



# **WORLD-MINING-DATA**

# **WELT-BERGBAU-DATEN**

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# Vorwort

*Der enorme Rohstoffbedarf insbesondere asiatischer Volkswirtschaften hat dazu geführt, dass eine Reihe wichtiger mineralischer Rohstoffe auf dem Weltmarkt nicht mehr im erforderlichen Ausmaß zur Verfügung steht. Davon ist insbesondere der Wirtschaftsraum der Europäischen Union betroffen, der sich selbst, unter anderem aus geologischen Gründen, nur unzureichend mit den benötigten mineralischen Rohstoffen versorgen kann.*

*Störungen der Versorgung mit mineralischen Rohstoffen haben negative Auswirkungen auf die Sachgüterproduktion, wodurch auch nachgeschaltete Wirtschaftszweige betroffen sein können. Die Europäische Kommission beschäftigt sich zur Zeit in Zusammenhang mit der Rohstoffinitiative intensiv mit der Frage, welche mineralischen Rohstoffe im Hinblick auf ihre Versorgungssicherheit und wirtschaftliche Bedeutung als besonders kritisch anzusehen sind. Die Kenntnis, woher welche mineralischen Rohstoffe stammen, ist daher für Fragen der Rohstoffsicherung von größter Bedeutung. Es freut mich besonders, dass dabei auf die vorliegenden WORLD MINING DATA zurückgegriffen wird und so Österreich einen wichtigen Beitrag zur europäischen Rohstoffsicherungspolitik leistet.*

*Mein Dank gilt den österreichischen Vertretungen im Ausland und allen internationalen Institutionen, die durch ihre aktive Mitarbeit am Zustandekommen dieser Rohstoffstatistik, die heuer zum 25. Mal erscheint, beigetragen haben.*

*Glück Auf!*

*Reinhold Mitterer*



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# EXPLANATION/ERLÄUTERUNGEN

## 1. Mineral Raw Materials / Mineralische Rohstoffe:

Extracted and processed minerals respectively are classified to five groups:

Die bearbeiteten Rohstoffe wurden in fünf verschiedene Rohstoffgruppen zusammengefasst:

Iron and Ferro-Alloy Metals	Eisen und Stahlveredler
Non-Ferrous Metals	Nichteisenmetalle
Precious Metals	Edelmetalle
Industrial Minerals	Industrieminerale
Mineral Fuels	Energierohstoffe

### Iron and Ferro-Alloy Metals / Eisen und Stahlveredler:

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

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

### Non-Ferrous Metals / Nichteisenmetalle:

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

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

### Precious Metals / Edelmetalle:

Gold, platinum-group metals (palladium, platinum, rhodium), silver

Gold, Platingruppenmetalle (Palladium, Platin, Rhodium), Silber

# EXPLANATION/ERLÄUTERUNGEN

## Industrial Minerals / Industrieminerale:

Asbestos, baryte, 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

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

## Mineral Fuels / Energierohstoffe:

Steam coal (incl. anthracite and sub-bituminous coal), coking coal, lignite, natural gas, crude oil, oil sands, oil shales, uranium

Kesselkohle (inkl. Anthrazit), Kokskohle, Braunkohle, Naturgas, Erdöl, Ölsande, Ölschiefer, Uran

## 2. Definitions / Definitionen:

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 (usually up to the first processing stage only).

Contents of output are mostly calculated empirically.

Mineralischer Rohstoff: Mineralischer Bestandteil der Erdkruste, nach welchem 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.

Wertstoff: Zumeist empirisch ermittelter, tatsächlich nutzbarer Inhalt eines bestimmten mineralischen Rohstoffes oder Mineralgemenges.

# EXPLANATION/ERLÄUTERUNGEN

## Weights and Measures / Maßeinheiten:

1 metric ton	1 metr.t	=	1000 kg
1 short ton	1 short t	=	907,2 kg
1 long ton	1 long t	=	1016,047 kg
1 lb (pound)	1 Pfund	=	0,4536 kg
1 troy ounce	1 Feinunze	=	31,1035 g
1 ct (carat)	1 ct (karat)	=	200 mg

## Conversion table / Umrechnungstabelle:

### Volume units / Raumeinheiten:

1 Cubic foot (ft <sup>3</sup> )	=	Cubic meter (m <sup>3</sup> )*0,028317
1 Kubikfuß (ft <sup>3</sup> )	=	Kubikmeter (m <sup>3</sup> )*0,028317
1 Cubic meter (m <sup>3</sup> )	=	Cubic foot (ft <sup>3</sup> )*35,31467
1 Kubikmeter (m <sup>3</sup> )	=	Kubikfuß (ft <sup>3</sup> )*35,31467
1 americ.(=petroleum) barrel (bbl)	=	42 liquid US gallons=158,98 l
1 flask Mercury	=	76 lb = 34,5 kg
1 Flasche Quecksilber	=	76 lb = 34,5 kg

### Conversion for Former Soviet Union Countries natural gas:

#### Umrechnung für Naturgas der GUS (CIS):

Former Soviet Union Countries 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 Former Soviet Union Countries values are multiplied by a factor of 0,9315.

Die Gasstatistik der ehemaligen Länder der Sowjetunion wird angegeben in m<sup>3</sup> unter einem Druck von 0,1 MPa und 20 C. Zum Vergleich mit dem westlichen Standard wird jener der Länder der früheren Sowjetunion mit einem Faktor von 0,9315 multipliziert.

### Conversion factor natural gas / Umrechnung für Naturgas:

1 Cubic meter	=	0,8 kg	= 0,0008 metr.t
1 Kubikmeter	=	0,8 kg	= 0,0008 metr.t

# EXPLANATION/ERLÄUTERUNGEN

Conversion for crude oil (approximate method):

Umrechnung für Rohöl (Näherungswerte):

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.

Pakistan rechnet die heimische Rohölproduktion 7,6 bbls =1 metr.t

Conversion factor lignite (metr. t to t CE = coal equivalents):

Umrechnungsfaktoren für Braunkohle (metr.t in t SKE = Steinkohleneinheiten):

Greece (Griechenland), Macedonia (Mazedonien) ..... 0,19

Germany (Deutschland) ..... 0,29

Afghanistan, Algeria (Algerien), Argentina (Argentinien), Bangladesh (Bangladesch), Belgium (Belgien), Belarus (Weißrussland), Bhutan, Botswana, Brazil (Brasilien), Burundi, Central African Rep. (Zentralafrikanische Republik), Chile, Colombia (Kolumbien), Costa Rica, Cuba (Kuba), Czech Republic (Tschechische Republik), Dominican Republic (Dominikanische Republik), Ecuador, Egypt (Ägypten), Ethiopia (Äthiopien), Falkland/Malvinas Islands (Falkland/Malvinas Inseln), Finland (Finnland), Georgia (Georgien), Haiti, Honduras, Indonesia (Indonesien), Iran, Ireland (Irland), Israel, Jamaica (Jamaika), Kazakhstan (Kasachstan), Korea DPR (Nordkorea), Korea, Rep. of (Südkorea), Kyrgystan (Kirgisistan), Malawi, Malaysia, Mali, Mexico (Mexiko), Mongolia (Mongolei), Morocco (Marokko), Mozambique (Mosambik), Nepal, Netherlands (Niederlande), New Caledonia (Neukaledonien), Niger, Norway (Norwegen), Oman, Poland (Polen), Rwanda (Ruanda), Sierra Leone, Slovakia (Slowakei), South Africa, Rep. of (Südafrika), Spain (Spanien), Sri Lanka, St. Vincent/Grenadine,

# EXPLANATION/ERLÄUTERUNGEN

Swaziland (Swasiland), Sweden (Schweden), Taiwan, Tajikistan (Tadschikistan), Tanzania (Tansania), Turkmenistan, Remaining Eastern Asia (Übriges Ostasien), Remaining Eastern Europe (Übriges Osteuropa), former USSR/CIS (früher UdSSR/GUS), Ukraine, United Kingdom (Vereinigtes Königreich Großbritannien und Nordirland), Uruguay, Uzbekistan (Usbekistan), Venezuela, Zaire, Zambia (Sambia), Zimbabwe (Simbabwe) ..... 0,30

Bosnia and Herzegovina (Bosnien und Herzegowina), Croatia (Kroatien), Kosovo (Kosovo), Serbia and Montenegro (Serbien und Montenegro), Slovenia (Slowenien), former Yugoslavia (früheres Jugoslawien) ..... 0,32

Australia (Australien), Cambodia (Kambodscha), Denmark (Dänemark), India (Indien), Japan, Laos, Madagascar (Madagaskar), Myanmar, Nigeria, Pakistan, Peru, Philippines (Philippinen), Romania (Rumänien), Thailand, Turkey (Türkei), Viet Nam (Vietnam) ..... 0,33

Italy (Italien) ..... 0,36

China, PR (VR China), France (Frankreich), Hungary (Ungarn) ..... 0,40

Russia (Russland) ..... 0,45

Albania (Albanien), Austria (Österreich), Bulgaria (Bulgarien), Canada (Kanada), New Zealand (Neuseeland), United States of America (Vereinigte Staaten von Amerika) ..... 0,50

Portugal ..... 0,58

Conversion factor hard coal (steam coal, coking coal) (metr. t to t CE  
≡ coal equivalents):

Umrechnungsfaktoren für Steinkohle (Kesselkohle, Kokskohle)  
(metr.t in t SKE Steinkohleneinheiten):

Indonesia (Indonesien) ..... 0,65

Armenia (Armenien), Georgia (Georgien), Tajikistan (Tadschikistan) ..... 0,66

# EXPLANATION/ERLÄUTERUNGEN

Cameroon (Kamerun), Chile, Ecuador, Pakistan, St. Vincent/Grenadines (St. Vincent/Grenadine), Sweden (Schweden) .....	0,70
India (Indien) .....	0,71
China, PR (VR China), Remaining Eastern Asia (Übriges Ostasien) .....	0,72
Croatia (Kroatien), Serbia and Montenegro, former Yugoslavia (Serbien und Montenegro, früheres Jugoslawien).....	0,76
Spain (Spanien) .....	0,77
Japan, Nigeria.....	0,78
Afghanistan, Albania (Albanien), Algeria (Algerien), Argentina (Argentinien), Bangladesh (Bangladesch), Bhutan, Bolivia (Bolivien), Bosnia and Herzegovina (Bosnien und Herzegowina), Botswana, Brazil (Brasilien), Bulgaria (Bulgarien), Burundi, Cambodia (Kambodscha), Central African Rep. (Zentralafrika), Costa Rica, Cuba (Kuba), Denmark (Dänemark), Dominican Rep. (Dominikanische Republik), Egypt (Ägypten), Ethiopia (Äthiopen), Falkland/Malvinas Islands (Falkland/Malvinas Inseln), Finland (Finnland), Greece (Griechenland), Haiti, Honduras, Hungary (Ungarn), Iran, Ireland (Irland), Israel, Italy (Italien), Jamaica (Jamaika), Korea, DPR (Nordkorea), Korea, Rep. of. (Südkorea), Laos, Madagascar (Madagaskar), Malawi, Malaysia, Mali, Mexico (Mexiko), Moldavia (Moldawien), Mongolia (Mongolei), Morocco (Marokko), Mozambique (Mosambik), Myanmar, Nepal, New Caledonia (Neukaledonien), New Zealand (Neuseeland), Niger, Norway (Norwegen), Oman, Peru, Philippines (Philippinen), Portugal, Remaining Asia (Übriges Asien), Romania (Rumänien), Russia (Russland), Rwanda (Ruanda), Sierra Leone, Sri Lanka, Swaziland (Swasiland), Taiwan, Tanzania (Tansania), Thailand, Tunisia (Tunesien), Uruguay, Venezuela, Viet Nam (Vietnam), Zaire, Zambia (Sambia), Zimbabwe (Simbabwe).....	0,80

# EXPLANATION/ERLÄUTERUNGEN

France (Frankreich), Poland (Polen), Remaining Africa (Sonstige Afrikaländer), South Africa, Rep. of (Südafrika) .....	0,85
Belgium (Belgien), United States of America (Vereinigte Staaten von Amerika) .....	0,86
Australia (Australien) .....	0,90
Turkey (Türkei) .....	0,91
Germany (Deutschland), Colombia (Kolumbien) .....	0,94
Canada (Kanada) .....	0,95

Conversion for salt brine: cubic meters x 0,3 = metric tons.  
Umrechnung von Salz in Sole: m<sup>3</sup> x 0,3 = metrische Tonne.

Sources and accuracy of data (see chapter 6.5):

Quellen- und Genauigkeitsangaben (bei Kapitel 6.5):

1 reported figure	gemeldet
2 estimated figure	geschätzt
3 provisional figure	vorläufig
a	by questionnaire/eigene Datenerhebung
b	US Geological Survey (former US Bureau of Mines) US Bureau of Mines/nunmehr US Geological Survey
e	National statistics/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 and ECE
n	Others/Sonstige
o	Oil & Gas Journal
p	IEA
q	International Consultative Group
r	BP plc
s	British Geological Survey/Britischer Geologischer Dienst
t	International Chromium Development Association

# EXPLANATION/ERLÄUTERUNGEN

## 3. Details on Contents, Weights and Measures / Angaben über Wertstoff und Dimensionen:

Figures shown in 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 following:

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

### Iron and Ferro Alloy Metals / Eisen und Stahlveredler:

Iron	Eisen	Fe	metr.t
Chromium	Chrom	Cr <sub>2</sub> O <sub>3</sub>	metr.t
Cobalt	Kobalt	Co	metr.t
Manganese	Mangan	Mn	metr.t
Molybdenum	Molybdän	Mo	metr.t
Nickel	Nickel	Ni	metr.t
Tantalum-Columbium	Tantal-Niob	Conc./ Konz.	metr.t
Titanium	Titan	TiO <sub>2</sub>	metr.t
Tungsten	Wolfram	W	metr.t
Vanadium	Vanadium	V <sub>2</sub> O <sub>5</sub>	metr.t

### Non-ferrous metals / Nichteisenmetalle:

Aluminium	Aluminium	smelter prod. Hüttenprod.	metr.t
Antimony	Antimon	Sb	metr.t
Arsenic	Arsen	As <sub>2</sub> O <sub>3</sub>	metr.t
Bauxite *)	Bauxit *)	ROM ore gross weight	metr.t
Bismuth	Wismut	Bi	metr.t
Cadmium	Kadmium	smelter prod.	metr.t
Copper	Kupfer	Cu	metr.t
Gallium	Gallium	Ga	metr.t
Germanium	Germanium	Ge	metr.t
Lead	Blei	Pb	metr.t



# EXPLANATION/ERLÄUTERUNGEN

Lithium	Lithium	Li <sub>2</sub> O	metr. t
Mercury	Quecksilber	Hg	metr. t
Rare Earth Minerals	Seltene Erden	Conc./ Konz.	metr. t
Tellurium	Tellur	Te	metr. t
Tin	Zinn	Sn	metr. t
Zinc	Zink	Zn	metr. t

\*) incl. nepheline-syenite and alunite in Former Soviet Union Countries

\*) einschließlich Nephelinsyenit und Alunit bei GUS/CIS-Ländern

## Precious metals / Edelmetalle:

Gold	Gold	Au	kg
Palladium	Palladium	Pd	kg
Platinum	Platin	Pt	kg
Rhodium	Rhodium	Rh	kg
Silver	Silber	Ag	kg

## Industrial minerals / Industriemineralien:

Asbestos	Asbest		metr. t
Baryte	Baryt		metr. t
Bentonite	Bentonit		metr. t
Boron minerals	Bormineralien		metr. t
Diamonds (Gem)	Schmuckdiamanten		carats
Diamonds (Ind)	Industriediamanten		carats
Diatomite	Diatomit		metr. t
Feldspar	Feldspat		metr. t
Fluorspar	Flussspat		metr. t
Graphite	Grafit		metr. t
Guano	Guano		metr. t
Gypsum and Anhydrite	Gips und Anhydrit		metr. t
Kaolin (China-Clay)	Kaolin		metr. t
Magnesite	Magnesit		metr. t
Perlite	Perlit		metr. t
Phosphate rock	Phosphat	P <sub>2</sub> O <sub>5</sub>	metr. t
Potash	Kalisalz	K <sub>2</sub> O	metr. t
Salt	Salz	rock, brines, marine salt Steinsalz, Salzsole, Meersalz	metr. t
Sulfur	Schwefel	elem. and ind. sulfur natürl. und industr. S	metr. t

# EXPLANATION/ERLÄUTERUNGEN

Talc, Steatite and Pyrophyllite	Talk, Steatit und Pyrophyllit		metr.t
Vermiculite	Vermiculit		metr.t
Zircon	Zirkon	Conc./Konz.	metr.t

## Mineral fuels / Energierohstoffe:

Steam coal (incl. anthracite, bituminous and sub-bituminous coal)	Kesselkohle (Anthrazit, bituminöse und sub-bituminöse Kohle)		metr.t
Coking coal	Kokskohle		metr.t
Lignite	Braunkohle		metr.t
Natural Gas	Naturgas		Mio m <sup>3</sup>
Oil	Erdöl	Rohöl	metr.t
Oil Sands	Ölsande		metr.t
Oil Shales	Ölschiefer		metr.t
Uranium	Uran	U <sub>3</sub> O <sub>8</sub>	metr.t

## 4. Regional and Sectoral Groups / Regionale und sektorale Untergliederungen:

### 4.1 Developing Status, Regional Groups of Producer Countries / Entwicklungsstatus und regionale Gruppierungen der Produzentenländer:

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 taking into consideration in particular UNCTAD and IIASA classifications. The classification has been adopted for statistical convenience only.

Grundsätzlich wurde versucht, sämtliche rohstoffproduzierende Länder zu erfassen. Die einzelnen Produzentenländer wurden dabei nach international gültigen Kriterien unter Beachtung der UNCTAD- bzw. IIASA-Klassifikation geordnet. Die nachstehende Klassifikation dient lediglich zur statistischen Berechnung (see fig. 5; siehe Fig. 5).

# EXPLANATION/ERLÄUTERUNGEN

## Important note (wichtiger Hinweis):

The designations "developed", "in transition" and "developing" are intended for statistical convenience and do not necessarily express a judgement about the stage reached by a particular country or area in the development process. Where the designations "economy" or "country or area" appear in tables, they cover countries, territories, cities and areas.

Die Bezeichnungen "Entwickelte Länder", "Übergangsländer" und "Entwicklungsländer" sind lediglich für den statistischen Gebrauch bestimmt und geben nicht zwingend die Meinung über das erreichte Entwicklungsstadium eines bestimmten Landes oder einer Region wieder. Die Begriffe "Wirtschaft", "Land" oder "Region" umfassen Länder, Territorien, Städte und Gebiete.

## Developed, developing countries

(Entwickelte Länder, Entwicklungsländer):

According / nach OECD GLOSSARY OF STATISTICAL TERMS

There is no established convention for the designation of "developed" and "developing" countries or areas in the United Nations system. In common practice, Japan in Asia, Canada and the United States in northern America, Australia and New Zealand in Oceania and Europe are considered "developed" regions or areas. In international trade statistics, the Southern African Customs Union is also treated as developed region and Israel as a developed country; countries emerging from the former Yugoslavia are treated as developing countries and countries of Eastern Europe and the former USSR countries in Europe are not included under either developed or developing regions (see economies in transition). For detailed list of developing countries see

<http://unstats.un.org/unsd/methods/m49/m49regin.htm>.

Es besteht nach dem Einteilungssystem der Vereinten Nationen keine allgemein gültige Grundlage für die Bezeichnung als "Entwickeltes Land" oder "Entwicklungsland". Allgemein werden Japan in Asien, Kanada und die Vereinigten Staaten von Amerika in Nordamerika, Australien und Neuseeland in Ozeanien und Europa als entwickelte Regionen angesehen.

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In den internationalen Handelsstatistiken werden die Südafrikanische Zollunion ebenso als entwickelte Region und auch Israel als entwickeltes Land geführt. Die osteuropäischen Länder und die Länder der ehemaligen USSR in Europa werden weder in der Gruppe der entwickelten Länder, noch der Entwicklungsländer geführt (siehe Übergangsländer). Eine detaillierte Auflistung der Entwicklungsländer ist unter

<http://unstats.un.org/unsd/methods/m49/m49regin.htm>. abzurufen.

*Source (Quelle):* United Nations. Standard country or Area Codes for Statistical Use. Series M, No. 49, Rev. 4 (United Nations publication, Sales No. M.98.XVII.9).

## Least Developed Countries / Geringst entwickelte Länder:

According / nach OECD GLOSSARY OF STATISTICAL TERMS

According to the General Assembly, on the recommendation of the Committee for Development Policy, countries listed below are included in the list of the least developed countries (year in brackets indicates the inclusion in the group):

Entsprechend der Generalversammlung der Vereinten Nationen werden auf Empfehlung des Komitees für Entwicklungspolitik die unten angeführten Länder als geringst entwickelte Länder geführt (das Jahr in der Klammer entspricht der Aufnahme in die Gruppe):

Africa (Afrika): Angola (1994), Benin (1971), Burkina Faso (1971), Burundi (1971), Central African Republic (Zentralafrikanische Rep.) (1975), Chad (Tschad) (1971), Comoros (Komoren) (1977), D. R. of the Congo (Kongo) (1991), Djibouti (Tschibuti) (1982), Equatorial Guinea (1982), Eritrea (1994), Ethiopia (Äthiopien) (1971), Gambia (1975), Guinea (1971), Guinea-Bissau (1981), Lesotho (1971), Liberia (1990), Madagascar (Madagaskar) (1991), Malawi (1971), Mali (1971), Mauritania (Mauretanien) (1986), Mozambique (Mosambik) (1988), Niger (1971), Rwanda (Ruanda) (1971), Sao Tome and Principe (1982), Senegal (2001), Sierra Leone (1982), Somalia (1971), Sudan (1971), Togo (1982), Uganda (1971), United Rep. of Tanzania (Tansania) (1971), Zambia (Sambia) (1991)

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Asia and the Pacific (Asien und Pazifik): Afghanistan (1971), Bangladesh (Bangladesch) (1975), Bhutan (1971), Cambodia (Kambodscha) (1991), Kiribati (1986), Laos P.D.R. (1971), Maldives (Malediven) (1971), Myanmar (1987), Nepal (1971), Samoa (1971), Solomon Islands (Salomonen) (1991), Tuvalu (1986), Vanuatu (1985), Yemen (Jemen) (1971)

Latin America and the Caribbean (Lateinamerika und Karibik): Haiti (1971)

*Source / Quelle:* United Nations. Office of the High Representative for the Least Developed Countries, Landlocked Developing Countries and Small Island Developing States (OHRLLS). United Nations Internet site [www.un.org](http://www.un.org)

## Economies in transition / Übergangsländer:

According / nach UNCTAD HANDBOOK OF STATISTICS (2008)

Asia (Asien): Armenia (Armenien), Azerbaijan (Aserbajdschan), Georgia (Georgien), Kazakhstan (Kasachstan), Kyrgyzstan (Kirgisistan), Turkmenistan, Tajikistan (Tadschikistan), Uzbekistan (Usbekistan)

Europe (Europa): Albania (Albanien), Belarus (Weißrussland), Bosnia and Herzegovina (Bosnien und Herzegowina), Croatia (Kroatien), Moldova (Moldawien), Russian Federation (Russische Föderation), Serbia and Montenegro (Serbien und Montenegro), The former Yugoslav Republic of Macedonia (die frühere Jugoslawische Republik Mazedonien), Ukraine

CPE: (Centrally Planned Economies / Staatshandelsländer)

China PR (VR China), Cuba (Kuba), Korea, DPR (Nordkorea), Mongolia (Mongolei), Viet Nam (Vietnam)

World Regions: (according to IIASA) / Welt-Regionen: (gemäß IIASA)

see fig. 3; siehe Fig. 3

CAS - Central Asia (Zentralasien): Kazakhstan (Kasachstan), Kyrgyzstan (Kirgisistan), Tajikistan (Tadschikistan), Turkmenistan, Uzbekistan (Usbekistan)

CPA - China & CPA: Cambodia (Kambodscha), China PR (VR China), Hong Kong, Laos, Mongolia (Mongolei), Korea, DPR (Nordkorea), Taiwan, Viet Nam (Vietnam)

# EXPLANATION/ERLÄUTERUNGEN

EEU - Eastern Europe (Osteuropa): Albania (Albanien), Bosnia and Herzegovina (Bosnien und Herzegowina), Bulgaria (Bulgarien), Croatia (Kroatien), Czech Republic (Tschechische Republik), Hungary (Ungarn), Macedonia (Mazedonien), Poland (Polen), Romania (Rumänien), Slovak Republic (Slowakei), Slovenia (Slowenien), former Yugoslavia (früheres Jugoslawien)

FSU - Former Soviet Union (Frühere Sowjetunion): Armenia (Armenien), Azerbaijan (Aserbaidshan), Belarus (Weißrussland), Estonia (Estland), Georgia (Georgien), Latvia (Lettland), Lithuania (Litauen), Moldavia (Moldawien), Russian Federation (Russische Föderation), Ukraine

LAM - Latin America (Lateinamerika): Antigua & Barbuda, Argentina (Argentinien), Bahamas, Barbados, Belize, Bermuda (Bermudas), Bolivia (Bolivien), Brazil (Brasilien), Chile, Colombia (Kolumbien), Costa Rica, Cuba (Kuba), Dominica, Dominican Republic (Dominikanische Republik), Ecuador, El Salvador, French Guyana (Französisch Guyana), Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica (Jamaika), Martinique, Mexico (Mexiko), Netherlands Antilles (Niederländische Antillen), Nicaragua, Panama, Paraguay, Peru, St. Kitts & Nevis, St. Lucia, St. Vincent, Suriname, Trinidad & Tobago, Uruguay, Venezuela

MEA - Middle East (Mittlerer Osten): Bahrain, Iran, Iraq (Irak), Israel, Jordan (Jordanien), Kuwait, Lebanon (Libanon), Oman, Qatar (Katar), Saudi Arabia (Saudi Arabien), Syria (Syrien), United Arab Emirates (Vereinigte Arabische Emirate), Yemen (Jemen)

NAF - North Africa (Nordafrika): Algeria (Algerien), Egypt (Ägypten), Libya (Libyen), Morocco (Marokko), Sudan, Tunisia (Tunesien)

NAM - North America (Nordamerika): Canada (Kanada), Guam, Puerto Rico, Virgin Islands (Jungferninseln), United States of America (Vereinigte Staaten von Amerika)

PAO - Pacific (Pazifischer Raum) OECD: Australia (Australien), Japan, New Zealand (Neuseeland)

PAS - Pacific Asia (Pazifischer Raum): American Samoa (Amerikanisches Samoa), Brunei, East Timor (Osttimor), Fiji (Fidschi), French Polynesia (Französisch Polynesien), Indonesia (Indonesien), Kiribati, Malaysia, Myanmar, New Caledonia (Neukaledonien), Papua New Guinea (Papua Neuguinea), Philippines (Philippinen), Singapore (Singapur), Solomon Islands (Salomonen), South Korea (Südkorea), Thailand, Tonga, Vanuatu, Western Samoa (Westsamoa)

# EXPLANATION/ERLÄUTERUNGEN

SAS - South Asia (Südasiens): Afghanistan, Bangladesh (Bangladesch), Bhutan, India (Indien), Maldives (Malediven), Nepal, Pakistan, Sri Lanka

SSA - Sub-Saharan Africa (Afrika südlich der Sahara): Angola, Benin, Botswana, British Indian Ocean Territory (Britisch indisches Inselgebiet), Burkina Faso, Burundi, Cameroon (Kamerun), Cape Verde (Kap Verde), Central African Republic (Zentralafrikanische Republik), Chad (Tschad), Comoros (Komoren), Congo (Kongo), Cote d'Ivoire (Elfenbeinküste), Djibouti (Tschibuti), Equatorial Guinea (Äquatorial Guinea), Eritrea, Ethiopia (Äthiopien), Gabon (Gabun), Gambia, Ghana, Guinea, Guinea-Bissau, Kenya (Kenia), Lesotho, Liberia, Madagascar (Madagaskar), Malawi, Mali, Mauritania (Mauretanien), Mauritius, Mozambique (Mosambik), Namibia, Niger, Nigeria, Réunion, Rwanda (Ruanda), St. Helena, Sao Tomé and Príncipe, Senegal, Sierra Leone, Seychelles (Seychellen), Somalia, South Africa, Rep. of (Südafrika), Swaziland (Swasiland), Tanzania (Tansania), Togo, Uganda, Zaire, Zambia (Sambia), Zimbabwe (Simbabwe)

WEU - Western Europe (Westeuropa): Andorra, Austria (Österreich), Azores (Azoren), Belgium (Belgien), Canary Islands (Kanarische Inseln), Cyprus (Zypern), Denmark (Dänemark), Faeroe Islands (Färöer), Finland (Finnland), France (Frankreich), Germany (Deutschland), Gibraltar, Greece (Griechenland), Greenland (Grönland), Iceland (Island), Ireland (Irland), Isle of Man, Italy (Italien), Liechtenstein, Luxembourg (Luxemburg), Madeira, Malta, Monaco, Netherlands (Niederlande), Norway (Norwegen), Portugal, Spain (Spanien), Sweden (Schweden), Switzerland (Schweiz), Turkey (Türkei), United Kingdom (Vereinigtes Königreich Großbritannien und Nordirland).

Apart from these, the membership of various countries in different economic blocks or other cartel-like associations was taken into consideration.

Darüber hinaus wurde die Zugehörigkeit der einzelnen Länder zu verschiedenen Wirtschaftsböcken oder anderen kartellartigen Zusammenschlüssen berücksichtigt.

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## 4.2 Economic Blocks or Cartel-like Associations / Wirtschaftsblöcke oder kartellartige Zusammenschlüsse:

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

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

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

**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.

Africa (Afrika): Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon (Kamerun), Cape Verde (Kap Verde), Central African Rep. (Zentralafrika), Chad (Tschad), Comoros (Komoren), Congo Dem. Rep. (Kongo Demokratische Republik), Congo Rep. (Kongo Republik), Côte d'Ivoire, Djibuti (Tschibuti), Equatorial Guinea, Ethiopia (Äthiopien), Gabon (Gabun), Gambia, Ghana, Guinea, Guinea-Bissau, Kenya (Kenia), Lesotho, Liberia, Madagascar (Madagaskar), Malawi, Mali, Mauretania (Mauretanien), Mauritius, Mozambique (Mosambik), Namibia, Niger, Nigeria, Rwanda (Ruanda), Sao Tome and Principe, Senegal, Seychelles (Seychellen), Sierra Leone, Somalia, South Africa, Sudan, Swaziland (Swasiland), Tanzania (Tansania), Togo, Uganda, (Zaire until / bis 1999), Zambia (Sambia), Zimbabwe (Simbabwe)

Caribbean (Karibik): Antigua-Barbuda, Bahamas, Barbados, Belize, Dominica, Dominican Republic (Dominikanische Republik), Grenada, Guyana, Haiti, Jamaica (Jamaika), St. Kitts-Nevis, St. Lucia, St. Vincent-Grenadines (St. Vincent und die Grenadinen), Suriname, Trinidad and Tobago

Pacific (Pazifik): Cuba, Fiji (Fidschi), Kiribati, Nauru, Papua New Guinea (Papua Neuguinea), Samoa, Solomon Islands (Salomonen), Tonga, Tuvalu, Vanuatu



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**ASEAN Countries (ASEAN-Staaten):** Association of South East Asian Nations

Brunei, Cambodia (1999), Indonesia (Indonesien), Laos (1997), Malaysia, Myanmar (1997), Philippines (Philippinen), Singapore (Singapur), Thailand, Vietnam (1995)

**COMECON:** Council for Mutual Economic Assistance

**RGW:** Rat der gemeinsamen Wirtschaft

Bulgaria (Bulgarien), Cuba (Kuba), Czechoslovakia (Tschechische Republik), German Democratic Republic (DDR), Hungary (Ungarn), Mongolia (Mongolei), Poland (Polen), Romania (Rumänien), USSR (UdSSR), Viet Nam (Vietnam)

This group dissolved in June 1991.

Diese Gruppe wurde im Juni 1991 aufgelöst.

**EC (EU):** European Community (Europäische Gemeinschaft)  
(Year of Entry) (Beitrittsjahr)

Austria (Österreich) (1995), Belgium (Belgien)(1952/58), Bulgaria (Bulgarien) (2005), Cyprus (Zypern) (2004), Czech Republic (Tschechische Republik) (2004), Denmark (Dänemark) (1973), Estonia (Estland) (2004), Finland (Finnland) (1995), France (Frankreich) (1952/58), Germany (Deutschland) (1952/58), Greece (Griechenland) (1981), Hungary (Ungarn) (2004), Ireland (Irland) (1973), Italy (Italien) (1952/58), Latvia (Lettland) (2004), Lithuania (Litauen) (2004), Luxemburg (1952/58), Malta (2004), Netherlands (Niederlande) (1952/58), Poland (Polen) (2004), Portugal (1986), Romania (Rumänien) (2005), Slovakia (Slowakei) (2004), Slovenia (Slowenien) (2004), Spain (Spanien) (1986), Sweden (Schweden) (1995), United Kingdom and North Ireland (Vereinigtes Königreich Großbritannien, Nordirland) (1973)

**EFTA (EFTA-Länder):** European Free Trade Association

Austria (Österreich) (until/bis 1994), Finland (Finnland) (until/bis 1994), Iceland (Island), Liechtenstein, Norway (Norwegen), Sweden (Schweden) (until/bis 1994), Switzerland (Schweiz)

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**G8:** Group of the most important industrialized countries  
(Gruppe der bedeutendsten Industriestaaten)

[G7: Canada (Kanada), Germany (Deutschland), France (Frankreich), Italy (Italien), Japan, United Kingdom (Vereinigtes Königreich Großbritannien und Nordirland), United States of America (Vereinigte Staaten von Amerika)] including Russia (einschließlich Russland)

**MERCOSUR** (span.: Mercado Comun del Sur); (MERCOSOL, port. Mercado comun do Cone Sul): Common Market of the South:  
(Gemeinsamer Markt des Südens)

Treaty since January 1, 1995 between Argentina, Brazil, Paraguay and Uruguay establishing a common market; associated members: Bolivia, Chile; Venezuela joined MERCOSUR in July 2006.

Wirtschaftsverbund Argentinien, Brasiliens, Paraguays und Uruguays;  
Partnerländer: Bolivien und Chile; Gründung: 1. Jänner 1995; Venezuela trat im Juli 2006 bei.

**NAFTA:** (North American Free Trade Association)  
(Nordamerikanische Freihandelszone)

Canada (Kanada), Mexico (Mexiko), United States of America (Vereinigte Staaten von Amerika)

This association was established on January 1, 1994.

Dieser Wirtschaftsblock trat am 1.1. 1994 in Kraft.

**OECD:** Organization for Economic Cooperation and Development  
(Year of entry) (Beitrittsjahr)

Australia (Australien) (1971), Austria (Österreich) (1961), Belgium (Belgien) (1961), Canada (Kanada) (1961), Czech Republic (Tschechische Republik) (1995), Denmark (Dänemark) (1961), Germany (Deutschland) (1961), Finland (Finnland) (1969), France (Frankreich) (1961), Greece (Griechenland) (1961), Hungary (Ungarn) (1996), Iceland (Island) (1961), Ireland (Irland) (1961), Italy (Italien) (1962), Japan (1964), Korea Republic (Südkorea) (1996), Luxemburg (1961), Mexico (Mexiko) (1994), Netherlands (Niederlande) (1961), New Zealand (Neuseeland) (1973), Norway (Norwegen) (1961), Poland (Polen) (1996), Portugal (1961), Slovakia (Slowakei) (2000) Spain (Spanien) (1961), Sweden

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(Schweden) (1961), Switzerland (Schweiz) (1961), Turkey (Türkei) (1961), United Kingdom (Vereinigtes Königreich Großbritannien und Nordirland) (1961), United States of America (Vereinigte Staaten von Amerika) (1961)

**OPEC:** Organization of Petroleum Exporting Countries  
(Organisation der Erdöl exportierenden Länder)

Algeria (Algerien) (1969), Angola (2007), Ecuador (rejoined 2007 Wiedereintritt 2007), Indonesia (Indonesien) (1962), the Islamic Republic of Iran (Iran) (1960), Iraq (Irak) (1960), Kuwait (1960), the Socialist People's Libyan Arab Jamahiriya (Libyen) (1962), Nigeria (1971), Qatar (Katar) (1961), Saudi Arabia (Saudi Arabien) (1960), United Arab Emirates (Vereinigte Arabische Emirate) (1967), Venezuela (1960).

**SADC:** Southern African Developing Community  
(Gemeinschaft der südlichen afrikanischen Entwicklungsländer)

Angola, Botswana, Congo D.R. (since 1997), Lesotho, Madagascar (2005-2009), Malawi, Mauritius, Mozambique (Mosambik), Namibia, Seychelles (1997-2004, 2008) South Africa, Rep. of (since August 29, 1994) (Südafrika seit 29. August 1994), Swaziland (Swasiland), Tanzania (Tansania), Zambia (Sambia), Zimbabwe (Simbabwe).

## 4.3 Political Stability of Producer Countries / Politische Stabilität der Produzentenländer:

The worldwide Governance Indicators rely on 31 sources, including surveys of enterprises and citizens, and expert polls, gathered from 25 different organizations around the world (D. KAUFMANN, A. KRAAY & M. MASTRUZZI 2009). These provide data derived from hundreds of questions of governance. Each question is mapped to one of the six dimensions of governance (1) Voice and Accountability, (2) Political Stability and Absence of Violence; (3) Government Effectiveness; (4) Regulatory Quality; (5) Rule of Law; (6) Control of Corruption, before the aggregation is carried out:

Definition of Political stability and absence of violence: A measure of the perception of the likelihood that the government will be destabilized or overthrown by unconstitutional or violent means, including political violence and terrorism.

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The values of measurement are indexed with a mean of zero and a standard deviation of one in each period. Virtually all scores lie between -2,5 and +2,5, with higher scores corresponding to better outcomes. The aggregate estimates convey no information about trends in global averages of governance but they are, of course, informative about changes in individual countries over time.

Classes of political stability used in WMD: Estimates  $\leq -1,25$ : extremely unstable;  $\leq 0$  to  $-1,25$ : unstable;  $> 0$  to  $+1,25$ : fair;  $\geq 1,25$ : stable;

see fig. 6; siehe Fig. 6

## More information / Weiterführende Information:

Kaufmann, Daniel, Kraay, Aart and Mastruzzi, Massimo, "Governance Matters VIII Governance Indicators for 1996-2008" (June 2009). World Bank Policy Research Working Paper No. WPS 4978.

Die weltweit erhobenen Kontroll-Indikatoren beruhen auf 31 verschiedenen Quellen einschließlich Befragungen von Unternehmen, Bürgern und Experten, die von 25 unterschiedlichen Organisationen weltweit durchgeführt wurden (D. KAUFMANN, A. KRAAY & M. MASTRUZZI, 2009). Dabei wurden hunderte von Fragen betreffend die Steuerungs- oder Regelungssysteme der einzelnen Staaten ausgewertet. Jede Frage kann einem von 6 Schwerpunkten zugeordnet werden (1) Voice and Accountability, (2) Political Stability and Absence of Violence; (3) Government Effectiveness; (4) Regulatory Quality; (5) Rule of Law; (6) Control of Corruption.

Definition der Politischen Stabilität und Gewaltfreiheit: Begriff der Wahrscheinlichkeit, dass eine Regierung destabilisiert oder durch verfassungswidrige Umstände gestürzt wird, einschließlich politischer Verfolgung und Terrorismus.

Die Einheit, in der die Kontroll-Indikatoren für jeden Beobachtungszeitraum gemessen werden, folgt einer Normalverteilung mit einem Mittelwert 0 und einer Standardabweichung von 1. Konkret kommen alle Ergebniszahlen zwischen -2,5 und + 2,5 zu liegen. Die jeweiligen Ergebnisse geben zwar keine Information über globale Entwicklungen, wohl aber zeitliche Veränderungen in den jeweiligen Ländern in den Beobachtungsperioden wieder.

Einteilung der Klassen der politischen Stabilität, wie sie in den WMD verwendet werden: Schätzwerte  $\leq -1,25$ : extrem instabil;  $\leq 0$  bis  $-1,25$ : instabil;  $\geq 0$  bis  $+1,25$ : unauffällig;  $\geq 1,25$ : stabil.

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## 4.4 Minerals Production by GNI (Gross National Income) of Producer Countries / Rohstoffproduktion nach BNE (Brutto National Einkommen) der Produzentenländer:

For analytical purposes World bank member economies and all other economies with population of more than 30.000 inhabitants, economies are classified annually among income groups to gross national income (GNI) per capita, calculated using the World Bank Atlas method. The groups are: low income, lower middle income, upper middle income, high income (see fig. 4).

Für analytische Untersuchungen wurden sämtliche Mitgliedsländer der Weltbank und Länder mit mehr als 30.000 Einwohnern jährlich nach ihrem Pro-Kopf Brutto Nationaleinkommen (BNE) klassifiziert. Die Gliederung erfolgte in die Gruppen: geringes Einkommen, geringes mittleres Einkommen, höheres mittleres Einkommen, hohes Einkommen (siehe Fig. 4).

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
	see/siehe 1987									
L	-	-	-	≤ 480	≤ 545	≤ 580	≤ 610	≤ 635	≤ 675	≤ 695
LM	-	-	-	≤ 1940	≤ 2200	≤ 2335	≤ 2465	≤ 2555	≤ 2695	≤ 2785
UM	-	-	-	≤ 6000	≤ 6000	≤ 6000	≤ 7620	≤ 7910	≤ 8355	≤ 8625
H	-	-	-	> 6000	> 6000	> 6000	>7620	> 7910	> 8355	> 8625
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
L	≤ 725	≤ 765	≤ 785	≤ 785	≤ 760	≤ 755	≤ 755	≤ 745	≤ 735	≤ 765
LM	≤ 2895	≤ 3035	≤ 3115	≤ 3125	≤ 3030	≤ 2995	≤ 2995	≤ 2975	≤ 2935	≤ 3035
UM	≤ 8955	≤ 9385	≤ 9645	≤ 9655	≤ 9360	≤ 9265	≤ 9265	≤ 9205	≤ 9075	≤ 9385
H	> 8955	> 9385	> 9645	> 9655	> 9360	> 9265	> 9265	9205	> 9075	> 9385
	2004	2005	2006	2007	2008					
L	≤ 825	≤ 875	≤ 905	≤ 935	≤ 975					
LM	≤ 3255	≤ 3465	≤ 3595	≤ 3705	≤ 3855					
UM	≤ 10065	≤ 10725	≤ 11115	≤ 11455	≤ 11905					
H	> 10065	> 10725	> 11115	> 11455	> 11906					

From/aus: World Bank Analytical Classification World Development Indicators GNI per capita in US\$

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## 4.5 Concentration of producer countries / Marktkonzentration der Produzentenländer

The Herfindahl-Hirschman Index (HHI) is a commonly accepted measure of market concentration. It is calculated by squaring the market share of each firm competing in the market and then summing the resulting numbers. Only one firm means 100% market share. In this case the HHI would equal 10.000 ( $100^2$ ), indicating a monopoly. A market consisting of four firms with shares of 30%, 20%, 10% and 5%, results in a HHI of  $(30^2 + 20^2 + 10^2 + 5^2) = 1425$ . The HHI takes into account the relative size and distribution of the firms in a market and approaches zero when a market consists of a large number of firms of relatively equal size. The HHI increases both as the number of firms in the market decreases and as the disparity in size between those firms increases.

In United States markets in which the HHI is between 1000 and 1800 points are considered to be moderately concentrated, and those in which the HHI is in excess of 1800 points are considered to be concentrated. In the EU the threshold to concentrated markets is 2000.

In chapter 6.6 the concentration of producer countries is calculated by the HHI similarly to the firms index. To avoid misunderstandings with the "classical" HHI, the countries concentration index is named as  ${}_{(mod)}HHI_{(ct)}$ .

Der Herfindahl-Hirschmann Index (HHI) ist eine allgemein anerkannte Maßzahl für Marktkonzentrationen. Er errechnet sich durch die Summe der Quadrate der Anteile eines Unternehmens am (Welt-)markt. Besteht lediglich ein einziges Unternehmen (100 % Marktanteil), erreicht der HHI seinen Maximalwert von 10.000 ( $100^2$ ), was einem Monopol gleichkommt. Bei einem Markt, bestehend aus vier Unternehmen mit Marktanteilen von 30%, 20%, 10% und 5% erreicht der HHI einen Wert von  $(30^2 + 20^2 + 10^2 + 5^2) = 1425$ . Der HHI berücksichtigt die relative Größe und die Verteilung von Produzenten in einem Markt und erreicht einen Wert von 0, wenn der Markt aus einer Vielzahl von Unternehmen mit relativ gleicher Größe besteht. Der HHI steigt aber ebenso an, wenn die Anzahl der Unternehmen sinkt, oder die Größen der einzelnen Unternehmen stark unterschiedlich sind.

In den Vereinigten Staaten gilt ein Markt als mäßig konzentriert, wenn der HHI zwischen 1000 und 1800 liegt. Liegt der HHI über 1800, gilt der Markt als konzentriert. In der EU liegt die Schwelle von mäßig konzentriert zu konzentriert bei 2000.

Im Kapitel 6.6 wird die Konzentration von Produzentenländern ausgewiesen, analog wie dies bei Unternehmenskonzentrationen

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angegeben werden kann. Um Missverständnisse zum „klassischen“ HHI zu vermeiden, wird die Maßzahl der Länderkonzentration als  ${}_{(mod)}HHI_{(ct)}$  bezeichnet.

## 5. Data capture / Erfassungsmodalität:

Collection of data relating to mineral raw materials has been carried out by 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) and the USGS data sets have also been very useful.

For the present publication the complete data set has been revised carefully. 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, the compilers would be grateful to learn of any corrections that can be made to the database.

**Deadline: February 28, 2010**

Data received later than February 28, 2010 will be implemented in the next edition of this report.

Please send any remarks to

[leopold.weber@bmwfj.gv.at](mailto:leopold.weber@bmwfj.gv.at)

Die Erfassung der Rohstoffe erfolgte durch Auswertung von Fragebögen, die an die Nationalkomitees der Weltbergbaukongressmitgliedsländer sowie an andere Institutionen, wie Botschaften, Außenhandelsstellen usw. ausgesendet wurden. Wo darüber hinaus offizielle Bergbaustatistiken verfügbar waren, wurden diese Angaben mitverwertet. Wertvolle Hilfestellungen leisteten dabei Datensammlungen wie jene des British Geological Surveys (World Mineral Statistics) bzw. die Datensammlungen des USGS.

