11.11
Sulfur	(t)	100 000	80 000	100 000	90 000	85 000	-15.00	-5.56
Hard-Coal	(t)	57 000	63 000	92 000	105 000	110 000	92.98	4.76
Lignite	(t)	40 499 075	38 366 335	42 825 124	43 600 000	45 000 000	11.11	3.21
Nat.Gas (Mio m3)		906	671	688	715	730	-19.43	2.10
Oil	(t)	1 066 000	1 030 000	979 000	920 000	900 000	-15.57	-2.17

## Zaire

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Cobalt	(t)	3 967	4 041	4 041	3 944	0	-100.00	-100.00
Tantalum-Col.	(t)	20	10	10	8	0	-100.00	-100.00
Copper	(t)	35 512	38 900	37 700	35 000	0	-100.00	-100.00
Rare Earths	(t)	30	10	5	3	0	-100.00	-100.00
Zinc	(t)	4 518	3 162	1 686	1 234	0	-100.00	-100.00

Gold	(kg)	1 180	1 252	394	134	0	-100.00	-100.00
Silver	(kg)	9 000	9 000	1 000	0	0	-100.00	.
Diam. (Gem)	(c)	4 404 800	4 448 000	3 000 000	5 200 000	0	-100.00	-100.00
Diam. (Ind)	(c)	17 619 200	17 792 000	12 000 000	20 800 000	0	-100.00	-100.00
Sulfur	(t)	7 000	7 000	6 000	5 000	0	-100.00	-100.00
Oil	(t)	1 200 000	1 200 000	1 000 000	1 100 000	0	-100.00	-100.00

## Zambia

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Cobalt	(t)	5 908	5 126	5 126	4 016	3 802	-35.65	-5.33
Copper	(t)	299 900	324 200	315 700	282 833	260 223	-13.23	-7.99
Gold	(kg)	124	119	91	145	145	16.94	0.00
Silver	(kg)	10 000	8 676	6 900	8 239	8 500	-15.00	3.17
Sulfur	(t)	30 000	25 000	22 000	28 956	29 000	-3.33	0.15
Talc	(t)	380	380	350	300	300	-21.05	0.00
Hard-Coal	(t)	141 282	98 500	98 000	150 000	127 854	-9.50	-14.76

## Zimbabwe

		1995	1996	1997	1998	1999	Change 1995/1999	Change 1998/1999
Iron	(t)	186 811	194 365	287 419	222 953	359 190	92.27	61.11
Chromium	(t)	318 345	296 287	301 390	272 432	294 066	-7.63	7.94
Cobalt	(t)	189	106	126	100	129	-31.75	29.00
Nickel	(t)	10 864	9 694	10 134	10 135	9 594	-11.69	-5.34
Tungsten	(t)	0	0	2	0	0	.	.
Antimony	(t)	37	15	0	0	0	-100.00	.
Copper	(t)	8 045	9 028	6 832	2 941	4 977	-38.14	69.23
Lithium	(t)	837	773	1 246	701	917	9.56	30.81
Gold	(kg)	23 959	24 699	24 225	25 175	27 114	13.17	7.70
Platinum	(kg)	6	7	245	273	390	6400.00	42.86
Silver	(kg)	15 640	9 982	5 923	6 881	5 396	-65.50	-21.58
Asbestos	(t)	169 487	165 494	160 560	123 295	87 872	-48.15	-28.73
Baryte	(t)	500	1 150	1 217	1 844	3 140	528.00	70.28
Diam. (Gem)	(c)	67 088	131 180	126 392	85 116	75 000	11.79	-11.88
Diam. (Ind)	(c)	156 540	306 086	294 915	198 604	175 000	11.79	-11.88
Feldspar	(t)	3 920	3 248	2 254	2 241	1 915	-51.15	-14.55
Graphite	(t)	11 381	7 691	12 779	13 806	12 321	8.26	-10.76
Kaolin	(t)	57	0	0	0	0	-100.00	.

Magnesite	(t)	5 597	10 659	13 050	4 321	5 356	-4.31	23.95
Phosphate	(t)	46 345	36 789	31 687	27 430	25 429	-45.13	-7.29
Sulfur	(t)	30 000	30 000	25 000	23 000	22 000	-26.67	-4.35
Talc	(t)	2 080	1 076	1 023	1 039	1 081	-48.03	4.04
Vermiculite	(t)	13 742	10 249	14 841	14 804	12 844	-6.53	-13.24
Hard-Coal	(t)	4 743 486	5 174 685	5 300 749	5 048 977	4 977 355	4.93	-1.42