Für die vorliegende Publikation wurde der gesamte Datenbestand sorgfältig revidiert. Wo trotz sorgfältigsten Quellenstudiums, trotz vermuteter Rohstoffproduktion, keine Zahlenangaben erhältlich waren, wurden diese Daten geschätzt. Abschließend sei bemerkt, dass die Rechenarbeit zwar

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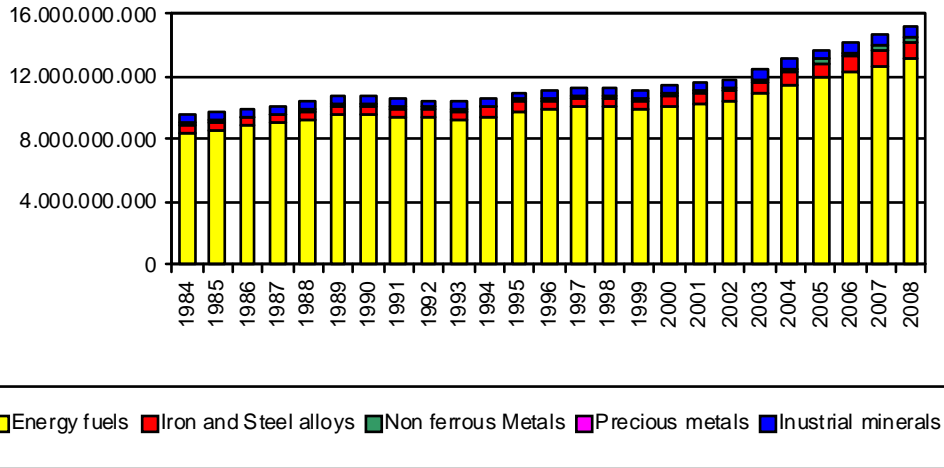


Fig. 1 World mining production 1984 - 2008 by groups of minerals  
(without construction minerals)  
Weltbergbauproduktion 1984 - 2008 nach Rohstoffgruppen  
(ohne Baurohstoffe)

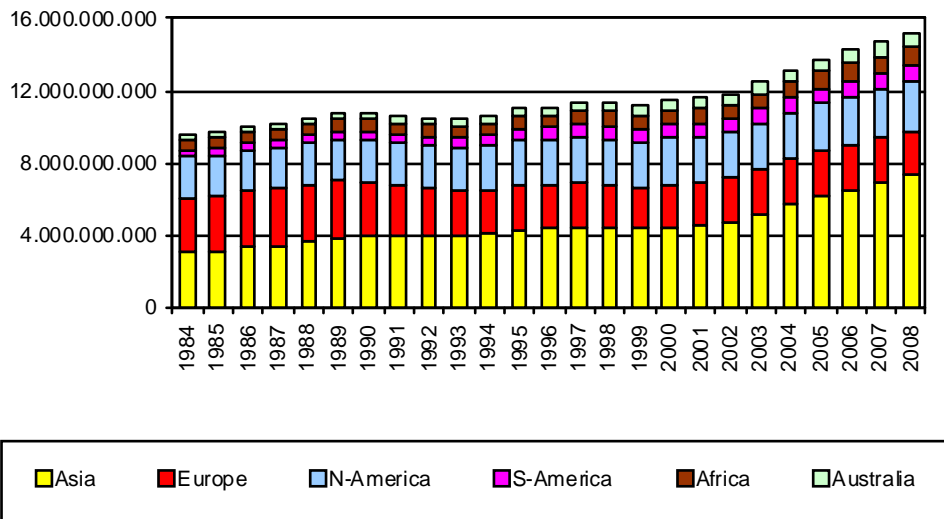


Fig. 2: World mining production 1984 - 2008 by continents  
(without construction minerals)  
Weltbergbauproduktion 1984 - 2008 nach Kontinenten  
(ohne Baurohstoffe)

# EXPLANATION/ERLÄUTERUNGEN

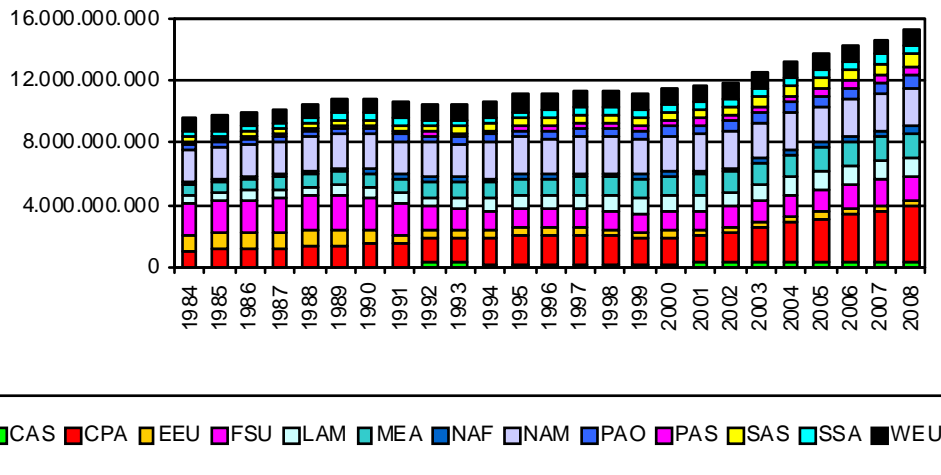


Fig. 3: World mining production 1984 - 2008 by world regions (acc. IIASA)  
(without construction minerals)  
Weltbergbauproduktion 1984 - 2008 nach Weltregionen (gem. IIASA)  
(ohne Baurohstoffe)

CAS - Central Asia (Zentralasien); CPA - China & CPA; EEU - Eastern Europe (Osteuropa); FSU - Former Soviet Union (Frühere Sowjetunion); LAM - Latin America (Lateinamerika); MEA - Middle East (Mittlerer Osten); NAF - North Africa (Nordafrika); NAM - North America (Nordamerika); PAO - Pacific (Pazifischer Raum) OECD; PAS - Pacific Asia (Pazifischer Raum); SAS - South Asia (Südasien); SSA - Sub-Saharan Africa (Afrika südlich der Sahara); WEU - Western Europe (Westeuropa)  
Details see Explanation; Details siehe Erläuterungen

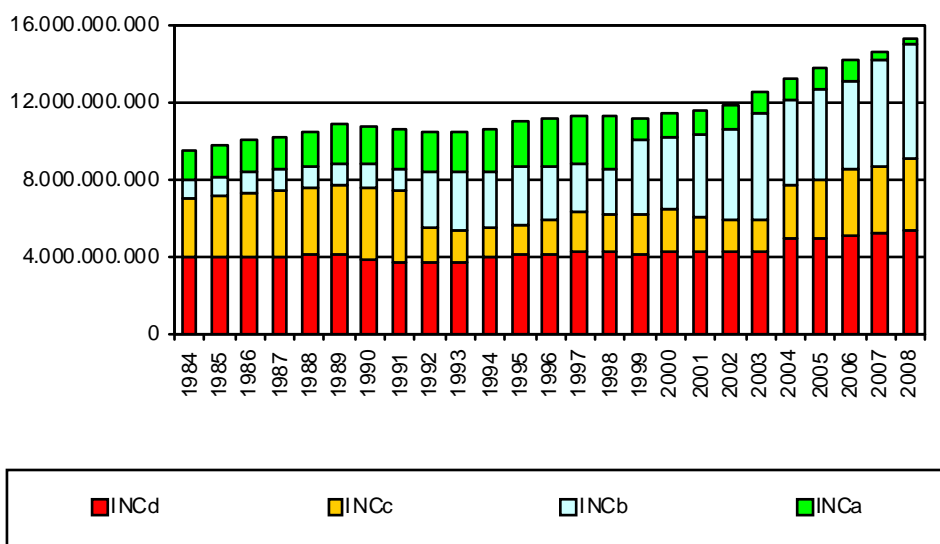


Fig. 4 World mining production 1984 - 2008 by annual per capita income in US\$ in the producer countries (without construction minerals)  
Weltbergbauproduktion 1984 - 2008 nach jährlichem Pro Kopf Einkommen in US\$ in den Produzentenländern (ohne Baurohstoffe)  
INCd: Low income  $\leq 975$  US\$; INCc: lower middle income 976 -  $\leq 3855$  US\$  
INDb: upper middle income 3856 -  $\leq 11905$  US\$; INCa High income  $> 11906$  US\$

# EXPLANATION/ERLÄUTERUNGEN

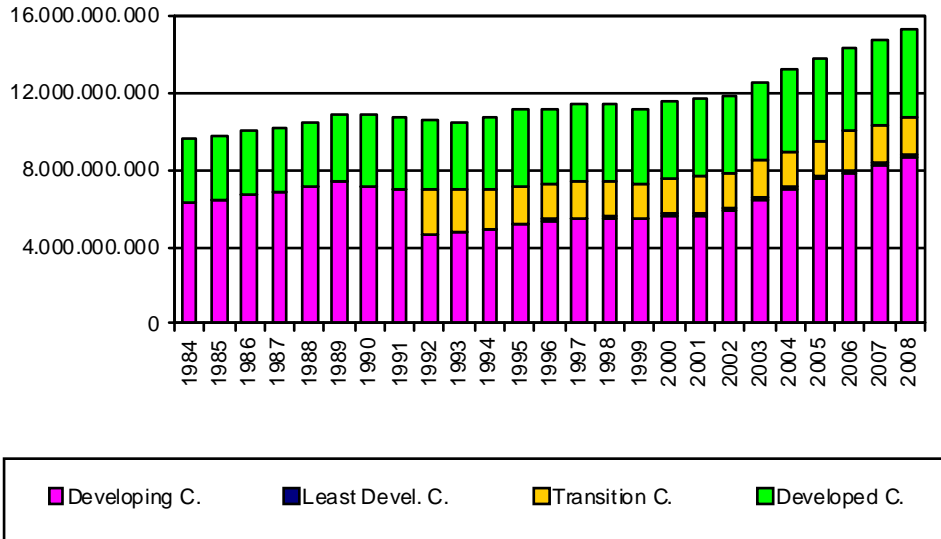


Fig. 5: World mining production 1984 - 2008 by developing status of the producer countries (without construction minerals)  
 Weltbergbauproduktion 1984 - 2008 nach Entwicklungsstand der Produzentenländer (ohne Baurohstoffe)  
 Details see Explanation; Details siehe Erläuterungen

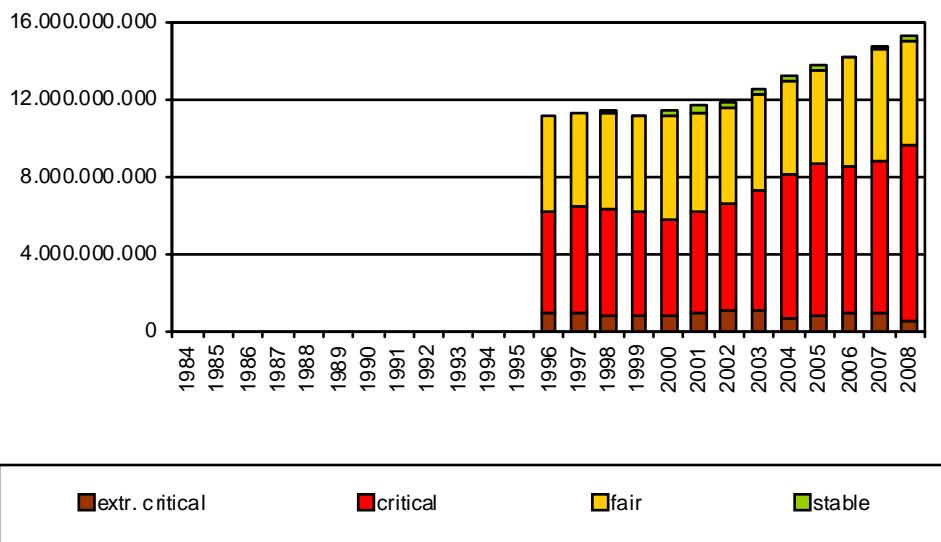


Fig. 6: World mining production 1984 - 2008 by political stability of the producer countries (without construction minerals)  
 Weltbergbauproduktion 1984 - 2008 nach politischer Stabilität der Produzentenländer (ohne Baurohstoffe)  
 Estimates concerning political stability of producer countries: WORLD BANK, Governance matters VIII  
 Einschätzungen der politischen Stabilität der Produzentenländer: WORLD BANK, Governance matters VIII

# EXPLANATION/ERLÄUTERUNGEN

## 6. World Production of Mineral Raw Materials Weltproduktion mineralischer Rohstoffe

### 6.1 Total World Production Weltproduktion - gesamt

#### 6.1.1 Total Minerals Production, by Continents Gesamtproduktion, nach Kontinenten

(except diamonds / ohne Diamanten )  
in metr. t.

	1984	1985	1986	1987	1988
Europe	2 960 746 090	3 063 903 036	3 132 250 986	3 172 274 822	3 184 733 421
Asia	3 035 703 999	3 131 719 640	3 339 679 287	3 434 078 257	3 618 769 570
Australia	284 607 464	311 273 929	324 537 591	355 411 400	339 287 866
Africa	512 250 012	570 978 962	577 261 975	578 759 297	600 753 723
South-America	588 185 282	585 163 937	592 880 157	581 488 761	602 131 742
North-America	2 138 587 372	2 055 474 510	2 014 476 823	2 055 135 912	2 134 460 670
Total	9 520 080 219	9 718 514 015	9 981 086 819	10 177 148 450	10 480 136 992
	1989	1990	1991	1992	1993
Europe	3 142 673 662	2 967 350 064	2 789 877 285	2 621 851 034	2 497 272 967
Asia	3 869 861 039	3 927 736 823	3 926 322 342	3 981 553 659	4 052 546 411
Australia	369 243 006	387 766 932	403 712 174	405 238 491	414 585 091
Africa	633 998 380	651 283 143	670 323 761	655 382 761	665 331 392
South-America	627 436 918	659 444 394	687 099 163	693 456 429	707 898 843
North-America	2 144 077 167	2 184 087 705	2 160 009 581	2 157 687 369	2 108 110 169
Total	10 787 290 172	10 777 669 061	10 637 344 306	10 515 169 742	10 445 744 873
	1994	1995	1996	1997	1998
Europe	2 370 593 661	2 415 103 600	2 405 056 129	2 413 320 635	2 363 877 415
Asia	4 107 451 966	4 304 930 782	4 381 656 312	4 457 896 250	4 383 349 574
Australia	429 760 736	452 894 793	468 079 261	502 397 340	513 335 633
Africa	675 893 105	708 859 089	700 687 254	731 588 137	795 108 264
South-America	742 384 337	769 273 561	824 278 501	858 643 444	924 997 794
North-America	2 324 794 669	2 393 139 479	2 328 551 007	2 364 078 094	2 364 903 146
Total	10 650 878 474	11 044 201 304	11 108 308 465	11 327 923 899	11 345 571 824

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	1999	2000	2001	2002	2003
Europe	2 291 068 830	2 404 710 512	2 386 591 036	2 452 239 364	2 461 025 949
Asia	4 360 670 018	4 429 448 931	4 515 325 881	4 691 688 091	5 203 217 301
Australia	535 632 190	565 221 236	589 359 691	602 316 816	605 092 484
Africa	749 562 045	784 939 696	793 466 253	787 727 279	851 193 960
South-America	924 563 326	976 615 266	993 799 727	998 942 301	1 022 340 647
North-America	2 300 782 836	2 296 711 467	2 329 383 415	2 313 633 172	2 298 704 710
Total	11 162 279 244	11 457 647 108	11 607 926 003	11 846 547 022	12 441 575 051
	2004	2005	2006	2007	2008
Europe	2 484 023 576	2 496 494 807	2 510 236 418	2 524 465 444	2 422 274 124
Asia	5 709 918 580	6 195 466 265	6 529 481 115	6 877 729 123	7 352 040 477
Australia	645 585 670	681 883 453	701 831 039	734 974 257	769 994 315
Africa	895 994 041	936 570 064	962 407 828	968 111 676	979 356 578
South-America	1 079 728 395	1 108 873 393	1 164 520 077	1 185 815 003	1 187 385 006
North-America	2 344 825 475	2 327 748 827	2 362 379 697	2 359 407 419	2 494 385 923
Total	13 160 075 737	13 747 036 808	14 230 856 173	14 650 502 922	15 205 436 422

## 6.1.2 Total Minerals Production, by World Regions (according to IIASA) Gesamtproduktion, nach Welt-Regionen (gemäß IIASA)

(except diamonds / ohne Diamanten)  
in metr. t.

	1984	1985	1986	1987	1988
CAS	0	0	0	0	0
CPA	1 092 904 846	1 159 601 355	1 208 312 188	1 260 627 604	1 334 450 475
EEU	960 675 250	987 007 154	1 005 815 497	1 016 127 653	1 026 940 942
FSU	2 014 191 414	2 056 736 080	2 133 989 777	2 186 101 913	2 179 038 408
LAM	587 411 808	583 891 489	591 750 351	580 376 027	601 230 395
MEA	621 531 688	602 714 420	685 281 108	700 448 250	814 862 479
NAF	179 050 266	219 994 160	217 079 975	219 752 156	224 070 323
NAM	2 138 617 372	2 055 506 255	2 014 513 111	2 055 172 200	2 134 496 970
PAO	311 661 474	338 049 102	350 585 426	377 991 954	359 882 524
PAS	191 417 940	201 387 631	212 699 246	216 331 694	224 857 285
SAS	241 699 982	252 756 929	278 034 813	287 724 527	312 083 713
SSA	333 199 746	350 984 803	360 182 000	359 007 141	376 683 401
WEU	847 718 434	909 884 637	922 843 328	917 487 331	891 540 078
Total	9 520 080 219	9 718 514 015	9 981 086 819	10 177 148 450	10 480 136 992

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	1989	1990	1991	1992	1993
CAS	0	0	0	281 498 712	264 062 304
CPA	1 429 536 717	1 467 253 240	1 495 337 418	1 540 200 132	1 594 316 938
EEU	992 619 495	863 458 861	570 137 626	528 254 941	481 482 776
FSU	2 185 989 634	2 116 884 184	1 973 600 069	1 488 043 032	1 399 980 638
LAM	626 436 713	658 798 689	686 475 692	689 968 310	700 610 659
MEA	908 770 720	927 569 402	919 605 938	1 015 867 017	1 070 591 801
NAF	234 585 957	255 296 601	266 133 921	254 224 815	252 887 554
NAM	2 144 113 467	2 184 123 705	2 160 045 581	2 157 724 369	2 108 147 169
PAO	388 812 148	405 154 911	421 057 959	422 862 883	431 753 687
PAS	238 314 681	254 103 644	278 545 113	287 580 059	297 174 084
SAS	326 154 748	349 166 878	370 808 609	378 531 070	389 294 680
SSA	399 412 424	395 986 541	404 189 839	401 157 946	412 443 837
WEU	912 543 469	899 872 405	1 091 406 541	1 069 256 457	1 042 998 743
Total	10 787 290 172	10 777 669 061	10 637 344 306	10 515 169 742	10 445 744 873
	1994	1995	1996	1997	1998
CAS	222 264 640	211 728 403	210 498 181	199 703 015	193 078 180
CPA	1 679 423 041	1 813 608 471	1 887 925 740	1 846 826 166	1 786 174 917
EEU	472 084 808	472 076 449	474 806 912	464 305 305	424 521 272
FSU	1 260 751 303	1 291 556 452	1 197 705 573	1 255 045 749	1 240 320 362
LAM	735 931 765	763 486 296	818 052 303	852 421 860	918 615 710
MEA	1 078 874 316	1 090 456 878	1 098 181 096	1 165 447 263	1 226 695 751
NAF	256 109 526	267 555 853	252 377 880	260 467 615	264 362 919
NAM	2 324 832 169	2 393 176 979	2 328 588 007	2 364 114 594	2 364 939 146
PAO	446 634 706	469 371 633	484 313 034	516 557 887	526 722 882
PAS	306 483 267	329 949 721	348 460 482	366 911 651	365 059 014
SAS	409 929 993	439 754 634	459 498 068	483 182 301	471 382 695
SSA	419 783 579	441 303 236	448 309 375	471 120 522	475 719 353
WEU	1 037 775 360	1 060 176 299	1 099 591 814	1 081 819 971	1 087 979 623
Total	10 650 878 474	11 044 201 304	11 108 308 465	11 327 923 899	11 345 571 824

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

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	1999	2000	2001	2002	2003
CAS	197 044 614	231 928 604	253 899 737	265 363 722	283 412 723
CPA	1 679 233 388	1 685 036 042	1 739 712 905	1 891 409 162	2 214 741 143
EEU	401 864 116	416 053 063	418 426 492	412 402 603	413 569 512
FSU	1 227 280 862	1 245 891 255	1 246 233 295	1 299 142 344	1 353 762 835
LAM	918 458 105	971 774 595	989 826 008	995 082 494	1 018 865 510
MEA	1 222 812 028	1 312 109 791	1 259 593 417	1 243 795 230	1 370 328 455
NAF	277 642 419	294 844 780	301 419 276	294 168 549	326 570 847
NAM	2 300 818 836	2 296 746 467	2 329 418 415	2 313 667 972	2 298 739 210
PAO	549 195 584	578 137 206	602 810 191	611 971 197	614 809 138
PAS	355 015 903	362 721 975	387 409 983	400 919 179	384 558 347
SAS	493 004 217	510 418 106	530 600 016	560 424 628	601 539 200
SSA	471 919 626	490 094 916	492 046 977	493 558 730	524 623 113
WEU	1 067 989 546	1 061 890 309	1 056 529 291	1 064 641 213	1 036 055 018
Total	11 162 279 244	11 457 647 108	11 607 926 003	11 846 547 022	12 441 575 051
	2004	2005	2006	2007	2008
CAS	290 785 808	309 881 861	321 619 918	324 013 761	339 928 214
CPA	2 549 266 832	2 816 659 650	3 023 102 409	3 246 606 830	3 584 923 805
EEU	410 264 860	402 348 742	401 645 419	390 354 499	388 084 035
FSU	1 417 792 275	1 488 017 307	1 552 466 668	1 634 875 399	1 554 385 447
LAM	1 076 670 729	1 105 555 633	1 161 015 292	1 182 485 595	1 184 735 916
MEA	1 438 520 137	1 510 367 247	1 532 877 399	1 531 221 707	1 594 652 940
NAF	341 012 571	360 997 503	376 169 419	375 329 778	381 881 748
NAM	2 344 859 775	2 327 784 827	2 362 416 197	2 359 442 419	2 494 420 923
PAO	655 130 805	691 599 415	711 564 100	745 385 099	780 700 192
PAS	402 575 757	455 352 639	490 451 115	519 881 279	517 751 992
SAS	648 143 886	693 766 205	731 041 663	778 908 648	834 120 969
SSA	554 981 471	575 572 560	586 238 409	592 781 898	597 474 830
WEU	1 030 070 832	1 009 133 218	980 248 166	969 216 010	952 375 412
Total	13 160 075 737	13 747 036 808	14 230 856 173	14 650 502 922	15 205 436 422

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



### 6.1.3 Total Minerals Production, by Developing Status of Producer Countries Gesamtproduktion, nach Entwicklungsstand der Produzentenländer

(except diamonds / ohne Diamanten )  
in metr. t.

	1984	1985	1986	1987	1988
Developed C.	3 261 356 915	3 258 268 556	3 233 996 645	3 296 735 133	3 339 203 104
Transition C.	0	0	0	0	0
Developing C.	6 234 652 713	6 440 240 889	6 716 641 906	6 848 965 985	7 101 995 245
Least Developed C.	24 070 590	20 004 570	30 448 268	31 447 331	38 938 643
<b>Total</b>	<b>9 520 080 219</b>	<b>9 718 514 015</b>	<b>9 981 086 819</b>	<b>10 177 148 450</b>	<b>10 480 136 992</b>
	1989	1990	1991	1992	1993
Developed C.	3 384 016 185	3 695 454 213	3 611 720 129	3 581 767 965	3 522 513 658
Transition C.	0	0	6 949 752	2 296 814 067	2 144 634 707
Developing C.	7 358 017 767	7 036 343 833	6 948 076 453	4 566 428 881	4 707 114 109
Least Developed C.	45 256 220	45 871 015	70 597 973	70 158 829	71 482 399
<b>Total</b>	<b>10 787 290 172</b>	<b>10 777 669 061</b>	<b>10 637 344 306</b>	<b>10 515 169 742</b>	<b>10 445 744 873</b>
	1994	1995	1996	1997	1998
Developed C.	3 741 566 142	3 929 408 676	3 921 254 212	3 965 309 449	3 968 015 627
Transition C.	1 955 100 750	1 899 366 583	1 805 193 740	1 844 042 443	1 788 837 939
Developing C.	4 874 185 249	5 125 187 509	5 287 166 085	5 419 803 831	5 491 012 309
Least Developed C.	80 026 333	90 238 537	94 694 428	98 768 177	97 705 949
<b>Total</b>	<b>10 650 878 474</b>	<b>11 044 201 304</b>	<b>11 108 308 465</b>	<b>11 327 923 899</b>	<b>11 345 571 824</b>
	1999	2000	2001	2002	2003
Developed C.	3 898 246 868	3 929 286 595	3 985 549 258	3 991 029 801	3 958 870 931
Transition C.	1 765 155 793	1 826 605 199	1 850 392 296	1 911 696 307	1 940 734 274
Developing C.	5 390 332 092	5 589 304 902	5 654 906 702	5 814 570 640	6 412 165 145
Least Developed C.	108 544 490	112 450 411	117 077 747	129 250 274	129 804 702
<b>Total</b>	<b>11 162 279 244</b>	<b>11 457 647 108</b>	<b>11 607 926 003</b>	<b>11 846 547 022</b>	<b>12 441 575 051</b>
	2004	2005	2006	2007	2008
Developed C.	4 235 019 819	4 233 679 235	4 249 963 745	4 334 110 196	4 485 443 601
Transition C.	1 814 269 910	1 886 296 288	2 005 720 146	1 969 525 341	1 937 542 757
Developing C.	6 967 836 308	7 467 992 997	7 803 755 779	8 157 784 895	8 572 705 708
Least Developed C.	142 949 700	159 068 289	171 416 504	189 082 490	209 744 355
<b>Total</b>	<b>13 160 075 737</b>	<b>13 747 036 808</b>	<b>14 230 856 173</b>	<b>14 650 502 922</b>	<b>15 205 436 422</b>

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## 6.1.4 Total Minerals Production, by Country Groups and Economic Blocks Gesamtproduktion mineralischer Rohstoffe, nach Ländergruppen und Wirtschaftsblöcken

(except diamonds / ohne Diamanten )  
in metr. t.

	1984	1985	1986	1987	1988
ACP	175 284 217	181 835 326	186 736 214	187 131 060	196 564 476
ASEAN	163 889 803	171 902 159	181 884 098	185 830 071	194 279 475
COMECON	2 904 185 856	2 968 909 460	3 066 828 573	3 129 137 806	3 134 132 100
EC	665 468 121	718 876 476	771 238 294	758 243 610	733 775 480
EFTA	90 412 683	89 753 707	94 525 430	101 956 417	107 736 304
G-8	2 707 079 188	2 666 638 640	2 628 102 015	2 651 566 627	2 711 496 192
MERCOSUR	0	0	0	0	0
NAFTA	0	0	0	0	0
OECD	3 297 798 310	3 303 243 624	3 287 695 080	3 350 340 234	3 385 591 114
SADC	18 252 394	18 854 996	22 645 806	27 706 081	32 617 323
	1989	1990	1991	1992	1993
ACP	222 721 051	221 577 827	229 046 027	233 869 988	233 985 019
ASEAN	210 746 369	230 752 898	257 169 849	266 021 389	275 778 243
COMECON	3 104 382 633	2 906 890 072	2 470 572 061	0	0
EC	719 296 753	706 307 336	888 991 740	838 705 954	817 861 853
EFTA	128 446 172	131 197 975	138 698 095	159 285 341	161 286 926
G-8	2 690 751 136	2 718 662 826	2 870 805 333	2 816 972 690	2 743 195 864
MERCOSUR	0	0	0	0	0
NAFTA	0	0	0	0	0
OECD	3 445 238 093	3 488 953 495	3 672 396 926	3 649 708 377	3 582 758 043
SADC	32 925 767	34 478 290	34 363 996	36 249 429	33 898 557
	1994	1995	1996	1997	1998
ACP	232 204 107	241 692 965	252 498 622	257 538 346	258 798 775
ASEAN	289 110 333	313 949 192	332 886 343	351 474 993	349 814 838
EC	790 635 292	824 958 038	831 621 553	804 991 915	803 005 799
EFTA	175 640 082	161 961 840	194 993 893	200 472 054	199 716 144
G-8	2 927 821 389	3 018 350 283	2 948 533 261	2 964 268 797	4 045 206 954
MERCOSUR	0	239 260 617	265 272 067	276 382 223	292 484 520
NAFTA	2 530 371 066	2 596 341 600	2 547 654 592	2 592 584 402	2 597 479 239
OECD	4 014 632 122	4 201 671 723	4 451 710 335	4 506 124 930	4 497 794 473
SADC	258 693 534	276 857 057	278 949 217	295 484 946	299 636 314

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	1999	2000	2001	2002	2003
ACP	257 561 277	280 720 307	281 104 825	278 200 712	302 682 421
ASEAN	339 798 310	347 468 950	370 030 834	382 093 096	365 217 681
EC	783 422 526	778 719 948	767 570 434	776 899 809	755 851 046
EFTA	199 444 630	204 334 349	213 762 942	219 226 396	219 418 628
G-8	3 954 417 153	3 953 335 458	3 973 458 302	4 005 278 666	4 020 069 670
MERCOSUR	318 211 951	339 643 004	345 240 751	345 738 901	356 139 203
NAFTA	2 529 422 127	2 535 635 534	2 570 924 529	2 558 944 731	2 551 486 936
OECD	4 416 556 365	4 443 682 206	4 504 820 631	4 502 953 673	4 473 742 628
SADC	301 782 102	301 936 963	303 544 806	315 009 938	325 750 896
	2004	2005	2006	2007	2008
ACP	324 987 209	347 603 964	368 121 297	377 358 488	385 864 426
ASEAN	383 270 577	433 389 665	468 503 254	496 835 265	497 116 320
EC	1 028 169 160	995 149 539	961 192 572	1 025 955 169	1 001 810 072
EFTA	217 849 292	213 893 531	209 162 211	197 421 769	202 019 086
G-8	4 114 211 197	4 131 047 029	4 190 786 252	4 252 271 421	4 275 416 358
MERCOSUR	365 684 831	379 083 698	658 919 859	680 037 853	664 057 233
NAFTA	2 604 990 715	2 587 724 585	2 623 173 196	2 614 204 573	2 756 165 435
OECD	4 555 876 163	4 550 414 759	4 572 699 489	4 573 702 449	4 734 717 388
SADC	336 630 147	351 680 983	360 153 490	376 725 665	381 867 237

### 6.1.5 Total Minerals Production, by Political Stability of Producer Countries Gesamtproduktion mineralischer Rohstoffe, nach politischer Stabilität der Produktionsländer

No estimates concerning political stability available prior to 1996  
Keine Einschätzung der politischen Stabilität vor 1996 verfügbar.

(except diamonds / ohne Diamanten )  
in metr. t.

	1994	1995	1996	1997	1998
Extr. crit.	0	0	881 212 548	932 050 096	757 948 892
Critical	0	0	5 324 683 661	5 483 907 585	5 547 171 663
Fair	0	0	4 901 608 716	4 911 229 690	4 931 741 808
Stable	0	0	803 540	736 528	108 709 461
Total	0	0	11 108 308 465	11 327 923 899	11 345 571 824

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	1999	2000	2001	2002	2003
Extr. crit.	766 285 524	804 629 542	841 565 361	1 073 042 687	996 797 194
Critical	5 413 749 040	4 890 513 128	5 246 722 900	5 548 401 204	6 247 441 537
Fair	4 879 911 798	5 434 385 306	5 152 141 640	4 950 835 830	4 962 369 427
Stable	102 332 882	328 119 133	367 496 102	274 267 301	234 966 894
<b>Total</b>	<b>11 162 279 244</b>	<b>11 457 647 108</b>	<b>11 607 926 003</b>	<b>11 846 547 022</b>	<b>12 441 575 051</b>
	2004	2005	2006	2007	2008
Extr. crit.	693 442 337	737 801 584	847 588 026	869 867 662	516 331 331
Critical	7 412 600 611	7 925 731 051	7 678 178 295	7 851 288 882	9 040 513 387
Fair	4 788 903 817	4 848 193 856	5 690 681 554	5 926 466 353	5 440 271 323
Stable	265 128 972	235 310 317	14 408 298	2 880 024	208 320 381
<b>Total</b>	<b>13 160 075 737</b>	<b>13 747 036 808</b>	<b>14 230 856 173</b>	<b>14 650 502 922</b>	<b>15 205 436 422</b>

## 6.1.6 Total Minerals Production, by Groups of Commodities Gesamtproduktion, nach Rohstoffgruppen

(except diamonds / ohne Diamanten)  
in metr. t.

	1984	1985	1986	1987	1988
Iron, Ferro-Alloy Met.	463 475 989	515 090 404	522 097 441	537 053 342	552 943 675
Non Ferrous Metals	126 626 872	123 713 046	126 793 029	135 869 703	143 352 635
Precious Metals	14 601	15 030	14 960	15 731	16 742
Industrial Minerals	458 347 690	467 139 958	476 765 936	491 487 132	503 053 766
Mineral Fuels	8 471 615 067	8 612 555 577	8 855 415 453	9 012 722 542	9 280 770 174
<b>Total</b>	<b>9 520 080 219</b>	<b>9 718 514 015</b>	<b>9 981 086 819</b>	<b>10 177 148 450</b>	<b>10 480 136 992</b>
	1989	1990	1991	1992	1993
Iron, Ferro-Alloy Met.	569 055 659	561 442 955	566 593 412	530 680 492	518 661 466
Non Ferrous Metals	149 060 340	152 541 746	151 241 665	150 813 168	152 993 477
Precious Metals	17 188	17 477	17 098	17 570	16 794
Industrial Minerals	506 307 117	490 081 450	471 544 265	464 343 598	450 573 099
Mineral Fuels	9 562 849 868	9 573 585 433	9 447 947 866	9 369 314 914	9 323 500 037
<b>Total</b>	<b>10 787 290 172</b>	<b>10 777 669 061</b>	<b>10 637 344 306</b>	<b>10 515 169 742</b>	<b>10 445 744 873</b>

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	1994	1995	1996	1997	1998
Iron, Ferro-Alloy Met.	543 597 321	578 498 228	572 018 220	589 000 807	584 429 987
Non Ferrous Metals	152 345 568	158 712 993	168 092 706	172 245 161	172 650 484
Precious Metals	16 049	16 927	17 389	18 576	19 585
Industrial Minerals	472 729 300	482 373 920	495 081 259	508 374 033	496 427 135
Mineral Fuels	9 482 190 236	9 824 599 236	9 873 098 891	10 058 285 322	10 092 044 633
<b>Total</b>	<b>10 650 878 474</b>	<b>11 044 201 304</b>	<b>11 108 308 465</b>	<b>11 327 923 899</b>	<b>11 345 571 824</b>
	1999	2000	2001	2002	2003
Iron, Ferro-Alloy Met.	589 484 861	638 119 224	617 282 815	652 092 469	688 897 365
Non Ferrous Metals	180 325 467	189 501 818	190 522 791	199 231 285	214 225 901
Precious Metals	19 899	21 060	21 615	21 776	21 756
Industrial Minerals	523 022 521	529 720 734	529 183 552	533 871 034	572 687 388
Mineral Fuels	9 869 426 496	10 100 284 272	10 270 915 230	10 461 330 458	10 965 742 641
<b>Total</b>	<b>11 162 279 244</b>	<b>11 457 647 108</b>	<b>11 607 926 003</b>	<b>11 846 547 022</b>	<b>12 441 575 051</b>
	2004	2005	2006	2007	2008
Iron, Ferro-Alloy Met.	777 515 979	851 265 592	959 594 902	1 065 500 424	1 155 206 897
Non Ferrous Metals	226 076 117	235 449 314	248 416 671	262 944 165	269 931 869
Precious Metals	22 675	23 450	23 231	23 707	24 031
Industrial Minerals	611 115 522	628 612 723	658 625 292	662 456 892	654 995 301
Mineral Fuels	11 545 345 444	12 031 685 729	12 364 196 077	12 659 577 734	13 125 278 324
<b>Total</b>	<b>13 160 075 737</b>	<b>13 747 036 808</b>	<b>14 230 856 173</b>	<b>14 650 502 922</b>	<b>15 205 436 422</b>

## 6.1.7 Energy Fuels Energierohstoffe

### 6.1.7.1 Total Production in Mio t Gesamtproduktion in Mio t

	1984	1985	1986	1987	1988
Steam Coal	2 501 441 298	2 626 377 606	2 709 437 784	2 792 549 921	2 870 188 723
Coking Coal	575 730 300	581 387 250	588 118 000	590 833 000	623 252 000
Lignite	1 141 923 583	1 194 432 745	1 227 927 553	1 250 967 651	1 220 221 583
Oil	2 829 267 587	2 751 638 228	2 841 712 564	2 835 156 250	2 948 845 146
Nat.gas	1 380 300 000	1 413 180 000	1 440 516 800	1 495 904 800	1 570 237 600
Oilshales	32 357 240	32 310 047	31 310 014	30 492 137	28 466 360
Oilsands	10 533 900	13 167 404	16 327 551	16 748 923	19 487 756
Uranium	61 159	62 297	65 187	69 860	71 006
<b>Total</b>	<b>8 471 615 067</b>	<b>8 612 555 577</b>	<b>8 855 415 453</b>	<b>9 012 722 542</b>	<b>9 280 770 174</b>

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	1989	1990	1991	1992	1993
Steam Coal	2 945 562 804	2 967 809 869	2 936 064 450	2 959 878 469	2 896 125 720
Coking Coal	623 029 700	634 994 000	596 535 000	523 333 580	508 953 000
Lignite	1 289 427 812	1 196 895 470	1 112 046 327	1 045 818 347	989 418 522
Oil	3 030 169 569	3 080 687 797	3 077 291 190	3 110 230 494	3 134 883 833
Nat.gas	1 626 372 000	1 646 456 000	1 680 249 600	1 684 042 400	1 746 003 200
Oilshales	28 468 938	26 352 505	25 382 114	24 480 314	25 956 556
Oilsands	19 751 077	20 330 442	20 330 442	21 489 172	22 121 202
Uranium	67 968	59 350	48 743	42 138	38 004
<b>Total</b>	<b>9 562 849 868</b>	<b>9 573 585 433</b>	<b>9 447 947 866</b>	<b>9 369 314 914</b>	<b>9 323 500 037</b>
	1994	1995	1996	1997	1998
Steam Coal	3 027 009 884	3 161 658 443	3 277 780 096	3 291 715 278	3 239 386 509
Coking Coal	519 727 000	550 144 000	518 003 000	527 712 000	492 746 000
Lignite	952 718 845	934 687 222	912 127 812	913 297 755	890 792 272
Oil	3 121 881 471	3 224 674 601	3 263 410 419	3 403 483 849	3 520 525 038
Nat.gas	1 815 637 600	1 911 924 000	1 857 487 200	1 873 126 400	1 899 534 400
Oilshales	21 898 084	16 189 799	16 544 758	16 779 505	14 837 789
Oilsands	23 279 932	25 281 406	27 704 195	32 128 401	34 182 540
Uranium	37 420	39 765	41 411	42 134	40 085
<b>Total</b>	<b>9 482 190 236</b>	<b>9 824 599 236</b>	<b>9 873 098 891</b>	<b>10 058 285 322</b>	<b>10 092 044 633</b>
	1999	2000	2001	2002	2003
Steam Coal	3 124 098 867	3 122 540 077	3 296 184 309	3 407 943 855	3 668 691 421
Coking Coal	477 595 000	475 071 000	474 741 000	476 892 000	508 434 000
Lignite	877 399 942	891 176 582	919 700 102	922 334 423	909 053 267
Oil	3 401 466 480	3 540 029 896	3 472 510 142	3 460 463 004	3 643 546 844
Nat.gas	1 938 476 000	2 010 505 600	2 040 519 200	2 114 980 800	2 148 632 800
Oilshales	14 145 311	14 048 836	13 974 015	12 394 177	14 168 285
Oilsands	36 207 937	46 870 635	53 243 651	66 279 365	73 173 809
Uranium	36 959	41 646	42 811	42 834	42 215
<b>Total</b>	<b>9 869 426 496</b>	<b>10 100 284 272</b>	<b>10 270 915 230</b>	<b>10 461 330 458</b>	<b>10 965 742 641</b>
	2004	2005	2006	2007	2008
Steam Coal	4 036 644 122	4 291 842 275	4 502 808 982	4 685 885 212	5 100 080 035
Coking Coal	583 184 000	641 791 000	692 968 531	760 206 400	827 868 000
Lignite	925 706 351	924 673 540	892 598 750	889 539 233	889 333 359
Oil	3 733 178 374	3 818 495 897	3 837 390 356	3 808 774 227	3 836 592 184
Nat.gas	2 167 280 800	2 255 638 400	2 331 331 200	2 402 062 400	2 366 384 000
Oilshales	12 923 136	12 814 585	13 509 894	15 525 226	17 604 823
Oilsands	86 383 333	86 383 333	93 544 535	97 538 041	87 367 280
Uranium	45 328	46 699	43 829	46 995	48 643
<b>Total</b>	<b>11 545 345 444</b>	<b>12 031 685 729</b>	<b>12 364 196 077</b>	<b>12 659 577 734</b>	<b>13 125 278 324</b>

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

### 6.1.7.2 Total Production in Coal Equivalents (CE) Gesamtproduktion in Steinkohleneinheiten (SKE)

	1984	1985	1986	1987	1988
Steam Coal	1 954 619 351	2 050 163 164	2 115 623 605	2 180 886 511	2 235 528 170
Coking Coal	438 959 733	444 245 098	447 028 650	449 042 730	474 748 350
Lignite	369 278 532	387 482 682	399 084 139	407 446 449	399 062 673
Oil	4 043 023 382	3 932 091 028	4 060 807 254	4 051 438 281	4 213 899 714
Nat.gas	1 794 390 000	1 837 134 000	1 872 671 840	1 944 676 240	2 041 308 880
Oilshales	15 531 475	15 508 823	15 028 807	14 636 226	13 663 853
Oilsands	15 052 943	18 816 220	23 332 070	23 934 211	27 848 003
Uranium	978 544 000	996 752 000	1 042 992 000	1 117 760 000	1 136 096 000
<b>Total</b>	<b>9 609 399 416</b>	<b>9 682 193 015</b>	<b>9 976 568 365</b>	<b>10 189 820 648</b>	<b>10 514 307 639</b>
	1989	1990	1991	1992	1993
Steam Coal	2 293 035 096	2 313 129 238	2 289 785 988	2 321 565 856	2 265 809 927
Coking Coal	475 654 967	489 351 320	461 386 540	418 138 123	408 448 780
Lignite	420 833 509	392 759 660	364 153 625	363 620 756	342 379 722
Oil	4 330 112 314	4 402 302 862	4 397 449 111	4 444 519 376	4 479 748 997
Nat.gas	2 114 283 600	2 140 392 800	2 184 324 480	2 189 255 120	2 269 804 160
Oilshales	13 665 090	12 649 202	12 183 415	11 750 551	12 459 147
Oilsands	28 224 289	29 052 202	29 052 202	30 708 027	31 611 198
Uranium	1 087 488 000	949 600 000	779 888 000	674 208 000	608 064 000
<b>Total</b>	<b>10 763 296 865</b>	<b>10 729 237 284</b>	<b>10 518 223 360</b>	<b>10 453 765 808</b>	<b>10 418 325 931</b>
	1994	1995	1996	1997	1998
Steam Coal	2 366 783 949	2 472 056 864	2 559 833 031	2 575 455 332	2 541 631 282
Coking Coal	418 908 400	439 573 060	415 893 740	423 516 480	395 634 740
Lignite	329 355 569	324 834 941	313 706 643	316 211 527	304 847 648
Oil	4 461 168 622	4 608 060 005	4 663 413 489	4 863 578 420	5 030 830 279
Nat.gas	2 360 328 880	2 485 501 200	2 414 733 360	2 435 064 320	2 469 394 720
Oilshales	10 511 080	7 771 104	7 941 484	8 054 162	7 122 139
Oilsands	33 267 023	36 127 129	39 589 295	39 589 295	48 846 850
Uranium	598 720 000	636 240 000	662 576 000	674 144 000	641 360 000
<b>Total</b>	<b>10 579 043 523</b>	<b>11 010 164 303</b>	<b>11 077 687 041</b>	<b>11 335 613 536</b>	<b>11 439 667 658</b>

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

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	1999	2000	2001	2002	2003
Steam Coal	2 451 854 429	2 448 331 534	2 584 254 143	2 661 340 838	2 848 295 948
Coking Coal	385 131 990	382 832 950	382 116 630	381 435 740	405 451 620
Lignite	301 808 345	305 376 010	316 150 573	315 185 547	310 556 443
Oil	4 860 695 600	5 058 702 721	4 962 216 993	4 945 001 633	5 206 628 440
Nat.gas	2 520 018 800	2 613 657 280	2 652 674 960	2 749 475 040	2 793 222 640
Oilshales	6 789 749	6 743 441	6 707 527	5 949 205	6 800 777
Oilsands	51 741 142	66 978 137	76 085 177	94 713 213	104 565 373
Uranium	591 344 000	666 336 000	684 976 000	685 344 000	675 440 000
Total	11 169 384 055	11 548 958 074	11 665 182 003	11 838 445 215	12 350 961 241
	2004	2005	2006	2007	2008
Steam Coal	3 123 500 329	3 311 021 128	3 465 742 657	3 597 600 490	3 909 784 496
Coking Coal	461 438 380	505 420 220	540 540 175	593 527 660	643 785 310
Lignite	317 461 801	304 226 750	292 671 798	292 278 978	291 292 201
Oil	5 334 711 896	5 456 630 637	5 483 630 819	5 442 738 370	5 482 490 231
Nat.gas	2 817 465 040	2 932 329 920	3 030 730 560	3 122 681 120	3 076 299 200
Oilshales	6 203 105	6 151 001	6 484 749	7 452 108	8 450 315
Oilsands	123 441 783	123 441 783	133 675 141	139 381 861	124 847 843
Uranium	725 248 000	747 184 000	701 264 000	751 920 000	778 288 000
Total	12 909 470 335	13 386 405 438	13 654 739 898	13 947 580 587	14 315 237 596

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## 6.2 World Production of Mineral Raw Materials, by Mineral Raw Materials

### Weltproduktion mineralischer Rohstoffe, nach Rohstoffen

#### 6.2.1 Iron and Ferro-Alloy Metals / Eisen und Stahlveredler

Minerals	2004	2005	2006	2007	2008	Change 08/04 in %
	in metr.t					
Iron	749 797 725	821 864 784	929 332 630	1 032 517 143	1 121 172 107	49.53
Chromium	7 713 076	8 404 796	8 437 431	9 703 287	10 528 314	36.50
Cobalt	56 744	61 150	63 252	59 360	66 176	16.62
Manganese	12 133 215	13 084 218	13 230 608	14 246 622	14 714 539	21.27
Molybdenum	159 360	185 503	186 320	204 638	196 143	23.08
Nickel	1 382 597	1 431 216	1 500 845	1 571 942	1 503 674	8.76
Tant.-Columb.	43 623	60 765	73 627	87 349	87 922	101.55
Titanium	6 115 209	6 056 236	6 650 259	6 992 026	6 825 174	11.61
Tungsten	67 327	60 620	57 650	55 771	57 553	-14.52
Vanadium	47 103	56 304	62 280	62 286	55 295	17.39

#### 6.2.2 Non Ferrous Metals / Nichteisenmetalle

Minerals	2004	2005	2006	2007	2008	Change 08/04 in %
	in metr. t.					
Aluminium	29 825 366	32 027 331	33 625 561	38 118 999	39 082 415	31.04
Antimony	149 373	175 509	180 262	186 970	201 480	34.88
Arsenic	58 221	57 948	60 748	53 756	53 121	-8.76
Bauxite	168 263 811	174 389 238	184 979 902	194 104 865	199 230 878	18.40
Bismuth	4 838	4 671	5 059	6 707	8 035	66.08
Cadmium	20 991	19 762	19 586	19 022	19 648	-6.40
Copper	14 556 096	14 931 351	15 119 107	15 467 225	15 416 989	5.91
Gallium	35	38	41	40	40	14.29
Germanium	33	28	29	32	37	12.12
Lead	3 139 271	3 313 013	3 523 748	3 605 560	3 876 564	23.49
Lithium	32 772	34 973	40 243	41 518	42 815	30.65
Mercury	1 454	1 257	1 196	1 271	1 096	-24.62
Rare Earths	97 395	101 022	121 652	121 122	125 673	29.03
Tellurium	104	85	69	84	87	-16.35
Tin	284 018	298 789	296 043	311 067	272 923	-3.91
Zinc	9 642 339	10 094 299	10 443 425	10 905 927	11 600 068	20.30

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

### 6.2.3 Precious Metals / Edelmetalle

Minerals	2004	2005	2006	2007	2008	Change 08/04 in %
	in kg					
Gold	2 406 549	2 481 693	2 396 704	2 333 441	2 281 330	-5.20
Palladium	205 999	213 784	221 478	218 691	200 349	-2.74
Platinum	199 356	209 947	211 378	203 284	188 374	-5.51
Rhodium	20 452	24 138	24 975	25 408	21 547	5.35
Silver	19 842 533	20 520 742	20 376 701	20 925 809	21 339 219	7.54

### 6.2.4 Industrial Minerals / Industriemineralien

Minerals	2004	2005	2006	2007	2008	Change 08/04 in %
	in metr.t (Diamonds in carats)					
Asbestos	2 468 759	2 235 061	2 231 832	2 419 225	2 217 425	-10.18
Baryte	7 715 487	7 864 803	8 827 069	7 971 557	8 757 872	13.51
Bentonite	13 688 340	13 730 894	14 829 749	15 351 848	15 136 157	10.58
Boron	3 341 812	3 157 867	3 049 589	3 270 241	3 455 704	3.41
Diamonds :						
Gem-	79 765 515	88 407 885	99 462 599	100 521 543	91 751 338	15.03
Ind.	63 168 925	77 306 433	76 152 537	69 140 393	61 025 835	-3.39
Diatomite	1 357 407	1 377 123	1 591 518	1 472 649	1 612 400	18.79
Feldspar	17 167 352	19 589 078	20 805 151	22 466 486	22 480 132	30.95
Fluorspar	5 164 675	5 252 909	5 430 382	5 776 974	6 073 641	17.60
Graphite	577 156	674 607	761 708	1 097 756	1 124 259	94.79
Guano	690	770	760	809	854	23.77
Gypsum	138 935 656	141 124 799	155 622 140	151 530 386	145 272 305	4.56
Kaolin	26 299 870	27 060 651	26 362 081	25 975 417	26 454 002	0.59
Magnesite	17 885 416	17 406 619	17 236 932	18 461 544	20 407 406	14.10
Perlite	2 367 175	2 321 442	2 210 546	2 010 404	2 040 860	-13.78
Phosphate	46 844 984	47 482 724	45 571 083	47 734 182	50 150 274	7.06
Potash	32 701 338	33 625 864	29 800 638	34 871 261	33 970 145	3.88
Salt	229 037 429	238 998 903	255 974 391	252 223 732	247 625 032	8.12
Sulfur	55 598 256	56 542 894	58 133 888	59 735 728	58 650 489	5.49
Talc	8 382 125	8 509 234	8 451 429	8 283 029	7 798 540	-6.96
Vermiculite	430 451	476 150	455 495	455 267	463 573	7.69
Zirconium	1 151 144	1 180 331	1 278 911	1 348 397	1 304 231	13.30

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## 6.2.5 Mineral Fuels / Energierohstoffe

Minerals	2004	2005	2006	2007	2008	Change 08/04 in %
	in metr.t. (Nat.Gas in Mio m <sup>3</sup> )					
Steam Coal	4 036 644 122	4 291 842 275	4 502 808 982	4 685 885 212	5 100 080 035	26.34
Coking Coal	583 184 000	641 791 000	692 968 531	760 206 400	827 868 000	41.96
Hard Coal (Tot)	4 619 828 122	4 933 633 275	5 195 777 513	5 446 091 612	5 927 948 035	28.32
Lignite	925 706 351	924 673 540	892 598 750	889 539 233	889 333 359	-3.93
Coal	5 545 534 473	5 858 306 815	6 088 376 263	6 335 630 845	6 817 281 394	22.93
Uranium	45 328	46 699	43 829	46 995	48 643	7.31
Oil	3 733 178 374	3 818 495 897	3 837 390 356	3 808 774 227	3 836 592 184	2.77
Nat. Gas	2 709 101	2 819 548	2 914 164	3 002 578	2 957 980	9.19
Oilshales	12 923 136	12 814 585	13 509 894	15 525 226	17 604 823	36.23
Oilsands	86 383 333	86 383 333	93 544 535	97 538 041	87 367 280	1.14



## 6.3 World Production of Mineral Raw Materials, by Country Groups and Economic Blocks

### Weltproduktion mineralischer Rohstoffe, nach Ländergruppen und Wirtschaftsblöcken

#### 6.3.1 Iron and Ferro-Alloy Metals / Eisen und Stahlveredler

##### Iron

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	104 059 356	106 294 400	115 441 880	121 262 880	115 992 577
Transition C.	214 429 881	234 062 344	244 668 470	259 549 892	287 001 720
Developing C.	424 408 488	474 508 040	561 972 280	643 670 371	711 048 610
Least Developed C.	6 900 000	7 000 000	7 250 000	8 034 000	7 129 200
<b>Total</b>	<b>749 797 725</b>	<b>821 864 784</b>	<b>929 332 630</b>	<b>1 032 517 143</b>	<b>1 121 172 107</b>
	in %	in %	in %	in %	in %
Developed C.	13.88	12.93	12.42	11.74	10.35
Transition C.	28.60	28.48	26.33	25.14	25.60
Developing C.	56.60	57.74	60.47	62.34	63.42
Least Developed C.	0.92	0.85	0.78	0.78	0.64
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	214 440 081	234 202 844	244 843 560	259 917 911	287 415 774
Upper Middle	106 472 728	106 973 180	309 704 533	334 926 513	348 315 801
Lower Middle	327 058 410	366 259 597	250 113 414	428 122 559	477 048 932
Low	101 826 506	114 429 163	124 671 123	9 550 160	8 391 600
<b>Total</b>	<b>749 797 725</b>	<b>821 864 784</b>	<b>929 332 630</b>	<b>1 032 517 143</b>	<b>1 121 172 107</b>
	in %	in %	in %	in %	in %
High	28.60	28.50	26.35	25.17	25.64
Upper Middle	14.20	13.02	33.33	32.44	31.07
Lower Middle	43.62	44.56	26.91	41.46	42.55
Low	13.58	13.92	13.42	0.92	0.75
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	7 077 626	7 139 963	7 318 243	8 102 160	7 197 360
ASEAN	777 832	760 079	603 186	1 432 635	1 708 662
CPE	100 554 536	136 066 660	189 677 000	227 812 315	265 712 440
EU	15 762 668	15 685 935	15 753 306	16 753 051	16 052 618
EFTA	573 000	448 000	396 800	403 200	477 440
G8	104 102 085	104 228 321	111 043 208	110 739 345	109 403 010
MERCOSUR	163 772 319	163 360 395	198 704 525	219 208 400	227 061 380
NAFTA	58 132 410	58 951 530	60 587 940	60 309 480	61 109 180
OECD	223 712 097	243 722 671	253 464 976	268 968 411	296 579 988
SADC	26 172 200	25 836 884	26 953 750	27 416 350	31 901 050

of them:

ACP	0.94	0.87	0.79	0.78	0.64
ASEAN	0.10	0.09	0.06	0.14	0.15
CPE	13.41	16.56	20.41	22.06	23.70
EU	2.10	1.91	1.70	1.62	1.43
EFTA	0.08	0.05	0.04	0.04	0.04
G8	13.88	12.68	11.95	10.73	9.76
MERCOSUR	21.84	19.88	21.38	21.23	20.25
NAFTA	7.75	7.17	6.52	5.84	5.45
OECD	29.84	29.65	27.27	26.05	26.45
SADC	3.49	3.14	2.90	2.66	2.85

## Chromium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	1 625 315	1 968 394	1 966 627	2 070 901	2 069 168
Transition C.	336 400	323 477	320 835	377 548	395 118
Developing C.	5 698 062	6 030 516	6 068 114	7 184 647	8 004 535
Least Developed C.	53 299	82 409	81 855	70 191	59 493
<b>Total</b>	<b>7 713 076</b>	<b>8 404 796</b>	<b>8 437 431</b>	<b>9 703 287</b>	<b>10 528 314</b>
	in %	in %	in %	in %	in %
Developed C.	21.07	23.42	23.31	21.34	19.65
Transition C.	4.36	3.85	3.80	3.89	3.75
Developing C.	73.88	71.75	71.92	74.04	76.03
Least Developed C.	0.69	0.98	0.97	0.72	0.57
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	338 881	323 477	320 835	384 198	732 609
Upper Middle	3 583 640	3 915 635	5 633 604	6 856 281	7 148 207
Lower Middle	1 959 553	2 121 090	310 777	1 924 096	2 359 590
Low	1 831 002	2 044 594	2 172 215	538 712	287 908
<b>Total</b>	<b>7 713 076</b>	<b>8 404 796</b>	<b>8 437 431</b>	<b>9 703 287</b>	<b>10 528 314</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	4.39	3.85	3.80	3.96	6.96
Upper Middle	46.46	46.59	66.77	70.66	67.90
Lower Middle	25.41	25.24	3.68	19.83	22.41
Low	23.74	24.33	25.74	5.55	2.73
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	329 970	448 365	399 464	365 952	274 484
ASEAN	28 000	24 170	34 060	88 592	138 280
CPE	195 928	127 845	120 665	132 862	111 505
EU	232 665	229 150	220 181	278 722	307 442
EFTA	0	0	0	0	0
G8	144 090	347 400	434 743	349 506	410 850
MERCOSUR	265 294	288 250	257 366	243 995	307 035
NAFTA	0	0	0	0	0
OECD	549 097	684 143	765 993	1 082 699	1 187 117
SADC	3 495 784	3 556 365	3 341 532	4 135 562	4 295 870

of them:

ACP	4.28	5.33	4.73	3.77	2.61
ASEAN	0.36	0.29	0.40	0.91	1.31
CPE	2.54	1.52	1.43	1.37	1.06
EU	3.02	2.73	2.61	2.87	2.92
EFTA	0.00	0.00	0.00	0.00	0.00
G8	1.87	4.13	5.15	3.60	3.90
MERCOSUR	3.44	3.43	3.05	2.51	2.92
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	7.12	8.14	9.08	11.16	11.28
SADC	45.32	42.31	39.60	42.62	40.80

## Cobalt

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	4 524	4 748	4 759	3 587	2 503
Transition C.	10 660	10 690	11 198	10 360	9 222
Developing C.	15 112	15 102	14 841	15 002	18 947
Least Developed C.	26 448	30 610	32 454	30 411	35 504
Total	56 744	61 150	63 252	59 360	66 176
	in %	in %	in %	in %	in %
Developed C.	7.97	7.76	7.52	6.04	3.78
Transition C.	18.79	17.48	17.70	17.45	13.94
Developing C.	26.63	24.70	23.46	25.27	28.63
Least Developed C.	46.61	50.06	51.31	51.23	53.65
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	13 386	12 459	13 098	12 280	11 162
Upper Middle	5 076	5 342	9 629	12 399	10 812
Lower Middle	11 775	12 435	8 045	4 241	8 670
Low	26 507	30 914	32 480	30 440	35 532
Total	56 744	61 150	63 252	59 360	66 176
	in %	in %	in %	in %	in %
High	23.59	20.37	20.71	20.69	16.87
Upper Middle	8.95	8.74	15.22	20.89	16.34
Lower Middle	20.75	20.34	12.72	7.14	13.10
Low	46.71	50.55	51.35	51.28	53.69
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	6 530	6 740	5 683	5 382	4 869
ASEAN	650	650	650	650	650
CPE	5 232	5 872	5 990	5 977	9 428
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	9 584	9 838	9 957	9 207	8 108
MERCOSUR	4 300	4 300	4 300	4 300	4 300
NAFTA	5 060	5 090	5 198	5 620	5 605
OECD	10 660	10 690	11 198	10 360	9 222
SADC	6 402	6 370	5 261	4 977	4 450
of them:					
ACP	11.51	11.02	8.98	9.07	7.36
ASEAN	1.15	1.06	1.03	1.10	0.98
CPE	9.22	9.60	9.47	10.07	14.25
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	16.89	16.09	15.74	15.51	12.25
MERCOSUR	7.58	7.03	6.80	7.24	6.50
NAFTA	8.92	8.32	8.22	9.47	8.47
OECD	18.79	17.48	17.70	17.45	13.94
SADC	11.28	10.42	8.32	8.38	6.72

## Manganese

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	2 051 417	1 967 798	2 169 714	2 152 860	2 224 300
Transition C.	1 584 714	1 891 132	2 205 200	2 571 395	2 334 885
Developing C.	8 497 084	9 225 288	8 855 694	9 522 367	10 155 354
Least Developed C.	0	0	0	0	0
Total	12 133 215	13 084 218	13 230 608	14 246 622	14 714 539

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



	in %	in %	in %	in %	in %
Developed C.	16.91	15.04	16.40	15.11	15.12
Transition C.	13.06	14.45	16.67	18.05	15.87
Developing C.	70.03	70.51	66.93	66.84	69.02
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	1 584 714	1 877 432	2 191 200	2 552 654	2 317 786
Upper Middle	3 306 243	3 600 379	6 445 438	6 460 228	7 588 926
Lower Middle	5 776 448	6 280 137	3 198 891	4 782 595	4 426 284
Low	1 465 810	1 326 270	1 395 079	451 145	381 543
Total	12 133 215	13 084 218	13 230 608	14 246 622	14 714 539
	in %	in %	in %	in %	in %
High	13.06	14.35	16.56	17.92	15.75
Upper Middle	27.25	27.52	48.72	45.35	51.57
Lower Middle	47.61	48.00	24.18	33.57	30.08
Low	12.08	10.14	10.54	3.17	2.59
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	1 788 565	1 985 669	2 089 163	2 123 995	2 094 722
ASEAN	2 184	42 480	3 600	31 680	310 884
CPE	2 000 000	2 400 000	2 200 000	2 800 000	2 200 000
EU	13 814	14 332	14 000	32 195	30 485
EFTA	0	0	0	0	0
G8	22 714	22 632	22 000	22 000	22 000
MERCOSUR	1 705 905	1 839 716	1 251 200	746 400	1 284 000
NAFTA	135 893	132 900	124 400	152 400	171 773
OECD	1 738 520	2 025 695	2 341 850	2 717 054	2 501 559
SADC	1 876 495	2 031 007	2 307 429	2 655 014	3 005 121
of them:					
ACP	14.74	15.18	15.79	14.91	14.24
ASEAN	0.02	0.32	0.03	0.22	2.11
CPE	16.48	18.34	16.63	19.65	14.95
EU	0.11	0.11	0.11	0.23	0.21
EFTA	0.00	0.00	0.00	0.00	0.00
G8	0.19	0.17	0.17	0.15	0.15
MERCOSUR	14.06	14.06	9.46	5.24	8.73
NAFTA	1.12	1.02	0.94	1.07	1.17
OECD	14.33	15.48	17.70	19.07	17.00
SADC	15.47	15.52	17.44	18.64	20.42

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Molybdenum

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	7 040	7 097	8 000	8 480	8 700
Transition C.	51 019	65 935	67 523	63 681	65 043
Developing C.	101 301	112 471	110 797	132 477	122 400
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>159 360</b>	<b>185 503</b>	<b>186 320</b>	<b>204 638</b>	<b>196 143</b>
	in %	in %	in %	in %	in %
Developed C.	4.42	3.83	4.29	4.14	4.44
Transition C.	32.01	35.54	36.24	31.12	33.16
Developing C.	63.57	60.63	59.47	64.74	62.40
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	51 019	65 935	67 523	63 681	65 043
Upper Middle	48 714	54 993	49 334	54 962	61 969
Lower Middle	57 736	62 595	67 209	85 145	68 281
Low	1 891	1 980	2 254	850	850
<b>Total</b>	<b>159 360</b>	<b>185 503</b>	<b>186 320</b>	<b>204 638</b>	<b>196 143</b>
	in %	in %	in %	in %	in %
High	32.01	35.54	36.24	31.12	33.16
Upper Middle	30.57	29.65	26.48	26.86	31.59
Lower Middle	36.23	33.74	36.07	41.61	34.81
Low	1.19	1.07	1.21	0.42	0.43
<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	0	0	0	0
ASEAN	0	0	0	0	0
CPE	39 641	41 153	45 304	61 778	61 681
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	54 119	68 935	70 523	66 981	68 543
MERCOSUR	0	0	0	0	0
NAFTA	54 750	70 180	70 023	70 181	72 855
OECD	54 750	70 180	70 023	70 181	72 855
SADC	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	24.88	22.18	24.32	30.19	31.45
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	33.96	37.16	37.85	32.73	34.95
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	34.36	37.83	37.58	34.30	37.14
OECD	34.36	37.83	37.58	34.30	37.14
SADC	0.00	0.00	0.00	0.00	0.00

## Nickel

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	319 900	323 300	331 900	296 000	293 600
Transition C.	397 297	421 722	446 584	467 698	491 274
Developing C.	665 400	686 194	722 361	808 244	718 800
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>1 382 597</b>	<b>1 431 216</b>	<b>1 500 845</b>	<b>1 571 942</b>	<b>1 503 674</b>
	in %	in %	in %	in %	in %
Developed C.	23.14	22.59	22.11	18.83	19.53
Transition C.	28.74	29.47	29.76	29.75	32.67
Developing C.	48.13	47.94	48.13	51.42	47.80
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	514 597	532 922	548 884	592 309	592 744
Upper Middle	396 500	403 892	451 356	476 333	569 230
Lower Middle	461 700	485 102	491 805	494 700	335 300
Low	9 800	9 300	8 800	8 600	6 400
<b>Total</b>	<b>1 382 597</b>	<b>1 431 216</b>	<b>1 500 845</b>	<b>1 571 942</b>	<b>1 503 674</b>
	in %	in %	in %	in %	in %
High	37.22	37.24	36.57	37.68	39.42
Upper Middle	28.68	28.22	30.07	30.30	37.86
Lower Middle	33.39	33.89	32.77	31.47	22.30
Low	0.71	0.65	0.59	0.55	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	61 600	66 200	65 300	60 544	48 100
ASEAN	159 700	175 902	214 705	279 800	264 200
CPE	147 500	146 500	142 300	144 100	138 300
EU	23 416	32 480	28 322	29 498	29 286
EFTA	181	342	362	400	400
G8	501 700	514 900	552 900	534 600	536 588
MERCOSUR	44 900	36 600	59 200	54 100	49 300
NAFTA	186 700	199 900	232 900	254 800	259 588
OECD	397 297	422 422	448 484	473 698	499 374
SADC	72 000	79 892	77 356	69 333	61 000

of them:

ACP	4.46	4.63	4.35	3.85	3.20
ASEAN	11.55	12.29	14.31	17.80	17.57
CPE	10.67	10.24	9.48	9.17	9.20
EU	1.69	2.27	1.89	1.88	1.95
EFTA	0.01	0.02	0.02	0.03	0.03
G8	36.29	35.98	36.84	34.01	35.69
MERCOSUR	3.25	2.56	3.94	3.44	3.28
NAFTA	13.50	13.97	15.52	16.21	17.26
OECD	28.74	29.51	29.88	30.13	33.21
SADC	5.21	5.58	5.15	4.41	4.06

## Tantalum-Columbium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	0	0	0	0	0
Transition C.	3 800	4 044	4 487	4 803	5 112
Developing C.	39 351	56 326	68 893	81 994	82 062
Least Developed C.	472	395	247	552	748
<b>Total</b>	<b>43 623</b>	<b>60 765</b>	<b>73 627</b>	<b>87 349</b>	<b>87 922</b>
	in %	in %	in %	in %	in %
Developed C.	0.00	0.00	0.00	0.00	0.00
Transition C.	8.71	6.66	6.09	5.50	5.81
Developing C.	90.21	92.69	93.57	93.87	93.34
Least Developed C.	1.08	0.65	0.34	0.63	0.85
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	3 800	4 044	4 487	4 803	5 112
Upper Middle	0	0	68 850	81 922	82 000
Lower Middle	39 307	56 291	3	2	62
Low	516	430	287	622	748
<b>Total</b>	<b>43 623</b>	<b>60 765</b>	<b>73 627</b>	<b>87 349</b>	<b>87 922</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	8.71	6.66	6.09	5.50	5.81
Upper Middle	0.00	0.00	93.51	93.79	93.26
Lower Middle	90.11	92.64	0.00	0.00	0.07
Low	1.18	0.71	0.39	0.71	0.85
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	479	369	261	490	622
ASEAN	0	0	0	0	0
CPE	0	0	0	0	0
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	3 450	3 704	4 157	4 368	4 432
MERCOSUR	39 296	56 287	68 850	81 922	82 000
NAFTA	3 450	3 704	4 157	4 368	4 432
OECD	3 800	4 044	4 487	4 803	5 112
SADC	260	101	34	70	138
of them:					
ACP	1.10	0.61	0.35	0.56	0.71
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	0.00	0.00	0.00	0.00	0.00
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	7.91	6.10	5.65	5.00	5.04
MERCOSUR	90.08	92.63	93.51	93.79	93.26
NAFTA	7.91	6.10	5.65	5.00	5.04
OECD	8.71	6.66	6.09	5.50	5.81
SADC	0.60	0.17	0.05	0.08	0.16

## Titanium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	369 000	343 000	373 500	379 900	435 900
Transition C.	3 261 500	3 159 000	3 583 000	3 623 000	3 295 668
Developing C.	2 484 709	2 554 236	2 693 759	2 989 126	3 040 712
Least Developed C.	0	0	0	0	52 894
Total	6 115 209	6 056 236	6 650 259	6 992 026	6 825 174
	in %	in %	in %	in %	in %
Developed C.	6.03	5.66	5.62	5.43	6.39
Transition C.	53.33	52.16	53.88	51.82	48.29
Developing C.	40.63	42.18	40.51	42.75	44.55
Least Developed C.	0.00	0.00	0.00	0.00	0.77
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	3 339 887	3 240 865	3 676 591	3 723 855	3 413 224
Upper Middle	1 190 809	1 149 007	1 165 607	1 386 121	1 413 680
Lower Middle	995 360	1 064 303	1 148 000	1 544 800	1 595 126
Low	589 153	602 061	660 061	337 250	403 144
Total	6 115 209	6 056 236	6 650 259	6 992 026	6 825 174
	in %	in %	in %	in %	in %
High	54.62	53.51	55.28	53.26	50.01
Upper Middle	19.47	18.97	17.53	19.82	20.71
Lower Middle	16.28	17.57	17.26	22.09	23.37
Low	9.63	9.94	9.93	4.82	5.91
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0	0	71 000	84 010	52 894
ASEAN	33 809	21 007	25 107	32 621	20 230
CPE	703 540	768 548	942 448	968 240	1 065 250
EU	0	0	0	0	0
EFTA	387 500	310 000	374 000	374 000	402 568
G8	1 682 000	1 583 000	1 710 000	1 684 200	1 458 300
MERCOSUR	91 360	95 000	97 000	95 600	73 150
NAFTA	1 655 000	1 555 000	1 680 000	1 650 000	1 423 100
OECD	3 339 887	3 240 865	3 676 591	3 723 855	3 413 224
SADC	1 130 000	1 100 000	1 000 000	1 208 000	1 269 400
of them:					
ACP	0.00	0.00	1.07	1.20	0.77
ASEAN	0.55	0.35	0.38	0.47	0.30
CPE	11.50	12.69	14.17	13.85	15.61
EU	0.00	0.00	0.00	0.00	0.00
EFTA	6.34	5.12	5.62	5.35	5.90
G8	27.51	26.14	25.71	24.09	21.37
MERCOSUR	1.49	1.57	1.46	1.37	1.07
NAFTA	27.06	25.68	25.26	23.60	20.85
OECD	54.62	53.51	55.28	53.26	50.01
SADC	18.48	18.16	15.04	17.28	18.60

## Tungsten

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	3 320	3 410	3 350	3 700	3 700
Transition C.	2 093	2 803	4 509	4 693	4 886
Developing C.	61 767	53 770	48 138	45 045	46 829
Least Developed C.	147	637	1 653	2 333	2 138
Total	67 327	60 620	57 650	55 771	57 553

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
Developed C.	4.93	5.63	5.81	6.63	6.43
Transition C.	3.11	4.62	7.82	8.41	8.49
Developing C.	91.74	88.70	83.50	80.77	81.37
Least Developed C.	0.22	1.05	2.87	4.18	3.71
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	2 093	2 803	4 509	4 693	4 886
Upper Middle	2 800	2 900	3 475	3 837	4 200
Lower Middle	61 127	53 059	46 690	43 725	45 329
Low	1 307	1 858	2 976	3 516	3 138
Total	67 327	60 620	57 650	55 771	57 553
	in %	in %	in %	in %	in %
High	3.11	4.62	7.82	8.41	8.49
Upper Middle	4.16	4.78	6.03	6.88	7.30
Lower Middle	90.79	87.53	80.99	78.40	78.76
Low	1.94	3.06	5.16	6.30	5.45
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	125	457	1 153	1 753	1 618
ASEAN	337	622	546	823	582
CPE	60 553	51 853	45 726	41 759	44 197
EU	2 081	2 096	1 933	1 963	2 267
EFTA	0	0	0	0	0
G8	2 800	3 600	5 461	5 900	5 808
MERCOSUR	262	458	525	537	550
NAFTA	0	700	2 561	2 700	2 608
OECD	2 093	2 803	4 509	4 693	4 886
SADC	0	0	0	0	0
of them:					
ACP	0.19	0.75	2.00	3.14	2.81
ASEAN	0.50	1.03	0.95	1.48	1.01
CPE	89.94	85.54	79.32	74.88	76.79
EU	3.09	3.46	3.35	3.52	3.94
EFTA	0.00	0.00	0.00	0.00	0.00
G8	4.16	5.94	9.47	10.58	10.09
MERCOSUR	0.39	0.76	0.91	0.96	0.96
NAFTA	0.00	1.15	4.44	4.84	4.53
OECD	3.11	4.62	7.82	8.41	8.49
SADC	0.00	0.00	0.00	0.00	0.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Vanadium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	11 900	16 200	19 200	18 500	15 500
Transition C.	1 900	1 500	1 300	1 300	1 000
Developing C.	33 303	38 604	41 780	42 486	38 795
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>47 103</b>	<b>56 304</b>	<b>62 280</b>	<b>62 286</b>	<b>55 295</b>
	in %	in %	in %	in %	in %
Developed C.	25.26	28.77	30.83	29.70	28.03
Transition C.	4.03	2.66	2.09	2.09	1.81
Developing C.	70.70	68.56	67.08	68.21	70.16
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	1 900	1 500	1 300	1 300	1 000
Upper Middle	34 203	37 704	42 980	41 986	35 795
Lower Middle	11 000	17 100	18 000	19 000	18 500
Low	0	0	0	0	0
<b>Total</b>	<b>47 103</b>	<b>56 304</b>	<b>62 280</b>	<b>62 286</b>	<b>55 295</b>
	in %	in %	in %	in %	in %
High	4.03	2.66	2.09	2.09	1.81
Upper Middle	72.61	66.97	69.01	67.41	64.73
Lower Middle	23.35	30.37	28.90	30.50	33.46
Low	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	0	0	0	0
ASEAN	0	0	0	0	0
CPE	10 000	16 000	18 000	19 000	18 500
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	12 800	16 600	19 300	18 800	15 500
MERCOSUR	0	0	0	0	0
NAFTA	1 900	1 500	1 300	1 300	1 000
OECD	1 900	1 500	1 300	1 300	1 000
SADC	23 303	22 604	23 780	23 486	20 295

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	21.23	28.42	28.90	30.50	33.46
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	27.17	29.48	30.99	30.18	28.03
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	4.03	2.66	2.09	2.09	1.81
OECD	4.03	2.66	2.09	2.09	1.81
SADC	49.47	40.15	38.18	37.71	36.70

## 6.3.2 Non-Ferrous Metals / Nichteisenmetalle

### Aluminium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	4 373 394	4 547 500	4 252 900	4 809 517	4 628 157
Transition C.	11 995 872	12 458 618	12 160 491	12 871 723	13 294 758
Developing C.	12 909 000	14 467 513	16 649 370	19 877 859	20 623 500
Least Developed C.	547 100	553 700	562 800	559 900	536 000
Total	29 825 366	32 027 331	33 625 561	38 118 999	39 082 415
	in %	in %	in %	in %	in %
Developed C.	14.66	14.20	12.65	12.62	11.84
Transition C.	40.22	38.90	36.16	33.77	34.02
Developing C.	43.28	45.17	49.51	52.15	52.77
Least Developed C.	1.83	1.73	1.67	1.47	1.37
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	12 991 772	13 683 518	13 608 291	14 290 323	14 715 058
Upper Middle	6 011 400	6 057 413	7 396 803	7 965 576	7 777 857
Lower Middle	9 070 194	10 397 300	10 462 967	14 871 200	15 644 700
Low	1 752 000	1 889 100	2 157 500	991 900	944 800
Total	29 825 366	32 027 331	33 625 561	38 118 999	39 082 415
	in %	in %	in %	in %	in %
High	43.56	42.72	40.47	37.49	37.65
Upper Middle	20.16	18.91	22.00	20.90	19.90
Lower Middle	30.41	32.46	31.12	39.01	40.03
Low	5.87	5.90	6.42	2.60	2.42
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	633 000	653 500	727 000	659 800	635 000
ASEAN	240 800	252 300	250 300	242 100	242 500
CPE	6 688 800	7 806 000	9 385 400	12 558 600	13 176 600
EU	3 032 234	3 024 418	2 811 167	3 157 523	3 091 810
EFTA	1 637 538	1 708 200	1 723 424	1 760 500	2 128 400
G8	10 379 400	10 765 911	10 030 639	11 120 942	11 124 924
MERCOSUR	1 729 500	1 770 300	2 670 303	2 568 659	2 662 600
NAFTA	5 108 600	5 465 200	5 334 200	5 636 600	5 778 448
OECD	11 971 872	12 379 618	12 080 891	12 488 362	12 982 158
SADC	1 410 700	1 399 913	1 457 800	1 458 900	1 347 000

of them:

ACP	2.12	2.04	2.16	1.73	1.62
ASEAN	0.81	0.79	0.74	0.64	0.62
CPE	22.43	24.37	27.91	32.95	33.71
EU	10.17	9.44	8.36	8.28	7.91
EFTA	5.49	5.33	5.13	4.62	5.45
G8	34.80	33.61	29.83	29.17	28.47
MERCOSUR	5.80	5.53	7.94	6.74	6.81
NAFTA	17.13	17.06	15.86	14.79	14.79
OECD	40.14	38.65	35.93	32.76	33.22
SADC	4.73	4.37	4.34	3.83	3.45

## Antimony

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	8 573	8 673	7 980	7 980	8 000
Transition C.	225	199	1 869	2 193	1 116
Developing C.	140 575	166 637	170 413	176 797	192 364
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>149 373</b>	<b>175 509</b>	<b>180 262</b>	<b>186 970</b>	<b>201 480</b>
	in %	in %	in %	in %	in %
Developed C.	5.74	4.94	4.43	4.27	3.97
Transition C.	0.15	0.11	1.04	1.17	0.55
Developing C.	94.11	94.94	94.54	94.56	95.48
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	225	199	1 869	2 193	1 116
Upper Middle	8 827	10 742	9 199	7 968	8 764
Lower Middle	134 748	158 890	164 123	171 710	186 600
Low	5 573	5 678	5 071	5 099	5 000
<b>Total</b>	<b>149 373</b>	<b>175 509</b>	<b>180 262</b>	<b>186 970</b>	<b>201 480</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	0.15	0.11	1.04	1.17	0.55
Upper Middle	5.91	6.12	5.10	4.26	4.35
Lower Middle	90.21	90.53	91.05	91.84	92.61
Low	3.73	3.24	2.81	2.73	2.48
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0	0	0	0	0
ASEAN	61	415	1 639	0	0
CPE	128 433	151 457	156 200	163 000	183 000
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	3 105	3 079	3 269	3 193	3 116
MERCOSUR	0	0	0	0	0
NAFTA	608	679	1 069	607	496
OECD	1 085	1 962	3 706	3 807	2 796
SADC	4 967	5 979	4 362	3 354	3 500
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.04	0.24	0.91	0.00	0.00
CPE	85.98	86.30	86.65	87.18	90.83
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	2.08	1.75	1.81	1.71	1.55
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	0.41	0.39	0.59	0.32	0.25
OECD	0.73	1.12	2.06	2.04	1.39
SADC	3.33	3.41	2.42	1.79	1.74

## Arsenic

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	3 000	3 000	3 300	1 500	1 500
Transition C.	40	40	40	40	40
Developing C.	55 181	54 908	57 408	52 216	51 581
Least Developed C.	0	0	0	0	0
Total	58 221	57 948	60 748	53 756	53 121
	in %	in %	in %	in %	in %
Developed C.	5.15	5.18	5.43	2.79	2.82
Transition C.	0.07	0.07	0.07	0.07	0.08
Developing C.	94.78	94.75	94.50	97.14	97.10
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	40	40	40	40	40
Upper Middle	14 392	13 200	14 700	13 400	18 396
Lower Middle	43 789	44 708	46 008	40 316	34 685
Low	0	0	0	0	0
Total	58 221	57 948	60 748	53 756	53 121
	in %	in %	in %	in %	in %
High	0.07	0.07	0.07	0.07	0.08
Upper Middle	24.72	22.78	24.20	24.93	34.63
Lower Middle	75.21	77.15	75.74	75.00	65.29
Low	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	1 264	29	0	610	574
ASEAN	830	820	700	700	600
CPE	30 000	30 000	30 000	25 000	25 000
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	1 540	1 540	1 840	1 540	1 540
MERCOSUR	0	0	0	0	0
NAFTA	1 892	1 700	1 600	500	500
OECD	1 932	1 740	1 640	540	540
SADC	1 264	29	0	610	574
of them:					
ACP	2.17	0.05	0.00	1.13	1.08
ASEAN	1.43	1.42	1.15	1.30	1.13
CPE	51.53	51.77	49.38	46.51	47.06
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	2.65	2.66	3.03	2.86	2.90
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	3.25	2.93	2.63	0.93	0.94
OECD	3.32	3.00	2.70	1.00	1.02
SADC	2.17	0.05	0.00	1.13	1.08

## Bauxite

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	12 288 382	12 256 400	12 797 200	12 933 301	12 692 300
Transition C.	59 418 965	62 790 300	65 619 780	65 325 275	66 614 809
Developing C.	77 748 964	80 095 720	87 768 053	97 318 289	100 469 669
Least Developed C.	18 807 500	19 246 818	18 794 869	18 528 000	19 454 100
Total	168 263 811	174 389 238	184 979 902	194 104 865	199 230 878

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
Developed C.	7.30	7.03	6.92	6.66	6.37
Transition C.	35.31	36.01	35.47	33.65	33.44
Developing C.	46.21	45.93	47.45	50.14	50.43
Least Developed C.	11.18	11.04	10.16	9.55	9.76
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	59 418 965	62 255 300	65 112 380	65 325 275	66 615 309
Upper Middle	13 458 658	13 793 515	42 077 733	62 769 738	66 373 469
Lower Middle	64 683 388	65 920 105	43 101 091	45 534 647	46 014 000
Low	30 702 800	32 420 318	34 688 698	20 475 205	20 228 100
Total	168 263 811	174 389 238	184 979 902	194 104 865	199 230 878
	in %	in %	in %	in %	in %
High	35.31	35.70	35.20	33.65	33.44
Upper Middle	8.00	7.91	22.75	32.34	33.31
Lower Middle	38.44	37.80	23.30	23.46	23.10
Low	18.25	18.59	18.75	10.55	10.15
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	38 280 108	40 522 658	41 945 423	42 456 133	42 226 200
ASEAN	1 332 840	1 375 345	1 593 743	1 407 947	1 427 069
CPE	17 538 000	17 463 200	19 041 000	20 526 000	21 680 000
EU	3 213 065	3 200 100	2 951 780	2 768 533	2 736 209
EFTA	0	0	0	0	0
G8	6 447 500	6 700 500	6 920 200	6 791 742	6 249 600
MERCOSUR	20 958 800	20 307 400	28 764 100	29 775 800	33 397 500
NAFTA	259 900	121 200	361 000	128 742	89 600
OECD	60 431 801	63 146 780	66 391 007	66 188 679	67 514 809
SADC	12 000	9 518	11 069	9 000	9 000
of them:					
ACP	22.75	23.24	22.68	21.87	21.19
ASEAN	0.79	0.79	0.86	0.73	0.72
CPE	10.42	10.01	10.29	10.57	10.88
EU	1.91	1.84	1.60	1.43	1.37
EFTA	0.00	0.00	0.00	0.00	0.00
G8	3.83	3.84	3.74	3.50	3.14
MERCOSUR	12.46	11.64	15.55	15.34	16.76
NAFTA	0.15	0.07	0.20	0.07	0.04
OECD	35.91	36.21	35.89	34.10	33.89
SADC	0.01	0.01	0.01	0.00	0.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Bismuth

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	173	164	184	193	141
Transition C.	739	656	639	553	551
Developing C.	3 926	3 851	4 236	5 961	7 343
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>4 838</b>	<b>4 671</b>	<b>5 059</b>	<b>6 707</b>	<b>8 035</b>
	in %	in %	in %	in %	in %
Developed C.	3.58	3.51	3.64	2.88	1.75
Transition C.	15.27	14.04	12.63	8.25	6.86
Developing C.	81.15	82.44	83.73	88.88	91.39
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	739	656	639	553	551
Upper Middle	1 034	1 019	1 377	1 390	2 331
Lower Middle	3 062	2 991	3 036	4 761	5 150
Low	3	5	7	3	3
<b>Total</b>	<b>4 838</b>	<b>4 671</b>	<b>5 059</b>	<b>6 707</b>	<b>8 035</b>
	in %	in %	in %	in %	in %
High	15.27	14.04	12.63	8.25	6.86
Upper Middle	21.37	21.82	27.22	20.72	29.01
Lower Middle	63.29	64.03	60.01	70.99	64.09
Low	0.06	0.11	0.14	0.04	0.04
<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	0	0	0	0
ASEAN	0	0	0	0	0
CPE	2 000	2 000	1 800	3 500	5 000
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	759	675	656	603	564
MERCOSUR	0	0	0	0	0
NAFTA	1 231	1 193	1 414	1 345	1 203
OECD	1 753	1 656	1 839	1 753	1 683
SADC	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	41.34	42.82	35.58	52.18	62.23
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	15.69	14.45	12.97	8.99	7.02
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	25.44	25.54	27.95	20.05	14.97
OECD	36.23	35.45	36.35	26.14	20.95
SADC	0.00	0.00	0.00	0.00	0.00

## Cadmium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	3 364	2 593	2 670	2 470	2 532
Transition C.	7 667	7 566	7 126	6 550	6 799
Developing C.	9 960	9 603	9 790	10 002	10 317
Least Developed C.	0	0	0	0	0
Total	20 991	19 762	19 586	19 022	19 648
	in %	in %	in %	in %	in %
Developed C.	16.03	13.12	13.63	12.98	12.89
Transition C.	36.53	38.29	36.38	34.43	34.60
Developing C.	47.45	48.59	49.98	52.58	52.51
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	9 673	9 740	10 073	8 657	8 910
Upper Middle	2 639	2 688	4 649	5 020	5 638
Lower Middle	7 990	6 725	4 207	5 145	4 900
Low	689	609	657	200	200
Total	20 991	19 762	19 586	19 022	19 648
	in %	in %	in %	in %	in %
High	46.08	49.29	51.43	45.51	45.35
Upper Middle	12.57	13.60	23.74	26.39	28.70
Lower Middle	38.06	34.03	21.48	27.05	24.94
Low	3.28	3.08	3.35	1.05	1.02
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
CPE	4 728	4 274	3 991	4 415	4 500
EU	1 469	1 492	1 477	1 759	1 979
EFTA	141	153	125	269	178
G8	6 858	6 732	6 329	5 397	5 582
MERCOSUR	226	203	206	206	206
NAFTA	4 950	4 822	4 213	3 728	3 736
OECD	11 623	11 775	11 846	10 683	11 063
SADC	0	0	0	0	0

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	22.52	21.63	20.38	23.21	22.90
EU	7.00	7.55	7.54	9.25	10.07
EFTA	0.67	0.77	0.64	1.41	0.91
G8	32.67	34.07	32.31	28.37	28.41
MERCOSUR	1.08	1.03	1.05	1.08	1.05
NAFTA	23.58	24.40	21.51	19.60	19.01
OECD	55.37	59.58	60.48	56.16	56.31
SADC	0.00	0.00	0.00	0.00	0.00

## Copper

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	1 304 900	1 289 300	1 401 826	1 237 718	1 240 411
Transition C.	3 304 770	3 368 474	3 387 801	3 340 206	3 559 620
Developing C.	9 457 426	9 673 977	9 613 362	10 096 509	9 676 458
Least Developed C.	489 000	599 600	716 118	792 792	940 500
<b>Total</b>	<b>14 556 096</b>	<b>14 931 351</b>	<b>15 119 107</b>	<b>15 467 225</b>	<b>15 416 989</b>
	in %	in %	in %	in %	in %
Developed C.	8.96	8.63	9.27	8.00	8.05
Transition C.	22.70	22.56	22.41	21.60	23.09
Developing C.	64.97	64.79	63.58	65.28	62.76
Least Developed C.	3.36	4.02	4.74	5.13	6.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	2 774 829	2 857 577	2 891 301	2 812 030	2 975 565
Upper Middle	7 327 770	7 245 289	7 955 644	8 137 927	9 180 365
Lower Middle	3 485 997	3 709 515	3 036 844	3 390 692	2 219 959
Low	967 500	1 118 970	1 235 318	1 126 576	1 041 100
<b>Total</b>	<b>14 556 096</b>	<b>14 931 351</b>	<b>15 119 107</b>	<b>15 467 225</b>	<b>15 416 989</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



	in %	in %	in %	in %	in %
High	19.06	19.14	19.12	18.18	19.30
Upper Middle	50.34	48.52	52.62	52.61	59.55
Lower Middle	23.95	24.84	20.09	21.92	14.40
Low	6.65	7.49	8.17	7.28	6.75
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	623 300	701 127	751 518	781 792	810 000
ASEAN	857 600	1 080 500	834 300	811 762	671 200
CPE	898 200	918 000	1 042 100	1 082 700	1 077 987
EU	726 970	711 074	685 206	704 958	755 647
EFTA	0	0	0	0	0
G8	2 353 800	2 376 400	2 498 595	2 456 248	2 622 973
MERCOSUR	280 253	320 642	327 944	385 923	372 693
NAFTA	2 075 100	2 108 700	2 150 795	2 101 748	2 185 573
OECD	3 705 036	3 795 874	3 760 801	3 632 781	3 797 014
SADC	570 477	612 034	661 118	700 808	725 200
of them:					
ACP	4.28	4.70	4.97	5.05	5.25
ASEAN	5.89	7.24	5.52	5.25	4.35
CPE	6.17	6.15	6.89	7.00	6.99
EU	4.99	4.76	4.53	4.56	4.90
EFTA	0.00	0.00	0.00	0.00	0.00
G8	16.17	15.92	16.53	15.88	17.01
MERCOSUR	1.93	2.15	2.17	2.50	2.42
NAFTA	14.26	14.12	14.23	13.59	14.18
OECD	25.45	25.42	24.87	23.49	24.63
SADC	3.92	4.10	4.37	4.53	4.70

## Gallium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	6	0	0	0	0
Transition C.	4	10	11	10	10
Developing C.	25	28	30	30	30
Least Developed C.	0	0	0	0	0
Total	35	38	41	40	40
	in %	in %	in %	in %	in %
Developed C.	17.14	0.00	0.00	0.00	0.00
Transition C.	11.43	26.32	26.83	25.00	25.00
Developing C.	71.43	73.68	73.17	75.00	75.00
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	4	5	6	10	10
Upper Middle	6	5	5	0	0
Lower Middle	25	28	30	30	30
Low	0	0	0	0	0
Total	35	38	41	40	40
	in %	in %	in %	in %	in %
High	11.43	13.16	14.63	25.00	25.00
Upper Middle	17.14	13.16	12.20	0.00	0.00
Lower Middle	71.43	73.68	73.17	75.00	75.00
Low	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
CPE	25	28	30	30	30
EU	6	5	5	5	5
EFTA	0	0	0	0	0
G8	4	5	6	5	5
MERCOSUR	0	0	0	0	0
NAFTA	0	0	0	0	0
OECD	10	10	11	10	10
SADC	0	0	0	0	0
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	71.43	73.68	73.17	75.00	75.00
EU	17.14	13.16	12.20	12.50	12.50
EFTA	0.00	0.00	0.00	0.00	0.00
G8	11.43	13.16	14.63	12.50	12.50
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	28.57	26.32	26.83	25.00	25.00
SADC	0.00	0.00	0.00	0.00	0.00

## Germanium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	3	3	2	2	2
Transition C.	15	5	5	5	5
Developing C.	15	20	22	25	30
Least Developed C.	0	0	0	0	0
Total	33	28	29	32	37

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
Developed C.	9.09	10.71	6.90	6.25	5.41
Transition C.	45.45	17.86	17.24	15.63	13.51
Developing C.	45.45	71.43	75.86	78.13	81.08
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	15	5	5	5	5
Upper Middle	3	3	2	2	2
Lower Middle	15	20	22	25	30
Low	0	0	0	0	0
Total	33	28	29	32	37
	in %	in %	in %	in %	in %
High	45.45	17.86	17.24	15.63	13.51
Upper Middle	9.09	10.71	6.90	6.25	5.41
Lower Middle	45.45	71.43	75.86	78.13	81.08
Low	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
CPE	15	20	22	25	30
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	18	8	7	7	7
MERCOSUR	0	0	0	0	0
NAFTA	15	5	5	5	5
OECD	15	5	5	5	5
SADC	0	0	0	0	0
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	45.45	71.43	75.86	78.13	81.08
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	54.55	28.57	24.14	21.88	18.92
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	45.45	17.86	17.24	15.63	13.51
OECD	45.45	17.86	17.24	15.63	13.51
SADC	0.00	0.00	0.00	0.00	0.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Lead

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	94 400	93 510	118 800	121 600	144 300
Transition C.	1 373 359	1 474 582	1 359 917	1 364 208	1 361 504
Developing C.	1 671 512	1 744 921	2 045 031	2 119 752	2 367 760
Least Developed C.	0	0	0	0	3 000
<b>Total</b>	<b>3 139 271</b>	<b>3 313 013</b>	<b>3 523 748</b>	<b>3 605 560</b>	<b>3 876 564</b>
	in %	in %	in %	in %	in %
Developed C.	3.01	2.82	3.37	3.37	3.72
Transition C.	43.75	44.51	38.59	37.84	35.12
Developing C.	53.25	52.67	58.04	58.79	61.08
Least Developed C.	0.00	0.00	0.00	0.00	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	1 320 699	1 423 739	1 309 917	1 296 724	1 284 727
Upper Middle	274 086	295 330	368 136	335 084	784 859
Lower Middle	1 471 186	1 511 144	1 749 495	1 936 752	1 768 978
Low	73 300	82 800	96 200	37 000	38 000
<b>Total</b>	<b>3 139 271</b>	<b>3 313 013</b>	<b>3 523 748</b>	<b>3 605 560</b>	<b>3 876 564</b>
	in %	in %	in %	in %	in %
High	42.07	42.97	37.17	35.96	33.14
Upper Middle	8.73	8.91	10.45	9.29	20.25
Lower Middle	46.86	45.61	49.65	53.72	45.63
Low	2.33	2.50	2.73	1.03	0.98
<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	14 300	14 320	11 800	10 500	14 000
ASEAN	0	0	0	0	0
CPE	1 017 200	1 043 000	1 356 000	1 437 000	1 581 300
EU	172 147	187 845	179 044	204 108	207 477
EFTA	0	0	0	0	0
G8	551 712	557 437	548 073	568 000	569 927
MERCOSUR	24 334	23 883	26 364	30 795	36 788
NAFTA	632 600	638 000	632 596	608 900	610 027
OECD	1 502 999	1 615 339	1 494 417	1 452 524	1 468 927
SADC	51 800	56 479	60 100	52 400	60 400

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0.46	0.43	0.33	0.29	0.36
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	32.40	31.48	38.48	39.86	40.79
EU	5.48	5.67	5.08	5.66	5.35
EFTA	0.00	0.00	0.00	0.00	0.00
G8	17.57	16.83	15.55	15.75	14.70
MERCOSUR	0.78	0.72	0.75	0.85	0.95
NAFTA	20.15	19.26	17.95	16.89	15.74
OECD	47.88	48.76	42.41	40.29	37.89
SADC	1.65	1.70	1.71	1.45	1.56

## Lithium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	0	0	0	0	0
Transition C.	10 148	12 843	15 386	13 967	16 288
Developing C.	22 624	22 130	24 857	27 551	26 527
Least Developed C.	0	0	0	0	0
Total	32 772	34 973	40 243	41 518	42 815
	in %	in %	in %	in %	in %
Developed C.	0.00	0.00	0.00	0.00	0.00
Transition C.	30.97	36.72	38.23	33.64	38.04
Developing C.	69.03	63.28	61.77	66.36	61.96
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	10 148	12 843	15 386	13 967	16 288
Upper Middle	17 977	17 900	21 137	24 541	23 427
Lower Middle	3 197	3 293	2 820	3 010	3 100
Low	1 450	937	900	0	0
Total	32 772	34 973	40 243	41 518	42 815
	in %	in %	in %	in %	in %
High	30.97	36.72	38.23	33.64	38.04
Upper Middle	54.85	51.18	52.52	59.11	54.72
Lower Middle	9.76	9.42	7.01	7.25	7.24
Low	4.42	2.68	2.24	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	1 450	937	900	0	0
ASEAN	0	0	0	0	0
CPE	2 700	2 820	2 820	3 010	3 100
EU	376	331	381	417	375
EFTA	0	0	0	0	0
G8	3 850	3 830	3 900	3 937	3 937
MERCOSUR	497	473	437	430	430
NAFTA	3 850	3 830	3 900	3 937	3 937
OECD	10 148	12 843	15 386	13 967	16 288
SADC	1 450	937	900	0	0

of them:

ACP	4.42	2.68	2.24	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	8.24	8.06	7.01	7.25	7.24
EU	1.15	0.95	0.95	1.00	0.88
EFTA	0.00	0.00	0.00	0.00	0.00
G8	11.75	10.95	9.69	9.48	9.20
MERCOSUR	1.52	1.35	1.09	1.04	1.00
NAFTA	11.75	10.95	9.69	9.48	9.20
OECD	30.97	36.72	38.23	33.64	38.04
SADC	4.42	2.68	2.24	0.00	0.00

## Mercury

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	566	384	330	330	330
Transition C.	39	49	38	60	48
Developing C.	849	824	828	881	718
Least Developed C.	0	0	0	0	0
Total	1 454	1 257	1 196	1 271	1 096
	in %	in %	in %	in %	in %
Developed C.	38.93	30.55	27.59	25.96	30.11
Transition C.	2.68	3.90	3.18	4.72	4.38
Developing C.	58.39	65.55	69.23	69.32	65.51
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	39	49	38	60	48
Upper Middle	115	106	108	121	158
Lower Middle	784	768	770	810	610
Low	516	334	280	280	280
Total	1 454	1 257	1 196	1 271	1 096

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	2.68	3.90	3.18	4.72	4.38
Upper Middle	7.91	8.43	9.03	9.52	14.42
Lower Middle	53.92	61.10	64.38	63.73	55.66
Low	35.49	26.57	23.41	22.03	25.55
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
CPE	700	750	760	800	600
EU	24	34	23	45	33
EFTA	0	0	0	0	0
G8	65	65	65	65	65
MERCOSUR	0	0	0	0	0
NAFTA	30	21	23	36	73
OECD	54	55	46	81	106
SADC	0	0	0	0	0
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	48.14	59.67	63.55	62.94	54.74
EU	1.65	2.70	1.92	3.54	3.01
EFTA	0.00	0.00	0.00	0.00	0.00
G8	4.47	5.17	5.43	5.11	5.93
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	2.06	1.67	1.92	2.83	6.66
OECD	3.71	4.38	3.85	6.37	9.67
SADC	0.00	0.00	0.00	0.00	0.00

## Rare Earths Concentrates

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	0	0	0	0	0
Transition C.	0	0	0	0	0
Developing C.	97 395	101 022	121 652	121 122	125 673
Least Developed C.	0	0	0	0	0
Total	97 395	101 022	121 652	121 122	125 673
	in %	in %	in %	in %	in %
Developed C.	0.00	0.00	0.00	0.00	0.00
Transition C.	0.00	0.00	0.00	0.00	0.00
Developing C.	100.00	100.00	100.00	100.00	100.00
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	0	0	0	0	0
Upper Middle	1 683	320	1 284	1 072	623
Lower Middle	95 243	100 270	120 068	120 050	125 050
Low	469	432	300	0	0
Total	97 395	101 022	121 652	121 122	125 673
	in %	in %	in %	in %	in %
High	0.00	0.00	0.00	0.00	0.00
Upper Middle	1.73	0.32	1.06	0.89	0.50
Lower Middle	97.79	99.26	98.70	99.11	99.50
Low	0.48	0.43	0.25	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0	0	0	0	0
ASEAN	1 683	320	894	682	233
CPE	95 320	100 310	120 300	120 000	125 000
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	0	0	0	0	0
MERCOSUR	170	200	390	390	390
NAFTA	0	0	0	0	0
OECD	0	0	0	0	0
SADC	0	0	0	0	0
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	1.73	0.32	0.73	0.56	0.19
CPE	97.87	99.30	98.89	99.07	99.46
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	0.00	0.00	0.00	0.00	0.00
MERCOSUR	0.17	0.20	0.32	0.32	0.31
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

## Tellurium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	0	0	0	0	0
Transition C.	73	51	35	49	59
Developing C.	31	34	34	35	28
Least Developed C.	0	0	0	0	0
Total	104	85	69	84	87

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



	in %	in %	in %	in %	in %
Developed C.	0.00	0.00	0.00	0.00	0.00
Transition C.	70.19	60.00	50.72	58.33	67.82
Developing C.	29.81	40.00	49.28	41.67	32.18
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	73	51	35	49	59
Upper Middle	0	0	0	0	28
Lower Middle	29	33	34	35	0
Low	2	1	0	0	0
Total	104	85	69	84	87
	in %	in %	in %	in %	in %
High	70.19	60.00	50.72	58.33	67.82
Upper Middle	0.00	0.00	0.00	0.00	32.18
Lower Middle	27.88	38.82	49.28	41.67	0.00
Low	1.92	1.18	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
CPE	2	1	0	0	0
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	73	51	35	49	59
MERCOSUR	0	0	0	0	0
NAFTA	40	28	11	8	19
OECD	73	51	35	49	59
SADC	0	0	0	0	0
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	1.92	1.18	0.00	0.00	0.00
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	70.19	60.00	50.72	58.33	67.82
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	38.46	32.94	15.94	9.52	21.84
OECD	70.19	60.00	50.72	58.33	67.82
SADC	0.00	0.00	0.00	0.00	0.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Tin

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	5 300	5 100	5 000	2 600	1 500
Transition C.	1 025	2 304	1 502	2 126	1 812
Developing C.	272 093	283 285	281 306	292 175	252 189
Least Developed C.	5 600	8 100	8 235	14 166	17 422
<b>Total</b>	<b>284 018</b>	<b>298 789</b>	<b>296 043</b>	<b>311 067</b>	<b>272 923</b>
	in %	in %	in %	in %	in %
Developed C.	1.87	1.71	1.69	0.84	0.55
Transition C.	0.36	0.77	0.51	0.68	0.66
Developing C.	95.80	94.81	95.02	93.93	92.40
Least Developed C.	1.97	2.71	2.78	4.55	6.38
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	1 025	2 304	1 502	2 126	1 812
Upper Middle	8 069	7 985	16 926	17 459	54 567
Lower Middle	263 921	272 716	261 794	268 605	193 722
Low	11 003	15 784	15 821	22 877	22 822
<b>Total</b>	<b>284 018</b>	<b>298 789</b>	<b>296 043</b>	<b>311 067</b>	<b>272 923</b>
	in %	in %	in %	in %	in %
High	0.36	0.77	0.51	0.68	0.66
Upper Middle	2.84	2.67	5.72	5.61	19.99
Lower Middle	92.92	91.27	88.43	86.35	70.98
Low	3.87	5.28	5.34	7.35	8.36
<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	1 700	4 600	5 235	7 066	5 993
ASEAN	76 549	81 449	81 723	68 549	56 030
CPE	121 711	127 047	131 700	152 728	126 594
EU	225	232	25	41	29
EFTA	0	0	0	0	0
G8	5 300	5 100	5 000	2 600	1 500
MERCOSUR	12 202	11 739	9 528	12 596	11 600
NAFTA	24	28	0	0	0
OECD	1 049	2 332	1 502	2 126	1 812
SADC	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0.60	1.54	1.77	2.27	2.20
ASEAN	26.95	27.26	27.61	22.04	20.53
CPE	42.85	42.52	44.49	49.10	46.38
EU	0.08	0.08	0.01	0.01	0.01
EFTA	0.00	0.00	0.00	0.00	0.00
G8	1.87	1.71	1.69	0.84	0.55
MERCOSUR	4.30	3.93	3.22	4.05	4.25
NAFTA	0.01	0.01	0.00	0.00	0.00
OECD	0.37	0.78	0.51	0.68	0.66
SADC	0.00	0.00	0.00	0.00	0.00

## Zinc

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	560 300	581 436	615 623	574 437	622 372
Transition C.	3 724 981	3 664 555	3 568 859	3 775 405	3 770 822
Developing C.	5 348 058	5 839 208	6 238 143	6 534 585	7 185 975
Least Developed C.	9 000	9 100	20 800	21 500	20 899
Total	9 642 339	10 094 299	10 443 425	10 905 927	11 600 068
	in %	in %	in %	in %	in %
Developed C.	5.81	5.76	5.89	5.27	5.37
Transition C.	38.63	36.30	34.17	34.62	32.51
Developing C.	55.46	57.85	59.73	59.92	61.95
Least Developed C.	0.09	0.09	0.20	0.20	0.18
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	3 585 681	3 530 035	3 443 259	3 652 172	3 618 658
Upper Middle	827 136	910 564	1 504 698	1 445 653	3 393 364
Lower Middle	4 818 122	5 095 919	4 831 691	5 691 568	4 502 147
Low	411 400	557 781	663 777	116 534	85 899
Total	9 642 339	10 094 299	10 443 425	10 905 927	11 600 068
	in %	in %	in %	in %	in %
High	37.19	34.97	32.97	33.49	31.20
Upper Middle	8.58	9.02	14.41	13.26	29.25
Lower Middle	49.97	50.48	46.27	52.19	38.81
Low	4.27	5.53	6.36	1.07	0.74
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	202 000	232 000	208 000	196 000	209 000
ASEAN	40 000	42 762	45 000	49 400	36 600
CPE	2 453 200	2 624 200	3 024 150	3 122 350	3 322 800
EU	812 800	841 503	821 634	823 905	799 593
EFTA	0	0	0	0	0
G8	1 739 881	1 642 052	1 550 225	1 610 500	1 699 229
MERCOSUR	186 162	201 661	215 008	220 325	229 349
NAFTA	1 904 800	1 841 700	1 797 356	1 860 000	1 936 429
OECD	4 138 381	4 147 735	4 060 159	4 262 056	4 273 195
SADC	234 001	264 112	242 400	227 100	238 400

of them:

ACP	2.09	2.30	1.99	1.80	1.80
ASEAN	0.41	0.42	0.43	0.45	0.32
CPE	25.44	26.00	28.96	28.63	28.64
EU	8.43	8.34	7.87	7.55	6.89
EFTA	0.00	0.00	0.00	0.00	0.00
G8	18.04	16.27	14.84	14.77	14.65
MERCOSUR	1.93	2.00	2.06	2.02	1.98
NAFTA	19.75	18.24	17.21	17.05	16.69
OECD	42.92	41.09	38.88	39.08	36.84
SADC	2.43	2.62	2.32	2.08	2.06

### 6.3.3 Precious Metals / Edelmetalle

#### Gold

Developing status:	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
Developed C.	303 573	289 905	272 766	269 002	303 160
Transition C.	684 111	672 997	637 398	621 796	582 214
Developing C.	1 285 588	1 359 225	1 333 118	1 291 811	1 236 827
Least Developed C.	133 277	159 566	153 422	150 832	159 129
Total	2 406 549	2 481 693	2 396 704	2 333 441	2 281 330
	in %	in %	in %	in %	in %
Developed C.	12.61	11.68	11.38	11.53	13.29
Transition C.	28.43	27.12	26.59	26.65	25.52
Developing C.	53.42	54.77	55.62	55.36	54.22
Least Developed C.	5.54	6.43	6.40	6.46	6.98
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

annual per capita income	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
High	689 128	677 740	639 473	619 244	579 436
Upper Middle	619 007	580 607	646 731	650 026	858 885
Lower Middle	667 108	782 430	706 364	683 930	509 440
Low	431 306	440 916	404 136	380 241	333 569
Total	2 406 549	2 481 693	2 396 704	2 333 441	2 281 330
	in %	in %	in %	in %	in %
High	28.64	27.31	26.68	26.54	25.40
Upper Middle	25.72	23.40	26.98	27.86	37.65
Lower Middle	27.72	31.53	29.47	29.31	22.33
Low	17.92	17.77	16.86	16.30	14.62
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	305 758	323 427	297 583	305 208	323 343
ASEAN	131 047	189 024	182 057	162 957	105 169
CPE	231 350	279 122	268 767	287 963	290 469
EU	13 879	11 014	11 104	11 985	12 616
EFTA	0	0	0	0	0
G8	566 045	547 803	524 692	506 157	520 419
MERCOSUR	77 820	69 127	98 606	104 898	109 824
NAFTA	410 545	403 080	392 348	379 677	369 063
OECD	705 085	700 417	677 291	662 787	625 442
SADC	409 152	361 444	330 091	306 395	260 249
of them:					
ACP	12.71	13.03	12.42	13.08	14.17
ASEAN	5.45	7.62	7.60	6.98	4.61
CPE	9.61	11.25	11.21	12.34	12.73
EU	0.58	0.44	0.46	0.51	0.55
EFTA	0.00	0.00	0.00	0.00	0.00
G8	23.52	22.07	21.89	21.69	22.81
MERCOSUR	3.23	2.79	4.11	4.50	4.81
NAFTA	17.06	16.24	16.37	16.27	16.18
OECD	29.30	28.22	28.26	28.40	27.42
SADC	17.00	14.56	13.77	13.13	11.41

## Palladium

Developing status:	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
Developed C.	97 000	97 400	100 142	94 855	84 240
Transition C.	26 512	27 624	29 011	31 409	28 895
Developing C.	82 487	88 760	92 325	92 427	87 214
Least Developed C.	0	0	0	0	0
Total	205 999	213 784	221 478	218 691	200 349

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
Developed C.	47.09	45.56	45.22	43.37	42.05
Transition C.	12.87	12.92	13.10	14.36	14.42
Developing C.	40.04	41.52	41.69	42.26	43.53
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
High	26 500	27 612	29 001	31 389	28 875
Upper Middle	175 935	182 293	188 455	183 012	161 833
Lower Middle	0	0	0	0	0
Low	3 564	3 879	4 022	4 290	9 641
Total	205 999	213 784	221 478	218 691	200 349
	in %	in %	in %	in %	in %
High	12.86	12.92	13.09	14.35	14.41
Upper Middle	85.41	85.27	85.09	83.69	80.78
Lower Middle	0.00	0.00	0.00	0.00	0.00
Low	1.73	1.81	1.82	1.96	4.81
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	6 064	5 779	6 022	6 280	11 641
ASEAN	0	0	0	0	0
CPE	0	0	0	0	0
EU	12	12	10	20	20
EFTA	0	0	0	0	0
G8	122 654	124 212	128 543	125 644	112 515
MERCOSUR	0	0	0	0	0
NAFTA	25 654	26 812	28 401	30 789	28 275
OECD	26 512	27 624	29 011	31 409	28 895
SADC	82 467	88 740	92 325	92 427	87 214
of them:					
ACP	2.94	2.70	2.72	2.87	5.81
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	0.00	0.00	0.00	0.00	0.00
EU	0.01	0.01	0.00	0.01	0.01
EFTA	0.00	0.00	0.00	0.00	0.00
G8	59.54	58.10	58.04	57.45	56.16
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	12.45	12.54	12.82	14.08	14.11
OECD	12.87	12.92	13.10	14.36	14.42
SADC	40.03	41.51	41.69	42.26	43.53

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Platinum

Developing status:	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
Developed C.	28 000	29 000	28 612	28 301	25 502
Transition C.	11 965	11 015	11 344	11 051	11 005
Developing C.	159 391	169 932	171 417	163 923	151 858
Least Developed C.	0	0	5	9	9
<b>Total</b>	<b>199 356</b>	<b>209 947</b>	<b>211 378</b>	<b>203 284</b>	<b>188 374</b>
	in %	in %	in %	in %	in %
Developed C.	14.05	13.81	13.54	13.92	13.54
Transition C.	6.00	5.25	5.37	5.44	5.84
Developing C.	79.95	80.94	81.10	80.64	80.62
Least Developed C.	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>
annual per capita income	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
High	11 945	10 995	11 324	11 041	10 995
Upper Middle	181 764	193 036	193 607	185 274	168 195
Lower Middle	1 209	1 082	1 444	1 530	0
Low	4 438	4 834	5 003	5 439	9 184
<b>Total</b>	<b>199 356</b>	<b>209 947</b>	<b>211 378</b>	<b>203 284</b>	<b>188 374</b>
	in %	in %	in %	in %	in %
High	5.99	5.24	5.36	5.43	5.84
Upper Middle	91.18	91.95	91.59	91.14	89.29
Lower Middle	0.61	0.52	0.68	0.75	0.00
Low	2.23	2.30	2.37	2.68	4.88
<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	4 938	5 134	5 303	5 843	9 484
ASEAN	0	0	0	0	0
CPE	0	0	0	0	0
EU	725	820	820	810	810
EFTA	0	0	0	0	0
G8	39 040	38 995	39 024	38 412	35 547
MERCOSUR	0	0	0	0	0
NAFTA	11 040	9 995	10 412	10 111	10 045
OECD	11 965	11 015	11 344	11 051	11 005
SADC	158 177	168 845	169 973	162 393	150 358

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	2.48	2.45	2.51	2.87	5.03
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	0.00	0.00	0.00	0.00	0.00
EU	0.36	0.39	0.39	0.40	0.43
EFTA	0.00	0.00	0.00	0.00	0.00
G8	19.58	18.57	18.46	18.90	18.87
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	5.54	4.76	4.93	4.97	5.33
OECD	6.00	5.25	5.37	5.44	5.84
SADC	79.34	80.42	80.41	79.88	79.82

## Rhodium

Developing status:	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
Developed C.	3 300	2 800	3 110	2 799	2 644
Transition C.	484	710	742	528	492
Developing C.	16 668	20 628	21 123	22 081	18 411
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>20 452</b>	<b>24 138</b>	<b>24 975</b>	<b>25 408</b>	<b>21 547</b>
	in %	in %	in %	in %	in %
Developed C.	16.14	11.60	12.45	11.02	12.27
Transition C.	2.37	2.94	2.97	2.08	2.28
Developing C.	81.50	85.46	84.58	86.91	85.45
Least Developed C.	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>
annual per capita income	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
High	484	710	742	528	492
Upper Middle	19 594	23 024	23 823	24 445	20 495
Lower Middle	0	0	0	0	0
Low	374	404	410	435	560
<b>Total</b>	<b>20 452</b>	<b>24 138</b>	<b>24 975</b>	<b>25 408</b>	<b>21 547</b>
	in %	in %	in %	in %	in %
High	2.37	2.94	2.97	2.08	2.28
Upper Middle	95.80	95.38	95.39	96.21	95.12
Lower Middle	0.00	0.00	0.00	0.00	0.00
Low	1.83	1.67	1.64	1.71	2.60
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



of them:

ACP	374	404	410	435	560
ASEAN	0	0	0	0	0
CPE	0	0	0	0	0
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	3 784	3 510	3 852	3 327	3 136
MERCOSUR	0	0	0	0	0
NAFTA	484	710	742	528	492
OECD	484	710	742	528	492
SADC	16 668	20 628	21 123	22 081	18 411

of them:

ACP	1.83	1.67	1.64	1.71	2.60
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	0.00	0.00	0.00	0.00	0.00
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	18.50	14.54	15.42	13.09	14.55
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	2.37	2.94	2.97	2.08	2.28
OECD	2.37	2.94	2.97	2.08	2.28
SADC	81.50	85.46	84.58	86.91	85.45

## Silver

Developing status:	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
Developed C.	2 081 400	2 148 200	2 170 600	2 018 127	2 043 227
Transition C.	6 674 090	6 529 194	5 570 308	5 716 139	5 599 600
Developing C.	10 997 403	11 770 039	12 543 656	13 095 331	13 640 166
Least Developed C.	89 640	73 309	92 137	96 212	56 226
<b>Total</b>	<b>19 842 533</b>	<b>20 520 742</b>	<b>20 376 701</b>	<b>20 925 809</b>	<b>21 339 219</b>
	in %	in %	in %	in %	in %
Developed C.	10.49	10.47	10.65	9.64	9.57
Transition C.	33.64	31.82	27.34	27.32	26.24
Developing C.	55.42	57.36	61.56	62.58	63.92
Least Developed C.	0.45	0.36	0.45	0.46	0.26
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
High	5 320 668	5 283 191	4 319 908	4 458 167	4 346 800
Upper Middle	6 752 834	7 166 329	8 506 044	8 812 390	12 115 961
Lower Middle	7 428 225	7 774 513	7 240 212	7 400 733	4 708 332
Low	340 806	296 709	310 537	254 519	168 126
<b>Total</b>	<b>19 842 533</b>	<b>20 520 742</b>	<b>20 376 701</b>	<b>20 925 809</b>	<b>21 339 219</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	26.81	25.75	21.20	21.30	20.37
Upper Middle	34.03	34.92	41.74	42.11	56.78
Lower Middle	37.44	37.89	35.53	35.37	22.06
Low	1.72	1.45	1.52	1.22	0.79
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	108 025	109 904	105 237	72 226	77 526
ASEAN	275 419	360 554	305 463	304 521	244 300
CPE	2 520 400	2 569 900	2 670 400	2 627 500	2 870 000
EU	1 775 753	1 665 493	1 669 124	1 712 171	1 701 400
EFTA	0	0	0	0	0
G8	3 722 089	3 503 798	3 246 063	3 322 500	3 240 800
MERCOSUR	178 587	273 766	255 124	274 567	274 000
NAFTA	5 153 100	5 243 800	5 162 900	5 257 800	5 177 000
OECD	9 370 444	9 563 951	8 771 108	8 981 539	8 947 900
SADC	116 740	137 874	134 126	91 491	94 900
of them:					
ACP	0.54	0.54	0.52	0.35	0.36
ASEAN	1.39	1.76	1.50	1.46	1.14
CPE	12.70	12.52	13.11	12.56	13.45
EU	8.95	8.12	8.19	8.18	7.97
EFTA	0.00	0.00	0.00	0.00	0.00
G8	18.76	17.07	15.93	15.88	15.19
MERCOSUR	0.90	1.33	1.25	1.31	1.28
NAFTA	25.97	25.55	25.34	25.13	24.26
OECD	47.22	46.61	43.04	42.92	41.93
SADC	0.59	0.67	0.66	0.44	0.44

### 6.3.4 Industrial Minerals / Industriemineralien

#### Asbestos

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	1 247 000	1 181 000	1 165 157	1 317 600	1 247 100
Transition C.	251 500	260 900	184 000	185 000	180 000
Developing C.	970 259	793 161	882 675	916 625	790 325
Least Developed C.	0	0	0	0	0
Total	2 468 759	2 235 061	2 231 832	2 419 225	2 217 425
	in %	in %	in %	in %	in %
Developed C.	50.51	52.84	52.21	54.46	56.24
Transition C.	10.19	11.67	8.24	7.65	8.12
Developing C.	39.30	35.49	39.55	37.89	35.64
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	251 500	260 900	184 000	185 000	180 000
Upper Middle	900 110	875 143	1 392 161	1 571 964	1 562 100
Lower Middle	1 180 377	974 654	558 300	565 261	425 325
Low	136 772	124 364	97 371	97 000	50 000
Total	2 468 759	2 235 061	2 231 832	2 419 225	2 217 425
	in %	in %	in %	in %	in %
High	10.19	11.67	8.24	7.65	8.12
Upper Middle	36.46	39.16	62.38	64.98	70.45
Lower Middle	47.81	43.61	25.02	23.37	19.18
Low	5.54	5.56	4.36	4.01	2.25
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	130 000	122 041	96 956	97 000	50 000
ASEAN	0	0	0	0	0
CPE	438 962	332 407	458 000	460 000	380 000
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	1 151 500	1 135 900	1 034 000	1 210 000	1 197 000
MERCOSUR	252 067	236 047	227 304	254 204	255 000
NAFTA	251 500	260 900	184 000	185 000	180 000
OECD	251 500	260 900	184 000	185 000	180 000
SADC	130 000	122 041	96 956	97 000	50 000
of them:					
ACP	5.27	5.46	4.34	4.01	2.25
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	17.78	14.87	20.52	19.01	17.14
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	46.64	50.82	46.33	50.02	53.98
MERCOSUR	10.21	10.56	10.18	10.51	11.50
NAFTA	10.19	11.67	8.24	7.65	8.12
OECD	10.19	11.67	8.24	7.65	8.12
SADC	5.27	5.46	4.34	4.01	2.25

## Baryte

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	391 387	339 510	324 911	344 837	557 654
Transition C.	882 348	853 706	866 245	683 492	855 887
Developing C.	6 435 752	6 665 287	7 629 413	6 937 228	7 333 511
Least Developed C.	6 000	6 300	6 500	6 000	10 820
Total	7 715 487	7 864 803	8 827 069	7 971 557	8 757 872

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
Developed C.	5.07	4.32	3.68	4.33	6.37
Transition C.	11.44	10.85	9.81	8.57	9.77
Developing C.	83.41	84.75	86.43	87.02	83.74
Least Developed C.	0.08	0.08	0.07	0.08	0.12
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	863 748	838 406	858 145	707 486	885 887
Upper Middle	518 147	519 997	764 986	721 081	1 003 641
Lower Middle	5 122 346	5 283 868	5 386 418	6 454 917	6 857 524
Low	1 211 246	1 222 532	1 817 520	88 073	10 820
Total	7 715 487	7 864 803	8 827 069	7 971 557	8 757 872
	in %	in %	in %	in %	in %
High	11.19	10.66	9.72	8.88	10.12
Upper Middle	6.72	6.61	8.67	9.05	11.46
Lower Middle	66.39	67.18	61.02	80.97	78.30
Low	15.70	15.54	20.59	1.10	0.12
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	18 486	32 500	32 011	30 000	20 000
ASEAN	212 778	4 889	5 459	8 631	13 552
CPE	3 900 000	4 100 000	4 400 000	4 400 000	4 600 000
EU	312 747	313 227	239 648	207 796	180 266
EFTA	0	0	0	0	0
G8	851 923	822 492	842 121	701 461	871 562
MERCOSUR	52 546	47 951	53 887	40 798	45 170
NAFTA	859 269	791 836	808 197	648 096	799 687
OECD	1 302 791	1 279 542	1 227 838	1 019 386	1 145 953
SADC	3 486	2 500	2 000	0	0
of them:					
ACP	0.24	0.41	0.36	0.38	0.23
ASEAN	2.76	0.06	0.06	0.11	0.15
CPE	50.55	52.13	49.85	55.20	52.52
EU	4.05	3.98	2.71	2.61	2.06
EFTA	0.00	0.00	0.00	0.00	0.00
G8	11.04	10.46	9.54	8.80	9.95
MERCOSUR	0.68	0.61	0.61	0.51	0.52
NAFTA	11.14	10.07	9.16	8.13	9.13
OECD	16.89	16.27	13.91	12.79	13.08
SADC	0.05	0.03	0.02	0.00	0.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Bentonite

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	980 358	948 902	929 798	593 117	538 169
Transition C.	7 958 942	7 739 005	8 159 986	8 524 451	8 339 634
Developing C.	4 749 040	5 042 987	5 739 965	6 234 280	6 257 554
Least Developed C.	0	0	0	0	800
<b>Total</b>	<b>13 688 340</b>	<b>13 730 894</b>	<b>14 829 749</b>	<b>15 351 848</b>	<b>15 136 157</b>
	in %	in %	in %	in %	in %
Developed C.	7.16	6.91	6.27	3.86	3.56
Transition C.	58.14	56.36	55.02	55.53	55.10
Developing C.	34.69	36.73	38.71	40.61	41.34
Least Developed C.	0.00	0.00	0.00	0.00	0.01
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	7 661 424	7 511 082	8 110 488	8 564 877	8 394 282
Upper Middle	2 721 101	2 574 745	2 516 747	2 415 185	2 158 695
Lower Middle	2 883 315	3 038 596	3 571 626	4 338 278	4 582 380
Low	422 500	606 471	630 888	33 508	800
<b>Total</b>	<b>13 688 340</b>	<b>13 730 894</b>	<b>14 829 749</b>	<b>15 351 848</b>	<b>15 136 157</b>
	in %	in %	in %	in %	in %
High	55.97	54.70	54.69	55.79	55.46
Upper Middle	19.88	18.75	16.97	15.73	14.26
Lower Middle	21.06	22.13	24.08	28.26	30.27
Low	3.09	4.42	4.25	0.22	0.01
<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	0	0	0	0
ASEAN	15 706	48 908	17 700	13 798	12 637
CPE	2 250 000	2 300 000	3 200 000	3 200 000	3 300 000
EU	2 618 872	2 652 253	2 666 358	3 166 107	2 958 481
EFTA	0	0	0	0	0
G8	6 815 030	6 505 776	7 058 652	6 729 444	6 774 336
MERCOSUR	338 150	463 785	492 161	489 536	496 697
NAFTA	5 184 015	4 855 630	5 375 273	5 433 895	5 244 933
OECD	9 118 766	8 660 041	9 105 646	9 773 447	9 298 983
SADC	55 859	139 833	32 878	45 778	44 067

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.11	0.36	0.12	0.09	0.08
CPE	16.44	16.75	21.58	20.84	21.80
EU	19.13	19.32	17.98	20.62	19.55
EFTA	0.00	0.00	0.00	0.00	0.00
G8	49.79	47.38	47.60	43.83	44.76
MERCOSUR	2.47	3.38	3.32	3.19	3.28
NAFTA	37.87	35.36	36.25	35.40	34.65
OECD	66.62	63.07	61.40	63.66	61.44
SADC	0.41	1.02	0.22	0.30	0.29

## Boron

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	30 000	30 000	29 000	30 000	30 000
Transition C.	1 210 000	1 230 000	1 150 000	1 150 000	1 150 000
Developing C.	2 101 812	1 897 867	1 870 589	2 090 241	2 275 704
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>3 341 812</b>	<b>3 157 867</b>	<b>3 049 589</b>	<b>3 270 241</b>	<b>3 455 704</b>
	in %	in %	in %	in %	in %
Developed C.	0.90	0.95	0.95	0.92	0.87
Transition C.	36.21	38.95	37.71	35.17	33.28
Developing C.	62.89	60.10	61.34	63.92	65.85
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	1 210 000	1 230 000	1 150 000	1 150 000	1 150 000
Upper Middle	1 888 420	1 665 313	1 692 477	1 885 107	2 074 554
Lower Middle	243 392	262 554	207 112	235 134	231 150
Low	0	0	0	0	0
<b>Total</b>	<b>3 341 812</b>	<b>3 157 867</b>	<b>3 049 589</b>	<b>3 270 241</b>	<b>3 455 704</b>
	in %	in %	in %	in %	in %
High	36.21	38.95	37.71	35.17	33.28
Upper Middle	56.51	52.74	55.50	57.64	60.03
Lower Middle	7.28	8.31	6.79	7.19	6.69
Low	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>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
CPE	135 000	160 000	145 000	145 000	140 000
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	1 210 000	1 230 000	1 150 000	1 150 000	1 150 000
MERCOSUR	821 031	632 792	553 535	669 578	785 555
NAFTA	1 210 000	1 230 000	1 150 000	1 150 000	1 150 000
OECD	1 683 198	1 801 838	1 800 297	1 807 600	1 810 000
SADC	0	0	0	0	0

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	4.04	5.07	4.75	4.43	4.05
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	36.21	38.95	37.71	35.17	33.28
MERCOSUR	24.57	20.04	18.15	20.47	22.73
NAFTA	36.21	38.95	37.71	35.17	33.28
OECD	50.37	57.06	59.03	55.27	52.38
SADC	0.00	0.00	0.00	0.00	0.00

## Diamonds (Gem)

Developing status:	2004 ct	2005 ct	2006 ct	2007 ct	2008 ct
Developed C.	21 400 000	23 000 000	23 400 000	22 974 720	22 155 090
Transition C.	20 866 000	24 571 200	27 637 703	26 407 650	22 425 699
Developing C.	25 810 415	27 539 585	34 697 248	35 298 673	31 947 681
Least Developed C.	11 689 100	13 297 100	13 727 648	15 840 500	15 222 868
<b>Total</b>	<b>79 765 515</b>	<b>88 407 885</b>	<b>99 462 599</b>	<b>100 521 543</b>	<b>91 751 338</b>
	in %	in %	in %	in %	in %
Developed C.	26.83	26.02	23.53	22.86	24.15
Transition C.	26.16	27.79	27.79	26.27	24.44
Developing C.	32.36	31.15	34.88	35.12	34.82
Least Developed C.	14.65	15.04	13.80	15.76	16.59
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 ct	2005 ct	2006 ct	2007 ct	2008 ct
High	20 866 000	24 571 200	27 637 703	26 407 650	22 425 699
Upper Middle	43 156 015	46 692 297	53 716 264	54 140 190	52 753 484
Lower Middle	7 977 504	8 637 505	9 732 906	11 387 172	8 647 971
Low	7 765 996	8 506 883	8 375 726	8 586 531	7 924 184
<b>Total</b>	<b>79 765 515</b>	<b>88 407 885</b>	<b>99 462 599</b>	<b>100 521 543</b>	<b>91 751 338</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	26.16	27.79	27.79	26.27	24.44
Upper Middle	54.10	52.81	54.01	53.86	57.50
Lower Middle	10.00	9.77	9.79	11.33	9.43
Low	9.74	9.62	8.42	8.54	8.64
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	27 916 500	28 207 803	36 087 964	39 068 203	37 511 490
ASEAN	0	0	0	0	0
CPE	212 000	212 000	213 000	200 000	241 000
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	34 018 000	35 300 000	36 677 703	39 982 370	36 957 789
MERCOSUR	99 000	68 585	70 884	65 870	53 252
NAFTA	12 618 000	12 300 000	13 277 703	17 007 650	14 802 699
OECD	20 866 000	24 571 200	27 637 703	26 407 650	22 425 699
SADC	29 527 840	32 115 333	40 042 658	42 523 743	39 009 884

of them:

ACP	35.00	31.91	36.28	38.87	40.88
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	0.27	0.24	0.21	0.20	0.26
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	42.65	39.93	36.88	39.77	40.28
MERCOSUR	0.12	0.08	0.07	0.07	0.06
NAFTA	15.82	13.91	13.35	16.92	16.13
OECD	26.16	27.79	27.79	26.27	24.44
SADC	37.02	36.33	40.26	42.30	42.52

## Diamonds (Ind)

Developing status:	2004 ct	2005 ct	2006 ct	2007 ct	2008 ct
Developed C.	14 200 000	15 000 000	15 000 000	15 316 480	14 770 060
Transition C.	12 372 000	18 406 800	14 947 000	9 800 000	7 920 000
Developing C.	15 561 919	18 943 960	21 964 112	19 900 764	19 566 276
Least Developed C.	21 035 006	24 955 673	24 241 425	24 123 149	18 769 499
Total	63 168 925	77 306 433	76 152 537	69 140 393	61 025 835
	in %	in %	in %	in %	in %
Developed C.	22.48	19.40	19.70	22.15	24.20
Transition C.	19.59	23.81	19.63	14.17	12.98
Developing C.	24.64	24.51	28.84	28.78	32.06
Least Developed C.	33.30	32.28	31.83	34.89	30.76
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



annual per capita income	2004 ct	2005 ct	2006 ct	2007 ct	2008 ct
High	12 372 000	18 406 800	14 947 000	9 800 000	7 920 000
Upper Middle	28 084 021	31 938 446	34 554 271	33 194 720	32 626 260
Lower Middle	1 854 237	1 878 536	1 873 923	2 030 681	1 924 928
Low	20 858 667	25 082 651	24 777 343	24 114 992	18 554 647
Total	63 168 925	77 306 433	76 152 537	69 140 393	61 025 835
	in %	in %	in %	in %	in %
High	19.59	23.81	19.63	14.17	12.98
Upper Middle	44.46	41.31	45.38	48.01	53.46
Lower Middle	2.94	2.43	2.46	2.94	3.15
Low	33.02	32.45	32.54	34.88	30.40
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	9 123 902	9 374 013	12 855 094	11 143 676	12 835 435
ASEAN	0	0	0	0	0
CPE	848 000	848 000	852 000	800 000	856 000
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	14 200 000	15 000 000	15 000 000	15 316 480	14 770 060
MERCOSUR	198 000	137 172	136 250	128 840	106 129
NAFTA	0	0	0	0	0
OECD	12 372 000	18 406 800	14 947 000	9 800 000	7 920 000
SADC	14 701 355	17 954 468	21 146 517	19 403 470	19 270 153
of them:					
ACP	14.44	12.13	16.88	16.12	21.03
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	1.34	1.10	1.12	1.16	1.40
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	22.48	19.40	19.70	22.15	24.20
MERCOSUR	0.31	0.18	0.18	0.19	0.17
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	19.59	23.81	19.63	14.17	12.98
SADC	23.27	23.23	27.77	28.06	31.58

## Diatomite

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	14 392	1 592	1 899	150	130
Transition C.	794 081	826 491	996 523	846 015	935 858
Developing C.	548 214	548 620	592 666	626 054	675 982
Least Developed C.	720	420	430	430	430
Total	1 357 407	1 377 123	1 591 518	1 472 649	1 612 400

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
Developed C.	1.06	0.12	0.12	0.01	0.01
Transition C.	58.50	60.02	62.61	57.45	58.04
Developing C.	40.39	39.84	37.24	42.51	41.92
Least Developed C.	0.05	0.03	0.03	0.03	0.03
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	762 592	789 774	999 183	848 360	937 808
Upper Middle	168 231	159 307	148 896	177 243	220 285
Lower Middle	425 534	427 379	442 824	446 415	453 805
Low	1 050	663	615	631	502
Total	1 357 407	1 377 123	1 591 518	1 472 649	1 612 400
	in %	in %	in %	in %	in %
High	56.18	57.35	62.78	57.61	58.16
Upper Middle	12.39	11.57	9.36	12.04	13.66
Lower Middle	31.35	31.03	27.82	30.31	28.14
Low	0.08	0.05	0.04	0.04	0.03
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	1 050	663	615	631	502
ASEAN	1 372	990	1 344	1 260	4 075
CPE	390 000	400 000	420 000	420 000	440 000
EU	142 849	158 355	181 023	139 015	152 242
EFTA	19 332	3 236	0	0	0
G8	696 900	729 700	875 500	762 000	838 616
MERCOSUR	32 197	37 044	49 243	59 204	42 996
NAFTA	681 718	716 832	863 400	769 519	892 152
OECD	856 340	890 816	1 062 883	930 879	1 066 344
SADC	160	150	130	100	0
of them:					
ACP	0.08	0.05	0.04	0.04	0.03
ASEAN	0.10	0.07	0.08	0.09	0.25
CPE	28.73	29.05	26.39	28.52	27.29
EU	10.52	11.50	11.37	9.44	9.44
EFTA	1.42	0.23	0.00	0.00	0.00
G8	51.34	52.99	55.01	51.74	52.01
MERCOSUR	2.37	2.69	3.09	4.02	2.67
NAFTA	50.22	52.05	54.25	52.25	55.33
OECD	63.09	64.69	66.78	63.21	66.13
SADC	0.01	0.01	0.01	0.01	0.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Feldspar

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	167 857	184 303	171 724	197 114	196 720
Transition C.	9 600 787	10 964 519	11 243 717	12 185 301	12 075 518
Developing C.	7 398 708	8 440 256	9 389 710	10 084 071	10 207 894
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>17 167 352</b>	<b>19 589 078</b>	<b>20 805 151</b>	<b>22 466 486</b>	<b>22 480 132</b>
	in %	in %	in %	in %	in %
Developed C.	0.98	0.94	0.83	0.88	0.88
Transition C.	55.92	55.97	54.04	54.24	53.72
Developing C.	43.10	43.09	45.13	44.88	45.41
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	9 323 116	10 616 549	11 255 945	12 195 417	12 245 780
Upper Middle	3 730 105	4 294 214	5 116 225	5 955 909	6 067 115
Lower Middle	3 699 103	4 222 485	4 032 832	4 284 740	4 162 937
Low	415 028	455 830	400 149	30 420	4 300
<b>Total</b>	<b>17 167 352</b>	<b>19 589 078</b>	<b>20 805 151</b>	<b>22 466 486</b>	<b>22 480 132</b>
	in %	in %	in %	in %	in %
High	54.31	54.20	54.10	54.28	54.47
Upper Middle	21.73	21.92	24.59	26.51	26.99
Lower Middle	21.55	21.56	19.38	19.07	18.52
Low	2.42	2.33	1.92	0.14	0.02
<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	1 300	0	0	0	0
ASEAN	1 115 497	1 286 982	1 238 149	1 083 089	1 141 953
CPE	1 810 500	1 908 000	1 955 500	2 305 600	2 404 300
EU	7 814 787	9 165 519	9 580 717	10 590 301	10 565 008
EFTA	100 000	210 000	65 000	65 000	62 000
G8	7 882 180	8 933 817	9 286 718	10 329 829	10 508 940
MERCOSUR	242 720	349 876	445 198	659 612	612 734
NAFTA	1 134 166	1 133 411	1 222 200	1 168 700	1 094 029
OECD	12 490 077	14 178 545	15 530 245	16 777 617	16 642 299
SADC	51 300	57 534	76 722	90 312	105 815

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0.01	0.00	0.00	0.00	0.00
ASEAN	6.50	6.57	5.95	4.82	5.08
CPE	10.55	9.74	9.40	10.26	10.70
EU	45.52	46.79	46.05	47.14	47.00
EFTA	0.58	1.07	0.31	0.29	0.28
G8	45.91	45.61	44.64	45.98	46.75
MERCOSUR	1.41	1.79	2.14	2.94	2.73
NAFTA	6.61	5.79	5.87	5.20	4.87
OECD	72.75	72.38	74.65	74.68	74.03
SADC	0.30	0.29	0.37	0.40	0.47

## Fluorspar

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	256 000	255 000	279 000	260 000	349 000
Transition C.	352 892	360 907	342 530	301 605	289 070
Developing C.	4 554 083	4 635 002	4 806 652	5 213 869	5 434 571
Least Developed C.	1 700	2 000	2 200	1 500	1 000
Total	5 164 675	5 252 909	5 430 382	5 776 974	6 073 641
	in %	in %	in %	in %	in %
Developed C.	4.96	4.85	5.14	4.50	5.75
Transition C.	6.83	6.87	6.31	5.22	4.76
Developing C.	88.18	88.24	88.51	90.25	89.48
Least Developed C.	0.03	0.04	0.04	0.03	0.02
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	352 892	360 907	342 530	301 605	289 070
Upper Middle	1 253 978	1 283 212	1 446 478	1 472 035	1 822 047
Lower Middle	3 028 585	3 065 969	3 055 109	3 824 219	3 738 924
Low	529 220	542 821	586 265	179 115	223 600
Total	5 164 675	5 252 909	5 430 382	5 776 974	6 073 641
	in %	in %	in %	in %	in %
High	6.83	6.87	6.31	5.22	4.76
Upper Middle	24.28	24.43	26.64	25.48	30.00
Lower Middle	58.64	58.37	56.26	66.20	61.56
Low	10.25	10.33	10.80	3.10	3.68
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	222 753	224 480	264 279	203 881	248 100
ASEAN	2 375	2 950	3 240	1 820	29 529
CPE	3 008 500	3 039 600	3 110 200	3 567 400	3 597 500
EU	352 892	360 907	342 530	301 605	289 070
EFTA	0	0	0	0	0
G8	376 198	386 781	388 685	344 295	409 320
MERCOSUR	58 432	73 474	72 278	75 735	80 798
NAFTA	842 698	875 450	936 400	933 400	1 057 649
OECD	1 196 470	1 237 157	1 279 730	1 235 905	1 347 519
SADC	339 767	344 886	378 249	400 766	413 000

of them:

ACP	4.31	4.27	4.87	3.53	4.08
ASEAN	0.05	0.06	0.06	0.03	0.49
CPE	58.25	57.87	57.27	61.75	59.23
EU	6.83	6.87	6.31	5.22	4.76
EFTA	0.00	0.00	0.00	0.00	0.00
G8	7.28	7.36	7.16	5.96	6.74
MERCOSUR	1.13	1.40	1.33	1.31	1.33
NAFTA	16.32	16.67	17.24	16.16	17.41
OECD	23.17	23.55	23.57	21.39	22.19
SADC	6.58	6.57	6.97	6.94	6.80

## Graphite

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	21 445	22 486	21 850	22 000	22 000
Transition C.	29 155	29 638	29 000	20 900	27 100
Developing C.	518 636	615 943	706 001	1 049 856	1 070 159
Least Developed C.	7 920	6 540	4 857	5 000	5 000
<b>Total</b>	<b>577 156</b>	<b>674 607</b>	<b>761 708</b>	<b>1 097 756</b>	<b>1 124 259</b>
	in %	in %	in %	in %	in %
Developed C.	3.72	3.33	2.87	2.00	1.96
Transition C.	5.05	4.39	3.81	1.90	2.41
Developing C.	89.86	91.30	92.69	95.64	95.19
Least Developed C.	1.37	0.97	0.64	0.46	0.44
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	24 402	26 677	29 068	20 952	27 173
Upper Middle	34 614	30 693	103 350	102 100	103 229
Lower Middle	366 713	448 648	463 256	933 104	952 257
Low	151 427	168 589	166 034	41 600	41 600
<b>Total</b>	<b>577 156</b>	<b>674 607</b>	<b>761 708</b>	<b>1 097 756</b>	<b>1 124 259</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	4.23	3.95	3.82	1.91	2.42
Upper Middle	6.00	4.55	13.57	9.30	9.18
Lower Middle	63.54	66.51	60.82	85.00	84.70
Low	26.24	24.99	21.80	3.79	3.70
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	18 187	10 838	11 445	11 600	11 600
ASEAN	0	0	0	0	0
CPE	325 090	392 100	480 200	830 000	830 000
EU	8 155	5 638	5 000	3 000	3 000
EFTA	6 000	7 000	9 000	2 900	4 100
G8	31 705	33 638	29 000	29 000	34 000
MERCOSUR	53 839	75 515	76 000	77 000	80 500
NAFTA	29 769	29 357	26 800	24 900	27 229
OECD	45 071	42 884	42 068	32 052	35 902
SADC	10 417	4 438	6 588	6 600	6 600
of them:					
ACP	3.15	1.61	1.50	1.06	1.03
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	56.33	58.12	63.04	75.61	73.83
EU	1.41	0.84	0.66	0.27	0.27
EFTA	1.04	1.04	1.18	0.26	0.36
G8	5.49	4.99	3.81	2.64	3.02
MERCOSUR	9.33	11.19	9.98	7.01	7.16
NAFTA	5.16	4.35	3.52	2.27	2.42
OECD	7.81	6.36	5.52	2.92	3.19
SADC	1.80	0.66	0.86	0.60	0.59

## Guano

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	0	0	0	0	0
Transition C.	0	0	0	0	0
Developing C.	690	770	760	809	854
Least Developed C.	0	0	0	0	0
Total	690	770	760	809	854
	in %	in %	in %	in %	in %
Developed C.	0.00	0.00	0.00	0.00	0.00
Transition C.	0.00	0.00	0.00	0.00	0.00
Developing C.	100.00	100.00	100.00	100.00	100.00
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	0	0	0	0	0
Upper Middle	640	630	610	600	600
Lower Middle	50	140	150	209	254
Low	0	0	0	0	0
Total	690	770	760	809	854
	in %	in %	in %	in %	in %
High	0.00	0.00	0.00	0.00	0.00
Upper Middle	92.75	81.82	80.26	74.17	70.26
Lower Middle	7.25	18.18	19.74	25.83	29.74
Low	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	640	630	610	600	600
ASEAN	50	140	150	209	254
CPE	0	0	0	0	0
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	0	0	0	0	0
MERCOSUR	0	0	0	0	0
NAFTA	0	0	0	0	0
OECD	0	0	0	0	0
SADC	0	0	0	0	0
of them:					
ACP	92.75	81.82	80.26	74.17	70.26
ASEAN	7.25	18.18	19.74	25.83	29.74
CPE	0.00	0.00	0.00	0.00	0.00
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	0.00	0.00	0.00	0.00	0.00
MERCOSUR	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

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	3 318 126	3 658 440	4 054 874	4 555 093	4 872 012
Transition C.	56 550 875	60 433 492	65 995 049	60 947 985	53 312 251
Developing C.	78 236 044	75 572 879	84 042 446	84 485 923	85 438 559
Least Developed C.	830 611	1 459 988	1 529 771	1 541 385	1 649 483
Total	138 935 656	141 124 799	155 622 140	151 530 386	145 272 305

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
Developed C.	2.39	2.59	2.61	3.01	3.35
Transition C.	40.70	42.82	42.41	40.22	36.70
Developing C.	56.31	53.55	54.00	55.76	58.81
Least Developed C.	0.60	1.03	0.98	1.02	1.14
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	57 555 835	61 511 992	67 280 849	61 262 685	54 354 544
Upper Middle	11 415 096	12 261 765	15 317 837	16 224 418	18 188 189
Lower Middle	64 307 718	61 906 245	67 951 301	72 018 005	71 312 434
Low	5 657 007	5 444 797	5 072 153	2 025 278	1 417 138
Total	138 935 656	141 124 799	155 622 140	151 530 386	145 272 305
	in %	in %	in %	in %	in %
High	41.43	43.59	43.23	40.43	37.42
Upper Middle	8.22	8.69	9.84	10.71	12.52
Lower Middle	46.29	43.87	43.66	47.53	49.09
Low	4.07	3.86	3.26	1.34	0.98
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	845 202	786 604	731 148	573 436	585 388
ASEAN	8 156 865	7 659 978	8 921 240	9 342 268	8 995 082
CPE	29 556 000	32 030 000	35 031 000	35 031 000	35 031 000
EU	25 834 045	26 699 694	30 695 295	30 827 011	29 328 351
EFTA	300 000	300 000	300 000	300 000	300 000
G8	36 996 800	41 227 000	44 220 000	39 236 000	31 659 380
MERCOSUR	2 630 385	2 637 461	2 961 912	3 161 149	2 968 810
NAFTA	31 379 099	34 914 800	36 839 000	31 501 700	26 208 000
OECD	61 098 903	65 184 494	71 590 295	66 284 411	58 945 203
SADC	469 271	562 581	568 000	658 630	586 343
of them:					
ACP	0.61	0.56	0.47	0.38	0.40
ASEAN	5.87	5.43	5.73	6.17	6.19
CPE	21.27	22.70	22.51	23.12	24.11
EU	18.59	18.92	19.72	20.34	20.19
EFTA	0.22	0.21	0.19	0.20	0.21
G8	26.63	29.21	28.41	25.89	21.79
MERCOSUR	1.89	1.87	1.90	2.09	2.04
NAFTA	22.59	24.74	23.67	20.79	18.04
OECD	43.98	46.19	46.00	43.74	40.58
SADC	0.34	0.40	0.36	0.43	0.40

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## Kaolin

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	280 867	321 334	434 260	65 767	211 000
Transition C.	16 014 395	16 020 931	15 356 467	15 255 648	14 322 632
Developing C.	9 989 075	10 704 786	10 559 016	10 642 275	11 908 433
Least Developed C.	15 533	13 600	12 338	11 727	11 937
<b>Total</b>	<b>26 299 870</b>	<b>27 060 651</b>	<b>26 362 081</b>	<b>25 975 417</b>	<b>26 454 002</b>
	in %	in %	in %	in %	in %
Developed C.	1.07	1.19	1.65	0.25	0.80
Transition C.	60.89	59.20	58.25	58.73	54.14
Developing C.	37.98	39.56	40.05	40.97	45.02
Least Developed C.	0.06	0.05	0.05	0.05	0.05
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	15 723 043	15 845 790	16 006 740	15 743 873	14 961 644
Upper Middle	2 425 675	2 665 198	4 295 786	4 593 654	4 480 909
Lower Middle	6 745 080	7 065 551	4 536 776	4 994 184	6 498 512
Low	1 406 072	1 484 112	1 522 779	643 706	512 937
<b>Total</b>	<b>26 299 870</b>	<b>27 060 651</b>	<b>26 362 081</b>	<b>25 975 417</b>	<b>26 454 002</b>
	in %	in %	in %	in %	in %
High	59.78	58.56	60.72	60.61	56.56
Upper Middle	9.22	9.85	16.30	17.68	16.94
Lower Middle	25.65	26.11	17.21	19.23	24.57
Low	5.35	5.48	5.78	2.48	1.94
<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	99 868	97 462	100 973	64 110	64 320
ASEAN	544 599	678 783	516 361	763 886	598 763
CPE	3 245 800	3 483 500	3 601 700	3 322 700	4 350 000
EU	7 942 079	7 963 070	7 678 799	7 906 913	7 366 216
EFTA	0	0	0	0	0
G8	13 805 804	13 854 360	13 355 701	12 936 193	12 074 365
MERCOSUR	2 379 339	2 601 705	2 664 619	2 675 454	2 819 539
NAFTA	7 776 241	7 832 600	7 488 900	7 196 800	6 832 000
OECD	17 503 211	17 743 738	16 934 203	16 564 851	15 556 245
SADC	83 897	61 443	53 417	53 033	41 306

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0.38	0.36	0.38	0.25	0.24
ASEAN	2.07	2.51	1.96	2.94	2.26
CPE	12.34	12.87	13.66	12.79	16.44
EU	30.20	29.43	29.13	30.44	27.85
EFTA	0.00	0.00	0.00	0.00	0.00
G8	52.49	51.20	50.66	49.80	45.64
MERCOSUR	9.05	9.61	10.11	10.30	10.66
NAFTA	29.57	28.94	28.41	27.71	25.83
OECD	66.55	65.57	64.24	63.77	58.80
SADC	0.32	0.23	0.20	0.20	0.16

## Magnesite

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	2 602 000	2 601 900	2 651 000	2 601 000	2 621 000
Transition C.	3 468 387	4 078 624	3 996 940	3 922 883	3 614 522
Developing C.	11 815 029	10 726 095	10 588 992	11 937 661	14 171 884
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>17 885 416</b>	<b>17 406 619</b>	<b>17 236 932</b>	<b>18 461 544</b>	<b>20 407 406</b>
	in %	in %	in %	in %	in %
Developed C.	14.55	14.95	15.38	14.09	12.84
Transition C.	19.39	23.43	23.19	21.25	17.71
Developing C.	66.06	61.62	61.43	64.66	69.44
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	2 444 587	2 468 324	2 333 940	3 859 883	3 554 522
Upper Middle	7 492 652	6 697 306	6 839 033	5 237 000	5 265 547
Lower Middle	6 957 401	7 096 422	6 818 408	8 362 646	10 386 397
Low	990 776	1 144 567	1 245 551	1 002 015	1 200 940
<b>Total</b>	<b>17 885 416</b>	<b>17 406 619</b>	<b>17 236 932</b>	<b>18 461 544</b>	<b>20 407 406</b>
	in %	in %	in %	in %	in %
High	13.67	14.18	13.54	20.91	17.42
Upper Middle	41.89	38.48	39.68	28.37	25.80
Lower Middle	38.90	40.77	39.56	45.30	50.90
Low	5.54	6.58	7.23	5.43	5.88
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	749	864	939	940	940
ASEAN	3 201	2 413	3 630	3 600	3 976
CPE	7 100 000	7 400 000	7 700 000	9 000 000	11 200 000
EU	2 741 994	3 368 624	3 421 940	3 295 883	3 308 522
EFTA	0	0	0	0	0
G8	2 740 000	2 720 000	2 700 000	2 780 000	2 780 000
MERCOSUR	350 000	386 759	383 000	399 000	387 000
NAFTA	140 000	120 000	100 000	180 000	180 000
OECD	7 201 339	6 450 830	6 084 973	6 022 883	5 757 569
SADC	66 649	55 664	55 939	55 940	55 940

of them:

ACP	0.00	0.00	0.01	0.01	0.00
ASEAN	0.02	0.01	0.02	0.02	0.02
CPE	39.70	42.51	44.67	48.75	54.88
EU	15.33	19.35	19.85	17.85	16.21
EFTA	0.00	0.00	0.00	0.00	0.00
G8	15.32	15.63	15.66	15.06	13.62
MERCOSUR	1.96	2.22	2.22	2.16	1.90
NAFTA	0.78	0.69	0.58	0.97	0.88
OECD	40.26	37.06	35.30	32.62	28.21
SADC	0.37	0.32	0.32	0.30	0.27

## Perlite

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	150 996	104 963	102 000	80 000	80 000
Transition C.	1 840 088	1 910 839	1 822 281	1 645 246	1 685 835
Developing C.	376 091	305 640	286 265	285 158	275 025
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>2 367 175</b>	<b>2 321 442</b>	<b>2 210 546</b>	<b>2 010 404</b>	<b>2 040 860</b>
	in %	in %	in %	in %	in %
Developed C.	6.38	4.52	4.61	3.98	3.92
Transition C.	77.73	82.31	82.44	81.84	82.60
Developing C.	15.89	13.17	12.95	14.18	13.48
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	1 824 088	1 832 439	1 740 702	1 645 246	1 685 835
Upper Middle	479 396	404 580	385 844	295 643	275 125
Lower Middle	63 691	84 423	84 000	69 515	79 900
Low	0	0	0	0	0
<b>Total</b>	<b>2 367 175</b>	<b>2 321 442</b>	<b>2 210 546</b>	<b>2 010 404</b>	<b>2 040 860</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	77.06	78.94	78.75	81.84	82.60
Upper Middle	20.25	17.43	17.45	14.71	13.48
Lower Middle	2.69	3.64	3.80	3.46	3.92
Low	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0	0	0	0	0
ASEAN	7 200	4 409	4 000	4 515	4 593
CPE	0	0	0	0	0
EU	1 134 388	1 153 529	1 120 729	981 373	1 008 657
EFTA	0	0	0	0	0
G8	819 000	803 000	746 000	694 000	709 178
MERCOSUR	20 000	21 991	25 146	35 838	26 545
NAFTA	696 027	599 724	535 719	463 405	477 358
OECD	2 226 944	2 159 498	2 049 000	1 859 651	1 889 015
SADC	540	530	400	400	400
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.30	0.19	0.18	0.22	0.23
CPE	0.00	0.00	0.00	0.00	0.00
EU	47.92	49.69	50.70	48.81	49.42
EFTA	0.00	0.00	0.00	0.00	0.00
G8	34.60	34.59	33.75	34.52	34.75
MERCOSUR	0.84	0.95	1.14	1.78	1.30
NAFTA	29.40	25.83	24.23	23.05	23.39
OECD	94.08	93.02	92.69	92.50	92.56
SADC	0.02	0.02	0.02	0.02	0.02

## Phosphate

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	4 486 700	4 552 000	4 488 000	4 572 500	4 654 400
Transition C.	12 214 587	12 078 406	10 463 729	10 300 780	10 439 220
Developing C.	29 656 247	30 379 200	30 119 694	32 463 752	34 660 754
Least Developed C.	487 450	473 118	499 660	397 150	395 900
Total	46 844 984	47 482 724	45 571 083	47 734 182	50 150 274
	in %	in %	in %	in %	in %
Developed C.	9.58	9.59	9.85	9.58	9.28
Transition C.	26.07	25.44	22.96	21.58	20.82
Developing C.	63.31	63.98	66.09	68.01	69.11
Least Developed C.	1.04	1.00	1.10	0.83	0.79
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	12 214 587	12 078 406	10 463 729	10 300 780	10 439 220
Upper Middle	5 508 421	5 556 185	7 586 271	7 745 954	8 535 200
Lower Middle	27 881 186	28 596 640	26 155 135	28 692 930	29 983 204
Low	1 240 790	1 251 493	1 365 948	994 518	1 192 650
Total	46 844 984	47 482 724	45 571 083	47 734 182	50 150 274
	in %	in %	in %	in %	in %
High	26.07	25.44	22.96	21.58	20.82
Upper Middle	11.76	11.70	16.65	16.23	17.02
Lower Middle	59.52	60.23	57.39	60.11	59.79
Low	2.65	2.64	3.00	2.08	2.38
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	514 450	487 743	520 728	413 590	402 980
ASEAN	5 160	5 398	4 663	5 711	6 146
CPE	11 106 500	11 262 260	12 164 720	14 146 730	15 951 850
EU	268 000	263 356	274 535	265 920	280 800
EFTA	0	0	0	0	0
G8	14 820 000	14 800 000	13 113 000	12 975 000	13 089 000
MERCOSUR	2 122 291	1 920 171	2 134 812	2 221 085	2 233 000
NAFTA	10 400 120	10 300 120	8 680 000	8 492 510	8 789 000
OECD	11 131 707	11 008 526	9 433 729	9 248 100	9 565 220
SADC	1 027 275	957 330	981 513	951 779	809 958
of them:					
ACP	1.10	1.03	1.14	0.87	0.80
ASEAN	0.01	0.01	0.01	0.01	0.01
CPE	23.71	23.72	26.69	29.64	31.81
EU	0.57	0.55	0.60	0.56	0.56
EFTA	0.00	0.00	0.00	0.00	0.00
G8	31.64	31.17	28.77	27.18	26.10
MERCOSUR	4.53	4.04	4.68	4.65	4.45
NAFTA	22.20	21.69	19.05	17.79	17.53
OECD	23.76	23.18	20.70	19.37	19.07
SADC	2.19	2.02	2.15	1.99	1.62

## Potash

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	10 259 100	11 179 600	9 944 100	11 409 700	10 967 400
Transition C.	19 011 089	18 760 092	16 214 189	18 680 700	17 881 116
Developing C.	3 431 149	3 686 172	3 642 349	4 780 861	5 121 629
Least Developed C.	0	0	0	0	0
Total	32 701 338	33 625 864	29 800 638	34 871 261	33 970 145

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
Developed C.	31.37	33.25	33.37	32.72	32.29
Transition C.	58.14	55.79	54.41	53.57	52.64
Developing C.	10.49	10.96	12.22	13.71	15.08
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	19 011 089	18 760 092	16 214 189	18 680 700	17 881 116
Upper Middle	6 341 809	7 009 414	6 324 549	12 506 392	12 039 395
Lower Middle	7 348 440	7 856 358	7 261 900	3 684 169	4 049 634
Low	0	0	0	0	0
Total	32 701 338	33 625 864	29 800 638	34 871 261	33 970 145
	in %	in %	in %	in %	in %
High	58.14	55.79	54.41	53.57	52.64
Upper Middle	19.39	20.85	21.22	35.86	35.44
Lower Middle	22.47	23.36	24.37	10.57	11.92
Low	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
CPE	1 128 000	1 450 000	1 571 900	1 822 600	1 980 000
EU	4 667 710	4 721 200	4 545 189	4 597 700	4 156 800
EFTA	0	0	0	0	0
G8	21 805 600	22 143 800	18 795 100	22 373 100	21 174 200
MERCOSUR	403 080	404 871	403 000	471 000	383 000
NAFTA	12 092 000	11 697 000	9 469 000	11 933 000	11 555 000
OECD	16 759 710	16 418 200	14 014 189	16 530 700	15 711 800
SADC	0	0	0	0	0
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	3.45	4.31	5.27	5.23	5.83
EU	14.27	14.04	15.25	13.18	12.24
EFTA	0.00	0.00	0.00	0.00	0.00
G8	66.68	65.85	63.07	64.16	62.33
MERCOSUR	1.23	1.20	1.35	1.35	1.13
NAFTA	36.98	34.79	31.77	34.22	34.02
OECD	51.25	48.83	47.03	47.40	46.25
SADC	0.00	0.00	0.00	0.00	0.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Salt

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	13 596 383	14 070 898	15 679 578	10 756 232	9 554 347
Transition C.	122 845 801	123 334 374	124 723 816	120 478 674	121 092 671
Developing C.	91 562 829	100 527 440	114 601 625	119 936 281	115 822 743
Least Developed C.	1 032 416	1 066 191	969 372	1 052 545	1 155 271
<b>Total</b>	<b>229 037 429</b>	<b>238 998 903</b>	<b>255 974 391</b>	<b>252 223 732</b>	<b>247 625 032</b>
	in %	in %	in %	in %	in %
Developed C.	5.94	5.89	6.13	4.26	3.86
Transition C.	53.64	51.60	48.73	47.77	48.90
Developing C.	39.98	42.06	44.77	47.55	46.77
Least Developed C.	0.45	0.45	0.38	0.42	0.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	121 594 551	122 035 603	123 280 778	116 024 070	116 436 522
Upper Middle	27 484 881	29 667 261	36 648 233	37 892 695	38 043 586
Lower Middle	61 109 692	62 962 457	73 162 078	93 773 243	90 321 602
Low	18 848 305	24 333 582	22 883 302	4 533 724	2 823 322
<b>Total</b>	<b>229 037 429</b>	<b>238 998 903</b>	<b>255 974 391</b>	<b>252 223 732</b>	<b>247 625 032</b>
	in %	in %	in %	in %	in %
High	53.09	51.06	48.16	46.00	47.02
Upper Middle	12.00	12.41	14.32	15.02	15.36
Lower Middle	26.68	26.34	28.58	37.18	36.48
Low	8.23	10.18	8.94	1.80	1.14
<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	3 075 041	2 943 177	2 698 556	2 365 726	2 461 845
ASEAN	2 211 200	2 175 164	2 238 251	2 372 620	2 521 640
CPE	38 915 750	39 350 996	55 639 154	61 322 443	61 127 403
EU	48 757 891	49 750 665	50 473 816	50 703 174	49 543 862
EFTA	490 600	543 600	529 500	345 500	305 000
G8	97 020 000	95 908 000	95 288 000	91 061 840	91 247 000
MERCOSUR	7 200 000	8 899 539	10 637 898	11 342 674	8 931 261
NAFTA	69 190 820	68 344 623	65 725 300	64 347 300	67 204 714
OECD	133 126 039	134 115 921	133 932 992	125 847 621	127 272 327
SADC	1 510 202	1 332 446	1 298 894	1 521 308	1 537 886

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	1.34	1.23	1.05	0.94	0.99
ASEAN	0.97	0.91	0.87	0.94	1.02
CPE	16.99	16.46	21.74	24.31	24.69
EU	21.29	20.82	19.72	20.10	20.01
EFTA	0.21	0.23	0.21	0.14	0.12
G8	42.36	40.13	37.23	36.10	36.85
MERCOSUR	3.14	3.72	4.16	4.50	3.61
NAFTA	30.21	28.60	25.68	25.51	27.14
OECD	58.12	56.12	52.32	49.90	51.40
SADC	0.66	0.56	0.51	0.60	0.62

## Sulfur

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	9 332 166	9 777 610	9 955 237	9 642 800	9 687 350
Transition C.	28 846 037	28 282 178	28 061 930	28 840 296	28 135 853
Developing C.	17 368 053	18 431 106	20 041 721	21 154 632	20 696 286
Least Developed C.	52 000	52 000	75 000	98 000	131 000
Total	55 598 256	56 542 894	58 133 888	59 735 728	58 650 489
	in %	in %	in %	in %	in %
Developed C.	16.78	17.29	17.12	16.14	16.52
Transition C.	51.88	50.02	48.27	48.28	47.97
Developing C.	31.24	32.60	34.48	35.41	35.29
Least Developed C.	0.09	0.09	0.13	0.16	0.22
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	31 098 764	31 359 091	31 136 195	31 628 664	31 051 869
Upper Middle	11 628 065	12 269 488	15 104 568	15 228 454	15 390 870
Lower Middle	11 671 154	11 563 116	10 109 618	12 710 900	12 032 750
Low	1 200 273	1 351 199	1 783 507	167 710	175 000
Total	55 598 256	56 542 894	58 133 888	59 735 728	58 650 489
	in %	in %	in %	in %	in %
High	55.93	55.46	53.56	52.95	52.94
Upper Middle	20.91	21.70	25.98	25.49	26.24
Lower Middle	20.99	20.45	17.39	21.28	20.52
Low	2.16	2.39	3.07	0.28	0.30
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



of them:

ACP	96 229	72 559	114 777	98 000	131 000
ASEAN	272 000	317 000	273 000	300 000	309 000
CPE	6 672 000	6 442 000	7 842 000	8 502 000	8 654 000
EU	5 470 237	5 449 928	5 531 630	5 915 719	5 758 853
EFTA	123 000	129 000	130 000	113 000	123 000
G8	31 832 929	31 643 395	31 394 336	31 765 722	31 258 667
MERCOSUR	395 609	398 528	1 385 696	1 329 666	1 348 000
NAFTA	21 009 346	20 191 250	19 830 300	19 705 577	19 056 000
OECD	30 691 489	30 057 902	29 830 795	30 201 408	29 392 983
SADC	736 229	828 372	764 777	738 000	761 000

of them:

ACP	0.17	0.13	0.20	0.16	0.22
ASEAN	0.49	0.56	0.47	0.50	0.53
CPE	12.00	11.39	13.49	14.23	14.76
EU	9.84	9.64	9.52	9.90	9.82
EFTA	0.22	0.23	0.22	0.19	0.21
G8	57.26	55.96	54.00	53.18	53.30
MERCOSUR	0.71	0.70	2.38	2.23	2.30
NAFTA	37.79	35.71	34.11	32.99	32.49
OECD	55.20	53.16	51.31	50.56	50.12
SADC	1.32	1.47	1.32	1.24	1.30

## Talc

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	174 775	98 715	111 770	151 775	160 977
Transition C.	2 773 433	2 748 198	2 797 644	2 626 501	2 597 777
Developing C.	5 400 636	5 613 468	5 480 939	5 433 696	4 974 669
Least Developed C.	33 281	48 853	61 076	71 057	65 117
<b>Total</b>	<b>8 382 125</b>	<b>8 509 234</b>	<b>8 451 429</b>	<b>8 283 029</b>	<b>7 798 540</b>
	in %	in %	in %	in %	in %
Developed C.	2.09	1.16	1.32	1.83	2.06
Transition C.	33.09	32.30	33.10	31.71	33.31
Developing C.	64.43	65.97	64.85	65.60	63.79
Least Developed C.	0.40	0.57	0.72	0.86	0.83
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	3 674 549	3 717 028	3 538 927	3 430 599	3 420 834
Upper Middle	333 162	252 698	650 744	698 037	741 091
Lower Middle	3 335 468	3 576 595	3 368 136	4 095 350	3 577 575
Low	1 038 946	962 913	893 622	59 043	59 040
<b>Total</b>	<b>8 382 125</b>	<b>8 509 234</b>	<b>8 451 429</b>	<b>8 283 029</b>	<b>7 798 540</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	43.84	43.68	41.87	41.42	43.87
Upper Middle	3.97	2.97	7.70	8.43	9.50
Lower Middle	39.79	42.03	39.85	49.44	45.87
Low	12.39	11.32	10.57	0.71	0.76
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	250	230	220	0	0
ASEAN	121 283	187 954	136 216	418 928	154 000
CPE	2 550 000	2 850 000	3 050 000	2 450 000	2 250 000
EU	1 251 076	1 246 596	1 303 429	1 330 501	1 341 777
EFTA	28 000	34 000	34 000	34 000	30 000
G8	1 959 243	1 856 383	1 906 482	1 795 930	1 828 410
MERCOSUR	508 661	413 747	404 317	417 010	418 988
NAFTA	1 021 896	1 005 827	1 020 750	868 410	792 405
OECD	3 788 835	3 787 355	3 586 762	3 468 009	3 442 239
SADC	37 337	69 017	86 106	90 000	85 849
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	1.45	2.21	1.61	5.06	1.97
CPE	30.42	33.49	36.09	29.58	28.85
EU	14.93	14.65	15.42	16.06	17.21
EFTA	0.33	0.40	0.40	0.41	0.38
G8	23.37	21.82	22.56	21.68	23.45
MERCOSUR	6.07	4.86	4.78	5.03	5.37
NAFTA	12.19	11.82	12.08	10.48	10.16
OECD	45.20	44.51	42.44	41.87	44.14
SADC	0.45	0.81	1.02	1.09	1.10

## Vermiculite

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	83 000	89 000	90 000	90 000	85 000
Transition C.	105 300	120 200	115 000	114 900	122 998
Developing C.	242 151	266 950	250 495	250 367	255 575
Least Developed C.	0	0	0	0	0
Total	430 451	476 150	455 495	455 267	463 573
	in %	in %	in %	in %	in %
Developed C.	19.28	18.69	19.76	19.77	18.34
Transition C.	24.46	25.24	25.25	25.24	26.53
Developing C.	56.26	56.06	54.99	54.99	55.13
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	105 300	120 200	115 000	114 900	122 998
Upper Middle	219 100	236 204	243 575	250 726	246 577
Lower Middle	86 594	89 952	71 600	76 571	80 928
Low	19 457	29 794	25 320	13 070	13 070
Total	430 451	476 150	455 495	455 267	463 573
	in %	in %	in %	in %	in %
High	24.46	25.24	25.25	25.24	26.53
Upper Middle	50.90	49.61	53.47	55.07	53.19
Lower Middle	20.12	18.89	15.72	16.82	17.46
Low	4.52	6.26	5.56	2.87	2.82
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	16 080	23 120	13 493	13 070	13 070
ASEAN	0	0	0	0	0
CPE	0	0	0	0	0
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	116 900	136 000	131 000	136 000	139 679
MERCOSUR	25 394	20 700	20 775	20 726	21 813
NAFTA	90 000	105 000	100 000	100 000	108 679
OECD	105 300	120 200	115 000	114 900	122 998
SADC	212 900	232 846	211 221	213 000	212 764
of them:					
ACP	3.74	4.86	2.96	2.87	2.82
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	0.00	0.00	0.00	0.00	0.00
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	27.16	28.56	28.76	29.87	30.13
MERCOSUR	5.90	4.35	4.56	4.55	4.71
NAFTA	20.91	22.05	21.95	21.97	23.44
OECD	24.46	25.24	25.25	25.24	26.53
SADC	49.46	48.90	46.37	46.79	45.90

## Zircon

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	34 300	35 000	36 000	35 000	35 000
Transition C.	611 000	590 000	635 000	725 000	672 000
Developing C.	505 844	555 331	607 911	588 397	597 231
Least Developed C.	0	0	0	0	0
Total	1 151 144	1 180 331	1 278 911	1 348 397	1 304 231

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
Developed C.	2.98	2.97	2.81	2.60	2.68
Transition C.	53.08	49.99	49.65	53.77	51.52
Developing C.	43.94	47.05	47.53	43.64	45.79
Least Developed C.	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	611 000	590 000	635 000	725 000	672 000
Upper Middle	308 886	318 954	442 590	422 993	431 784
Lower Middle	205 826	244 244	179 321	200 404	200 447
Low	25 432	27 133	22 000	0	0
Total	1 151 144	1 180 331	1 278 911	1 348 397	1 304 231
	in %	in %	in %	in %	in %
High	53.08	49.99	49.65	53.77	51.52
Upper Middle	26.83	27.02	34.61	31.37	33.11
Lower Middle	17.88	20.69	14.02	14.86	15.37
Low	2.21	2.30	1.72	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	0	0	0	0	0
ASEAN	6 886	4 954	1 690	8 416	984
CPE	140 000	160 000	135 000	140 000	140 000
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	172 000	164 000	143 000	120 000	122 000
MERCOSUR	18 700	25 657	26 500	26 800	26 800
NAFTA	172 000	164 000	143 000	120 000	122 000
OECD	611 000	590 000	635 000	725 000	672 000
SADC	302 000	314 000	414 400	388 800	404 000
of them:					
ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.60	0.42	0.13	0.62	0.08
CPE	12.16	13.56	10.56	10.38	10.73
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	14.94	13.89	11.18	8.90	9.35
MERCOSUR	1.62	2.17	2.07	1.99	2.05
NAFTA	14.94	13.89	11.18	8.90	9.35
OECD	53.08	49.99	49.65	53.77	51.52
SADC	26.23	26.60	32.40	28.83	30.98

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## 6.3.5 Mineral Fuels / Energierohstoffe

### Steam Coal

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	237 136 737	265 598 140	277 516 124	297 602 000	310 474 000
Transition C.	1 214 248 667	1 227 980 427	1 254 646 000	1 243 421 930	1 355 722 842
Developing C.	2 584 317 287	2 797 213 082	2 969 530 130	3 143 985 175	3 432 038 577
Least Developed C.	941 431	1 050 626	1 116 728	876 107	1 844 616
<b>Total</b>	<b>4 036 644 122</b>	<b>4 291 842 275</b>	<b>4 502 808 982</b>	<b>4 685 885 212</b>	<b>5 100 080 035</b>
	in %	in %	in %	in %	in %
Developed C.	5.87	6.19	6.16	6.35	6.09
Transition C.	30.08	28.61	27.86	26.54	26.58
Developing C.	64.02	65.18	65.95	67.09	67.29
Least Developed C.	0.02	0.02	0.02	0.02	0.04
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	1 126 747 667	1 140 621 427	1 176 720 000	1 170 056 000	1 283 995 642
Upper Middle	482 367 024	510 643 276	590 171 484	606 468 105	686 930 777
Lower Middle	2 010 576 000	2 190 261 906	2 257 515 570	2 826 391 261	3 055 541 704
Low	416 953 431	450 315 666	478 401 928	82 969 846	73 611 912
<b>Total</b>	<b>4 036 644 122</b>	<b>4 291 842 275</b>	<b>4 502 808 982</b>	<b>4 685 885 212</b>	<b>5 100 080 035</b>
	in %	in %	in %	in %	in %
High	27.91	26.58	26.13	24.97	25.18
Upper Middle	11.95	11.90	13.11	12.94	13.47
Lower Middle	49.81	51.03	50.14	60.32	59.91
Low	10.33	10.49	10.62	1.77	1.44
<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	4 655 887	4 701 924	4 672 725	4 470 846	4 828 912
ASEAN	112 791 200	138 319 400	172 160 800	204 160 100	218 374 594
CPE	1 780 255 000	1 937 625 000	2 046 424 000	2 160 573 000	2 402 916 000
EU	138 275 667	132 799 427	124 161 000	118 140 930	111 678 200
EFTA	2 904 000	1 620 000	2 400 000	3 223 000	3 926 000
G8	1 070 102 000	1 107 778 000	1 136 549 000	1 146 954 000	1 260 947 642
MERCOSUR	5 370 000	6 368 105	13 613 333	14 615 075	15 099 983
NAFTA	911 021 000	929 087 000	960 347 000	947 319 000	1 063 405 642
OECD	1 227 128 667	1 241 297 427	1 268 731 000	1 254 617 400	1 366 279 642
SADC	246 026 503	247 857 864	247 609 405	246 208 550	238 857 000

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0.12	0.11	0.10	0.10	0.09
ASEAN	2.79	3.22	3.82	4.36	4.28
CPE	44.10	45.15	45.45	46.11	47.12
EU	3.43	3.09	2.76	2.52	2.19
EFTA	0.07	0.04	0.05	0.07	0.08
G8	26.51	25.81	25.24	24.48	24.72
MERCOSUR	0.13	0.15	0.30	0.31	0.30
NAFTA	22.57	21.65	21.33	20.22	20.85
OECD	30.40	28.92	28.18	26.77	26.79
SADC	6.09	5.78	5.50	5.25	4.68

## Coking Coal

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	98 340 000	89 652 000	89 191 000	94 978 000	100 747 000
Transition C.	230 879 000	241 483 000	234 207 000	254 448 400	262 956 000
Developing C.	253 965 000	310 656 000	369 570 531	410 780 000	464 165 000
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>583 184 000</b>	<b>641 791 000</b>	<b>692 968 531</b>	<b>760 206 400</b>	<b>827 868 000</b>
	in %	in %	in %	in %	in %
Developed C.	16.86	13.97	12.87	12.49	12.17
Transition C.	39.59	37.63	33.80	33.47	31.76
Developing C.	43.55	48.40	53.33	54.04	56.07
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	207 037 000	220 276 000	219 637 000	240 812 000	251 035 000
Upper Middle	88 631 000	80 792 000	85 098 000	91 132 400	97 713 000
Lower Middle	264 443 000	316 449 000	363 601 531	427 645 000	478 406 000
Low	23 073 000	24 274 000	24 632 000	617 000	714 000
<b>Total</b>	<b>583 184 000</b>	<b>641 791 000</b>	<b>692 968 531</b>	<b>760 206 400</b>	<b>827 868 000</b>
	in %	in %	in %	in %	in %
High	35.50	34.32	31.70	31.68	30.32
Upper Middle	15.20	12.59	12.28	11.99	11.80
Lower Middle	45.34	49.31	52.47	56.25	57.79
Low	3.96	3.78	3.55	0.08	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	651 000	690 000	657 000	617 000	714 000
ASEAN	0	0	0	0	0
CPE	225 697 000	280 648 000	339 200 000	379 288 000	428 071 000
EU	40 829 000	36 652 000	35 688 000	35 329 400	30 294 000
EFTA	0	0	0	0	0
G8	147 861 000	144 007 000	138 005 000	151 256 000	161 310 000
MERCOSUR	214 000	210 000	180 000	194 000	419 000
NAFTA	71 466 000	74 849 000	72 513 000	77 324 000	87 198 000
OECD	233 278 000	243 923 000	236 752 000	257 161 400	266 460 000
SADC	1 898 000	2 330 000	2 320 000	2 272 000	2 245 000

of them:

ACP	0.11	0.11	0.09	0.08	0.09
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	38.70	43.73	48.95	49.89	51.71
EU	7.00	5.71	5.15	4.65	3.66
EFTA	0.00	0.00	0.00	0.00	0.00
G8	25.35	22.44	19.92	19.90	19.48
MERCOSUR	0.04	0.03	0.03	0.03	0.05
NAFTA	12.25	11.66	10.46	10.17	10.53
OECD	40.00	38.01	34.16	33.83	32.19
SADC	0.33	0.36	0.33	0.30	0.27

## Lignite

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	161 735 351	147 137 300	193 484 500	97 877 615	135 280 088
Transition C.	564 044 434	567 387 741	560 322 287	608 747 246	603 206 971
Developing C.	199 583 159	209 906 276	138 547 000	182 278 000	149 902 000
Least Developed C.	343 407	242 223	244 963	636 372	944 300
<b>Total</b>	<b>925 706 351</b>	<b>924 673 540</b>	<b>892 598 750</b>	<b>889 539 233</b>	<b>889 333 359</b>
	in %	in %	in %	in %	in %
Developed C.	17.47	15.91	21.68	11.00	15.21
Transition C.	60.93	61.36	62.77	68.43	67.83
Developing C.	21.56	22.70	15.52	20.49	16.86
Least Developed C.	0.04	0.03	0.03	0.07	0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	451 245 644	444 864 296	487 339 287	489 921 384	482 159 271
Upper Middle	309 228 300	318 149 245	307 978 500	302 273 477	311 383 476
Lower Middle	116 949 000	112 255 676	46 063 000	86 146 000	83 114 312
Low	48 283 407	49 404 323	51 217 963	11 198 372	12 676 300
<b>Total</b>	<b>925 706 351</b>	<b>924 673 540</b>	<b>892 598 750</b>	<b>889 539 233</b>	<b>889 333 359</b>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	48.75	48.11	54.60	55.08	54.22
Upper Middle	33.40	34.41	34.50	33.98	35.01
Lower Middle	12.63	12.14	5.16	9.68	9.35
Low	5.22	5.34	5.74	1.26	1.43
Total	100.00	100.00	100.00	100.00	100.00

of them:

ACP	0	0	0	0	0
ASEAN	20 000 000	20 878 176	19 055 000	17 869 000	17 568 000
CPE	64 205 000	63 563 100	25 891 000	25 568 000	26 968 000
EU	393 535 434	387 117 296	376 298 287	436 620 246	433 386 604
EFTA	0	0	0	0	0
G8	363 961 110	360 412 800	363 002 117	359 576 000	354 924 367
MERCOSUR	0	0	0	0	0
NAFTA	111 735 000	112 872 000	112 533 000	106 867 000	103 567 367
OECD	613 963 593	619 018 185	617 737 533	613 108 201	610 686 001
SADC	0	0	0	0	0

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	2.16	2.26	2.13	2.01	1.98
CPE	6.94	6.87	2.90	2.87	3.03
EU	42.51	41.87	42.16	49.08	48.73
EFTA	0.00	0.00	0.00	0.00	0.00
G8	39.32	38.98	40.67	40.42	39.91
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	12.07	12.21	12.61	12.01	11.65
OECD	66.32	66.94	69.21	68.92	68.67
SADC	0.00	0.00	0.00	0.00	0.00

## Natural Gas

Developing status:	2004 Mio m <sup>3</sup>	2005 Mio m <sup>3</sup>	2006 Mio m <sup>3</sup>	2007 Mio m <sup>3</sup>	2008 Mio m <sup>3</sup>
Developed C.	767 378	795 897	810 649	842 072	736 699
Transition C.	1 067 169	1 053 803	1 061 436	1 068 056	1 131 698
Developing C.	860 371	954 856	1 025 748	1 075 860	1 060 693
Least Developed C.	14 183	14 992	16 331	16 590	28 890
Total	2 709 101	2 819 548	2 914 164	3 002 578	2 957 980
	in %	in %	in %	in %	in %
Developed C.	28.33	28.23	27.82	28.04	24.91
Transition C.	39.39	37.37	36.42	35.57	38.26
Developing C.	31.76	33.87	35.20	35.83	35.86
Least Developed C.	0.52	0.53	0.56	0.55	0.98
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



annual per capita income	2004 Mio m <sup>3</sup>	2005 Mio m <sup>3</sup>	2006 Mio m <sup>3</sup>	2007 Mio m <sup>3</sup>	2008 Mio m <sup>3</sup>
High	1 245 782	1 244 215	1 260 733	1 310 983	1 410 122
Upper Middle	837 799	862 958	949 146	954 339	908 418
Lower Middle	469 700	536 947	518 494	572 728	540 056
Low	155 820	175 428	185 791	164 528	99 384
Total	2 709 101	2 819 548	2 914 164	3 002 578	2 957 980
	in %	in %	in %	in %	in %
High	45.99	44.13	43.26	43.66	47.67
Upper Middle	30.93	30.61	32.57	31.78	30.71
Lower Middle	17.34	19.04	17.79	19.07	18.26
Low	5.75	6.22	6.38	5.48	3.36
Total of them:	100.00	100.00	100.00	100.00	100.00
ACP	51 945	54 849	67 129	75 506	74 486
ASEAN	144 859	178 044	184 996	185 934	169 617
CPE	48 454	57 183	51 291	68 518	67 861
EU	232 654	220 416	208 738	208 171	213 810
EFTA	80 600	88 600	91 500	90 000	99 700
G8	1 451 588	1 438 182	1 451 678	1 479 749	1 416 096
MERCOSUR	51 100	54 800	88 819	88 652	82 500
NAFTA	756 500	743 300	764 000	774 550	827 167
OECD	1 111 789	1 096 488	1 110 326	1 109 019	1 175 441
SADC	750	650	680	830	630
of them:					
ACP	1.92	1.95	2.30	2.51	2.52
ASEAN	5.35	6.31	6.35	6.19	5.73
CPE	1.79	2.03	1.76	2.28	2.29
EU	8.59	7.82	7.16	6.93	7.23
EFTA	2.98	3.14	3.14	3.00	3.37
G8	53.58	51.01	49.81	49.28	47.87
MERCOSUR	1.89	1.94	3.05	2.95	2.79
NAFTA	27.92	26.36	26.22	25.80	27.96
OECD	41.04	38.89	38.10	36.94	39.74
SADC	0.03	0.02	0.02	0.03	0.02

## Oil

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	527 320 335	566 807 519	605 798 977	611 578 982	614 205 358
Transition C.	717 591 375	670 378 653	649 928 947	655 343 961	629 437 752
Developing C.	2 387 258 492	2 466 192 144	2 455 306 949	2 398 795 877	2 440 788 081
Least Developed C.	101 008 172	115 117 581	126 355 483	143 055 407	152 160 993
Total	3 733 178 374	3 818 495 897	3 837 390 356	3 808 774 227	3 836 592 184

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
Developed C.	14.13	14.84	15.79	16.06	16.01
Transition C.	19.22	17.56	16.94	17.21	16.41
Developing C.	63.95	64.59	63.98	62.98	63.62
Least Developed C.	2.71	3.01	3.29	3.76	3.97
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	1 489 906 773	1 503 659 398	1 482 921 994	1 482 160 486	1 533 248 764
Upper Middle	1 015 257 339	1 051 479 204	1 223 461 135	1 185 503 804	1 251 514 954
Lower Middle	982 594 196	1 032 527 227	903 703 168	987 105 446	1 012 978 473
Low	245 420 066	230 830 068	227 304 059	154 004 491	38 849 993
Total	3 733 178 374	3 818 495 897	3 837 390 356	3 808 774 227	3 836 592 184
	in %	in %	in %	in %	in %
High	39.91	39.38	38.64	38.91	39.96
Upper Middle	27.20	27.54	31.88	31.13	32.62
Lower Middle	26.32	27.04	23.55	25.92	26.40
Low	6.57	6.05	5.92	4.04	1.01
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	224 054 143	241 745 192	250 893 398	253 129 568	263 159 406
ASEAN	118 362 724	115 516 606	112 234 920	107 281 806	106 805 873
CPE	197 611 700	204 095 680	204 382 802	205 946 494	207 565 000
EU	124 468 639	113 427 582	104 213 689	110 011 578	98 739 083
EFTA	146 800 000	137 700 000	130 000 000	118 800 000	114 500 000
G8	942 679 008	935 466 390	953 654 515	973 466 110	949 401 741
MERCOSUR	112 200 000	120 700 000	283 834 316	281 450 000	260 000 000
NAFTA	613 632 109	582 567 000	574 285 237	572 480 211	562 446 169
OECD	911 380 104	859 939 895	835 019 609	824 953 594	804 053 718
SADC	48 000 000	60 900 000	68 500 000	84 300 000	92 200 000
of them:					
ACP	6.00	6.33	6.54	6.65	6.86
ASEAN	3.17	3.03	2.92	2.82	2.78
CPE	5.29	5.34	5.33	5.41	5.41
EU	3.33	2.97	2.72	2.89	2.57
EFTA	3.93	3.61	3.39	3.12	2.98
G8	25.25	24.50	24.85	25.56	24.75
MERCOSUR	3.01	3.16	7.40	7.39	6.78
NAFTA	16.44	15.26	14.97	15.03	14.66
OECD	24.41	22.52	21.76	21.66	20.96
SADC	1.29	1.59	1.79	2.21	2.40

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Oil Sands

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	0	0	0	0	0
Transition C.	57 588 889	57 415 079	58 782 630	62 538 041	52 367 280
Developing C.	28 794 444	28 968 254	34 761 905	35 000 000	35 000 000
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>86 383 333</b>	<b>86 383 333</b>	<b>93 544 535</b>	<b>97 538 041</b>	<b>87 367 280</b>
	in %	in %	in %	in %	in %
Developed C.	0.00	0.00	0.00	0.00	0.00
Transition C.	66.67	66.47	62.84	64.12	59.94
Developing C.	33.33	33.53	37.16	35.88	40.06
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	57 588 889	57 415 079	58 782 630	62 538 041	52 367 280
Upper Middle	28 794 444	28 968 254	34 761 905	35 000 000	35 000 000
Lower Middle	0	0	0	0	0
Low	0	0	0	0	0
<b>Total</b>	<b>86 383 333</b>	<b>86 383 333</b>	<b>93 544 535</b>	<b>97 538 041</b>	<b>87 367 280</b>
	in %	in %	in %	in %	in %
High	66.67	66.47	62.84	64.12	59.94
Upper Middle	33.33	33.53	37.16	35.88	40.06
Lower Middle	0.00	0.00	0.00	0.00	0.00
Low	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	0	0	0	0
ASEAN	0	0	0	0	0
CPE	0	0	0	0	0
EU	0	0	0	0	0
EFTA	0	0	0	0	0
G8	57 588 889	57 415 079	58 782 630	62 538 041	52 367 280
MERCOSUR	0	0	34 761 905	35 000 000	35 000 000
NAFTA	57 588 889	57 415 079	58 782 630	62 538 041	52 367 280
OECD	57 588 889	57 415 079	58 782 630	62 538 041	52 367 280
SADC	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	0.00	0.00	0.00	0.00	0.00
EU	0.00	0.00	0.00	0.00	0.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	66.67	66.47	62.84	64.12	59.94
MERCOSUR	0.00	0.00	37.16	35.88	40.06
NAFTA	66.67	66.47	62.84	64.12	59.94
OECD	66.67	66.47	62.84	64.12	59.94
SADC	0.00	0.00	0.00	0.00	0.00

## Oil Shales

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	1 300 000	1 200 000	1 200 000	1 200 000	1 200 000
Transition C.	11 623 136	11 614 585	12 309 894	14 325 226	16 404 823
Developing C.	0	0	0	0	0
Least Developed C.	0	0	0	0	0
<b>Total</b>	<b>12 923 136</b>	<b>12 814 585</b>	<b>13 509 894</b>	<b>15 525 226</b>	<b>17 604 823</b>
	in %	in %	in %	in %	in %
Developed C.	10.06	9.36	8.88	7.73	6.82
Transition C.	89.94	90.64	91.12	92.27	93.18
Developing C.	0.00	0.00	0.00	0.00	0.00
Least Developed C.	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>
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	295 136	304 585	12 309 894	14 325 226	16 404 823
Upper Middle	12 628 000	12 510 000	1 200 000	1 200 000	1 200 000
Lower Middle	0	0	0	0	0
Low	0	0	0	0	0
<b>Total</b>	<b>12 923 136</b>	<b>12 814 585</b>	<b>13 509 894</b>	<b>15 525 226</b>	<b>17 604 823</b>
	in %	in %	in %	in %	in %
High	2.28	2.38	91.12	92.27	93.18
Upper Middle	97.72	97.62	8.88	7.73	6.82
Lower Middle	0.00	0.00	0.00	0.00	0.00
Low	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>

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

of them:

ACP	0	0	0	0	0
ASEAN	0	0	0	0	0
CPE	0	0	0	0	0
EU	11 623 136	11 614 585	12 309 894	14 325 226	16 404 823
EFTA	0	0	0	0	0
G8	1 594 888	1 504 585	1 532 507	1 533 022	1 487 820
MERCOSUR	0	0	0	0	0
NAFTA	0	0	0	0	0
OECD	295 136	304 585	332 794	333 026	287 823
SADC	0	0	0	0	0

of them:

ACP	0.00	0.00	0.00	0.00	0.00
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	0.00	0.00	0.00	0.00	0.00
EU	89.94	90.64	91.12	92.27	93.18
EFTA	0.00	0.00	0.00	0.00	0.00
G8	12.34	11.74	11.34	9.87	8.45
MERCOSUR	0.00	0.00	0.00	0.00	0.00
NAFTA	0.00	0.00	0.00	0.00	0.00
OECD	2.28	2.38	2.46	2.15	1.63
SADC	0.00	0.00	0.00	0.00	0.00

## Uranium

Developing status:	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
Developed C.	11 589	12 499	12 867	15 590	17 900
Transition C.	23 838	24 709	21 287	22 094	21 200
Developing C.	6 031	5 844	5 626	5 593	5 968
Least Developed C.	3 870	3 647	4 049	3 718	3 575
Total	45 328	46 699	43 829	46 995	48 643
	in %	in %	in %	in %	in %
Developed C.	25.57	26.77	29.36	33.17	36.80
Transition C.	52.59	52.91	48.57	47.01	43.58
Developing C.	13.31	12.51	12.84	11.90	12.27
Least Developed C.	8.54	7.81	9.24	7.91	7.35
Total	100.00	100.00	100.00	100.00	100.00
annual per capita income	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
High	23 325	24 227	21 287	22 003	21 109
Upper Middle	5 307	5 429	10 122	12 935	18 980
Lower Middle	10 125	10 360	5 444	5 550	2 222
Low	6 571	6 683	6 976	6 507	6 332
Total	45 328	46 699	43 829	46 995	48 643

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
High	51.46	51.88	48.57	46.82	43.40
Upper Middle	11.71	11.63	23.09	27.52	39.02
Lower Middle	22.34	22.18	12.42	11.81	4.57
Low	14.50	14.31	15.92	13.85	13.02
Total	100.00	100.00	100.00	100.00	100.00
of them:					
ACP	7 452	7 358	7 666	7 113	7 104
ASEAN	0	0	0	0	0
CPE	884	884	884	840	906
EU	612	584	499	523	487
EFTA	0	0	0	0	0
G8	16 529	17 000	15 758	15 503	14 976
MERCOSUR	354	130	224	352	389
NAFTA	12 629	12 852	11 834	11 425	10 770
OECD	23 838	24 709	21 287	22 003	21 109
SADC	4 469	4 506	4 256	4 030	4 300
of them:					
ACP	16.44	15.76	17.49	15.14	14.60
ASEAN	0.00	0.00	0.00	0.00	0.00
CPE	1.95	1.89	2.02	1.79	1.86
EU	1.35	1.25	1.14	1.11	1.00
EFTA	0.00	0.00	0.00	0.00	0.00
G8	36.47	36.40	35.95	32.99	30.79
MERCOSUR	0.78	0.28	0.51	0.75	0.80
NAFTA	27.86	27.52	27.00	24.31	22.14
OECD	52.59	52.91	48.57	46.82	43.40
SADC	9.86	9.65	9.71	8.58	8.84

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## 6.4 World Production of Mineral Raw Materials by Political Stability of the Producer Countries (according World Bank), by Minerals

### Weltproduktion mineralischer Rohstoffe nach politischer Stabilität der Produzentenländer (gemäß Weltbank), nach Rohstoffen

#### 6.4.1 Iron and Ferro-Alloy Metals / Eisen und Stahlveredler

##### Iron

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	614 801	415 985	10 498 465	17 036 929	331 933
critical	528 785 681	581 551 509	628 689 888	658 555 695	811 255 131
fair	203 775 790	239 449 290	288 901 713	356 924 519	308 457 148
stable	16 621 453	448 000	1 242 564	0	1 127 895
	in %	in %	in %	in %	in %
extr.crit.	0.08	0.05	1.13	1.65	0.03
critical	70.52	70.76	67.65	63.78	72.36
fair	27.18	29.13	31.09	34.57	27.51
stable	2.22	0.05	0.13	0.00	0.10
Total	100.00	100.00	100.00	100.00	100.00

##### Chromium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	343 851	441 723	235 850	606 770	502 630
critical	6 913 476	7 583 135	3 284 000	3 106 928	7 609 052
fair	223 837	151 497	4 698 096	5 711 539	2 109 860
stable	231 912	228 441	219 485	278 050	306 772
	in %	in %	in %	in %	in %
extr.crit.	4.46	5.26	2.80	6.25	4.77
critical	89.63	90.22	38.92	32.02	72.27
fair	2.90	1.80	55.68	58.86	20.04
stable	3.01	2.72	2.60	2.87	2.91
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Cobalt

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	21 366	26 092	27 789	25 329	31 028
critical	14 725	18 570	14 880	14 746	18 320
fair	20 653	16 488	20 583	19 285	16 828
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	37.65	42.67	43.93	42.67	46.89
critical	25.95	30.37	23.52	24.84	27.68
fair	36.40	26.96	32.54	32.49	25.43
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Manganese

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	77 415	90 425	74 060
critical	8 710 179	9 166 123	5 355 143	4 802 545	8 832 999
fair	3 423 036	3 918 095	7 798 050	9 353 652	5 807 480
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	0.59	0.63	0.50
critical	71.79	70.05	40.48	33.71	60.03
fair	28.21	29.95	58.94	65.66	39.47
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Molybdenum

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	500	577	3 050	3 100	0
critical	64 817	70 090	70 509	90 717	91 183
fair	94 043	114 836	112 761	110 821	104 960
stable	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



	in %	in %	in %	in %	in %
extr.crit.	0.31	0.31	1.64	1.51	0.00
critical	40.67	37.78	37.84	44.33	46.49
fair	59.01	61.91	60.52	54.15	53.51
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Nickel

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	227 600	248 300	158 805	200 500	167 300
critical	634 000	704 294	722 800	738 811	742 636
fair	517 416	474 880	616 240	629 031	589 338
stable	3 581	3 742	3 000	3 600	4 400
	in %	in %	in %	in %	in %
extr.crit.	16.46	17.35	10.58	12.75	11.13
critical	45.86	49.21	48.16	47.00	49.39
fair	37.42	33.18	41.06	40.02	39.19
stable	0.26	0.26	0.20	0.23	0.29
Total	100.00	100.00	100.00	100.00	100.00

## Tantalum-Columbium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	91	181	153	310	372
critical	39 732	56 439	68 953	82 166	82 300
fair	3 800	4 145	4 521	4 873	5 250
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.21	0.30	0.21	0.35	0.42
critical	91.08	92.88	93.65	94.07	93.61
fair	8.71	6.82	6.14	5.58	5.97
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Titanium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	36 303	37 000	38 900	33 126
critical	2 499 973	2 547 513	1 670 613	1 389 710	2 992 644
fair	3 227 736	3 162 420	4 942 646	5 563 416	3 396 836
stable	387 500	310 000	0	0	402 568
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.60	0.56	0.56	0.49
critical	40.88	42.06	25.12	19.88	43.85
fair	52.78	52.22	74.32	79.57	49.77
stable	6.34	5.12	0.00	0.00	5.90
Total	100.00	100.00	100.00	100.00	100.00

## Tungsten

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	357	619	1 233	1 024	714
critical	64 824	57 145	51 732	49 195	51 401
fair	2 146	2 856	4 685	5 552	4 316
stable	0	0	0	0	1 122
	in %	in %	in %	in %	in %
extr.crit.	0.53	1.02	2.14	1.84	1.24
critical	96.28	94.27	89.73	88.21	89.31
fair	3.19	4.71	8.13	9.95	7.50
stable	0.00	0.00	0.00	0.00	1.95
Total	100.00	100.00	100.00	100.00	100.00

## Vanadium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	0	0	0
critical	45 203	54 804	36 000	36 500	53 295
fair	1 900	1 500	26 280	25 786	2 000
stable	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	0.00	0.00	0.00
critical	95.97	97.34	57.80	58.60	96.38
fair	4.03	2.66	42.20	41.40	3.62
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## 6.4.2 Non-Ferrous Metals / Nichteisenmetalle

### Aluminium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	528 400	631 900	619 267	203 600	0
critical	16 361 494	17 401 513	17 977 221	22 270 817	24 648 200
fair	10 846 934	12 285 718	14 335 349	15 246 082	13 066 215
stable	2 088 538	1 708 200	693 724	398 500	1 368 000
	in %	in %	in %	in %	in %
extr.crit.	1.77	1.97	1.84	0.53	0.00
critical	54.86	54.33	53.46	58.42	63.07
fair	36.37	38.36	42.63	40.00	33.43
stable	7.00	5.33	2.06	1.05	3.50
Total	100.00	100.00	100.00	100.00	100.00

### Antimony

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	4 069	4 078	5 071	119	100
critical	145 079	171 232	168 960	181 304	200 264
fair	225	199	6 231	5 547	1 116
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	2.72	2.32	2.81	0.06	0.05
critical	97.13	97.56	93.73	96.97	99.40
fair	0.15	0.11	3.46	2.97	0.55
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Arsenic

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	870	800	600
critical	45 917	47 879	48 538	40 906	41 907
fair	12 304	10 069	11 340	12 050	10 614
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	1.43	1.49	1.13
critical	78.87	82.62	79.90	76.10	78.89
fair	21.13	17.38	18.67	22.42	19.98
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Bauxite

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	1 336 080	1 377 570	19 291 029	19 038 005	18 536 000
critical	102 165 536	104 668 017	89 190 418	98 511 689	101 856 700
fair	64 762 195	68 343 651	76 498 455	76 555 171	78 838 178
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.79	0.79	10.43	9.81	9.30
critical	60.72	60.02	48.22	50.75	51.12
fair	38.49	39.19	41.36	39.44	39.57
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Bismuth

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	3	5	7	3	0
critical	4 096	4 010	4 253	6 011	7 359
fair	739	656	799	693	676
stable	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
extr.crit.	0.06	0.11	0.14	0.04	0.00
critical	84.66	85.85	84.07	89.62	91.59
fair	15.27	14.04	15.79	10.33	8.41
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Cadmium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	0	0	0
critical	10 606	9 295	7 114	7 760	7 827
fair	10 244	10 314	12 472	11 262	11 643
stable	141	153	0	0	178
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	0.00	0.00	0.00
critical	50.53	47.03	36.32	40.79	39.84
fair	48.80	52.19	63.68	59.21	59.26
stable	0.67	0.77	0.00	0.00	0.91
Total	100.00	100.00	100.00	100.00	100.00

## Copper

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	1 012 700	1 289 670	488 100	540 762	280 174
critical	4 150 726	4 210 650	4 268 744	4 530 835	5 075 168
fair	9 294 770	9 416 031	10 349 263	10 382 028	10 048 347
stable	97 900	15 000	13 000	13 600	13 300
	in %	in %	in %	in %	in %
extr.crit.	6.96	8.64	3.23	3.50	1.82
critical	28.52	28.20	28.23	29.29	32.92
fair	63.85	63.06	68.45	67.12	65.18
stable	0.67	0.10	0.09	0.09	0.09
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Gallium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	0	0	0
critical	25	28	30	30	30
fair	10	10	11	10	10
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	0.00	0.00	0.00
critical	71.43	73.68	73.17	75.00	75.00
fair	28.57	26.32	26.83	25.00	25.00
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Germanium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	0	0	0
critical	18	23	24	27	32
fair	15	5	5	5	5
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	0.00	0.00	0.00
critical	54.55	82.14	82.76	84.38	86.49
fair	45.45	17.86	17.24	15.63	13.51
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Lead

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	400	17 840	9 000	3 000
critical	1 706 486	1 789 466	2 005 855	2 086 402	2 420 075
fair	1 378 438	1 523 147	1 500 053	1 510 158	1 453 489
stable	54 347	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
extr.crit.	0.00	0.01	0.51	0.25	0.08
critical	54.36	54.01	56.92	57.87	62.43
fair	43.91	45.97	42.57	41.88	37.49
stable	1.73	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Lithium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	1 450	937	0	0	0
critical	3 197	3 293	4 157	3 440	3 530
fair	28 125	30 743	36 086	38 078	39 285
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	4.42	2.68	0.00	0.00	0.00
critical	9.76	9.42	10.33	8.29	8.24
fair	85.82	87.90	89.67	91.71	91.76
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Mercury

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	28	30	280	0	0
critical	1 337	1 128	828	1 161	998
fair	65	65	65	65	65
stable	24	34	23	45	33
	in %	in %	in %	in %	in %
extr.crit.	1.93	2.39	23.41	0.00	0.00
critical	91.95	89.74	69.23	91.35	91.06
fair	4.47	5.17	5.43	5.11	5.93
stable	1.65	2.70	1.92	3.54	3.01
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Rare Earths Concentrates

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	70	68	50	50
critical	95 712	100 632	120 690	120 390	125 390
fair	1 683	320	894	682	233
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.07	0.06	0.04	0.04
critical	98.27	99.61	99.21	99.40	99.77
fair	1.73	0.32	0.73	0.56	0.19
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Tellurium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	0	0	0
critical	29	33	34	35	28
fair	75	52	35	49	59
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	0.00	0.00	0.00
critical	27.88	38.82	49.28	41.67	32.18
fair	72.12	61.18	50.72	58.33	67.82
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Tin

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	79 380	84 304	5 200	11 400	14 329
critical	197 357	203 877	280 943	289 150	248 736
fair	7 281	10 608	9 900	10 517	9 858
stable	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



	in %	in %	in %	in %	in %
extr.crit.	27.95	28.22	1.76	3.66	5.25
critical	69.49	68.23	94.90	92.95	91.14
fair	2.56	3.55	3.34	3.38	3.61
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Zinc

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	8 000	7 600	187 800	100 900	20 299
critical	5 614 123	6 105 083	5 895 318	6 202 468	7 051 156
fair	3 786 016	3 940 813	4 324 607	4 563 659	4 500 813
stable	234 200	40 803	35 700	38 900	27 800
	in %	in %	in %	in %	in %
extr.crit.	0.08	0.08	1.80	0.93	0.17
critical	58.22	60.48	56.45	56.87	60.79
fair	39.26	39.04	41.41	41.85	38.80
stable	2.43	0.40	0.34	0.36	0.24
Total	100.00	100.00	100.00	100.00	100.00

## 6.4.3 Precious Metals / Edelmetalle

### Gold

Estimate	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
extr.crit.	258 061	293 944	190 726	170 689	114 849
critical	1 278 634	1 306 804	1 071 350	1 056 690	1 368 705
fair	851 779	879 649	1 122 703	1 104 442	796 176
stable	18 075	1 296	11 925	1 620	1 600
	in %	in %	in %	in %	in %
extr.crit.	10.72	11.84	7.96	7.31	5.03
critical	53.13	52.66	44.70	45.28	60.00
fair	35.39	35.45	46.84	47.33	34.90
stable	0.75	0.05	0.50	0.07	0.07
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Palladium

Estimate	2004	2005	2006	2007	2008
	kg	kg	kg	kg	kg
extr.crit.	3 564	3 879	0	4 290	9 641
critical	173 423	180 381	104 164	94 855	159 813
fair	29 012	29 524	117 314	119 546	30 895
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	1.73	1.81	0.00	1.96	4.81
critical	84.19	84.38	47.03	43.37	79.77
fair	14.08	13.81	52.97	54.66	15.42
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Platinum

Estimate	2004	2005	2006	2007	2008
	kg	kg	kg	kg	kg
extr.crit.	5 647	5 916	1 449	6 969	10 684
critical	181 244	192 716	33 610	28 301	166 385
fair	11 760	10 515	175 519	167 214	10 505
stable	705	800	800	800	800
	in %	in %	in %	in %	in %
extr.crit.	2.83	2.82	0.69	3.43	5.67
critical	90.91	91.79	15.90	13.92	88.33
fair	5.90	5.01	83.04	82.26	5.58
stable	0.35	0.38	0.38	0.39	0.42
Total	100.00	100.00	100.00	100.00	100.00

## Rhodium

Estimate	2004	2005	2006	2007	2008
	kg	kg	kg	kg	kg
extr.crit.	374	404	0	435	560
critical	19 594	23 024	3 520	2 799	20 495
fair	484	710	21 455	22 174	492
stable	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
extr.crit.	1.83	1.67	0.00	1.71	2.60
critical	95.80	95.38	14.09	11.02	95.12
fair	2.37	2.94	85.91	87.27	2.28
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Silver

Estimate	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg
extr.crit.	400 608	456 139	191 537	217 931	59 426
critical	11 284 928	11 996 423	11 615 812	11 915 147	13 527 446
fair	7 757 949	8 020 680	8 491 331	8 747 831	7 682 447
stable	399 048	47 500	78 021	44 900	69 900
	in %	in %	in %	in %	in %
extr.crit.	2.02	2.22	0.94	1.04	0.28
critical	56.87	58.46	57.01	56.94	63.39
fair	39.10	39.09	41.67	41.80	36.00
stable	2.01	0.23	0.38	0.21	0.33
Total	100.00	100.00	100.00	100.00	100.00

## 6.4.4 Industrial Minerals / Industrieminerale

### Asbestos

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	190 380	182 041	100 000	202 000	110 000
critical	2 026 879	1 792 120	1 633 132	1 739 625	1 697 325
fair	251 500	260 900	498 700	477 600	410 100
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	7.71	8.14	4.48	8.35	4.96
critical	82.10	80.18	73.17	71.91	76.54
fair	10.19	11.67	22.34	19.74	18.49
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Baryte

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	45 986	66 100	372 694	364 455	86 820
critical	6 763 736	6 933 946	7 319 448	6 639 435	7 344 193
fair	905 765	864 757	1 134 927	967 667	1 326 859
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.60	0.84	4.22	4.57	0.99
critical	87.66	88.16	82.92	83.29	83.86
fair	11.74	11.00	12.86	12.14	15.15
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Bentonite

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	29 200	35 053	205 372	220 356	33 527
critical	5 572 670	5 851 802	6 097 896	6 252 241	6 811 229
fair	8 076 420	7 844 039	8 523 453	8 879 251	8 291 401
stable	10 050	0	3 028	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.21	0.26	1.38	1.44	0.22
critical	40.71	42.62	41.12	40.73	45.00
fair	59.00	57.13	57.48	57.84	54.78
stable	0.07	0.00	0.02	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Boron

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	1 385	1 603	0
critical	1 537 621	1 467 184	856 024	891 131	1 684 705
fair	1 804 191	1 690 683	2 192 180	2 377 507	1 770 999
stable	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	0.05	0.05	0.00
critical	46.01	46.46	28.07	27.25	48.75
fair	53.99	53.54	71.88	72.70	51.25
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Diamonds (Gem)

Estimate	2004 ct	2005 ct	2006 ct	2007 ct	2008 ct
extr.crit.	5 259 936	6 319 778	6 747 648	7 300 810	7 275 334
critical	33 470 800	37 496 609	31 825 873	32 801 632	35 977 830
fair	41 034 779	44 591 498	60 889 078	60 419 101	48 498 174
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	6.59	7.15	6.78	7.26	7.93
critical	41.96	42.41	32.00	32.63	39.21
fair	51.44	50.44	61.22	60.11	52.86
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Diamonds (Ind)

Estimate	2004 ct	2005 ct	2006 ct	2007 ct	2008 ct
extr.crit.	20 095 518	24 246 923	23 437 593	23 633 414	18 244 561
critical	22 880 101	26 904 402	18 040 228	17 636 287	24 662 658
fair	20 193 306	26 155 108	34 674 716	27 870 692	18 118 616
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	31.81	31.36	30.78	34.18	29.90
critical	36.22	34.80	23.69	25.51	40.41
fair	31.97	33.83	45.53	40.31	29.69
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Diatomite

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	420	1 930	1 930	430
critical	511 562	519 399	515 109	537 235	685 677
fair	826 513	854 068	1 074 479	933 484	926 293
stable	19 332	3 236	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.03	0.12	0.13	0.03
critical	37.69	37.72	32.37	36.48	42.53
fair	60.89	62.02	67.51	63.39	57.45
stable	1.42	0.23	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Feldspar

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	159 973	238 824	488 775	491 840	174 838
critical	6 707 660	7 677 014	8 186 406	8 636 020	10 049 388
fair	10 104 366	11 410 857	12 086 783	13 289 646	12 148 656
stable	195 353	262 383	43 187	48 980	107 250
	in %	in %	in %	in %	in %
extr.crit.	0.93	1.22	2.35	2.19	0.78
critical	39.07	39.19	39.35	38.44	44.70
fair	58.86	58.25	58.10	59.15	54.04
stable	1.14	1.34	0.21	0.22	0.48
Total	100.00	100.00	100.00	100.00	100.00

## Fluorspar

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	87 866	88 880	157 070	147 300	1 800
critical	4 329 720	4 360 186	4 196 555	4 550 168	5 466 021
fair	747 089	803 843	1 076 757	1 079 506	605 820
stable	0	0	0	0	0

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
extr.crit.	1.70	1.69	2.89	2.55	0.03
critical	83.83	83.01	77.28	78.76	90.00
fair	14.47	15.30	19.83	18.69	9.97
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Graphite

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	10 267	9 431	5 756	16 193	16 600
critical	537 002	634 913	721 477	1 022 611	1 050 486
fair	23 887	23 263	34 475	58 952	53 073
stable	6 000	7 000	0	0	4 100
	in %	in %	in %	in %	in %
extr.crit.	1.78	1.40	0.76	1.48	1.48
critical	93.04	94.12	94.72	93.15	93.44
fair	4.14	3.45	4.53	5.37	4.72
stable	1.04	1.04	0.00	0.00	0.36
Total	100.00	100.00	100.00	100.00	100.00

## Guano

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	150	209	254
critical	50	140	0	0	0
fair	640	630	610	600	600
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	19.74	25.83	29.74
critical	7.25	18.18	0.00	0.00	0.00
fair	92.75	81.82	80.26	74.17	70.26
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Gypsum and Anhydrite

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	1 235 077	1 628 133	17 231 000	17 673 239	1 890 274
critical	79 144 294	77 020 454	67 581 581	67 479 336	102 793 148
fair	58 256 285	62 176 212	70 305 361	66 077 811	39 501 624
stable	300 000	300 000	504 198	300 000	1 087 259
	in %	in %	in %	in %	in %
extr.crit.	0.89	1.15	11.07	11.66	1.30
critical	56.96	54.58	43.43	44.53	70.76
fair	41.93	44.06	45.18	43.61	27.19
stable	0.22	0.21	0.32	0.20	0.75
Total	100.00	100.00	100.00	100.00	100.00

## Kaolin

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	564 116	575 641	983 696	914 232	213 491
critical	7 447 593	7 828 192	7 465 429	7 409 228	10 147 352
fair	18 272 911	18 656 818	17 898 092	17 651 957	16 076 699
stable	15 250	0	14 864	0	16 460
	in %	in %	in %	in %	in %
extr.crit.	2.14	2.13	3.73	3.52	0.81
critical	28.32	28.93	28.32	28.52	38.36
fair	69.48	68.94	67.89	67.96	60.77
stable	0.06	0.00	0.06	0.00	0.06
Total	100.00	100.00	100.00	100.00	100.00

## Magnesite

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	17 323	14 393	120 100	126 115	19 416
critical	14 399 706	13 313 602	13 064 892	13 357 546	16 016 468
fair	3 468 387	4 078 624	4 051 940	4 977 883	3 534 046
stable	0	0	0	0	837 476

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



	in %	in %	in %	in %	in %
extr.crit.	0.10	0.08	0.70	0.68	0.10
critical	80.51	76.49	75.80	72.35	78.48
fair	19.39	23.43	23.51	26.96	17.32
stable	0.00	0.00	0.00	0.00	4.10
Total	100.00	100.00	100.00	100.00	100.00

## Perlite

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	34 000	34 515	4 593
critical	462 087	410 603	328 719	294 405	315 432
fair	1 899 488	1 910 839	1 844 275	1 681 484	1 720 835
stable	5 600	0	3 552	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	1.54	1.72	0.23
critical	19.52	17.69	14.87	14.64	15.46
fair	80.24	82.31	83.43	83.64	84.32
stable	0.24	0.00	0.16	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Phosphate

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	936 640	380 294	94 763	107 227	907 891
critical	31 906 247	33 195 064	32 292 612	34 337 436	36 364 871
fair	13 734 097	13 644 010	12 909 173	13 023 599	12 596 712
stable	268 000	263 356	274 535	265 920	280 800
	in %	in %	in %	in %	in %
extr.crit.	2.00	0.80	0.21	0.22	1.81
critical	68.11	69.91	70.86	71.93	72.51
fair	29.32	28.73	28.33	27.28	25.12
stable	0.57	0.55	0.60	0.56	0.56
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Potash

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	2 251 379	0	0	0	2 169 316
critical	12 947 540	11 629 850	10 534 000	12 613 269	10 841 034
fair	17 502 419	21 996 014	19 266 638	22 257 992	20 959 795
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	6.88	0.00	0.00	0.00	6.39
critical	39.59	34.59	35.35	36.17	31.91
fair	53.52	65.41	64.65	63.83	61.70
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Salt

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	3 052 298	3 686 573	6 467 327	5 894 343	3 982 599
critical	89 535 149	95 799 713	107 267 752	107 073 988	115 180 950
fair	135 859 372	138 963 017	141 626 812	138 903 901	127 581 522
stable	590 610	549 600	612 500	351 500	879 961
	in %	in %	in %	in %	in %
extr.crit.	1.33	1.54	2.53	2.34	1.61
critical	39.09	40.08	41.91	42.45	46.51
fair	59.32	58.14	55.33	55.07	51.52
stable	0.26	0.23	0.24	0.14	0.36
Total	100.00	100.00	100.00	100.00	100.00

## Sulfur

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	535 859	525 859	1 594 748	1 607 710	153 000
critical	24 476 838	25 635 549	23 748 984	24 490 566	26 776 400
fair	29 788 339	29 693 336	32 194 663	32 992 452	30 882 773
stable	797 220	688 150	595 493	645 000	838 316

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
extr.crit.	0.96	0.93	2.74	2.69	0.26
critical	44.02	45.34	40.85	41.00	45.65
fair	53.58	52.51	55.38	55.23	52.66
stable	1.43	1.22	1.02	1.08	1.43
Total	100.00	100.00	100.00	100.00	100.00

## Talc

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	20 000	22 732	84 391	94 043	24 040
critical	4 636 136	4 714 161	4 659 474	4 536 950	4 303 685
fair	3 161 046	3 230 172	3 106 210	3 116 154	2 736 238
stable	564 943	542 169	601 354	535 882	734 577
	in %	in %	in %	in %	in %
extr.crit.	0.24	0.27	1.00	1.14	0.31
critical	55.31	55.40	55.13	54.77	55.19
fair	37.71	37.96	36.75	37.62	35.09
stable	6.74	6.37	7.12	6.47	9.42
Total	100.00	100.00	100.00	100.00	100.00

## Vermiculite

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	16 000	23 045	0	13 000	13 000
critical	309 151	332 905	141 110	65 641	327 575
fair	105 300	120 200	314 385	376 626	122 998
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	3.72	4.84	0.00	2.86	2.80
critical	71.82	69.92	30.98	14.42	70.66
fair	24.46	25.24	69.02	82.73	26.53
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Zirconium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	23 587	8 321	381	1 447
critical	533 258	561 790	219 500	191 823	629 800
fair	617 886	594 954	1 051 090	1 156 193	672 984
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	2.00	0.65	0.03	0.11
critical	46.32	47.60	17.16	14.23	48.29
fair	53.68	50.41	82.19	85.75	51.60
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## 6.4.5 Mineral Fuels / Energierohstoffe

### Steam Coal

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	174 547 000	202 107 040	72 768 200	83 122 000	87 307 000
critical	2 613 913 800	2 820 701 966	2 805 865 298	2 920 238 846	3 498 754 895
fair	1 242 829 322	1 267 413 269	1 621 343 484	1 682 524 366	1 510 092 140
stable	5 354 000	1 620 000	2 832 000	0	3 926 000
	in %	in %	in %	in %	in %
extr.crit.	4.32	4.71	1.62	1.77	1.71
critical	64.75	65.72	62.31	62.32	68.60
fair	30.79	29.53	36.01	35.91	29.61
stable	0.13	0.04	0.06	0.00	0.08
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Coking Coal

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	1 176 000	1 204 000	1 578 531	2 229 000	2 062 000
critical	351 129 000	399 104 000	443 179 000	468 685 000	548 366 000
fair	228 409 000	241 483 000	245 445 000	289 292 400	277 440 000
stable	2 470 000	0	2 766 000	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.20	0.19	0.23	0.29	0.25
critical	60.21	62.19	63.95	61.65	66.24
fair	39.17	37.63	35.42	38.05	33.51
stable	0.42	0.00	0.40	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Lignite

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	2 724 500	3 027 289	3 428 963	3 316 372	344 300
critical	284 297 066	293 414 410	260 665 000	256 637 515	264 180 312
fair	638 445 785	628 231 841	628 253 787	629 585 346	624 808 747
stable	239 000	0	251 000	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.29	0.33	0.38	0.37	0.04
critical	30.71	31.73	29.20	28.85	29.71
fair	68.97	67.94	70.38	70.78	70.26
stable	0.03	0.00	0.03	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Natural Gas

Estimate	2004 Mio m <sup>3</sup>	2005 Mio m <sup>3</sup>	2006 Mio m <sup>3</sup>	2007 Mio m <sup>3</sup>	2008 Mio m <sup>3</sup>
extr.crit.	165 312	219 405	256 337	266 701	114 408
critical	1 258 128	1 316 855	1 275 205	1 280 889	1 325 365
fair	1 189 961	1 182 888	1 379 022	1 454 988	1 416 964
stable	95 700	100 400	3 600	0	101 243

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

	in %	in %	in %	in %	in %
extr.crit.	6.10	7.78	8.80	8.88	3.87
critical	46.44	46.70	43.76	42.66	44.81
fair	43.92	41.95	47.32	48.46	47.90
stable	3.53	3.56	0.12	0.00	3.42
Total	100.00	100.00	100.00	100.00	100.00

## Oil

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	369 411 099	343 868 380	505 132 860	502 017 684	305 292 332
critical	2 154 576 344	2 292 624 946	2 055 552 363	2 039 555 878	2 300 789 024
fair	1 051 177 331	1 034 002 571	1 275 886 133	1 267 200 665	1 115 149 189
stable	158 013 600	148 000 000	819 000	0	115 361 639
	in %	in %	in %	in %	in %
extr.crit.	9.90	9.01	13.16	13.18	7.96
critical	57.71	60.04	53.57	53.55	59.97
fair	28.16	27.08	33.25	33.27	29.07
stable	4.23	3.88	0.02	0.00	3.01
Total	100.00	100.00	100.00	100.00	100.00

## Oil Sands

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	0	0	0
critical	28 794 444	28 968 254	34 761 905	35 000 000	35 000 000
fair	57 588 889	57 415 079	58 782 630	62 538 041	52 367 280
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	0.00	0.00	0.00
critical	33.33	33.53	37.16	35.88	40.06
fair	66.67	66.47	62.84	64.12	59.94
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Oil Shales

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	0	0	0	0	0
critical	1 300 000	1 200 000	1 200 000	1 200 000	1 200 000
fair	11 623 136	11 614 585	12 309 894	14 325 226	16 404 820
stable	0	0	0	0	3
	in %	in %	in %	in %	in %
extr.crit.	0.00	0.00	0.00	0.00	0.00
critical	10.06	9.36	8.88	7.73	6.82
fair	89.94	90.64	91.12	92.27	93.18
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

## Uranium

Estimate	2004 metr.t.	2005 metr.t.	2006 metr.t.	2007 metr.t.	2008 metr.t.
extr.crit.	2 430	2 765	2 718	2 789	53
critical	15 372	15 408	10 156	9 253	13 813
fair	27 526	28 526	30 955	34 953	34 777
stable	0	0	0	0	0
	in %	in %	in %	in %	in %
extr.crit.	5.36	5.92	6.20	5.93	0.11
critical	33.91	32.99	23.17	19.69	28.40
fair	60.73	61.08	70.63	74.38	71.49
stable	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00

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

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen





## 6.5 Production of Mineral Raw Materials of individual Countries, by Minerals

### Produktion mineralischer Rohstoffe der einzelnen Länder, nach Rohstoffen

#### 6.5.1 Iron and Ferro-Alloy Metals / Eisen und Stahlveredler

##### Iron

Country	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Albania	4 400	4 300	3 600	3 600	4 766	1b
Algeria	763 560	828 900	1 263 600	1 070 335	1 121 580	1a
Argentina	0	0	0	55 705	141 855	1a
Australia	145 501 650	164 710 350	173 276 460	188 408 430	214 889 850	1e
Austria	604 614	665 344	669 438	688 904	650 455	1e
Azerbaijan	19 100	7 300	11 300	24 615	25 000	2n
Bosnia-Herzegovina	130 000	1 390 000	1 513 000	1 295 000	749 460	1a
Brazil	163 763 000	163 347 960	184 324 000	205 710 920	213 904 000	1s
Bulgaria	36 400	16 940	0	0	0	1a
Canada	17 159 910	17 289 230	20 797 340	20 226 380	20 640 180	2e
Chile	4 882 135	4 795 820	5 263 200	5 378 797	5 682 504	1e
China	99 233 536	134 557 660	188 160 000	226 240 000	263 680 000	1b
Colombia	346 975	224 380	289 807	280 769	213 873	1a
DPR Korea	1 300 000	1 400 000	1 400 000	1 400 000	1 200 000	2s
Egypt	760 000	800 000	820 000	720 000	814 773	1s
Germany, Federal Rep.	57 700	37 796	43 680	44 300	47 785	1a
Guatemala	1 807	7 211	3 083	13 023	190	1s
India	93 402 880	105 747 200	115 786 880	130 678 400	146 431 180	1s
Indonesia	46 100	18 642	50 924	35 356	30 000	2n
Iran	7 959 000	9 162 000	10 154 015	16 640 000	17 000 000	2n
Japan	1 200	1 100	1 000	1 000	900	2n
Kazakhstan	11 369 680	10 903 760	12 467 280	15 492 165	13 966 095	1a
Korea, Republic of	127 000	119 000	125 090	159 941	204 894	1s
Malaysia	663 732	598 251	420 262	505 279	618 617	1e
Mauritania	6 900 000	7 000 000	7 250 000	8 034 000	7 129 200	1s
Mexico	6 889 500	7 012 300	6 589 600	7 323 100	6 700 000	2e
Mongolia	21 000	109 000	117 000	172 315	832 440	1a
Morocco	5 300	4 228	4 585	4 680	4 680	1b
New Zealand	1 348 453	1 277 729	1 242 564	997 831	1 171 732	1s
Nigeria	5 426	5 426	5 643	5 760	5 760	2s
Norway	573 000	448 000	396 800	403 200	477 440	1e
Pakistan	25 000	33 000	49 000	48 000	49 900	2s
Peru	2 823 552	3 034 530	3 177 900	3 215 266	3 494 728	1e
Portugal	4 200	4 100	0	0	0	1a
Romania	99 776	48 500	46 700	10 922	0	1a
Russia (Asia)	8 976 000	8 882 500	9 690 000	9 775 000	9 340 650	1s

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Russia (Europe)	43 824 000	43 367 500	47 310 000	47 932 500	45 604 350	1s
Saudi Arabia	268 200	280 000	290 000	219 000	209 160	1a
Slovakia	385 000	258 500	240 000	191 800	237 433	1e
South Africa, Rep. of	26 000 000	25 702 347	26 891 150	27 353 950	31 838 650	1s
Spain	10 879	0	0	0	0	1a
Sweden	14 700 000	14 720 000	14 800 000	15 816 960	15 116 800	1e
Thailand	68 000	143 186	132 000	892 000	1 060 045	1s
Tunisia	128 000	135 000	129 600	97 200	58 482	1s
Turkey	2 265 716	2 529 027	2 081 816	1 946 400	2 673 374	1s
Ukraine	39 600 000	41 673 600	44 400 000	46 740 000	46 302 256	1s
United Kingdom	275	195	188	165	145	1e
United States	34 083 000	34 650 000	33 201 000	32 760 000	33 769 000	1a
Uruguay	9 319	12 435	15 525	19 275	15 525	1b
Venezuela	12 477 550	13 766 000	14 365 000	13 422 500	13 000 000	2s
Zimbabwe	172 200	134 537	62 600	62 400	62 400	2s
Total	749 797 725	821 864 784	929 332 630	1 032 517 143	1 121 172 107	

## Chromium

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Afghanistan	2 900	3 000	3 200	2 856	2 856	1t
Albania	66 525	81 060	84 470	135 899	97 848	1t
Australia	103 735	94 327	100 654	98 826	87 676	1t
Brazil	265 294	288 250	257 366	243 995	307 035	1t
China	89 700	85 800	85 100	85 100	85 800	1t
Cuba	16 570	5 744	1 968	0	0	1e
Finland	231 912	228 441	219 485	278 050	306 772	1t
Greece	753	709	696	672	670	2n
India	1 356 514	1 497 375	1 656 184	1 527 200	1 794 000	1t
Iran	78 764	96 132	105 179	79 877	100 355	1e
Kazakhstan	1 414 700	1 539 934	1 447 414	1 585 496	1 560 470	1t
Madagascar	37 919	69 015	64 844	59 907	41 160	1t
Myanmar	160	180	170	170	170	2n
Oman	10 640	20 160	28 200	135 188	325 468	1t
Pakistan	51 800	59 373	79 600	129 400	128 000	1t
Philippines	28 000	24 170	34 060	88 592	138 280	1t
Russia (Europe)	144 090	347 400	434 743	349 506	410 850	1t
South Africa, Rep. of	3 216 213	3 187 409	3 020 723	3 836 945	4 077 853	1t
Sudan	12 480	10 394	13 811	7 428	15 307	1t
Turkey	212 697	360 666	445 158	705 151	791 999	1t
United Arab Emirates	2 481	0	0	6 650	12 023	2t
Viet Nam	89 658	36 301	33 597	47 762	25 705	1t
Zimbabwe	279 571	368 956	320 809	298 617	218 017	1t
Total	7 713 076	8 404 796	8 437 431	9 703 287	10 528 314	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Cobalt

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	5 600	5 600	6 000	4 740	3 617	2q
Botswana	223	326	303	242	337	2q
Brazil	4 300	4 300	4 300	4 300	4 300	2s
Canada	5 060	5 090	5 198	5 620	5 605	1e
China	1 253	2 104	1 840	2 000	6 000	1q
Congo,D.R.	20 200	24 500	27 100	25 300	31 000	2q
Cuba	3 979	3 768	4 150	3 977	3 428	1e
Indonesia	650	650	650	650	650	2s
Morocco	1 593	1 613	1 405	1 591	2 020	1e
New Caledonia	2 726	1 769	1 900	1 920	1 940	2q
Russia (Asia)	3 619	3 798	3 807	2 870	2 003	2q
Russia (Europe)	905	950	952	717	500	2q
South Africa, Rep. of	329	268	267	293	244	2q
Uganda	457	638	689	698	663	2b
Zambia	5 791	5 472	4 665	4 413	3 841	2q
Zimbabwe	59	304	26	29	28	2q
Total	56 744	61 150	63 252	59 360	66 176	

## Manganese

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	1 584 000	1 876 800	2 191 200	2 539 200	2 304 400	1e
Bosnia-Herzegovina	500	500	400	500	500	2n
Brazil	1 705 905	1 839 716	1 251 200	746 400	1 284 000	1s
Bulgaria	12 300	11 358	6 048	8 230	8 195	1a
Chile	7 740	11 936	11 150	8 043	1 529	1e
China	2 000 000	2 400 000	2 200 000	2 800 000	2 200 000	1b
Cote d'Ivoire	0	0	28 415	40 425	74 060	2s
Egypt	18 580	9 188	6 600	5 200	2 928	1s
Gabon	1 229 585	1 376 493	1 489 486	1 650 000	1 625 000	1s
Georgia	63 300	75 540	97 993	99 000	99 000	2n
Ghana	558 980	601 856	552 344	410 720	381 543	1s
Hungary	13 100	13 700	14 000	13 454	13 386	1s
India	906 830	724 414	814 320	939 685	994 080	1s
Iran	45 579	48 000	49 000	50 000	41 293	1e
Italy	714	632	0	0	0	1e
Kazakhstan	1 113 600	1 070 400	1 209 600	1 191 360	1 192 800	1a
Malaysia	0	0	3 120	27 120	257 604	1e
Mexico	135 893	132 900	124 400	152 400	171 773	1s
Morocco	4 500	5 635	5 500	20 800	51 143	1e
Namibia	0	7 320	18 918	22 850	14 119	1s
Romania	16 617	18 000	13 673	10 511	8 904	1a
Russia (Asia)	4 400	4 400	4 400	4 400	4 400	2n

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Russia (Europe)	17 600	17 600	17 600	17 600	17 600	3n
South Africa, Rep. of	1 876 495	2 023 687	2 288 511	2 632 164	2 991 002	1s
Thailand	2 184	42 480	480	4 560	53 280	1s
Turkey	4 813	1 663	12 250	12 000	12 000	2n
Ukraine	810 000	770 000	820 000	840 000	910 000	2s
Total	12 133 215	13 084 218	13 230 608	14 246 622	14 714 539	

## Molybdenum

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Armenia	2 950	3 030	3 900	4 080	4 100	1q
Canada	9 519	7 935	7 723	6 681	9 150	1e
Chile	41 883	47 748	43 584	44 912	33 686	1e
China	38 500	40 000	43 900	59 800	59 800	2q
Iran	1 800	2 000	2 200	2 500	2 500	2n
Kazakhstan	240	240	250	250	250	2n
Kyrgystan	250	250	250	250	250	2s
Mexico	3 731	4 245	2 500	6 500	7 812	1s
Mongolia	1 141	1 153	1 404	1 978	1 881	1a
Peru	14 246	17 325	17 209	16 787	16 721	1e
Russia (Asia)	2 984	2 880	2 880	3 168	3 360	2q
Russia (Europe)	116	120	120	132	140	2q
United States	41 500	58 000	59 800	57 000	55 893	1a
Uzbekistan	500	577	600	600	600	1q
Total	159 360	185 503	186 320	204 638	196 143	

## Nickel

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	187 000	189 000	185 000	183 000	202 000	1e
Botswana	22 300	28 200	26 800	22 844	22 900	2q
Brazil	44 900	36 600	42 600	38 400	38 400	2q
Canada	186 700	199 900	232 900	254 800	259 588	1e
China	75 600	72 700	68 900	70 200	71 000	1q
Colombia	75 100	89 000	94 100	100 500	77 000	2q
Cuba	71 900	73 800	73 400	73 900	67 300	1e
Dominican Republic	29 500	28 700	29 700	29 100	18 800	1q
Finland	3 400	3 400	3 000	3 600	4 000	2q
Greece	18 116	23 000	18 224	18 668	16 620	1e
Indonesia	142 700	150 000	150 000	188 400	180 300	2q
Kazakhstan	0	500	1 000	1 200	1 600	2q
Macedonia	4 900	7 800	10 900	15 000	15 000	1q
Morocco	100	100	100	100	100	1q
New Caledonia	119 200	111 900	103 000	125 211	102 000	2q

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Norway	181	342	362	400	400	2q
Philippines	17 000	25 902	64 705	91 400	83 900	2q
Poland	1 900	700	700	600	530	1a
Russia (Asia)	283 500	283 500	288 000	251 800	249 300	2q
Russia (Europe)	31 500	31 500	32 000	28 000	27 700	2q
South Africa, Rep. of	39 900	42 392	41 756	37 889	31 700	2q
Spain	0	5 380	6 398	6 630	8 136	1a
Turkey	0	700	1 900	6 000	8 100	2q
Venezuela	17 400	16 900	16 600	15 700	10 900	2q
Zimbabwe	9 800	9 300	8 800	8 600	6 400	2q
Total	1 382 597	1 431 216	1 500 845	1 571 942	1 503 674	

## Tantalum-Columbium

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	350	340	330	435	680	1e
Bolivia	11	4	3	2	2	2n
Brazil	39 296	56 287	68 850	81 922	82 000	2n
Burundi	10	17	6	19	33	1b
Canada	3 450	3 704	4 157	4 368	4 432	2e
Congo,D.R.	37	61	26	132	186	2b
Ethiopia	52	68	81	89	93	1a
Mozambique	256	101	34	70	138	2b
Nigeria	40	35	40	70	60	2n
Rwanda	117	148	100	242	298	1s
Zimbabwe	4	0	0	0	0	1s
Total	43 623	60 765	73 627	87 349	87 922	

## Titanium

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	1 219 000	1 294 000	1 529 000	1 599 000	1 470 000	1e
Brazil	91 360	95 000	97 000	95 600	73 150	1s
Canada	1 155 000	1 155 000	1 320 000	1 350 000	1 123 100	1e
China	462 000	558 000	715 000	715 000	715 000	2n
Egypt	66 000	60 000	66 000	59 400	48 400	2n
India	347 613	391 513	361 613	401 500	413 600	1s
Kazakhstan	12 000	12 500	13 500	15 700	15 700	2n
Korea, Republic of	78 387	81 865	93 591	100 855	117 556	2s
Malaysia	33 809	21 007	25 107	32 621	20 230	1e
Norway	387 500	310 000	374 000	374 000	402 568	1e
Russia (Europe)	27 000	28 000	30 000	34 200	35 200	2n
Sierra Leone	0	0	71 000	84 010	52 894	1s
South Africa, Rep. of	1 130 000	1 100 000	1 000 000	1 208 000	1 269 400	1s

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Sri Lanka	34 000	36 303	37 000	38 900	33 126	1s
Ukraine	330 000	302 500	330 000	330 000	385 000	2s
United States	500 000	400 000	360 000	300 000	300 000	1a
Viet Nam	241 540	210 548	227 448	253 240	350 250	2s
Total	6 115 209	6 056 236	6 650 259	6 992 026	6 825 174	

## Tungsten

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	12	7	15	30	11	2s
Austria	1 335	1 280	1 153	1 117	1 122	1e
Bolivia	508	669	1 094	1 395	1 150	1s
Brazil	262	458	525	537	550	2s
Burundi	8	94	238	144	194	1b
Canada	0	700	2 561	2 700	2 608	2e
China	59 900	51 200	45 000	41 000	43 500	2s
Congo,D.R.	22	180	500	580	340	1b
DPR Korea	600	600	600	600	600	2s
Kazakhstan	120	110	50	100	100	2n
Kyrgystan	100	100	100	100	100	2n
Mongolia	53	53	126	159	97	1a
Myanmar	107	168	197	183	180	2n
Peru	0	0	50	348	350	2n
Portugal	746	816	780	846	900	1a
Russia (Asia)	2 380	2 465	2 465	2 720	2 720	2s
Russia (Europe)	420	435	435	480	480	2s
Rwanda	90	318	820	1 534	1 354	1s
Spain	0	0	0	0	245	2s
Thailand	337	622	546	823	582	1s
Uganda	27	45	95	75	70	2n
Uzbekistan	300	300	300	300	300	2q
Total	67 327	60 620	57 650	55 771	57 553	

## Vanadium

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
China	10 000	16 000	18 000	19 000	18 500	2s
Kazakhstan	1 000	1 100	1 200	1 000	1 000	2s
Russia (Europe)	10 900	15 100	18 000	17 500	14 500	2b
South Africa, Rep. of	23 303	22 604	23 780	23 486	20 295	1s
United States	1 900	1 500	1 300	1 300	1 000	2n
Total	47 103	56 304	62 280	62 286	55 295	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## 6.5.2 Non-Ferrous Metals / Nichteisenmetalle

### Aluminium

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Argentina	272 100	270 700	287 382	298 159	393 700	1q
Australia	1 895 000	1 903 000	1 932 000	1 960 000	1 974 000	1e
Azerbaijan	29 500	31 800	31 900	39 200	61 600	2q
Bahrain	528 700	744 100	872 000	873 000	865 000	2b
Bosnia-Herzegovina	121 294	131 200	136 200	147 200	160 500	2q
Brazil	1 457 400	1 499 600	1 765 821	1 654 800	1 661 100	2q
Cameroon	85 900	86 400	88 400	87 000	89 700	2q
Canada	2 592 200	2 984 200	3 051 100	3 082 600	3 120 148	1e
China	6 688 800	7 806 000	9 385 400	12 558 600	13 176 600	1q
Egypt	216 000	243 800	252 300	258 300	259 200	2q
France	446 900	437 900	442 100	427 800	431 600	2q
Germany, Federal Rep.	667 800	647 934	515 539	551 030	605 876	1a
Ghana	0	13 400	75 800	12 900	9 300	1q
Greece	166 634	165 300	164 528	167 937	162 339	1e
Hungary	34 300	31 000	300	0	0	2q
Iceland	271 300	272 400	328 424	398 500	760 400	2q
India	860 900	942 400	1 105 100	1 221 800	1 307 500	2q
Indonesia	240 800	252 300	250 300	242 100	242 500	2q
Iran	203 200	232 000	205 467	203 600	248 000	2q
Italy	195 400	192 900	194 200	179 500	186 400	2q
Japan	6 400	6 400	6 400	6 000	6 600	2q
Kosovo	0	0	0	0	13 000	2q
Montenegro	0	0	0	135 200	107 457	1b
Mozambique	547 100	553 700	562 800	559 900	536 000	1q
Netherlands	327 000	333 800	312 300	296 900	320 000	1e
New Zealand	350 400	351 400	353 300	351 100	315 500	2q
Norway	1 321 700	1 391 000	1 383 000	1 362 000	1 368 000	2q
Poland	58 900	53 600	55 900	57 600	46 700	2q
Romania	222 300	243 600	258 300	286 300	289 700	2q
Russia (Asia)	359 470	364 710	317 790	395 542	380 000	2q
Russia (Europe)	3 235 230	3 282 390	2 860 110	3 559 875	3 420 000	2q
Serbia and Montenegro	115 100	117 000	121 800	0	0	--
Slovakia	156 900	159 200	157 300	160 500	162 995	1e
Slovenia	120 700	138 000	139 600	160 461	83 300	1q
South Africa, Rep. of	863 600	846 213	895 000	899 000	811 000	2q
Spain	397 500	394 200	367 400	405 100	405 000	2q
Sweden	100 600	102 107	101 700	99 800	81 900	1e
Switzerland	44 538	44 800	12 000	0	0	1e
Tajikistan	258 100	379 600	413 800	419 100	399 500	2q
Turkey	62 400	59 000	60 000	63 400	60 400	2q
Ukraine	113 200	114 200	113 000	113 400	86 100	2q
United Arab Emirates	683 000	724 600	789 300	889 500	891 700	1s
United Kingdom	359 600	368 477	360 300	364 595	316 000	1e

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

United States	2 516 400	2 481 000	2 283 100	2 554 000	2 658 300	1q
Venezuela	631 100	630 000	617 100	615 700	607 800	2q
Total	29 825 366	32 027 331	33 625 561	38 118 999	39 082 415	

## Antimony

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	120	120	1 600	2 000	1 000	2q
Bolivia	3 036	5 204	5 460	3 881	3 500	2b
Canada	105	79	269	193	116	1e
China	128 433	151 457	156 200	163 000	183 000	1q
Guatemala	2 686	1 007	0	4 000	0	1a
Kyrgystan	1 504	1 600	1 500	1 500	1 500	2q
Mexico	503	600	800	414	380	2q
Pakistan	0	5	91	119	100	2q
Peru	532	807	824	829	584	2q
Russia (Asia)	3 000	3 000	3 000	3 000	3 000	2q
South Africa, Rep. of	4 967	5 979	4 362	3 354	3 500	2q
Tajikistan	4 069	4 073	3 480	3 480	3 500	2q
Thailand	61	415	1 639	0	0	2q
Turkey	357	1 163	1 037	1 200	1 300	2q
Total	149 373	175 509	180 262	186 970	201 480	

## Arsenic

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Bolivia	168	120	90	0	0	2s
Chile	11 000	10 000	9 800	11 400	10 000	1b
China	30 000	30 000	30 000	25 000	25 000	2s
Iran	124	150	170	100	100	2b
Japan	40	40	40	40	40	2s
Kazakhstan	1 500	1 500	1 500	0	0	1a
Mexico	1 892	1 700	1 600	500	500	2e
Morocco	6 866	8 939	10 649	9 585	8 985	1a
Namibia	1 264	29	0	610	574	1s
Peru	3 037	3 150	4 399	4 321	5 822	2s
Philippines	830	820	700	700	600	2n
Russia (Asia)	1 500	1 500	1 800	1 500	1 500	2b
Total	58 221	57 948	60 748	53 756	53 121	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## Bauxite

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	56 593 000	59 469 000	62 307 000	62 428 000	63 789 000	1e
Bosnia-Herzegovina	916 900	1 031 600	854 000	800 500	860 000	2q
Brazil	20 958 800	20 307 400	22 836 300	24 754 000	28 097 500	2q
China	17 518 000	17 408 200	18 981 000	20 446 000	21 600 000	1q
Colombia	480	460	400	0	0	1a
Croatia	1 482	500	600	101	500	1a
France	170 000	170 000	160 000	160 000	160 000	2q
Ghana	585 600	726 600	885 800	748 200	694 000	1q
Greece	2 396 065	2 495 100	2 284 380	2 093 433	2 064 909	1e
Guinea	18 795 500	19 237 300	18 783 800	18 519 000	18 500 000	2q
Guyana	1 503 400	1 675 842	1 453 000	2 239 000	2 109 000	1e
Hungary	647 000	535 000	507 400	515 100	511 300	2q
India	11 284 900	12 385 400	13 940 200	20 298 000	19 737 000	2q
Indonesia	1 330 800	1 370 610	1 501 937	1 251 147	1 152 000	2b
Iran	366 000	437 595	500 000	500 000	520 000	2q
Jamaica	13 296 500	14 116 400	14 865 354	14 567 738	14 636 100	1q
Kazakhstan	4 705 400	4 815 000	4 884 000	4 962 600	5 160 000	2q
Malaysia	2 040	4 735	91 806	156 800	275 069	1e
Montenegro	0	0	0	667 100	671 800	2q
Mozambique	12 000	9 518	11 069	9 000	9 000	1b
Pakistan	4 800	6 500	6 829	19 005	36 000	2q
Russia (Europe)	6 017 600	6 409 300	6 399 200	6 503 000	6 000 000	2q
Serbia and Montenegro	610 000	672 300	659 400	0	0	--
Sierra Leone	0	0	1 001 000	1 100 000	945 100	2q
Suriname	4 087 108	4 756 998	4 945 400	5 273 195	5 333 000	1q
Turkey	365 836	356 480	771 227	863 404	900 000	2q
United States	259 900	121 200	361 000	128 742	89 600	1q
Venezuela	5 814 700	5 815 200	5 927 800	5 021 800	5 300 000	2q
Viet Nam	20 000	55 000	60 000	80 000	80 000	2q
Total	168 263 811	174 389 238	184 979 902	194 104 865	199 230 878	

## Bismuth

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Bolivia	62	44	155	147	150	1s
Canada	217	193	214	145	71	2e
China	2 000	2 000	1 800	3 500	5 000	1b
Japan	522	463	425	408	480	2s
Kazakhstan	150	140	160	140	125	2b
Mexico	1 014	1 000	1 200	1 200	1 132	2q
Peru	850	807	1 081	1 114	1 061	1s
Russia (Asia)	20	19	17	50	13	2b

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Tajikistan	2	3	4	0	0	1s
Uzbekistan	1	2	3	3	3	2n
Total	4 838	4 671	5 059	6 707	8 035	

## Cadmium

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Argentina	39	3	6	6	6	2q
Australia	469	429	425	460	330	2q
Brazil	187	200	200	200	200	2q
Bulgaria	356	319	320	318	376	1a
Canada	1 880	1 727	2 090	1 388	1 409	1e
China	4 528	4 074	3 791	4 215	4 300	1b
DPR Korea	200	200	200	200	200	2q
France	120	100	90	50	50	2q
Germany, Federal Rep.	500	490	490	475	420	2a
Honduras	29	27	0	0	0	1e
India	489	409	457	583	600	2q
Japan	2 232	2 297	2 286	1 939	2 126	2q
Kazakhstan	2 358	1 624	1 700	1 660	1 732	1a
Korea, Republic of	2 362	2 582	3 320	2 846	3 090	2q
Mexico	1 594	1 627	1 400	1 605	1 550	2q
Netherlands	493	494	524	495	530	2q
Norway	141	153	125	269	178	2q
Peru	532	481	416	347	371	1e
Poland	356	408	373	421	603	2q
Russia (Asia)	650	650	650	810	800	2q
United States	1 476	1 468	723	735	777	1a
Total	20 991	19 762	19 586	19 022	19 648	

## Copper

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Afghanistan	2 500	2 700	0	0	0	1s
Albania	600	1 700	400	1 300	1 000	2q
Argentina	177 100	187 317	180 144	180 223	156 893	2e
Armenia	17 700	16 400	17 726	17 427	17 800	2q
Australia	854 000	921 000	879 000	869 000	886 000	1e
Bolivia	576	35	218	606	600	2q
Botswana	21 200	26 700	24 300	20 000	23 100	2q
Brazil	103 153	133 325	147 800	205 700	215 800	2q
Bulgaria	79 600	94 500	118 300	118 700	107 195	1a
Canada	562 800	595 400	603 295	596 248	606 973	1e
Chile	5 412 500	5 320 500	5 360 800	5 557 000	5 330 300	1e

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

China	754 200	776 600	889 000	928 000	930 800	2q
Colombia	1 700	1 300	600	700	1 574	1a
Congo,D.R.	69 600	97 700	131 400	148 000	229 000	2q
Cyprus	1 334	0	900	3 012	2 986	1e
DPR Korea	12 000	12 000	12 000	12 000	12 000	2q
Ecuador	200	0	0	0	0	1e
Finland	15 500	15 000	13 000	13 600	13 300	2q
Georgia	11 800	9 500	9 300	11 000	11 000	2q
India	29 500	26 700	27 400	32 900	29 900	2q
Indonesia	841 600	1 064 200	816 600	788 900	650 000	2q
Iran	145 668	164 200	216 200	244 200	242 500	2q
Japan	1 000	1 000	300	0	1 000	2q
Kazakhstan	462 000	401 700	446 000	406 091	398 411	1a
Laos	1 700	30 500	60 800	62 500	89 000	2q
Macedonia	0	5 700	8 400	8 400	9 600	1q
Mauritania	0	0	5 000	28 800	33 100	2q
Mexico	352 300	373 300	327 500	335 500	268 600	2q
Mongolia	130 000	126 300	129 700	130 200	129 387	1a
Morocco	4 400	4 000	4 500	6 300	7 372	1e
Myanmar	31 800	34 500	19 500	15 100	6 900	2q
Namibia	11 200	10 157	6 300	7 616	8 800	2q
Pakistan	14 700	17 700	18 700	18 800	18 700	2q
Papua New Guinea	173 400	193 000	194 400	169 184	159 700	2q
Peru	1 035 600	1 009 898	1 049 900	1 190 281	1 267 867	1e
Philippines	16 000	16 300	17 700	22 862	21 200	2q
Poland	530 500	511 500	497 200	408 000	474 000	1a
Portugal	95 743	89 541	78 660	90 247	89 070	1a
Romania	20 400	16 300	12 100	2 213	4 325	1a
Russia (Asia)	441 000	448 000	472 500	483 000	493 500	2q
Russia (Europe)	189 000	192 000	202 500	207 000	211 500	2q
Saudi Arabia	652	668	700	737	1 465	1a
Serbia and Montenegro	13 800	11 600	11 100	0	0	--
Serbia, Rep. of	0	0	0	16 500	17 600	2q
Slovakia	93	65	0	0	0	1e
South Africa, Rep. of	120 577	103 907	109 000	117 000	108 000	2q
Spain	1 400	7 900	8 700	6 281	7 071	2q
Sweden	82 400	87 068	86 746	62 905	57 700	1e
Tanzania	4 200	3 700	3 300	3 200	2 500	2q
Turkey	49 300	54 100	46 400	81 000	83 300	2q
United States	1 160 000	1 140 000	1 220 000	1 170 000	1 310 000	2q
Uzbekistan	82 800	103 500	103 500	103 500	80 000	2q
Viet Nam	2 000	3 100	11 400	12 500	5 800	2q
Zambia	411 000	465 000	515 618	550 292	580 000	2q
Zimbabwe	2 300	2 570	2 600	2 700	2 800	2q
Total	14 556 096	14 931 351	15 119 107	15 467 225	15 416 989	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Gallium

Country	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
China	25	28	30	30	30	2n
Hungary	6	5	5	5	5	2n
Japan	4	5	6	5	5	2n
Total	35	38	41	40	40	

## Germanium

Country	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
China	15	20	22	25	30	2n
Russia (Asia)	3	3	2	2	2	2n
United States	15	5	5	5	5	2n
Total	33	28	29	32	37	

## Lead

Country	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Argentina	9 600	10 683	12 064	17 045	20 788	2e
Australia	674 000	767 000	668 000	641 000	645 000	2q
Bolivia	11 252	11 231	11 955	22 798	81 600	2q
Bosnia-Herzegovina	900	1 100	1 200	4 200	3 300	2q
Brazil	14 734	13 200	14 300	13 750	16 000	2q
Bulgaria	19 000	13 000	13 000	14 700	14 577	1a
Canada	76 700	79 300	83 096	75 100	98 973	1e
Chile	2 286	878	672	1 305	3 985	1e
China	997 200	1 023 000	1 331 000	1 402 000	1 546 300	1q
DPR Korea	20 000	20 000	25 000	35 000	35 000	2q
Greece	0	3 000	10 400	15 700	15 000	1q
Honduras	8 900	10 448	11 800	10 200	12 500	1q
India	51 300	60 400	69 200	77 500	86 300	2q
Iran	16 000	20 000	17 840	9 000	8 127	1b
Ireland	63 800	72 200	61 800	56 800	50 300	2q
Italy	800	800	800	800	800	2q
Japan	5 512	3 437	777	0	0	2q
Kazakhstan	33 000	31 000	48 000	40 200	39 000	2q
Korea, Republic of	40	57	0	0	0	2q
Kosovo	0	0	0	0	1 200	2q
Macedonia	0	0	9 300	29 200	40 400	1q
Mexico	110 900	121 700	120 500	89 800	101 000	1b
Morocco	44 200	45 800	41 300	42 200	29 651	1e

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Myanmar	2 000	2 000	2 000	2 000	3 000	2q
Namibia	14 300	14 320	11 800	10 500	14 000	2q
Peru	306 200	319 345	313 300	329 154	345 109	1e
Poland	52 700	50 900	50 000	52 000	62 200	1a
Portugal	0	0	0	0	1 000	2q
Romania	18 300	11 610	6 300	784	0	2q
Russia (Asia)	22 272	34 944	32 640	46 080	57 600	2q
Russia (Europe)	928	1 456	1 360	1 920	2 400	2q
Serbia and Montenegro	900	2 000	7 000	0	0	--
Serbia, Rep. of	0	0	0	1 600	400	2q
South Africa, Rep. of	37 500	42 159	48 300	41 900	46 400	2q
Sweden	54 347	60 445	55 644	63 224	63 500	1e
Tajikistan	0	400	0	0	0	1q
Tunisia	5 500	8 700	0	0	0	1q
Turkey	18 700	19 000	14 000	14 000	21 000	2q
United Kingdom	500	500	400	100	100	1e
United States	445 000	437 000	429 000	444 000	410 054	1a
Total	3 139 271	3 313 013	3 523 748	3 605 560	3 876 564	

## Lithium

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	5 922	8 682	11 105	9 613	11 976	1e
Brazil	497	473	437	430	430	2n
Canada	650	630	700	707	707	1s
Chile	17 977	17 900	20 700	24 111	22 997	1e
China	2 700	2 820	2 820	3 010	3 100	2n
Portugal	346	311	339	372	375	2n
Spain	30	20	42	45	0	1a
United States	3 200	3 200	3 200	3 230	3 230	2n
Zimbabwe	1 450	937	900	0	0	1e
Total	32 772	34 973	40 243	41 518	42 815	

## Mercury

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Algeria	74	8	0	0	0	1a
Chile	50	50	50	50	50	2q
China	700	750	760	800	600	1q
Finland	24	34	23	45	33	2q
Kyrgystan	488	304	250	250	250	2q
Mexico	15	6	8	21	58	2q
Morocco	10	10	10	10	10	2q
Russia (Asia)	50	50	50	50	50	2s

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Tajikistan	28	30	30	30	30	2q
United States	15	15	15	15	15	2q
Total	1 454	1 257	1 196	1 271	1 096	

## Rare Earths Concentrates

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Brazil	170	200	390	390	390	2n
China	95 000	100 000	120 000	120 000	125 000	1b
DPR Korea	320	310	300	0	0	2s
India	149	122	0	0	0	1s
Malaysia	1 683	320	894	682	233	1s
Sri Lanka	73	70	68	50	50	2n
Total	97 395	101 022	121 652	121 122	125 673	

## Tellurium

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Canada	40	28	11	8	19	2e
Japan	33	23	24	41	40	2s
Mongolia	2	1	0	0	0	1a
Peru	29	33	34	35	28	1s
Total	104	85	69	84	87	

## Tin

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	800	2 072	1 477	2 085	1 783	1e
Bolivia	18 115	18 640	17 669	15 972	17 300	2q
Brazil	12 202	11 739	9 528	12 596	11 600	2q
China	118 200	121 600	126 300	147 300	121 150	1q
Congo,D.R.	4 900	4 400	3 800	8 900	11 800	2q
Indonesia	73 080	78 404	79 100	66 137	53 228	1s
Laos	400	600	600	700	700	2q
Malaysia	2 745	2 857	2 398	2 263	2 602	1e
Mexico	24	28	0	0	0	1e
Mongolia	11	47	0	28	44	1a
Myanmar	492	737	786	811	729	1e
Nigeria	1 400	1 500	1 400	2 500	1 800	2q
Peru	41 600	42 145	38 500	39 019	38 865	1e

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Portugal	220	228	25	41	29	1a
Russia (Asia)	5 300	5 100	5 000	2 600	1 500	2q
Rwanda	300	3 100	3 835	4 566	4 193	1s
Spain	5	4	0	0	0	2q
Thailand	724	188	225	149	200	2q
Viet Nam	3 500	5 400	5 400	5 400	5 400	1n
Total	284 018	298 789	296 043	311 067	272 923	

## Zinc

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Algeria	124	2 400	309	0	0	1a
Argentina	27 200	30 227	29 808	27 025	30 349	2e
Armenia	1 900	3 196	2 271	2 511	3 900	2q
Australia	1 334 000	1 367 000	1 375 000	1 518 000	1 477 000	1e
Bolivia	147 430	159 502	172 747	214 053	383 600	2q
Bosnia-Herzegovina	1 100	2 500	900	4 500	5 200	2q
Brazil	158 962	171 434	185 200	193 300	199 000	2q
Bulgaria	11 000	11 956	8 000	10 000	12 819	1a
Canada	791 400	666 700	637 956	630 500	716 100	1e
Chile	27 635	28 841	36 238	36 453	40 519	1e
China	2 391 200	2 547 800	2 884 200	2 950 000	3 186 000	1q
Congo,D.R.	8 000	7 600	16 800	18 500	18 500	2q
DPR Korea	62 000	65 000	85 000	95 000	65 000	2q
Finland	37 200	40 803	35 700	38 900	27 800	2q
Greece	0	4 000	16 000	21 300	23 000	1q
Honduras	41 400	42 698	37 600	29 200	28 500	1q
India	340 000	472 000	503 000	539 000	616 000	2q
Iran	135 000	167 000	168 000	75 000	86 000	2q
Ireland	438 300	445 400	425 800	400 900	398 200	2q
Japan	47 781	41 452	7 169	0	0	2q
Kazakhstan	361 000	364 000	405 000	358 226	365 572	1a
Korea, Republic of	0	80	0	0	0	2q
Kosovo	0	0	0	0	1 800	2q
Laos	1 000	1 500	4 000	3 000	2 200	2q
Macedonia	0	0	11 300	32 200	40 300	1q
Mexico	374 400	427 100	432 300	426 500	442 200	2q
Mongolia	0	11 400	54 950	77 350	71 800	1a
Morocco	87 000	128 000	95 000	75 000	80 747	1e
Myanmar	400	281	27	34	199	1e
Namibia	202 000	232 000	208 000	196 000	209 000	2q
Peru	1 209 006	1 201 671	1 203 364	1 444 354	1 602 597	1e
Philippines	0	2 000	3 000	7 400	1 600	2q
Poland	140 300	135 600	126 600	113 000	143 000	1a
Portugal	0	0	7 505	24 380	22 566	1a
Romania	23 600	13 784	8 052	849	8	1a
Russia (Asia)	142 296	163 680	156 640	155 760	180 400	2q
Russia (Europe)	19 404	22 320	21 360	21 240	24 600	2q

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Saudi Arabia	1 000	1 000	1 000	616	3 663	1a
Serbia and Montenegro	1 300	900	2 100	0	0	--
Serbia, Rep. of	0	0	0	1 200	600	2q
South Africa, Rep. of	32 001	32 112	34 400	31 100	29 400	2q
Sweden	197 000	215 700	210 029	214 576	172 200	1e
Thailand	40 000	40 762	42 000	42 000	35 000	2q
Tunisia	31 000	19 000	3 000	3 000	2 000	2n
Turkey	39 000	56 000	59 000	71 000	73 000	2q
United States	739 000	747 900	727 100	803 000	778 129	1a
Total	9 642 339	10 094 299	10 443 425	10 905 927	11 600 068	

### 6.5.3 Precious Metals / Edelmetalle

#### Gold

C o u n t r y	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg	Rem
Algeria	597	641	377	236	647	2q
Argentina	28 466	27 904	44 131	42 021	42 142	2e
Armenia	2 112	1 373	867	565	565	2q
Australia	259 000	263 000	246 000	246 000	214 000	2q
Bolivia	6 165	8 871	9 628	8 818	8 431	2q
Botswana	162	2 709	3 020	2 722	3 176	2q
Brazil	47 596	38 293	40 075	49 613	55 153	2q
Bulgaria	2 431	3 868	3 818	3 964	4 160	2q
Burkina Faso	1 008	1 397	1 571	2 350	2 300	2q
Burundi	3 229	3 905	4 313	2 423	2 168	2q
Cameroon	600	600	600	600	600	2q
Canada	130 727	120 541	104 448	102 377	95 736	1e
Central African Rep.	7	10	10	10	10	2q
Chile	39 986	40 447	42 100	41 527	39 162	2q
China	212 350	255 000	247 500	270 490	275 285	2q
Colombia	37 739	20 716	21 165	15 432	34 321	1a
Congo	60	20	10	10	100	2q
Congo,D.R.	10 500	9 000	11 700	10 200	10 500	2q
Costa Rica	150	424	1 210	2 065	500	2q
Cote d'Ivoire	1 219	1 638	1 600	1 243	2 665	2q
Cuba	500	0	0	0	0	2q
Ecuador	5 128	5 337	5 168	3 186	3 240	2q
Egypt	0	0	0	0	32	2q
Eritrea	33	25	44	87	32	1q
Ethiopia	3 490	3 726	3 828	3 300	3 465	1a
Fiji	4 033	2 793	1 403	29	638	2q
Finland	1 360	1 296	1 307	1 620	1 600	2q
French Guiana	2 773	1 955	2 000	2 000	2 000	2q
Gabon	300	300	300	300	300	2q
Georgia	1 377	1 620	2 400	3 100	3 100	2q

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



Ghana	63 139	66 852	66 205	77 349	79 468	2q
Greenland	1 560	1 828	2 324	1 927	1 393	1q
Guatemala	0	741	5 036	7 067	7 488	1a
Guinea	15 593	25 097	16 922	15 688	20 000	2q
Guyana	11 478	8 326	6 406	7 412	8 123	2q
Honduras	3 683	4 438	4 055	3 012	1 846	2q
India	3 714	3 086	2 424	2 959	2 669	2q
Indonesia	86 855	142 894	138 992	117 851	64 390	2q
Iran	900	275	850	850	850	2q
Jamaica	20	0	0	0	0	2q
Japan	8 021	8 319	8 904	8 869	6 868	1a
Kazakhstan	15 900	16 000	16 200	22 564	20 825	1a
Kenya	567	616	432	3 023	340	1a
Korea, Republic of	229	251	277	162	161	2q
Kyrgystan	20 445	16 751	10 301	10 572	18 132	2q
Laos	4 392	6 338	6 068	4 161	4 333	2q
Liberia	111	27	9	311	300	2q
Macedonia	0	400	400	450	450	2b
Madagascar	40	55	130	210	210	1q
Malaysia	4 221	4 249	3 497	2 913	2 490	1e
Mali	37 915	44 230	51 957	48 850	52 700	2q
Mauritania	0	0	322	2 251	6 282	2q
Mexico	21 818	26 782	35 900	39 300	40 000	2e
Mongolia	18 500	24 122	21 267	17 473	15 184	2q
Morocco	1 493	1 500	1 500	1 500	1 500	2q
Mozambique	56	63	85	97	298	2q
Myanmar	100	100	100	100	100	2q
Namibia	2 205	2 703	2 790	2 496	2 126	2q
New Zealand	10 151	10 583	10 618	10 638	16 274	2q
Nicaragua	4 064	3 674	3 395	3 330	2 960	2q
Niger	1 590	4 962	2 615	3 427	2 314	2q
Nigeria	30	30	40	180	200	2q
Oman	211	384	358	248	118	2q
Papua New Guinea	73 670	68 483	58 349	57 549	67 436	1q
Peru	173 219	207 822	202 822	170 127	179 870	2q
Philippines	35 464	37 488	36 098	38 792	35 568	2q
Poland	600	900	1 300	650	924	1a
Romania	1 430	500	500	500	500	2q
Russia (Asia)	157 446	151 763	148 186	145 928	171 574	2q
Russia (Europe)	11 851	11 423	11 154	10 983	12 914	2q
Saudi Arabia	8 268	7 456	5 182	4 400	4 527	2q
Senegal	600	600	600	600	600	2q
Serbia and Montenegro	328	330	330	0	0	2q
Serbia, Rep. of	0	0	0	330	330	2q
Sierra Leone	20	21	82	215	212	2q
Slovakia	107	109	84	92	91	1a
Solomon Islands	60	61	20	93	141	2q
South Africa, Rep. of	337 223	294 803	272 128	252 600	212 744	2q
Spain	5 248	2 145	1 565	0	0	2q
Sudan	5 000	4 739	3 158	2 703	2 276	2q
Suriname	8 513	10 619	9 362	8 585	10 290	2q
Sweden	6 564	6 564	6 848	5 159	5 341	1e

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Tajikistan	2 161	1 927	1 920	1 920	2 000	2q
Tanzania	48 176	47 270	39 750	40 193	36 636	2q
Thailand	4 507	4 393	3 470	3 401	2 721	2q
Togo	0	6 179	7 184	10 159	10 000	2q
Turkey	3 260	4 170	8 040	9 920	11 120	2q
Uganda	1 537	1 500	2 192	2 543	2 700	2q
Ukraine	70	70	70	70	70	2q
United States	258 000	255 757	252 000	238 000	233 327	1a
Uruguay	1 758	2 930	2 800	3 172	2 429	2q
Uzbekistan	88 350	84 210	76 620	72 850	73 200	2q
Venezuela	9 690	10 480	11 600	10 092	10 100	2q
Zambia	0	443	964	1 269	1 693	1q
Zimbabwe	21 330	13 453	11 354	7 018	3 576	2q
Total	2 406 549	2 481 693	2 396 704	2 333 441	2 281 330	

## Palladium

C o u n t r y	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg	Rem
Australia	846	800	600	600	600	1n
Botswana	2 500	1 900	2 000	1 990	2 000	2q
Canada	12 000	13 500	14 000	17 945	16 358	1n
Poland	12	12	10	20	20	1n
Russia (Asia)	97 000	97 400	100 142	94 855	84 240	1n
Serbia and Montenegro	20	20	0	0	0	1n
South Africa, Rep. of	76 403	82 961	86 303	86 147	75 573	1n
United States	13 654	13 312	14 401	12 844	11 917	1a
Zimbabwe	3 564	3 879	4 022	4 290	9 641	1n
Total	205 999	213 784	221 478	218 691	200 349	

## Platinum

C o u n t r y	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg	Rem
Australia	200	200	112	130	150	1n
Botswana	500	300	300	404	300	2q
Canada	7 000	6 075	6 120	6 251	6 531	1n
Colombia	1 209	1 082	1 444	1 530	1 500	1n
Ethiopia	0	0	5	9	9	1n
Finland	705	800	800	800	800	2n
Poland	20	20	20	10	10	1n
Russia (Asia)	22 400	23 200	22 890	22 641	20 420	1n
Russia (Europe)	5 600	5 800	5 722	5 660	5 082	1n
Serbia and Montenegro	5	5	0	0	0	1n
South Africa, Rep. of	153 239	163 711	164 675	156 559	140 883	1n
United States	4 040	3 920	4 292	3 860	3 514	1n

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Zimbabwe	4 438	4 834	4 998	5 430	9 175	1n
Total	199 356	209 947	211 378	203 284	188 374	

## Rhodium

C o u n t r y	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg	Rem
Canada	374	600	622	404	430	1n
Russia (Asia)	3 300	2 800	3 110	2 799	2 644	1n
South Africa, Rep. of	16 294	20 224	20 713	21 646	17 851	1n
United States	110	110	120	124	62	1a
Zimbabwe	374	404	410	435	560	1n
Total	20 452	24 138	24 975	25 408	21 547	

## Silver

C o u n t r y	2004 kg	2005 kg	2006 kg	2007 kg	2008 kg	Rem
Algeria	0	800	500	46	114	1a
Argentina	172 387	263 766	245 124	255 567	255 000	1q
Armenia	4 000	4 000	4 000	4 000	4 000	2q
Australia	2 209 000	2 417 000	1 728 000	1 871 000	1 926 000	2q
Bolivia	412 550	420 300	472 210	524 990	1 114 000	2q
Brazil	6 200	10 000	10 000	19 000	19 000	2q
Bulgaria	45 000	55 000	65 000	55 000	55 000	1q
Canada	1 337 500	1 123 800	995 000	862 400	727 700	1e
Chile	1 360 100	1 399 539	1 607 164	1 936 467	1 405 020	1e
China	2 450 000	2 500 000	2 600 000	2 557 000	2 800 000	2q
Colombia	8 539	7 142	5 900	9 765	9 200	2q
Congo,D.R.	69 700	53 600	67 600	76 200	34 100	2q
Costa Rica	100	0	0	0	0	2q
DPR Korea	50 000	50 000	50 000	50 000	50 000	2q
Ecuador	372	283	159	448	400	2q
Ethiopia	1 100	904	900	707	1 026	1a
Fiji	1 500	1 400	500	0	0	2q
Finland	49 400	47 500	50 800	44 900	69 900	2q
France	700	0	0	0	0	2q
Ghana	3 300	3 600	3 100	3 100	3 100	2q
Greece	0	6 000	25 500	38 300	35 000	2q
Guatemala	0	7 100	49 700	88 247	99 132	1e
Honduras	48 200	53 600	55 000	53 900	58 900	2q
India	53 400	31 900	30 900	82 300	93 700	2q
Indonesia	255 053	326 993	270 153	268 967	226 100	2q
Iran	25 000	25 000	30 000	40 000	40 000	2q
Ireland	5 200	10 500	12 900	9 700	8 500	2q
Italy	100	100	100	100	100	2q
Jamaica	9	0	0	0	0	2q

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Japan	75 689	54 098	11 463	0	0	2q
Kazakhstan	891 200	910 000	910 000	722 927	645 627	1a
Korea, Republic of	4 854	2 957	5 100	5 000	5 000	2q
Kosovo	0	0	0	0	1 800	2q
Laos	2 740	3 405	6 300	4 500	6 700	2q
Macedonia	0	0	10 000	30 000	30 000	2q
Malaysia	364	402	410	300	300	2q
Mexico	2 569 500	2 894 200	3 028 400	3 135 400	3 236 300	1q
Mongolia	20 400	19 900	20 400	20 500	20 000	2q
Morocco	180 600	185 700	202 300	177 700	175 000	2q
Myanmar	1 100	2 300	700	700	0	2q
Namibia	27 200	34 100	31 300	7 902	7 700	2q
New Zealand	30 048	43 003	27 221	10 568	31 500	2q
Nicaragua	2 950	2 936	2 929	3 400	3 700	2q
Oman	89	88	220	240	0	2q
Papua New Guinea	55 600	51 100	51 100	44 612	51 300	2q
Peru	3 050 800	3 193 000	3 470 661	3 493 909	3 685 900	2q
Philippines	9 300	19 146	23 500	27 754	12 700	2q
Poland	1 372 700	1 262 400	1 265 100	1 199 000	1 193 000	1a
Portugal	24 400	23 800	20 100	24 000	28 800	2q
Romania	18 000	18 000	18 000	18 000	18 000	2q
Russia (Asia)	955 800	990 000	990 000	1 080 000	1 170 000	2q
Russia (Europe)	106 200	110 000	110 000	120 000	130 000	2q
Saudi Arabia	14 494	13 500	9 600	9 028	8 200	2q
Serbia and Montenegro	2 400	2 400	2 400	0	0	2q
Serbia, Rep. of	0	0	0	2 400	600	2q
Slovakia	70	60	0	0	0	2q
South Africa, Rep. of	73 124	87 874	86 926	70 089	75 200	2q
Spain	3 583	5 200	2 369	0	0	2q
Sudan	2 900	2 900	2 437	2 405	2 400	2q
Sweden	319 600	309 933	292 255	323 171	293 100	1e
Tajikistan	1 200	1 200	1 200	1 200	1 200	2q
Tanzania	13 200	12 500	14 900	12 400	12 000	2q
Thailand	10 702	14 013	11 400	7 500	5 200	2q
Tunisia	2 000	4 000	0	0	0	2q
Turkey	122 000	137 600	167 300	198 000	180 000	2q
United States	1 246 100	1 225 800	1 139 500	1 260 000	1 213 000	1a
Uzbekistan	60 000	60 000	60 000	60 000	60 000	2q
Zimbabwe	3 216	3 400	1 000	1 100	0	2q
Total	19 842 533	20 520 742	20 376 701	20 925 809	21 339 219	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## 6.5.4 Industrial Minerals / Industriemineralien

### Asbestos

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Bosnia-Herzegovina	500	500	300	0	0	1a
Brazil	252 067	236 047	227 304	254 204	255 000	2b
Canada	250 000	260 000	184 000	185 000	180 000	2b
China	438 962	332 407	458 000	460 000	380 000	1b
Colombia	60 000	60 000	60 000	60 000	60 000	2n
Egypt	330	200	0	0	0	1e
India	6 392	2 323	415	261	325	1s
Iran	82 018	40 000	40 000	45 000	45 000	2n
Kazakhstan	346 500	305 500	314 700	292 600	230 100	1a
Pakistan	380	0	0	0	0	1s
Russia (Asia)	180 000	175 000	170 000	205 000	203 400	2b
Russia (Europe)	720 000	700 000	680 000	820 000	813 600	2b
Serbia and Montenegro	110	143	157	0	0	--
Serbia, Rep. of	0	0	0	160	0	1s
United States	1 500	900	0	0	0	1a
Zimbabwe	130 000	122 041	96 956	97 000	50 000	2s
Total	2 468 759	2 235 061	2 231 832	2 419 225	2 217 425	

### Baryte

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Afghanistan	6 000	6 300	6 500	6 000	5 500	2n
Algeria	47 945	54 773	64 787	63 098	60 088	1a
Argentina	3 500	3 910	6 276	3 798	3 170	2e
Armenia	561	590	600	500	400	2n
Australia	17 000	17 300	18 000	13 500	16 000	1b
Bolivia	5 774	11 379	8 943	8 245	8 000	2b
Bosnia-Herzegovina	53	160	190	37	54	1s
Brazil	49 046	44 041	47 611	37 000	42 000	2s
Bulgaria	20 000	10 000	0	0	0	1a
Canada	20 601	23 179	19 597	7 196	12 000	2e
Chile	31	91	375	77	0	1e
China	3 900 000	4 100 000	4 400 000	4 400 000	4 600 000	1b
Colombia	2 000	2 000	2 000	2 000	6 000	2n
Ecuador	3 695	0	0	0	0	1e
Egypt	350	370	500	540	1 080	1s
France	75 000	82 000	30 000	27 000	20 000	2n
Germany, Federal Rep.	93 624	88 591	85 524	88 265	78 941	1a
Greece	25	50	0	0	0	1e

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Guatemala	68	181	150	0	0	1e
India	1 159 031	1 156 227	1 730 803	999 497	1 100 000	2b
Iran	203 653	285 000	290 000	280 300	343 750	1e
Italy	9 698	4 722	7 000	7 000	5 000	2b
Kazakhstan	310 700	268 700	261 100	280 300	492 200	1a
Malaysia	1 500	900	910	0	4 372	1e
Mexico	306 668	268 657	199 600	185 900	140 066	1s
Morocco	355 800	475 700	612 800	664 700	725 060	1e
Myanmar	2 229	2 205	4 023	5 918	5 320	1e
Nigeria	15 000	30 000	30 011	30 000	20 000	2s
Pakistan	25 500	25 300	44 183	46 155	50 000	2b
Peru	9 610	26 985	1 899	27 369	40 745	1e
Poland	27 000	25 000	20 000	0	0	1a
Portugal	24	21	24	25	25	1a
Romania	73	60	21	6	0	1a
Russia (Asia)	54 000	54 000	56 700	57 600	58 500	2s
Russia (Europe)	6 000	6 000	6 300	6 400	6 500	2s
Saudi Arabia	14 000	13 900	16 000	24 000	30 000	1a
Slovakia	5 600	4 200	4 100	12 500	7 300	1e
Spain	40 776	44 643	45 000	20 000	26 000	1a
Thailand	211 278	3 989	4 549	8 631	9 180	1s
Tunisia	1 813	0	0	0	0	1e
Turkey	113 775	157 179	161 993	150 000	150 000	2s
United Kingdom	61 000	64 000	48 000	53 000	43 000	1e
United States	532 000	500 000	589 000	455 000	647 621	1a
Zimbabwe	3 486	2 500	2 000	0	0	1e
Total	7 715 487	7 864 803	8 827 069	7 971 557	8 757 872	

## Bentonite

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Algeria	30 319	29 029	27 110	32 600	30 595	1a
Argentina	163 028	243 590	256 165	250 260	256 182	2e
Armenia	40 000	38 000	37 000	35 000	30 000	2n
Australia	264 038	227 533	125 600	107 200	80 400	2s
Bolivia	548	590	600	600	600	2n
Bosnia-Herzegovina	24 353	24 882	24 645	32 338	31 280	1a
Brazil	175 000	220 000	235 481	238 746	240 000	2b
Chile	101	0	0	533	0	1e
China	2 250 000	2 300 000	3 200 000	3 200 000	3 300 000	2s
Colombia	6 700	6 500	6 300	6 500	6 300	2n
Croatia	671	1 472	1 200	1 270	1 200	2n
Cyprus	155 717	172 366	150 620	154 655	155 125	1e
Czech Republic	201 000	186 000	220 000	335 000	174 000	1a
Egypt	700	500	800	1 000	1 000	2n
Germany, Federal Rep.	404 549	352 374	393 998	384 709	414 336	1a
Greece	1 030 556	1 200 000	1 166 575	1 382 800	1 320 667	1e
Guatemala	81 688	135 451	20 034	23 382	62 749	1e

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Hungary	9 300	4 900	6 635	54 000	7 464	1s
India	410 000	590 000	610 000	630 000	710 000	2s
Indonesia	10 800	12 882	13 000	12 000	11 000	2n
Iran	140 528	135 000	175 484	180 000	356 989	1e
Italy	437 659	445 573	469 654	599 735	600 000	2b
Japan	455 282	421 629	425 000	425 000	430 000	2s
Korea, Republic of	99 173	85 177	61 137	56 429	71 052	1s
Macedonia	16 373	14 958	20 353	22 509	13 689	2s
Mexico	564 015	425 630	435 273	613 895	374 933	1s
Morocco	85 400	64 350	21 100	137 100	50 125	1e
Myanmar	800	800	800	800	800	2n
New Zealand	10 050	7 590	3 028	6 144	753	1s
Pakistan	11 700	15 671	20 088	32 708	25 000	2b
Peru	14 500	19 028	18 500	21 451	31 557	1e
Philippines	3 556	3 526	3 500	1 148	1 427	1e
Poland	2 400	2 200	4 000	1 290	3 000	1a
Romania	18 161	18 190	14 600	14 713	14 604	1a
Russia (Asia)	174 000	170 000	166 000	100 000	92 000	1s
Russia (Europe)	696 000	680 000	664 000	400 000	368 000	1s
Slovakia	193 291	120 000	100 000	82 200	116 125	1e
Slovenia	100	140	130	130	160	1a
South Africa, Rep. of	55 859	139 833	32 878	45 778	44 067	1s
Spain	156 760	162 500	154 746	156 875	153 000	1a
Thailand	1 350	32 500	1 200	650	210	1s
Turkey	643 153	582 735	600 000	748 170	683 253	1s
Turkmenistan	1 500	1 400	2 000	2 000	2 000	2n
United Kingdom	27 540	6 200	0	0	0	1e
United States	4 620 000	4 430 000	4 940 000	4 820 000	4 870 000	2b
Uruguay	122	195	515	530	515	1b
Total	13 688 340	13 730 894	14 829 749	15 351 848	15 136 157	

## Boron

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Argentina	821 031	632 792	553 535	669 578	785 555	2e
Bolivia	68 031	62 604	50 727	79 531	90 000	2s
Chile	594 191	460 683	459 645	527 929	590 999	1e
China	135 000	160 000	145 000	145 000	140 000	1b
Iran	3 361	1 660	1 385	1 603	1 150	1e
Kazakhstan	30 000	30 000	29 000	30 000	30 000	2n
Peru	7 000	8 290	10 000	9 000	8 000	2n
Turkey	473 198	571 838	650 297	657 600	660 000	2n
United States	1 210 000	1 230 000	1 150 000	1 150 000	1 150 000	2s
Total	3 341 812	3 157 867	3 049 589	3 270 241	3 455 704	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Diamonds (Gem)

Country	2004 ct	2005 ct	2006 ct	2007 ct	2008 ct	Rem
Angola	5 490 000	6 300 000	7 000 000	8 730 000	8 016 277	1s
Australia	8 248 000	12 271 200	14 360 000	9 400 000	7 623 000	1e
Botswana	17 500 000	17 360 000	24 005 380	25 000 000	23 071 300	1s
Brazil	99 000	68 585	59 845	60 070	49 500	2s
Canada	12 618 000	12 300 000	13 277 703	17 007 650	14 802 699	1s
Central African Rep.	297 500	323 000	331 500	397 555	282 907	1s
China	212 000	212 000	213 000	200 000	241 000	1s
Congo,D.R.	5 000 000	6 000 000	5 798 048	5 690 500	4 189 400	1b
Cote d'Ivoire	240 000	240 000	256 000	240 000	240 000	1s
Ghana	724 275	852 938	767 524	671 388	478 434	1s
Guinea	555 000	412 500	355 500	764 250	2 323 868	1s
Guyana	232 000	240 000	272 435	201 709	126 694	1e
India	16 000	16 000	15 000	15 000	15 000	2n
Liberia	6 600	6 600	6 600	13 020	28 178	1s
Namibia	1 934 904	1 807 360	2 238 471	2 231 463	2 313 435	1s
Russia (Asia)	21 400 000	23 000 000	23 400 000	22 974 720	22 155 090	1s
Sierra Leone	573 285	327 667	295 747	356 138	181 932	1s
South Africa, Rep. of	4 240 000	6 310 235	6 240 000	6 099 600	5 160 407	1s
Swaziland	9 600	9 560	9 000	9 000	9 000	2n
Tanzania	340 000	255 000	236 000	245 175	200 306	1s
Venezuela	16 015	22 062	11 039	5 800	3 752	1s
Zimbabwe	13 336	73 178	313 807	208 505	239 159	1s
Total	79 765 515	88 407 885	99 462 599	100 521 543	91 751 338	

## Diamonds (Ind)

Country	2004 ct	2005 ct	2006 ct	2007 ct	2008 ct	Rem
Angola	610 000	700 000	800 000	970 000	890 697	1s
Australia	12 372 000	18 406 800	14 947 000	9 800 000	7 920 000	1e
Botswana	7 500 000	7 440 000	10 288 021	8 600 000	9 887 700	1s
Brazil	198 000	137 172	119 691	120 140	100 500	2s
Central African Rep.	52 500	57 000	58 500	70 156	94 302	1s
China	848 000	848 000	852 000	800 000	856 000	1s
Congo,D.R.	20 000 000	24 000 000	23 192 193	22 761 997	16 757 600	1b
Cote d'Ivoire	60 000	60 000	64 000	60 000	60 000	1s
Ghana	181 069	213 184	191 881	167 847	117 808	1s
Guinea	185 000	137 500	118 500	254 750	774 622	1s
Guyana	58 000	60 000	68 109	67 236	42 231	1e
India	43 000	42 000	40 000	40 000	40 000	2n
Liberia	4 400	4 400	4 400	8 680	18 785	1s
Myanmar	2	2	0	0	0	1e
Namibia	101 837	95 124	117 814	117 445	121 760	1s
Russia (Asia)	14 200 000	15 000 000	15 000 000	15 316 480	14 770 060	1s

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen



Sierra Leone	118 472	341 042	307 819	247 485	189 358	1s
South Africa, Rep. of	6 360 000	9 465 354	9 130 000	9 149 400	7 740 611	1s
Swaziland	38 400	38 240	36 000	36 000	36 000	2n
Tanzania	60 000	45 000	42 464	44 114	35 348	1s
Togo	123 106	11 773	25 368	13 452	8 787	1s
Venezuela	24 021	33 092	16 559	8 700	5 629	1s
Zimbabwe	31 118	170 750	732 218	486 511	558 037	1s
Total	63 168 925	77 306 433	76 152 537	69 140 393	61 025 835	

## Diatomite

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Algeria	2 665	2 800	1 800	1 902	2 000	2b
Argentina	25 000	29 495	38 543	49 604	36 996	2e
Armenia	200	190	180	150	130	2n
Australia	10 000	10 200	15 000	20 000	20 000	1b
Brazil	7 197	7 549	10 700	9 600	6 000	2b
Canada	1 900	1 700	1 500	0	0	1e
Chile	24 131	16 418	19 104	25 405	25 497	1e
China	390 000	400 000	420 000	420 000	440 000	1b
Costa Rica	11 000	10 800	15 000	10 000	9 000	2n
Czech Republic	33 000	38 000	53 000	19 000	31 000	1a
Ethiopia	720	420	430	430	430	2n
France	75 000	75 000	75 000	75 000	75 000	2s
Iceland	19 332	3 236	0	0	0	1e
Iran	9 500	1 450	1 500	1 500	9 600	1e
Kenya	330	243	185	201	72	1a
Korea, Republic of	2 441	2 193	3 460	2 360	2 000	2b
Mexico	59 818	62 132	62 900	82 519	128 536	1s
Peru	14 600	14 400	18 000	21 603	12 206	1e
Portugal	120	110	100	0	0	1a
Romania	14 192	1 402	1 719	15	50	1a
Slovakia	930	910	800	0	0	1e
South Africa, Rep. of	160	150	130	100	0	1s
Spain	33 799	44 335	52 123	45 000	46 192	2s
Thailand	1 372	990	1 344	1 260	4 075	1s
United States	620 000	653 000	799 000	687 000	763 616	1a
Total	1 357 407	1 377 123	1 591 518	1 472 649	1 612 400	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Feldspar

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Algeria	0	0	0	83 208	115 938	1a
Argentina	90 000	151 307	170 728	291 562	220 234	2e
Australia	27 000	29 000	35 000	50 000	50 000	2n
Brazil	150 770	196 419	72 000	166 000	190 000	2s
Chile	4 838	5 820	5 847	6 704	17 834	1e
China	1 800 000	1 900 000	1 950 000	2 300 000	2 400 000	2b
Colombia	100 000	140 000	100 000	100 000	100 000	2n
Cuba	10 500	8 000	5 500	5 600	4 300	1e
Czech Republic	488 000	472 000	487 000	514 000	488 000	1a
Ecuador	53 469	38 250	67 843	63 557	70 000	2s
Egypt	178 250	357 134	360 000	135 290	168 673	1s
Finland	57 149	52 383	43 187	48 980	45 250	1s
France	670 000	650 000	650 000	650 000	650 000	2s
Germany, Federal Rep.	2 219 642	3 309 134	2 982 782	3 311 523	3 300 000	2e
Greece	88 274	105 000	92 400	34 554	46 333	1e
Guatemala	4 473	3 808	17 156	30 234	46 854	1e
India	379 055	426 498	373 414	405 299	373 924	1s
Indonesia	24 000	24 000	25 000	25 000	25 000	2s
Iran	252 713	286 033	290 000	300 000	300 000	2n
Italy	3 251 264	3 334 848	4 019 495	4 726 906	5 000 000	2s
Japan	889 000	800 000	800 000	750 000	750 000	2s
Jordan	13 060	13 800	11 054	9 800	2 950	1e
Korea, Republic of	541 788	508 644	427 328	398 513	344 257	1s
Macedonia	22 921	27 076	38 124	32 814	28 920	1s
Malaysia	79 220	117 180	142 358	358 584	430 497	1e
Mexico	364 166	373 411	459 200	438 700	445 519	1s
Morocco	30 270	27 795	34 000	38 000	30 080	1e
Norway	100 000	210 000	65 000	65 000	62 000	1e
Pakistan	30 373	25 032	22 435	26 120	19 000	2s
Peru	7 800	8 876	6 500	15 450	13 063	1e
Philippines	32 106	11 853	15 176	14 837	15 838	1e
Poland	373 459	426 914	457 600	388 500	206 000	1a
Portugal	98 262	133 344	125 900	162 037	165 000	2n
Romania	60 636	74 927	55 300	44 897	22 995	1a
Russia (Asia)	48 000	46 800	42 000	96 000	96 000	2s
Russia (Europe)	32 000	31 200	28 000	64 000	64 000	2s
Saudi Arabia	42 000	42 300	42 500	45 000	55 000	1a
Serbia and Montenegro	4 500	3 000	4 000	0	0	--
Serbia, Rep. of	0	0	0	3 000	3 500	2s
South Africa, Rep. of	50 000	57 534	76 722	90 312	105 815	1s
Spain	528 259	650 061	696 912	682 884	619 000	1a
Sri Lanka	38 600	45 492	56 864	46 583	40 000	1b
Sweden	38 204	30 000	24 000	24 620	22 000	2s
Thailand	980 171	1 133 949	1 055 615	684 668	670 618	1s
Turkey	1 983 336	2 331 971	3 400 000	3 800 000	3 800 000	2n
United Kingdom	2 274	1 835	1 441	1 400	430	1e
United States	770 000	760 000	763 000	730 000	648 510	1a

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Uruguay	1 950	2 150	2 470	2 050	2 500	1b
Uzbekistan	4 300	4 300	4 300	4 300	4 300	2s
Venezuela	150 000	200 000	200 000	200 000	200 000	2b
Zimbabwe	1 300	0	0	0	0	1e
Total	17 167 352	19 589 078	20 805 151	22 466 486	22 480 132	

## Fluorspar

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Afghanistan	1 700	2 000	2 200	1 500	1 000	2n
Argentina	5 400	6 962	8 278	9 735	15 098	2e
Brazil	53 032	66 512	64 000	66 000	65 700	2b
China	2 700 000	2 700 000	2 750 000	3 200 000	3 250 000	1b
Colombia	840	830	820	800	800	2n
DPR Korea	20 000	12 500	12 500	12 500	12 500	2s
Egypt	490	500	500	550	470	1s
France	105 000	110 000	80 000	50 000	40 000	2n
Germany, Federal Rep.	33 203	35 364	53 009	54 359	48 519	1a
India	14 008	5 577	2 785	3 583	2 201	1s
Iran	54 051	64 601	65 000	65 000	65 000	2b
Italy	17 915	15 000	15 000	15 000	15 000	2n
Kenya	117 986	109 594	132 030	85 115	130 100	1a
Mexico	842 698	875 450	936 400	933 400	1 057 649	1s
Mongolia	288 500	327 100	347 700	354 900	335 000	1a
Morocco	112 100	114 740	103 300	78 800	56 724	1e
Namibia	104 767	114 886	132 249	118 766	118 000	2s
Pakistan	1 026	1 050	1 050	0	0	1s
Russia (Asia)	153 000	153 000	170 000	162 000	242 100	2b
Russia (Europe)	17 000	17 000	21 000	18 000	26 900	2b
South Africa, Rep. of	235 000	230 000	246 000	282 000	295 000	2s
Spain	146 694	144 126	144 845	137 310	148 750	1a
Thailand	2 375	2 950	3 240	1 820	29 529	1s
Tunisia	930	950	0	0	0	1e
Turkey	880	800	800	900	800	2n
United Kingdom	50 080	56 417	49 676	44 936	36 801	1e
Uzbekistan	86 000	85 000	88 000	80 000	80 000	2n
Total	5 164 675	5 252 909	5 430 382	5 776 974	6 073 641	

## Graphite

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Brazil	53 839	75 515	76 000	77 000	80 500	2s
Canada	15 000	17 000	15 000	15 000	20 000	2s
China	300 000	360 000	450 000	800 000	800 000	1b

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Czech Republic	5 000	3 000	5 000	3 000	3 000	1a
DPR Korea	25 000	32 000	30 000	30 000	30 000	2s
Germany, Federal Rep.	3 155	2 638	0	0	0	1a
India	108 150	125 651	124 389	115 511	134 257	1s
Korea, Republic of	247	39	68	52	73	1s
Madagascar	7 770	6 400	4 857	5 000	5 000	2s
Mexico	14 769	12 357	11 800	9 900	7 229	1s
Norway	6 000	7 000	9 000	2 900	4 100	1e
Romania	395	486	350	0	0	1a
Russia (Europe)	13 550	14 000	14 000	14 000	14 000	2s
Sri Lanka	5 374	5 133	5 756	9 593	10 000	1b
Tanzania	150	140	0	0	0	1e
Turkey	900	850	1 200	1 200	1 500	2s
Ukraine	7 500	8 000	7 500	8 000	8 000	2n
Viet Nam	90	100	200	0	0	1s
Zimbabwe	10 267	4 298	6 588	6 600	6 600	2s
Total	577 156	674 607	761 708	1 097 756	1 124 259	

## Guano

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Philippines	50	140	150	209	254	1s
Seychellen	640	630	610	600	600	2n
Total	690	770	760	809	854	

## Gypsum and Anhydrite

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Afghanistan	320 000	340 000	350 000	350 000	300 000	2n
Algeria	467 352	857 502	1 030 000	1 198 303	1 671 651	1a
Angola	17 000	15 000	14 000	15 000	15 000	2n
Argentina	974 935	1 050 193	1 202 812	1 226 530	1 257 310	2e
Australia	3 856 900	3 500 000	4 000 000	4 200 000	3 392 900	1s
Austria	1 038 127	1 017 194	1 071 452	1 063 844	1 087 259	1e
Azerbaijan	3 739	28 242	35 034	22 037	38 375	1s
Bhutan	131 236	150 585	204 198	189 198	248 445	1b
Bolivia	100	26	0	0	0	1s
Bosnia-Herzegovina	75 000	80 000	124 246	129 333	98 945	1a
Brazil	1 650 000	1 582 248	1 748 000	1 923 119	1 700 000	2b
Bulgaria	152 000	150 000	215 800	234 300	21 200	1a
Canada	9 339 000	8 727 000	9 789 000	7 638 000	5 797 000	2e
Chile	630 444	660 753	845 331	773 119	773 794	1e
China	29 520 000	32 000 000	35 000 000	35 000 000	35 000 000	2s
Colombia	560 000	560 000	560 000	560 000	560 000	2n

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Croatia	77 987	207 918	297 894	382 323	288 393	1a
Cyprus	255 000	210 000	264 000	330 000	282 848	1e
Czech Republic	71 000	25 000	16 000	66 000	35 000	1a
Dominican Republic	435 723	352 242	238 429	200 000	200 000	2n
Ecuador	232	1 310	1 478	0	0	1e
Egypt	7 634 000	3 290 000	3 300 000	3 300 000	2 400 000	1s
Eritrea	1 054	207	386	548	550	2n
Ethiopia	12 000	34 728	38 201	58 201	60 300	2n
France	3 500 000	3 500 000	4 800 000	4 800 000	2 339 380	1s
Germany, Federal Rep.	1 579 000	1 644 000	1 771 000	1 898 000	2 112 000	1a
Greece	856 606	735 000	886 284	836 967	998 924	1e
Guatemala	106 140	349 589	226 800	495 335	127 387	1e
Honduras	5 725	5 700	5 500	5 000	5 500	1b
Hungary	55 000	35 000	30 000	26 000	15 940	1s
India	3 689 927	3 291 478	2 888 502	2 638 000	2 800 000	2b
Indonesia	6 000	9 124	6 000	6 000	6 000	2s
Iran	13 800 000	12 400 000	15 403 754	16 000 000	17 691 242	1e
Ireland	650 000	700 000	700 000	700 000	600 000	2s
Israel	75 930	106 798	110 754	82 974	83 000	2b
Italy	1 616 000	2 356 000	2 860 000	2 900 000	2 900 000	2n
Jamaica	283 352	302 066	364 432	227 697	238 274	1s
Jordan	135 331	344 911	333 710	287 789	231 771	1e
Kenya	8 900	9 100	9 100	9 100	9 100	2n
Laos	201 094	774 000	775 000	775 000	775 000	2n
Latvia	266 240	270 000	230 000	230 000	230 000	2s
Lebanon	30 000	30 000	30 000	30 000	30 000	2n
Libya	175 000	175 000	175 000	175 000	240 000	2s
Mauritania	38 940	43 266	45 222	49 229	44 428	1s
Mexico	4 840 099	5 087 800	5 950 000	5 963 700	6 000 000	2e
Moldavia	491 000	562 700	725 900	846 400	817 889	1a
Mongolia	25 000	25 000	26 000	26 000	26 000	2b
Myanmar	66 038	69 735	72 654	76 401	92 474	1e
Nicaragua	36 466	36 456	42 191	43 300	40 000	2b
Niger	34 944	17 417	13 043	4 615	8 661	1s
Oman	240 500	266 100	170 000	180 000	190 000	2s
Pakistan	467 065	552 496	724 324	575 564	660 000	2s
Paraguay	4 300	4 100	4 100	4 500	4 500	1b
Peru	432 259	334 595	394 289	334 668	495 717	1e
Poland	1 100 000	1 300 000	1 250 000	1 536 000	1 499 900	1a
Portugal	500 000	500 000	400 000	366 600	360 000	2n
Russia (Europe)	2 076 800	2 200 000	2 200 000	2 400 000	2 400 000	2s
Saudi Arabia	2 553 000	2 800 000	2 900 000	2 300 000	2 300 000	1a
Serbia and Montenegro	42 471	42 000	42 000	0	0	--
Serbia, Rep. of	0	0	0	42 000	42 000	2s
Slovakia	127 100	107 500	120 000	139 300	145 900	1e
Somalia	1 000	1 500	1 600	1 500	1 500	2s
South Africa, Rep. of	452 271	547 581	554 000	643 630	571 343	1s
Spain	12 533 972	12 600 000	14 596 559	14 000 000	15 000 000	2s
Sudan	13 200	11 000	7 000	7 974	8 000	2b
Switzerland	300 000	300 000	300 000	300 000	300 000	2b
Syria	400 000	467 000	443 000	447 900	572 888	1s
Tajikistan	48 000	47 000	35 000	30 000	25 000	2n

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Thailand	8 150 865	7 650 854	8 915 240	9 336 268	8 989 082	1s
Tunisia	130 000	140 000	200 000	180 000	370 000	1a
Turkey	250 099	250 000	250 000	250 000	250 000	2n
Turkmenistan	1 600	1 580	3 000	3 000	3 000	2n
Uganda	143	285	121	120	125	2b
Ukraine	337 000	381 000	376 000	742 000	1 158 410	1s
United Arab Emirates	16 300	16 000	15 800	15 000	15 000	2n
United Kingdom	1 686 000	1 700 000	1 700 000	1 700 000	1 700 000	2e
United States	17 200 000	21 100 000	21 100 000	17 900 000	14 411 000	1a
Uruguay	1 150	920	0	0	0	1s
Venezuela	4 000	6 000	7 000	7 000	7 000	2b
Viet Nam	11 000	5 000	5 000	5 000	5 000	2s
Yemen, Republic of	60 000	72 000	81 000	90 000	95 000	2n
Total	138 935 656	141 124 799	155 622 140	151 530 386	145 272 305	

## Kaolin

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Algeria	24 299	34 386	32 523	106 567	50 788	1a
Argentina	39 072	54 705	49 619	69 354	73 539	2e
Australia	285 543	231 611	182 304	213 605	181 655	1s
Austria	16 345	16 410	17 431	16 929	16 460	1e
Bangladesh	8 300	8 400	8 500	8 600	8 600	2n
Bosnia-Herzegovina	13 500	14 500	24 500	20 767	56 000	1a
Brazil	2 200 267	2 410 000	2 455 000	2 527 000	2 670 000	2s
Bulgaria	200 000	235 062	282 260	280 532	260 372	1a
Burundi	1 000	900	850	0	0	1e
Chile	7 133	15 183	44 642	87 901	63 526	1e
China	2 500 000	2 700 000	2 800 000	2 781 000	3 850 000	1b
Colombia	430 000	410 000	200 000	100 000	90 000	2n
Cuba	4 100	3 500	1 700	1 700	0	1e
Czech Republic	849 640	854 040	828 960	836 000	843 260	1a
Ecuador	5 646	25 078	11 504	18 617	13 000	2s
Egypt	295 430	415 400	400 000	331 671	523 327	1s
Eritrea	1 000	518	235	17	17	2n
Ethiopia	3 200	1 640	913	1 275	1 500	2n
France	350 000	370 000	300 000	307 253	300 000	2s
Germany, Federal Rep.	3 694 296	3 717 986	3 767 873	3 791 514	3 612 000	1a
Greece	53 438	60 000	40 840	45 140	17 399	1e
Guatemala	2 000	4 107	4 395	2 642	2 803	1e
Hungary	30	30	40	40	0	1s
India	530 000	560 000	560 000	570 000	570 000	2n
Indonesia	15 000	15 000	15 000	15 000	15 000	2s
Iran	484 501	311 501	610 595	700 000	945 758	1e
Japan	11 553	10 500	10 500	11 000	12 000	2b
Jordan	216 566	168 264	112 787	100 584	181 018	1e
Kenya	760	780	780	1 000	1 000	2n
Korea, Republic of	936 537	1 074 936	958 836	1 053 576	1 182 299	1s

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Malaysia	326 928	494 511	341 223	587 500	419 157	1e
Mexico	16 241	32 600	18 900	86 800	82 000	2e
New Zealand	15 250	15 750	14 864	14 130	12 761	1s
Nigeria	92 875	92 000	96 590	60 000	60 000	2n
Pakistan	25 204	37 732	53 071	30 979	40 000	2b
Paraguay	140 000	137 000	150 000	70 000	66 000	1b
Peru	2 400	2 567	2 720	4 772	13 215	1s
Philippines	2 000	3 388	2 238	2 200	2 391	1e
Poland	360 000	380 000	290 000	287 000	318 000	1a
Portugal	180 000	170 000	170 000	170 000	170 000	2n
Romania	22 337	26 772	22 500	6 879	3 060	1a
Russia (Europe)	45 000	45 000	45 000	45 000	45 000	2s
Saudi Arabia	2 135	2 300	2 370	4 000	4 400	1a
Serbia and Montenegro	58 000	50 000	60 000	0	0	--
Serbia, Rep. of	0	0	0	97 432	110 000	2b
Slovakia	55 385	27 730	25 000	19 200	40 300	1e
South Africa, Rep. of	81 901	59 356	51 602	51 218	39 506	1s
Spain	437 990	456 000	476 327	475 000	430 000	1a
Sri Lanka	8 700	9 914	10 914	11 178	11 000	1b
Taiwan	35 001	9 423	4 107	5 060	33 745	1a
Tanzania	1 996	2 087	1 815	1 815	1 800	2n
Thailand	200 671	165 884	157 900	159 186	162 215	1s
Turkey	536 008	615 271	600 000	456 238	232 746	1s
Uganda	37	55	25	20	20	2b
United Kingdom	1 944 955	1 910 874	1 762 328	1 671 426	1 355 365	1e
United States	7 760 000	7 800 000	7 470 000	7 110 000	6 750 000	2b
Venezuela	28 000	10 000	10 000	9 100	10 000	2s
Viet Nam	741 700	780 000	800 000	540 000	500 000	2n
Total	26 299 870	27 060 651	26 362 081	25 975 417	26 454 002	

## Magnesite

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	586 393	590 000	475 000	447 000	126 000	1e
Austria	715 459	693 754	769 188	811 556	837 476	1e
Bosnia-Herzegovina	2 000	1 900	1 000	1 000	1 000	2n
Brazil	350 000	386 759	383 000	399 000	387 000	2s
Canada	140 000	120 000	100 000	180 000	180 000	2s
China	6 500 000	6 600 000	6 700 000	8 000 000	10 000 000	1b
Colombia	10 500	10 500	10 500	10 500	10 500	2n
DPR Korea	600 000	800 000	1 000 000	1 000 000	1 200 000	2s
Greece	499 474	500 000	469 106	453 877	529 546	1e
India	383 953	340 674	241 920	237 546	247 421	1s
Iran	91 700	94 850	103 278	110 000	120 000	2n
Kosovo	0	0	0	0	10 000	2b
Pakistan	6 074	3 029	2 692	1 075	4 000	2b
Philippines	3 201	2 413	3 630	3 600	3 976	1s
Poland	57 900	55 300	63 000	63 000	60 000	1a

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Russia (Asia)	260 000	260 000	260 000	260 000	260 000	2s
Russia (Europe)	2 340 000	2 340 000	2 340 000	2 340 000	2 340 000	2s
Serbia and Montenegro	70 000	60 000	50 000	0	0	--
Serbia, Rep. of	0	0	0	20 000	10 000	1s
Slovakia	965 900	1 555 000	1 600 000	1 503 600	1 438 500	1e
South Africa, Rep. of	65 900	54 800	55 000	55 000	55 000	2n
Spain	503 261	564 570	520 646	463 850	443 000	1a
Turkey	3 732 952	2 372 206	2 088 033	2 100 000	2 143 047	2s
Zimbabwe	749	864	939	940	940	2s
<b>Total</b>	<b>17 885 416</b>	<b>17 406 619</b>	<b>17 236 932</b>	<b>18 461 544</b>	<b>20 407 406</b>	

## Perlite

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Argentina	20 000	21 991	25 146	35 838	26 545	2e
Armenia	29 996	49 963	50 000	35 000	35 000	1b
Australia	2 100	2 000	4 000	7 000	7 000	1b
Greece	1 053 388	1 075 129	1 039 150	900 373	861 157	1e
Hungary	65 000	69 900	71 019	68 000	132 000	1s
Iran	26 495	30 051	30 000	30 000	40 307	1e
Japan	255 000	240 000	240 000	240 000	230 000	2b
Mexico	188 027	91 724	81 719	54 405	43 180	1b
New Zealand	5 600	7 310	3 552	7 873	6 000	2n
Philippines	7 200	4 409	4 000	4 515	4 593	1e
Russia (Europe)	56 000	55 000	52 000	45 000	45 000	2n
Slovakia	16 000	8 500	10 560	13 000	15 500	1e
South Africa, Rep. of	540	530	400	400	400	2n
Turkey	133 829	156 935	145 000	160 000	160 000	2s
United States	508 000	508 000	454 000	409 000	434 178	1a
<b>Total</b>	<b>2 367 175</b>	<b>2 321 442</b>	<b>2 210 546</b>	<b>2 010 404</b>	<b>2 040 860</b>	

## Phosphate

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Algeria	129 600	298 520	513 400	612 008	613 700	1a
Australia	463 587	445 050	479 194	489 670	495 420	1e
Brazil	2 122 291	1 920 171	2 022 812	2 109 085	2 118 000	2b
Burkina Faso	650	650	650	650	650	1b
Chile	6 010	5 700	3 874	7 020	10 722	1e
China	10 740 000	10 860 000	11 700 000	13 626 000	15 222 180	1s
Christmas Island	183 000	180 000	220 000	225 190	224 000	1e
Colombia	8 300	8 500	8 000	8 000	8 000	2n
DPR Korea	95 000	95 000	95 000	95 000	100 000	2s
Egypt	948 000	622 000	625 000	584 200	921 881	2s

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



Finland	268 000	263 356	274 535	265 920	280 800	2s
India	349 000	355 000	355 000	358 000	473 310	1s
Indonesia	200	200	200	200	200	2n
Iran	68 725	85 250	40 000	40 500	76 143	1e
Iraq	300	300	300	0	0	1e
Israel	900 000	890 000	810 000	840 000	850 000	2b
Jordan	1 980 000	2 040 000	1 857 597	1 776 583	2 004 987	1e
Kazakhstan	66 700	52 000	55 000	77 500	154 400	1a
Mexico	120	120	0	12 510	200 000	2e
Morocco	8 507 000	9 195 000	8 129 100	8 291 400	7 940 603	1e
Nauru	10 000	6 000	25 000	60 000	60 000	2n
Pakistan	840	490	500	198	540	2s
Peru	17 110	17 690	17 075	17 000	15 000	2n
Philippines	2 380	2 178	1 963	1 961	2 271	1s
Russia (Europe)	4 420 000	4 500 000	4 433 000	4 495 000	4 500 000	1s
Senegal	150 240	156 000	151 200	144 000	140 000	2n
South Africa, Rep. of	998 275	940 605	959 585	932 839	800 378	1s
Sri Lanka	38 000	41 811	44 000	40 128	40 000	1b
Syria	850 000	1 050 000	1 099 200	1 103 400	966 414	1s
Tanzania	2 000	2 100	860	2 500	2 500	2n
Thailand	2 580	3 020	2 500	3 550	3 675	1s
Togo	334 560	314 368	346 950	250 000	252 750	1s
Tunisia	2 400 000	2 400 000	2 116 800	2 230 000	2 331 000	1a
United States	10 400 000	10 300 000	8 680 000	8 480 000	8 589 000	1a
Venezuela	84 016	109 760	112 000	112 000	115 000	2b
Viet Nam	271 500	307 260	369 720	425 730	629 670	1s
Zimbabwe	27 000	14 625	21 068	16 440	7 080	1s
Total	46 844 984	47 482 724	45 571 083	47 734 182	50 150 274	

## Potash

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Belorussia	4 600 000	4 844 000	4 605 000	4 971 600	4 967 000	1s
Brazil	403 080	404 871	403 000	471 000	383 000	2s
Canada	10 792 000	10 497 000	8 369 000	10 833 000	10 455 000	1s
Chile	742 709	733 814	647 449	690 692	753 995	1e
China	1 128 000	1 450 000	1 571 900	1 822 600	1 980 000	1s
France	70 000	68 000	0	0	0	1s
Germany, Federal Rep.	3 505 000	3 664 000	3 625 000	3 637 000	3 280 000	1a
Israel	2 251 379	2 341 892	2 200 000	2 150 000	2 169 316	1a
Jordan	1 157 360	1 097 487	1 020 000	1 796 569	2 004 634	1e
Russia (Europe)	5 599 100	6 275 600	5 274 100	6 373 100	5 935 400	1s
Spain	553 210	550 000	493 189	530 700	473 000	1a
Ukraine	60 000	60 000	65 000	65 000	65 000	2n
United Kingdom	539 500	439 200	427 000	430 000	403 800	1e
United States	1 300 000	1 200 000	1 100 000	1 100 000	1 100 000	2b
Total	32 701 338	33 625 864	29 800 638	34 871 261	33 970 145	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Salt

Country	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Afghanistan	25 000	27 000	27 800	27 000	20 000	2n
Albania	17 000	16 800	16 600	17 000	20 000	2n
Algeria	183 000	191 132	259 596	183 189	201 603	1a
Angola	16 000	30 000	35 000	30 000	35 000	2s
Argentina	1 100 000	1 699 539	1 917 898	2 357 674	1 681 261	2e
Armenia	31 625	34 700	37 000	34 800	37 000	2b
Australia	11 221 000	12 444 000	14 263 000	11 440 000	11 160 000	1s
Austria	1 030 234	1 024 090	807 278	741 685	873 961	1e
Azerbaijan	9 234	11 202	12 000	7 126	7 527	1s
Bahamas	1 269 000	1 270 000	1 152 000	578 000	600 000	2b
Bangladesh	350 000	350 000	350 000	360 000	350 000	2b
Belorussia	1 883 138	1 839 300	2 075 693	1 665 350	2 000 000	2b
Benin	15 000	15 000	15 000	15 000	15 000	2n
Bolivia	869	552	500	1 000	2 000	2b
Bosnia-Herzegovina	260 456	392 940	416 300	416 500	562 127	1a
Botswana	208 319	243 945	151 595	165 710	170 994	1b
Brazil	6 100 000	7 200 000	8 370 000	8 635 000	6 900 000	2b
Bulgaria	1 358 400	1 366 100	1 438 000	1 444 000	1 509 900	1a
Cambodia	86 600	90 963	59 000	76 651	75 000	2s
Canada	14 125 000	13 737 000	13 338 000	11 815 000	11 116 000	2e
Cape Verde	1 200	1 600	1 600	1 600	1 600	1b
Chile	4 938 928	6 067 583	4 580 471	4 403 743	4 400 000	2n
China	37 100 000	37 600 000	54 030 000	59 760 000	59 520 000	1b
Colombia	526 064	649 190	637 875	513 647	554 727	1a
Costa Rica	35 000	37 000	37 000	37 000	36 000	2n
Croatia	29 923	33 856	30 389	32 456	32 500	2b
Cuba	408 200	351 100	266 000	141 300	157 300	1e
DPR Korea	500 000	500 000	500 000	500 000	500 000	2s
Denmark	610 000	610 000	620 000	600 000	600 000	2b
Dominican Republic	50 000	50 000	50 000	50 000	50 000	2n
Egypt	1 532 362	1 200 000	1 500 000	1 500 000	1 000 000	2s
El Salvador	21 440	31 000	31 000	32 342	27 482	1a
Eritrea	30 754	6 300	9 736	7 448	26 071	1s
Ethiopia	75 000	87 354	17 000	20 000	40 004	1a
France	4 500 000	4 900 000	5 200 000	6 139 840	6 000 000	2s
Germany, Federal Rep.	18 696 000	18 731 000	19 146 000	15 669 000	15 519 000	1a
Ghana	265 000	250 000	250 000	250 000	250 000	2b
Greece	187 522	198 024	169 700	212 000	220 000	1e
Guatemala	60 000	60 000	60 000	60 000	50 000	2s
Honduras	29 800	26 000	26 000	26 000	25 000	2n
Iceland	4 600	4 600	4 500	4 500	5 000	2b
India	14 761 200	19 923 900	18 085 800	18 001 100	16 000 000	2b
Indonesia	680 000	680 000	700 000	700 000	700 000	2b
Iran	2 023 000	2 100 000	2 617 902	2 534 871	2 447 428	1a
Iraq	50 000	25 000	25 000	25 000	25 000	2b
Israel	398 000	406 109	434 000	400 000	420 809	1a
Italy	3 174 000	3 613 000	3 438 000	3 200 000	2 200 000	2b

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen

Jamaica	17 500	19 000	20 000	19 000	19 000	2b
Japan	1 225 000	1 227 000	1 166 000	1 138 000	1 132 000	1a
Jordan	28 750	29 500	28 800	17 000	25 530	1e
Kenya	31 139	26 595	35 024	11 596	26 051	1a
Kuwait	10 200	8 100	13 200	14 000	15 000	2b
Laos	15 000	34 139	35 000	35 000	35 000	2b
Lebanon	3 500	3 800	3 500	3 500	4 000	2b
Libya	40 000	40 000	40 000	40 000	40 000	2s
Madagascar	55 000	65 000	75 000	75 000	70 000	2s
Malta	6 000	6 000	6 000	6 000	6 000	1b
Mexico	8 565 820	9 507 623	7 987 300	8 032 300	8 808 714	1s
Mongolia	1 550	1 896	1 154	1 143	103	1b
Montenegro	0	0	0	20 000	25 200	1s
Morocco	277 600	351 900	319 900	215 800	219 187	1e
Mozambique	28 000	35 000	40 000	80 000	90 000	2n
Myanmar	35 000	35 000	35 000	35 000	35 000	2n
Namibia	750 821	573 248	603 501	805 374	800 000	2s
Nepal	4 000	2 000	0	2 000	0	1b
Netherlands	5 895 648	6 155 651	6 056 000	6 177 000	6 694 000	1e
New Zealand	94 010	90 000	83 000	102 000	100 000	2b
Nicaragua	52 000	52 000	50 000	50 000	50 000	2n
Niger	2 000	1 269	1 300	1 300	1 300	2s
Oman	12 350	10 906	11 453	11 000	10 000	2b
Pakistan	1 280 000	1 662 000	2 199 952	1 817 505	1 860 000	1s
Panama	18 592	19 429	19 080	20 315	20 000	2n
Peru	248 898	250 000	252 000	250 000	250 000	2n
Philippines	400 000	420 950	430 000	437 689	510 059	1e
Poland	4 039 241	4 013 160	4 028 951	3 104 000	3 026 000	1a
Portugal	737 104	690 440	663 048	654 636	560 361	1a
Puerto Rico	34 300	36 000	36 500	35 000	35 000	2n
Romania	2 398 607	2 550 000	2 612 749	2 475 324	2 524 795	1a
Russia (Europe)	3 000 000	2 800 000	2 800 000	2 800 000	2 200 000	2b
Saudi Arabia	1 430 000	1 400 000	1 390 000	1 840 000	1 600 000	1a
Senegal	168 000	134 000	199 000	200 000	240 000	2s
Serbia and Montenegro	32 583	30 000	29 847	0	0	--
Serbia, Rep. of	0	0	0	30 023	30 115	1s
Slovakia	104 300	105 100	106 000	116 660	99 310	1e
Slovenia	5 000	4 200	1 624	3 029	535	1a
Somalia	1 000	1 000	1 100	0	0	2s
South Africa, Rep. of	450 000	399 087	434 000	405 000	415 996	1s
Spain	3 972 842	3 900 000	4 431 215	4 360 000	3 910 000	1a
Sri Lanka	78 135	67 029	87 560	70 209	70 000	1b
Sudan	60 000	84 000	11 638	22 922	23 000	2b
Switzerland	486 000	539 000	525 000	341 000	300 000	2b
Syria	110 000	110 000	133 000	81 000	88 600	2s
Taiwan	159 091	114 389	107 713	107 720	118 046	1s
Tanzania	57 062	51 166	34 798	35 224	25 896	1s
Thailand	1 131 200	1 074 214	1 108 251	1 234 931	1 311 581	1s
Tunisia	1 117 000	1 132 000	1 120 000	930 000	1 063 500	1s
Turkey	2 157 718	1 726 233	1 700 000	1 700 000	1 867 981	1s
Turkmenistan	215 000	215 000	215 000	215 000	215 000	2s
Uganda	5 000	5 000	5 000	5 000	4 000	2n

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Ukraine	4 393 000	4 811 000	5 996 000	5 548 000	4 424 878	1s
United Arab Emirates	24 000	27 000	29 000	29 000	29 000	2n
United Kingdom	5 800 000	5 800 000	5 800 000	5 800 000	5 800 000	1e
United States	46 500 000	45 100 000	44 400 000	44 500 000	47 280 000	1a
Venezuela	350 000	380 000	350 000	350 000	350 000	2b
Viet Nam	906 000	898 000	842 000	920 000	950 000	2s
Yemen, Republic of	39 000	47 000	53 000	60 000	70 000	2n
Total	229 037 429	238 998 903	255 974 391	252 223 732	247 625 032	

## Sulfur

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Albania	830	810	800	800	750	2n
Algeria	20 000	19 000	18 700	19 000	19 300	2n
Australia	910 000	975 000	975 000	1 040 000	926 000	2s
Austria	10 705	8 458	10 166	10 786	8 016	1e
Bahrain	71 258	72 963	70 000	72 000	74 000	2n
Brazil	395 609	398 528	435 696	479 666	548 000	2s
Bulgaria	326 000	342 000	375 000	378 000	380 000	2n
Canada	9 084 800	8 972 250	9 082 300	8 967 577	7 971 000	2e
China	6 630 000	6 400 000	7 800 000	8 460 000	8 610 000	1b
Colombia	97 586	64 660	30 018	24 000	24 000	2n
DPR Korea	42 000	42 000	42 000	42 000	44 000	2s
Ecuador	24 700	24 700	25 000	25 000	25 000	2s
Egypt	78 000	78 000	80 000	80 000	80 000	2s
Finland	674 220	559 150	595 493	645 000	707 300	2s
France	848 400	749 345	691 234	680 820	654 000	2s
Germany, Federal Rep.	976 729	1 054 800	1 113 802	1 093 325	1 029 667	1a
Greece	169 500	169 500	169 500	159 000	159 000	2n
India	1 040 000	1 213 000	1 602 000	1 906 000	1 170 000	1b
Indonesia	272 000	317 000	273 000	300 000	309 000	2s
Iran	1 400 000	1 440 000	1 440 000	1 456 000	1 570 000	2b
Iraq	100 000	100 000	100 000	100 000	100 000	2n
Italy	688 000	742 000	767 000	734 000	740 000	2b
Japan	3 158 000	3 256 000	3 293 000	3 714 000	3 831 000	2a
Kazakhstan	1 980 000	2 030 000	2 100 000	2 150 000	2 124 600	1s
Kuwait	682 000	836 000	742 000	830 000	830 000	2n
Libya	50 000	50 000	50 000	150 000	150 000	2s
Lithuania	67 094	74 276	61 135	42 618	73 870	1s
Mexico	1 824 546	1 719 000	1 698 000	1 648 000	1 559 000	1s
Namibia	1 829	518	0	0	0	1s
Norway	123 000	129 000	130 000	113 000	123 000	2s
Pakistan	23 873	24 158	24 730	27 710	29 000	2s
Peru	204 100	204 100	204 100	204 100	204 100	2n
Poland	1 292 589	1 277 399	1 311 300	1 348 900	1 303 000	2a
Qatar	307 187	450 000	395 000	420 000	570 017	1a
Romania	17 836	16 000	8 437	270	0	1a
Russia (Europe)	6 867 000	7 245 000	7 282 000	7 356 000	7 372 000	1s

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen

Saudi Arabia	2 249 295	2 716 835	2 906 911	2 900 000	2 900 000	1a
Serbia and Montenegro	51 000	51 000	51 000	0	0	--
Serbia, Rep. of	0	0	0	51 000	51 000	1b
South Africa, Rep. of	640 000	755 813	650 000	640 000	630 000	2n
Spain	633 000	691 000	697 000	693 000	569 000	1b
Taiwan	222 670	267 790	245 789	249 156	211 869	1e
Turkey	88 000	131 000	132 000	134 000	152 000	2s
Turkmenistan	4 500	4 800	5 000	5 000	5 000	2n
Ukraine	136 000	139 000	133 000	131 000	134 000	2s
United Arab Emirates	80 000	85 000	87 000	87 000	87 000	2n
United Kingdom	110 000	124 000	115 000	130 000	135 000	1e
United States	10 100 000	9 500 000	9 050 000	9 090 000	9 526 000	1a
Venezuela	730 000	950 000	950 000	850 000	800 000	2b
Zambia	52 000	52 000	75 000	98 000	131 000	2s
Zimbabwe	42 400	20 041	39 777	0	0	1e
Total	55 598 256	56 542 894	58 133 888	59 735 728	58 650 489	

## Talc

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Argentina	7 620	11 492	13 773	14 956	12 988	2e
Australia	151 582	150 000	155 000	151 000	120 000	1b
Austria	136 305	166 569	159 447	153 409	154 577	1e
Bhutan	29 631	42 791	54 208	62 014	56 077	1b
Brazil	500 000	401 124	389 000	401 204	405 000	2b
Canada	87 000	85 000	85 000	67 000	70 000	2b
Chile	2 993	4 201	1 961	2 104	961	1e
China	2 500 000	2 800 000	3 000 000	2 400 000	2 200 000	1b
Colombia	16 600	16 900	15 000	15 000	15 000	2b
DPR Korea	50 000	50 000	50 000	50 000	50 000	2s
Egypt	54 145	38 780	55 000	40 572	43 990	1s
Finland	528 943	508 169	547 146	535 882	550 000	2s
France	340 000	330 000	350 000	420 000	420 000	2s
Greece	200	500	250	200	200	1e
Guatemala	2 863	1 631	526	500	583	1e
Hungary	700	0	0	0	0	1s
India	955 665	864 060	836 754	1 013 379	1 046 410	1s
Iran	65 833	70 600	62 743	70 000	50 515	1e
Italy	111 887	112 781	146 942	112 080	140 000	2b
Japan	423 475	376 602	325 000	275 000	330 000	2b
Korea, Republic of	907 806	969 030	741 583	805 611	825 000	2b
Macedonia	4 350	1 955	1 025	1 775	977	1b
Mexico	101 896	64 827	40 535	32 410	16 405	1s
Morocco	47 800	33 300	14 300	27 000	26 000	1s
Nepal	3 400	5 832	6 648	9 043	9 040	1b
Norway	28 000	34 000	34 000	34 000	30 000	2s
Peru	22 594	24 351	29 118	46 182	35 968	1s
Portugal	6 231	5 362	5 517	12 367	8 447	1a

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Romania	9 725	6 760	10 745	1 513	1 943	1a
Russia (Asia)	80 000	45 000	50 000	75 000	80 000	2b
Russia (Europe)	80 000	45 000	50 000	75 000	80 000	2b
Slovakia	7 100	200	300	200	200	1e
South Africa, Rep. of	37 087	68 787	85 886	90 000	85 849	1s
Spain	107 829	110 015	83 502	85 000	60 000	1a
Sweden	8 000	7 000	6 000	7 000	4 000	2s
Taiwan	410	0	0	0	0	1a
Thailand	121 283	187 954	136 216	418 928	154 000	2b
Turkey	5 000	5 300	7 000	5 000	5 000	2n
United Kingdom	3 881	6 000	4 325	2 850	2 410	1e
United States	833 000	856 000	895 215	769 000	706 000	1a
Uruguay	1 041	1 131	1 544	850	1 000	2s
Zambia	250	230	220	0	0	1s
<b>Total</b>	<b>8 382 125</b>	<b>8 509 234</b>	<b>8 451 429</b>	<b>8 283 029</b>	<b>7 798 540</b>	

## Vermiculite

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Argentina	1 200	1 403	1 585	1 726	1 813	2e
Australia	9 400	9 200	9 000	8 900	8 319	1s
Brazil	24 194	19 297	19 190	19 000	20 000	2s
Egypt	400	6 655	6 600	5 770	7 560	1s
India	3 377	6 674	11 827	10 801	13 368	1s
Japan	5 900	6 000	6 000	6 000	6 000	2s
Kenya	80	75	72	70	70	2n
Russia (Europe)	21 000	25 000	25 000	30 000	25 000	2b
South Africa, Rep. of	196 900	209 801	197 800	200 000	199 764	1s
Ukraine	62 000	64 000	65 000	60 000	60 000	2n
United States	90 000	105 000	100 000	100 000	108 679	1a
Zimbabwe	16 000	23 045	13 421	13 000	13 000	2s
<b>Total</b>	<b>430 451</b>	<b>476 150</b>	<b>455 495</b>	<b>455 267</b>	<b>463 573</b>	

## Zirconium

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	439 000	426 000	492 000	605 000	550 000	1e
Brazil	18 700	25 657	26 500	26 800	26 800	2b
China	140 000	160 000	135 000	140 000	140 000	2s
India	25 432	27 133	22 000	24 000	24 000	2s
Malaysia	6 886	4 954	1 690	7 393	984	1s
South Africa, Rep. of	302 000	314 000	414 400	388 800	404 000	1s
Sri Lanka	12 826	23 587	8 321	381	1 447	1s
Thailand	0	0	0	1 023	0	1s

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Ukraine	34 300	35 000	36 000	35 000	35 000	2b
United States	172 000	164 000	143 000	120 000	122 000	2s
Total	1 151 144	1 180 331	1 278 911	1 348 397	1 304 231	

## 6.5.5 Mineral Fuels / Energierohstoffe

### Steam Coal

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Afghanistan	240 000	280 000	300 000	140 000	100 000	2n
Argentina	370 000	320 000	295 333	220 075	207 983	2e
Australia	168 005 000	170 862 000	174 561 000	181 100 000	184 000 000	1e
Belgium	181 000	109 000	28 000	0	0	1a
Bhutan	29 631	85 279	82 000	105 261	123 704	2b
Botswana	913 087	984 876	962 427	1 038 000	1 036 000	2p
Brazil	5 000 000	6 048 105	5 980 000	6 000 000	6 100 000	1s
Bulgaria	15 000	17 000	51 900	18 100	20 200	1a
Canada	3 753 000	4 128 000	3 900 000	4 826 000	5 259 000	1e
Chile	233 000	544 000	674 000	243 000	424 000	2p
China	1 730 289 000	1 878 260 000	1 981 235 000	2 087 293 000	2 333 954 000	2p
Colombia	57 000 000	59 064 000	65 596 000	71 093 000	77 264 000	1p
Congo,D.R.	107 000	120 000	124 000	128 000	116 000	2p
Czech Republic	5 987 000	6 118 000	5 646 000	4 788 000	4 685 000	1p
DPR Korea	24 371 000	26 864 000	27 161 000	28 552 000	28 552 000	2p
Egypt	33 000	25 000	25 000	25 000	24 000	2p
France	872 000	780 000	452 000	380 000	277 000	2p
Georgia	8 000	5 100	9 000	9 000	9 000	2n
Germany, Federal Rep.	12 516 000	12 847 000	10 649 000	10 432 000	8 589 000	1a
Hungary	260 000	240 000	100 000	0	0	2p
India	357 650 000	380 877 000	404 500 000	426 891 000	461 890 000	1p
Indonesia	109 923 000	134 653 000	168 906 000	199 699 000	214 873 000	2p
Iran	410 000	400 000	504 000	595 000	568 000	2p
Italy	98 000	95 000	21 000	158 000	120 000	2p
Kazakhstan	72 047 000	71 807 000	79 463 000	81 131 000	90 567 000	2p
Korea, Republic of	3 191 000	2 832 000	2 824 000	2 886 000	2 773 000	1s
Kyrgyzstan	49 000	49 000	45 000	149 000	182 000	2p
Malawi	40 891	51 870	60 408	58 550	60 000	2b
Malaysia	389 200	789 400	901 800	1 063 100	1 145 594	1e
Mexico	8 147 000	8 963 000	9 573 000	9 013 000	9 589 000	2p
Mongolia	95 000	105 000	129 000	148 000	470 000	2p
Mozambique	16 525	3 417	41 000	28 000	25 000	1p
Myanmar	839 000	993 000	1 006 000	1 075 000	992 000	2p
Nepal	9 000	9 000	9 000	9 000	12 000	2p
New Zealand	2 450 000	2 575 000	2 750 000	2 652 000	2 302 000	2p
Niger	200 384	182 060	176 320	171 296	182 912	1s
Nigeria	3 000	8 000	8 000	8 000	8 000	2p

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Norway	2 904 000	1 620 000	2 400 000	3 223 000	3 926 000	2p
Pakistan	4 587 000	4 871 000	3 643 000	5 032 000	3 425 000	2p
Peru	22 000	43 000	107 000	112 000	128 000	2p
Philippines	2 479 000	2 877 000	2 353 000	3 398 000	2 356 000	2p
Poland	84 705 000	83 833 000	80 650 000	73 770 400	71 679 000	1a
Romania	2 675 737	3 000 000	2 841 024	2 463 430	2 801 000	1a
Russia (Asia)	128 998 000	153 708 000	156 391 000	179 418 000	181 942 000	1p
Serbia and Montenegro	85 000	80 000	141 000	0	0	--
South Africa, Rep. of	241 574 000	243 346 000	243 121 000	241 917 000	234 219 000	2p
Spain	8 912 667	8 553 427	8 353 000	7 871 000	7 304 000	1a
Swaziland	400 000	221 701	310 570	311 000	250 000	1b
Tajikistan	53 000	76 000	87 000	84 000	84 000	2p
Tanzania	65 000	75 000	80 000	68 000	68 000	2p
Turkey	1 282 000	1 522 000	1 688 000	1 778 000	1 016 000	2p
Ukraine	32 950 000	36 841 000	38 388 000	36 712 000	37 591 000	2p
United Kingdom	24 744 000	20 224 000	18 262 000	18 260 000	16 203 000	2p
United States	899 121 000	915 996 000	946 874 000	933 480 000	1 048 557 642	1a
Uzbekistan	81 000	95 040	99 200	99 000	99 000	2n
Venezuela	6 748 000	7 195 000	7 338 000	8 395 000	8 792 000	2p
Viet Nam	25 500 000	32 396 000	37 899 000	44 580 000	39 940 000	2p
Zambia	233 000	244 000	244 000	168 000	165 000	2n
Zimbabwe	2 784 000	2 931 000	2 790 000	2 620 000	3 034 000	2p
Total	4 036 644 122	4 291 842 275	4 502 808 982	4 685 885 212	5 100 080 035	

## Coking Coal

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	117 849 000	129 328 000	125 154 000	141 900 000	145 000 000	1e
Brazil	214 000	210 000	180 000	194 000	419 000	2p
Canada	25 509 000	26 613 000	26 000 000	27 988 000	27 942 000	1e
China	225 697 000	280 648 000	338 972 000	379 135 000	427 437 000	2p
Colombia	525 000	514 000	554 000	565 000	1 348 000	1p
Czech Republic	7 316 000	7 136 000	7 739 000	7 674 000	7 512 000	1a
Germany, Federal Rep.	16 635 000	15 171 000	13 113 000	13 753 000	10 554 000	1a
India	22 422 000	23 584 000	23 747 000	24 701 000	27 586 000	1p
Iran	810 000	930 000	1 024 531	1 047 000	992 000	2p
Kazakhstan	11 018 000	10 981 000	12 113 000	10 992 000	13 850 000	2p
Mexico	1 735 000	1 792 000	1 914 000	2 029 000	1 889 000	2p
Mongolia	0	0	228 000	153 000	634 000	2p
New Zealand	2 470 000	2 446 000	2 766 000	1 924 000	2 353 000	2p
Poland	16 526 000	14 071 000	14 570 000	13 636 400	11 921 000	1a
Russia (Asia)	61 143 000	55 505 000	54 027 000	61 942 000	65 140 000	1p
South Africa, Rep. of	1 247 000	1 640 000	1 663 000	1 655 000	1 531 000	2p
Turkey	664 000	648 000	631 000	684 000	1 615 000	2p
Ukraine	26 179 000	23 166 000	23 051 000	22 044 000	21 757 000	2p
United Kingdom	352 000	274 000	266 000	266 000	307 000	2p
United States	44 222 000	46 444 000	44 599 000	47 307 000	57 367 000	1p
Zimbabwe	651 000	690 000	657 000	617 000	714 000	2p
Total	583 184 000	641 791 000	692 968 531	760 206 400	827 868 000	

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen



## Lignite

Country	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Albania	15 000	20 000	12 000	13 000	13 000	2n
Australia	69 500 000	67 152 000	71 240 000	65 000 000	66 000 000	2e
Austria	235 397	6 168	7 854	0	0	1e
Bosnia-Herzegovina	8 884 000	9 119 000	10 125 000	9 540 000	7 148 312	1a
Bulgaria	26 400 000	22 205 000	22 749 500	28 156 500	28 847 700	1a
Canada	36 735 000	36 759 000	36 104 000	35 635 000	34 908 000	2e
China	50 000 000	48 300 000	10 000 000	10 000 000	9 000 000	2n
Czech Republic	48 497 000	48 772 000	49 059 000	50 000 000	52 676 000	1p
DPR Korea	7 340 000	7 746 000	7 946 000	6 478 000	8 956 000	2p
Germany, Federal Rep.	181 926 110	177 907 000	176 321 117	180 409 000	175 313 000	1a
Greece	71 237 228	71 200 000	63 362 562	61 888 201	65 309 814	1e
Hungary	10 965 000	9 602 000	9 952 000	9 813 000	9 404 000	2p
India	30 411 000	30 228 000	31 285 000	32 845 000	32 242 000	2p
Kazakhstan	3 945 000	4 498 500	4 655 000	4 370 100	4 776 700	1a
Kosovo	0	0	0	0	7 842 000	1b
Kyrgyzstan	397 000	286 000	276 000	358 000	364 000	2p
Laos	332 907	232 934	233 000	620 000	600 000	1s
Macedonia	7 245 000	6 881 000	6 639 000	6 509 000	5 046 000	2p
Mongolia	6 865 000	7 517 100	7 945 000	9 090 000	9 012 000	1p
Montenegro	0	0	0	1 195 515	1 740 076	1b
Myanmar	213 000	367 000	380 000	414 000	328 000	2p
Nepal	10 500	9 289	11 963	16 372	16 300	1b
New Zealand	239 000	246 445	251 000	260 000	253 000	2p
Poland	61 200 000	61 636 445	60 830 000	57 704 000	59 900 000	1a
Romania	30 410 351	31 122 000	32 600 000	32 965 362	32 300 000	1a
Russia (Asia)	63 270 000	62 267 000	66 733 000	65 070 000	68 439 600	1p
Russia (Europe)	7 030 000	7 366 800	7 415 000	7 230 000	7 604 400	1p
Serbia and Montenegro	41 000 000	38 700 000	38 907 000	0	0	--
Serbia, Rep. of	0	0	0	35 578 000	29 605 000	1t
Slovakia	3 101 790	2 513 000	2 201 000	1 856 000	2 242 820	1e
Slovenia	4 800 000	4 539 556	4 520 754	4 521 183	4 497 270	1a
Spain	11 572 909	10 941 127	10 044 000	9 307 000	2 896 000	1a
Tajikistan	15 000	15 000	15 000	12 000	12 000	2p
Thailand	20 000 000	20 878 176	19 055 000	17 869 000	17 568 000	2p
Turkey	43 754 159	56 170 000	61 936 000	70 004 000	73 124 000	2p
Ukraine	460 000	354 000	232 000	280 000	289 000	2p
United States	75 000 000	76 113 000	76 429 000	71 232 000	68 659 367	1a
Uzbekistan	2 699 000	3 003 000	3 126 000	3 300 000	2 400 000	2p
Total	925 706 351	924 673 540	892 598 750	889 539 233	889 333 359	

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen

## Natural Gas

C o u n t r y	2004 Mio m <sup>3</sup>	2005 Mio m <sup>3</sup>	2006 Mio m <sup>3</sup>	2007 Mio m <sup>3</sup>	2008 Mio m <sup>3</sup>	Rem
Afghanistan	320	330	340	50	50	2s
Albania	10	11	11	11	10	2n
Algeria	80 100	89 235	88 209	84 837	88 000	1i
Angola	750	650	680	830	630	1o
Argentina	37 100	40 200	45 619	44 000	43 000	1i
Australia	35 225	37 112	38 883	39 959	38 256	1e
Austria	2 011	1 654	1 765	1 834	1 543	1e
Azerbaijan	4 995	5 732	6 824	9 769	9 800	2n
Bahrain	9 800	10 700	11 100	11 500	12 640	1o
Bangladesh	13 100	14 000	15 300	15 700	15 800	2n
Barbados	23	20	23	23	21	1s
Belorussia	245	228	219	201	203	1s
Bolivia	12 658	12 536	13 433	14 301	14 200	1o
Brazil	14 000	14 600	17 200	18 152	12 500	1r
Brunei	11 300	11 800	11 600	12 535	12 434	1a
Bulgaria	333	535	519	295	218	1a
Canada	184 100	186 500	188 400	179 350	166 900	1r
Chile	2 106	2 294	2 199	2 015	1 828	1e
China	41 500	50 000	43 200	59 600	59 600	1i
Colombia	6 400	6 800	7 300	7 700	9 240	1a
Cote d'Ivoire	1 302	1 302	1 302	1 302	1 500	2s
Croatia	2 352	2 432	2 864	3 001	2 847	1a
Cuba	704	743	1 091	1 218	1 161	1a
Czech Republic	175	356	148	148	167	1a
Denmark	8 400	9 400	10 878	10 046	9 100	1o
Ecuador	240	260	280	275	260	1o
Egypt	27 000	25 000	43 000	44 000	46 500	1i
France	1 200	1 100	1 200	1 100	925	1s
Gabon	80	80	113	100	100	2n
Germany, Federal Rep.	20 405	19 762	19 776	18 075	16 547	1a
Greece	23	30	23	21	14	1e
Guatemala	7	9	10	10	10	2n
Hungary	3 285	3 159	3 100	2 653	2 610	1o
India	29 200	29 600	29 300	30 200	32 200	1o
Indonesia	55 105	84 894	82 036	78 810	70 000	1o
Iran	91 800	100 900	108 600	111 900	112 000	1i
Iraq	1 000	1 450	1 450	1 460	1 480	2n
Ireland	846	570	535	519	506	1s
Israel	1 192	1 655	2 313	2 758	3 430	1a
Italy	12 500	12 000	10 900	9 860	9 140	1r
Japan	2 883	3 120	3 302	3 708	3 735	1a
Jordan	294	290	251	220	240	2n
Kazakhstan	20 600	23 300	24 600	29 561	32 889	1a
Kuwait	10 900	12 300	12 410	12 060	12 700	1o
Kyrgystan	28	30	20	10	10	2n
Libya	8 050	11 300	13 195	15 280	15 900	2o
Malaysia	53 688	54 400	64 000	65 000	57 300	1o

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Mexico	42 400	43 900	50 900	55 400	58 300	1i
Morocco	40	40	56	61	50	2s
Myanmar	10 200	13 000	13 400	14 700	12 400	1o
Netherlands	77 544	73 116	70 741	68 765	80 000	1e
New Zealand	3 800	3 500	3 600	4 310	3 900	1o
Nigeria	22 388	22 400	28 500	34 100	32 825	1o
Norway	80 600	88 600	91 500	90 000	99 700	1i
Oman	18 500	19 800	23 700	24 100	24 000	1o
Pakistan	27 400	30 200	30 500	30 800	33 800	1r
Papua New Guinea	89	85	100	141	100	2o
Peru	526	511	524	541	583	1e
Philippines	2 400	3 285	3 007	3 689	3 883	1s
Poland	5 000	6 100	6 000	5 183	5 720	1a
Qatar	39 200	45 800	50 700	59 800	65 623	1a
Romania	13 000	12 500	12 000	12 220	11 800	1a
Russia (Asia)	60 000	61 000	62 000	65 100	54 150	1r
Russia (Europe)	540 000	549 000	558 000	585 900	487 350	1r
Saudi Arabia	65 680	71 240	73 461	75 000	76 000	1i
Senegal	13	12	11	10	10	2n
Serbia and Montenegro	318	282	280	0	0	--
Serbia, Rep. of	0	0	0	274	282	1s
Slovakia	178	151	150	551	111	1e
Slovenia	217	44	4	3	3	1a
Spain	370	174	118	42	24	1a
Syria	6 800	6 300	8 272	7 825	7 574	1e
Taiwan	796	548	463	417	357	1a
Tajikistan	30	29	18	15	14	2n
Thailand	22 366	23 665	24 353	25 900	26 000	1r
Trinidad and Tobago	27 300	30 300	36 400	39 000	39 300	1o
Tunisia	2 827	2 873	2 394	2 285	2 250	2n
Turkey	344	484	307	839	894	1s
Turkmenistan	58 300	63 000	62 200	67 400	63 700	1i
Ukraine	18 700	20 100	21 094	21 104	21 444	1s
United Arab Emirates	46 290	47 790	48 790	50 290	50 240	1i
United Kingdom	100 500	92 800	83 400	76 856	75 382	1e
United States	530 000	512 900	524 700	539 800	601 967	1a
Uzbekistan	45 500	58 000	60 000	60 000	64 000	1i
Venezuela	23 900	25 200	26 000	26 500	27 000	1i
Viet Nam	6 250	6 440	7 000	7 700	7 100	1r
Total	2 709 101	2 819 548	2 914 164	3 002 578	2 957 980	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Oil

Country	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Albania	350 000	370 000	370 000	365 110	364 343	1o
Algeria	83 700 000	92 500 000	87 500 000	86 600 000	86 800 000	1i
Angola	48 000 000	60 900 000	68 500 000	84 300 000	92 200 000	1r
Argentina	37 700 000	36 500 000	36 302 316	35 800 000	34 200 000	1i
Australia	22 900 000	22 500 000	22 900 000	24 300 000	26 729 000	1e
Austria	981 588	854 775	856 270	853 549	861 639	1e
Azerbaijan	15 548 800	22 214 200	32 200 000	42 597 500	45 354 945	1n
Bahrain	1 950 156	1 907 429	1 869 847	1 825 548	1 850 000	2b
Bangladesh	270 266	302 062	317 960	313 000	295 739	1n
Barbados	51 362	54 000	48 872	49 000	39 119	1e
Belorussia	1 804 100	1 785 020	1 800 000	1 800 000	1 740 020	1s
Bolivia	2 422 727	1 957 000	2 100 000	2 100 000	2 027 922	1n
Bosnia-Herzegovina	115 320	0	0	0	0	1a
Brazil	74 500 000	84 200 000	89 200 000	91 800 000	93 900 000	1r
Brunei	10 300 000	10 300 000	11 436 144	10 110 032	9 103 873	1a
Bulgaria	37 000	30 010	25 300	24 000	23 000	1a
Cameroon	4 500 000	4 200 000	4 400 000	4 200 000	4 170 000	1r
Canada	95 732 109	80 167 000	79 385 237	81 680 211	70 346 169	1r
Chile	184 810	172 829	151 830	133 193	138 176	1e
China	175 000 000	182 000 000	184 000 000	187 000 000	189 000 000	1i
Colombia	27 300 000	27 300 000	27 644 000	27 600 000	30 500 000	1r
Congo	11 200 000	12 700 000	13 500 000	11 500 000	12 900 000	1r
Congo,D.R.	1 380 000	1 230 000	1 230 000	1 360 000	995 273	1r
Cote d'Ivoire	1 825 547	2 086 340	3 233 827	2 712 242	3 086 218	1n
Croatia	802 615	745 589	728 651	631 972	587 831	1a
Cuba	3 253 000	2 935 000	2 900 000	2 905 000	3 003 000	1e
Czech Republic	299 000	306 000	259 000	240 000	236 000	1a
Denmark	19 200 000	18 719 900	17 847 496	18 100 000	14 500 000	1o
Ecuador	26 460 000	26 699 000	27 039 000	26 674 000	26 200 000	1o
Egypt	34 900 000	34 800 000	33 000 000	31 400 000	34 600 000	1i
Equatorial Guinea	17 100 000	18 500 000	17 700 000	18 000 000	17 900 000	1r
France	1 300 000	1 079 000	1 055 000	974 000	1 022 307	1o
Gabon	11 800 000	11 700 000	11 700 000	11 500 000	11 500 000	1i
Georgia	97 600	66 600	63 506	62 000	95 219	1s
Germany, Federal Rep.	3 516 318	3 572 462	3 515 401	3 451 374	3 054 000	1a
Greece	132 890	172 000	94 391	81 000	67 242	1e
Guatemala	1 024 000	933 000	816 000	774 500	810 022	1n
Hungary	1 077 000	948 000	880 000	839 000	834 536	1o
India	37 800 000	36 000 000	37 000 000	37 300 000	38 000 000	1i
Indonesia	57 873 500	54 847 878	54 508 776	49 656 774	49 100 000	1r
Iran	209 700 000	210 100 000	211 300 000	212 100 000	208 100 000	1i
Iraq	100 000 000	90 000 000	98 100 000	105 300 000	119 300 000	1r
Israel	3 310	3 119	3 507	1 172	2 200	1a
Italy	5 445 000	6 100 000	5 800 000	5 700 000	5 200 000	1r
Japan	750 717	825 952	807 514	876 000	985 680	1a
Jordan	1 211	1 220	1 436	1 226	2 230	1e
Kazakhstan	60 600 000	62 600 000	66 100 000	55 264 000	58 646 000	1a

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen

Kuwait	119 375 000	134 225 000	138 976 000	134 280 000	139 576 146	1o
Kyrgystan	69 000	74 400	75 000	75 000	75 000	2n
Libya	82 446 941	88 314 772	91 339 965	89 228 000	86 200 000	2s
Lithuania	360 000	216 100	180 900	154 050	127 710	1a
Malaysia	41 500 000	40 000 000	33 800 000	34 000 000	34 300 000	1r
Mauritania	0	0	1 523 000	739 507	592 679	1s
Mexico	190 800 000	187 500 000	183 100 000	173 000 000	177 100 000	1i
Mongolia	29 700	28 680	53 802	121 494	162 000	2s
Morocco	32 000	32 000	10 221	11 100	9 000	2s
Myanmar	1 044 000	1 100 000	1 000 000	900 000	1 113 584	1n
Netherlands	2 216 700	1 642 590	1 404 450	2 247 300	2 100 000	1e
New Zealand	913 600	855 000	819 000	1 875 000	3 135 620	1o
Nigeria	121 398 909	123 401 795	116 516 873	104 999 999	105 300 000	1r
Norway	146 800 000	137 700 000	130 000 000	118 800 000	114 500 000	1e
Oman	37 600 000	38 900 000	36 700 000	35 100 000	36 000 000	1i
Pakistan	3 233 133	3 446 605	3 572 500	3 517 443	4 747 000	2s
Papua New Guinea	2 463 705	2 720 967	2 843 874	2 600 000	1 986 330	1n
Peru	4 200 000	5 200 000	5 100 000	4 021 942	3 994 298	1n
Philippines	660 000	680 000	690 000	815 000	902 000	1s
Poland	800 000	800 000	700 000	700 470	740 140	1a
Qatar	37 610 400	38 138 200	39 980 600	42 092 000	43 775 843	1a
Romania	5 500 000	5 600 000	5 500 000	4 994 000	4 530 950	1a
Russia (Asia)	42 000 000	45 000 000	47 985 882	49 150 000	48 850 000	1r
Russia (Europe)	378 000 000	405 000 000	431 872 938	442 350 000	439 650 000	1r
Saudi Arabia	487 860 600	532 600 000	514 600 000	493 100 000	514 000 000	1i
Senegal	28 906	53 519	55 523	42 900	13 400	1s
Serbia and Montenegro	652 000	648 000	654 000	0	0	--
Serbia, Rep. of	0	0	0	650 000	700 000	1i
Slovakia	42 082	33 150	32 000	24 530	20 800	1e
Slovenia	490	303	284	344	174	1a
Spain	262 707	161 326	155 954	143 436	127 000	1a
Sudan	14 900 000	15 000 000	19 600 000	22 500 000	23 700 000	1r
Suriname	585 714	628 571	671 429	685 920	771 660	2b
Syria	28 300 000	23 500 000	19 427 500	18 600 000	19 638 979	1e
Tajikistan	18 900	21 700	23 700	24 400	14 000	2s
Thailand	8 029 224	9 688 728	11 800 000	12 700 000	13 400 000	1i
Trinidad and Tobago	7 300 000	8 300 000	8 300 000	7 300 000	6 900 000	1r
Tunisia	3 400 000	3 459 000	3 261 300	4 545 800	4 694 265	1o
Turkey	2 275 529	2 280 764	2 175 353	1 783 199	2 200 000	1o
Turkmenistan	10 700 000	11 100 000	8 100 000	9 800 000	8 800 000	1i
Ukraine	4 000 000	5 100 000	4 900 000	4 459 000	4 328 000	1s
United Arab Emirates	116 720 324	118 413 366	127 874 484	125 932 465	139 500 000	1i
United Kingdom	88 834 864	78 821 976	71 432 543	71 484 525	65 293 585	1e
United States	327 100 000	314 900 000	311 800 000	317 800 000	315 000 000	1i
Uzbekistan	6 600 000	7 100 000	5 400 000	5 000 000	5 000 000	1i
Venezuela	156 966 000	159 960 000	158 332 000	153 850 000	131 900 000	1i
Viet Nam	19 329 000	19 132 000	17 429 000	15 920 000	15 400 000	1r
Yemen, Republic of	19 329 000	19 132 000	17 429 000	15 800 000	15 350 318	1e
Total	3 733 178 374	3 818 495 897	3 837 390 356	3 808 774 227	3 836 592 184	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Oil Sands

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Canada	57 588 889	57 415 079	58 782 630	62 538 041	52 367 280	1e
Venezuela	28 794 444	28 968 254	34 761 905	35 000 000	35 000 000	2n
Total	86 383 333	86 383 333	93 544 535	97 538 041	87 367 280	

## Oil Shales

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Austria	248	0	287	4	3	1e
Estonia	11 328 000	11 310 000	11 977 100	13 992 200	16 117 000	1e
France	12 500	12 200	12 300	10 000	10 000	2n
Germany, Federal Rep.	282 388	292 385	320 207	323 022	277 820	1a
Russia (Europe)	1 300 000	1 200 000	1 200 000	1 200 000	1 200 000	2n
Total	12 923 136	12 814 585	13 509 894	15 525 226	17 604 823	

## Uranium

C o u n t r y	2004 metr.t	2005 metr.t	2006 metr.t	2007 metr.t	2008 metr.t	Rem
Australia	10 597	11 273	8 954	10 146	9 943	1e
Brazil	354	130	224	352	389	2q
Canada	11 599	11 627	9 862	9 475	9 001	1e
China	884	884	884	840	906	1q
Czech Republic	513	482	422	379	342	1a
France	8	8	0	5	6	1n
Germany, Federal Rep.	91	94	77	48	48	1a
India	271	271	209	318	320	1n
Kazakhstan	4 362	4 692	5 306	7 832	10 048	1s
Namibia	3 582	3 711	3 617	3 395	3 529	2q
Niger	3 870	3 647	4 049	3 718	3 575	1n
Pakistan	53	53	53	53	53	2s
Romania	106	106	106	91	91	2s
Russia (Asia)	3 801	4 046	3 847	4 025	4 152	1s
South Africa, Rep. of	887	795	639	635	771	1s
Ukraine	943	943	943	997	943	2q
United States	1 030	1 225	1 972	1 950	1 769	1a
Uzbekistan	2 377	2 712	2 665	2 736	2 757	1s
Total	45 328	46 699	43 829	46 995	48 643	

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## 6.6 Share of Mineral Production 2008 by Countries Anteile der Länder an der Weltproduktion 2008

### 6.6.1 Iron and Ferro-Alloy Metals / Eisen und Stahlveredler

#### Iron

Rank 2008	Rank 2007	Country	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	China	263 680 000	23.52	23.52	553
2	(3)	Australia	214 889 850	19.17	42.68	367
3	(2)	Brazil	213 904 000	19.08	61.76	364
4	(4)	India	146 431 180	13.06	74.82	171
5	(6)	Ukraine	46 302 256	4.13	78.95	17
6	(5)	Russia (Europe)	45 604 350	4.07	83.02	17
7	(7)	United States	33 769 000	3.01	86.03	9
8	(8)	South Africa, Rep. of	31 838 650	2.84	88.87	8
9	(9)	Canada	20 640 180	1.84	90.71	3
10	(10)	Iran	17 000 000	1.52	92.23	2
11	(11)	Sweden	15 116 800	1.35	93.58	2
12	(12)	Kazakhstan	13 966 095	1.25	94.82	2
13	(13)	Venezuela	13 000 000	1.16	95.98	1
14	(14)	Russia (Asia)	9 340 650	0.83	96.82	1
15	(15)	Mauritania	7 129 200	0.64	97.45	0
16	(16)	Mexico	6 700 000	0.60	98.05	0
17	(17)	Chile	5 682 504	0.51	98.56	0
18	(18)	Peru	3 494 728	0.31	98.87	0
19	(19)	Turkey	2 673 374	0.24	99.11	0
20	(20)	DPR Korea	1 200 000	0.11	99.21	0
21	(23)	New Zealand	1 171 732	0.10	99.32	0
22	(22)	Algeria	1 121 580	0.10	99.42	0
23	(24)	Thailand	1 060 045	0.09	99.51	0
24	(32)	Mongolia	832 440	0.07	99.59	0
25	(25)	Egypt	814 773	0.07	99.66	0
26	(21)	Bosnia-Herzegovina	749 460	0.07	99.73	0
27	(26)	Austria	650 455	0.06	99.79	0
28	(27)	Malaysia	618 617	0.06	99.84	0
29	(28)	Norway	477 440	0.04	99.88	0
30	(31)	Slovakia	237 433	0.02	99.90	0
31	(29)	Colombia	213 873	0.02	99.92	0
32	(30)	Saudi Arabia	209 160	0.02	99.94	0
33	(33)	Korea, Republic of	204 894	0.02	99.96	0
34	(36)	Argentina	141 855	0.01	99.97	0
35	(35)	Zimbabwe	62 400	0.01	99.98	0
36	(34)	Tunisia	58 482	0.01	99.98	0
37	(37)	Pakistan	49 900	0.00	99.99	0
38	(38)	Germany, Federal Rep.	47 785	0.00	99.99	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

39	(39)	Indonesia	30 000	0.00	99.99	0
40	(40)	Azerbaijan	25 000	0.00	100.00	0
41	(41)	Uruguay	15 525	0.00	100.00	0
42	(44)	Nigeria	5 760	0.00	100.00	0
43	(46)	Albania	4 766	0.00	100.00	0
44	(45)	Morocco	4 680	0.00	100.00	0
45	(47)	Japan	900	0.00	100.00	0
46	(42)	Guatemala	190	0.00	100.00	0
47	(48)	United Kingdom	145	0.00	100.00	0
		Total	1 121 172 107	100.00		1 517

## Chromium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	South Africa, Rep. of	4 077 853	38.73	38.73	1 500
2	(3)	India	1 794 000	17.04	55.77	290
3	(2)	Kazakhstan	1 560 470	14.82	70.59	220
4	(4)	Turkey	791 999	7.52	78.12	57
5	(5)	Russia (Europe)	410 850	3.90	82.02	15
6	(10)	Oman	325 468	3.09	85.11	10
7	(8)	Brazil	307 035	2.92	88.03	9
8	(7)	Finland	306 772	2.91	90.94	8
9	(6)	Zimbabwe	218 017	2.07	93.01	4
10	(13)	Philippines	138 280	1.31	94.32	2
11	(11)	Pakistan	128 000	1.22	95.54	1
12	(15)	Iran	100 355	0.95	96.49	1
13	(9)	Albania	97 848	0.93	97.42	1
14	(12)	Australia	87 676	0.83	98.26	1
15	(14)	China	85 800	0.81	99.07	1
16	(16)	Madagascar	41 160	0.39	99.46	0
17	(17)	Viet Nam	25 705	0.24	99.71	0
18	(18)	Sudan	15 307	0.15	99.85	0
19	(19)	United Arab Emirates	12 023	0.11	99.96	0
20	(20)	Afghanistan	2 856	0.03	99.99	0
21	(21)	Greece	670	0.01	100.00	0
22	(22)	Myanmar	170	0.00	100.00	0
		Total	10 528 314	100.00		2 120

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## Cobalt

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Congo,D.R.	31 000	46.84	46.84	2 194
2	( 8)	China	6 000	9.07	55.91	82
3	( 2)	Canada	5 605	8.47	64.38	72
4	( 5)	Brazil	4 300	6.50	70.88	42
5	( 4)	Zambia	3 841	5.80	76.68	34
6	( 3)	Australia	3 617	5.47	82.15	30
7	( 6)	Cuba	3 428	5.18	87.33	27
8	(10)	Morocco	2 020	3.05	90.38	9
9	( 7)	Russia (Asia)	2 003	3.03	93.41	9
10	( 9)	New Caledonia	1 940	2.93	96.34	9
11	(12)	Uganda	663	1.00	97.34	1
12	(13)	Indonesia	650	0.98	98.32	1
13	(11)	Russia (Europe)	500	0.76	99.08	1
14	(15)	Botswana	337	0.51	99.59	0
15	(14)	South Africa, Rep. of	244	0.37	99.96	0
16	(16)	Zimbabwe	28	0.04	100.00	0
		Total	66 176	100.00		2 511

## Manganese

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 2)	South Africa, Rep. of	2 991 002	20.33	20.33	413
2	( 3)	Australia	2 304 400	15.66	35.99	245
3	( 1)	China	2 200 000	14.95	50.94	224
4	( 4)	Gabon	1 625 000	11.04	61.98	122
5	( 8)	Brazil	1 284 000	8.73	70.71	76
6	( 5)	Kazakhstan	1 192 800	8.11	78.81	66
7	( 6)	India	994 080	6.76	85.57	46
8	( 7)	Ukraine	910 000	6.18	91.75	38
9	( 9)	Ghana	381 543	2.59	94.35	7
10	(14)	Malaysia	257 604	1.75	96.10	3
11	(10)	Mexico	171 773	1.17	97.27	1
12	(11)	Georgia	99 000	0.67	97.94	0
13	(13)	Cote d'Ivoire	74 060	0.50	98.44	0
14	(24)	Thailand	53 280	0.36	98.80	0
15	(16)	Morocco	51 143	0.35	99.15	0
16	(12)	Iran	41 293	0.28	99.43	0
17	(17)	Russia (Europe)	17 600	0.12	99.55	0
18	(15)	Namibia	14 119	0.10	99.65	0
19	(18)	Hungary	13 386	0.09	99.74	0
20	(19)	Turkey	12 000	0.08	99.82	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

21	(20)	Romania	8 904	0.06	99.88	0
22	(21)	Bulgaria	8 195	0.06	99.94	0
23	(25)	Russia (Asia)	4 400	0.03	99.97	0
24	(23)	Egypt	2 928	0.02	99.99	0
25	(22)	Chile	1 529	0.01	100.00	0
26	(26)	Bosnia-Herzegovina	500	0.00	100.00	0
Total			14 714 539	100.00		1 241

## Molybdenum

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	59 800	30.49	30.49	930
2	( 2)	United States	55 893	28.50	58.98	812
3	( 3)	Chile	33 686	17.17	76.16	295
4	( 4)	Peru	16 721	8.52	84.68	73
5	( 5)	Canada	9 150	4.66	89.35	22
6	( 6)	Mexico	7 812	3.98	93.33	16
7	( 7)	Armenia	4 100	2.09	95.42	4
8	( 8)	Russia (Asia)	3 360	1.71	97.13	3
9	( 9)	Iran	2 500	1.27	98.41	2
10	(10)	Mongolia	1 881	0.96	99.37	1
11	(11)	Uzbekistan	600	0.31	99.67	0
12	(13)	Kazakhstan	250	0.13	99.80	0
13	(12)	Kyrgystan	250	0.13	99.93	0
14	(14)	Russia (Europe)	140	0.07	100.00	0
Total			196 143	100.00		2 158

## Nickel

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Canada	259 588	17.26	17.26	298
2	( 2)	Russia (Asia)	249 300	16.58	33.84	275
3	( 4)	Australia	202 000	13.43	47.28	180
4	( 3)	Indonesia	180 300	11.99	59.27	144
5	( 5)	New Caledonia	102 000	6.78	66.05	46
6	( 7)	Philippines	83 900	5.58	71.63	31
7	( 6)	Colombia	77 000	5.12	76.75	26
8	( 9)	China	71 000	4.72	81.47	22
9	( 8)	Cuba	67 300	4.48	85.95	20
10	(10)	Brazil	38 400	2.55	88.50	7
11	(11)	South Africa, Rep. of	31 700	2.11	90.61	4
12	(13)	Russia (Europe)	27 700	1.84	92.45	3

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

13	(14)	Botswana	22 900	1.52	93.98	2
14	(12)	Dominican Republic	18 800	1.25	95.23	2
15	(15)	Greece	16 620	1.11	96.33	1
16	(17)	Macedonia	15 000	1.00	97.33	1
17	(16)	Venezuela	10 900	0.72	98.05	1
18	(19)	Spain	8 136	0.54	98.59	0
19	(20)	Turkey	8 100	0.54	99.13	0
20	(18)	Zimbabwe	6 400	0.43	99.56	0
21	(21)	Finland	4 000	0.27	99.83	0
22	(22)	Kazakhstan	1 600	0.11	99.93	0
23	(23)	Poland	530	0.04	99.97	0
24	(24)	Norway	400	0.03	99.99	0
25	(25)	Morocco	100	0.01	100.00	0
Total			1 503 674	100.00		1 063

## Tantalum-Columbium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	Brazil	82 000	93.26	93.26	8 698
2	(2)	Canada	4 432	5.04	98.31	25
3	(3)	Australia	680	0.77	99.08	1
4	(4)	Rwanda	298	0.34	99.42	0
5	(5)	Congo,D.R.	186	0.21	99.63	0
6	(8)	Mozambique	138	0.16	99.79	0
7	(6)	Ethiopia	93	0.11	99.89	0
8	(7)	Nigeria	60	0.07	99.96	0
9	(9)	Burundi	33	0.04	100.00	0
10	(10)	Bolivia	2	0.00	100.00	0
Total			87 922	100.00		8 724

## Titanium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	Australia	1 470 000	21.54	21.54	464
2	(3)	South Africa, Rep. of	1 269 400	18.60	40.14	346
3	(2)	Canada	1 123 100	16.46	56.59	271
4	(4)	China	715 000	10.48	67.07	110
5	(5)	India	413 600	6.06	73.13	37
6	(6)	Norway	402 568	5.90	79.03	35
7	(7)	Ukraine	385 000	5.64	84.67	32
8	(9)	Viet Nam	350 250	5.13	89.80	26
9	(8)	United States	300 000	4.40	94.19	19

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

10	(10)	Korea, Republic of	117 556	1.72	95.92	3
11	(11)	Brazil	73 150	1.07	96.99	1
12	(12)	Sierra Leone	52 894	0.77	97.76	1
13	(13)	Egypt	48 400	0.71	98.47	1
14	(15)	Russia (Europe)	35 200	0.52	98.99	0
15	(14)	Sri Lanka	33 126	0.49	99.47	0
16	(16)	Malaysia	20 230	0.30	99.77	0
17	(17)	Kazakhstan	15 700	0.23	100.00	0
		Total	6 825 174	100.00		1 346

## Tungsten

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	China	43 500	75.58	75.58	5 713
2	(2)	Russia (Asia)	2 720	4.73	80.31	22
3	(3)	Canada	2 608	4.53	84.84	21
4	(4)	Rwanda	1 354	2.35	87.19	6
5	(5)	Bolivia	1 150	2.00	89.19	4
6	(6)	Austria	1 122	1.95	91.14	4
7	(7)	Portugal	900	1.56	92.70	2
8	(9)	DPR Korea	600	1.04	93.75	1
9	(8)	Thailand	582	1.01	94.76	1
10	(11)	Brazil	550	0.96	95.71	1
11	(12)	Russia (Europe)	480	0.83	96.55	1
12	(13)	Peru	350	0.61	97.16	0
13	(10)	Congo,D.R.	340	0.59	97.75	0
14	(14)	Uzbekistan	300	0.52	98.27	0
15	(0)	Spain	245	0.43	98.69	0
16	(17)	Burundi	194	0.34	99.03	0
17	(15)	Myanmar	180	0.31	99.34	0
18	(19)	Kazakhstan	100	0.17	99.52	0
19	(18)	Kyrgystan	100	0.17	99.69	0
20	(16)	Mongolia	97	0.17	99.86	0
21	(20)	Uganda	70	0.12	99.98	0
22	(21)	Australia	11	0.02	100.00	0
		Total	57 553	100.00		5 776

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Vanadium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	South Africa, Rep. of	20 295	36.70	36.70	1 347
2	( 2)	China	18 500	33.46	70.16	1 119
3	( 3)	Russia (Europe)	14 500	26.22	96.38	688
4	( 5)	Kazakhstan	1 000	1.81	98.19	3
5	( 4)	United States	1 000	1.81	100.00	3
Total			55 295	100.00		3 160

## 6.6.2 Non-Ferrous Metals / Nichteisenmetalle

### Aluminium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	13 176 600	33.71	33.71	1 137
2	( 2)	Russia (Europe)	3 420 000	8.75	42.47	77
3	( 3)	Canada	3 120 148	7.98	50.45	64
4	( 4)	United States	2 658 300	6.80	57.25	46
5	( 5)	Australia	1 974 000	5.05	62.30	26
6	( 6)	Brazil	1 661 100	4.25	66.55	18
7	( 7)	Norway	1 368 000	3.50	70.05	12
8	( 8)	India	1 307 500	3.35	73.40	11
9	(10)	United Arab Emirates	891 700	2.28	75.68	5
10	(11)	Bahrain	865 000	2.21	77.89	5
11	( 9)	South Africa, Rep. of	811 000	2.08	79.97	4
12	(18)	Iceland	760 400	1.95	81.91	4
13	(12)	Venezuela	607 800	1.56	83.47	2
14	(14)	Germany, Federal Rep.	605 876	1.55	85.02	2
15	(13)	Mozambique	536 000	1.37	86.39	2
16	(15)	France	431 600	1.10	87.49	1
17	(17)	Spain	405 000	1.04	88.53	1
18	(16)	Tajikistan	399 500	1.02	89.55	1
19	(22)	Argentina	393 700	1.01	90.56	1
20	(19)	Russia (Asia)	380 000	0.97	91.53	1
21	(23)	Netherlands	320 000	0.82	92.35	1
22	(20)	United Kingdom	316 000	0.81	93.16	1
23	(21)	New Zealand	315 500	0.81	93.97	1
24	(24)	Romania	289 700	0.74	94.71	1
25	(25)	Egypt	259 200	0.66	95.37	0
26	(27)	Iran	248 000	0.63	96.01	0
27	(26)	Indonesia	242 500	0.62	96.63	0
28	(28)	Italy	186 400	0.48	97.10	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

29	(30)	Slovakia	162 995	0.42	97.52	0
30	(29)	Greece	162 339	0.42	97.94	0
31	(32)	Bosnia-Herzegovina	160 500	0.41	98.35	0
32	(33)	Montenegro	107 457	0.27	98.62	0
33	(36)	Cameroon	89 700	0.23	98.85	0
34	(34)	Ukraine	86 100	0.22	99.07	0
35	(31)	Slovenia	83 300	0.21	99.28	0
36	(35)	Sweden	81 900	0.21	99.49	0
37	(39)	Azerbaijan	61 600	0.16	99.65	0
38	(37)	Turkey	60 400	0.15	99.81	0
39	(38)	Poland	46 700	0.12	99.93	0
40	(0)	Kosovo	13 000	0.03	99.96	0
41	(40)	Ghana	9 300	0.02	99.98	0
42	(41)	Japan	6 600	0.02	100.00	0
		Total	39 082 415	100.00		1 424

## Antimony

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	China	183 000	90.83	90.83	8 250
2	(3)	Bolivia	3 500	1.74	92.57	3
3	(4)	Tajikistan	3 500	1.74	94.30	3
4	(5)	South Africa, Rep. of	3 500	1.74	96.04	3
5	(6)	Russia (Asia)	3 000	1.49	97.53	2
6	(8)	Kyrgystan	1 500	0.74	98.27	1
7	(9)	Turkey	1 300	0.65	98.92	0
8	(7)	Australia	1 000	0.50	99.41	0
9	(10)	Peru	584	0.29	99.70	0
10	(11)	Mexico	380	0.19	99.89	0
11	(12)	Canada	116	0.06	99.95	0
12	(13)	Pakistan	100	0.05	100.00	0
		Total	201 480	100.00		8 262

## Arsenic

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	China	25 000	47.06	47.06	2 215
2	(2)	Chile	10 000	18.82	65.89	354
3	(3)	Morocco	8 985	16.91	82.80	286
4	(4)	Peru	5 822	10.96	93.76	120
5	(5)	Russia (Asia)	1 500	2.82	96.59	8
6	(6)	Philippines	600	1.13	97.71	1

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

7	(7)	Namibia	574	1.08	98.80	1
8	(8)	Mexico	500	0.94	99.74	1
9	(9)	Iran	100	0.19	99.92	0
10	(10)	Japan	40	0.08	100.00	0
		Total	53 121	100.00		2 986

## Bauxite

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	Australia	63 789 000	32.02	32.02	1 025
2	(2)	Brazil	28 097 500	14.10	46.12	199
3	(3)	China	21 600 000	10.84	56.96	118
4	(4)	India	19 737 000	9.91	66.87	98
5	(5)	Guinea	18 500 000	9.29	76.15	86
6	(6)	Jamaica	14 636 100	7.35	83.50	54
7	(7)	Russia (Europe)	6 000 000	3.01	86.51	9
8	(8)	Suriname	5 333 000	2.68	89.19	7
9	(9)	Venezuela	5 300 000	2.66	91.85	7
10	(10)	Kazakhstan	5 160 000	2.59	94.44	7
11	(11)	Guyana	2 109 000	1.06	95.50	1
12	(12)	Greece	2 064 909	1.04	96.53	1
13	(13)	Indonesia	1 152 000	0.58	97.11	0
14	(14)	Sierra Leone	945 100	0.47	97.59	0
15	(15)	Turkey	900 000	0.45	98.04	0
16	(16)	Bosnia-Herzegovina	860 000	0.43	98.47	0
17	(17)	Ghana	694 000	0.35	98.82	0
18	(18)	Montenegro	671 800	0.34	99.16	0
19	(20)	Iran	520 000	0.26	99.42	0
20	(19)	Hungary	511 300	0.26	99.67	0
21	(22)	Malaysia	275 069	0.14	99.81	0
22	(21)	France	160 000	0.08	99.89	0
23	(23)	United States	89 600	0.04	99.94	0
24	(24)	Viet Nam	80 000	0.04	99.98	0
25	(25)	Pakistan	36 000	0.02	100.00	0
26	(26)	Mozambique	9 000	0.00	100.00	0
27	(27)	Croatia	500	0.00	100.00	0
		Total	199 230 878	100.00		1 612

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Bismuth

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	5 000	62.23	62.23	3 872
2	( 2)	Mexico	1 132	14.09	76.32	198
3	( 3)	Peru	1 061	13.20	89.52	174
4	( 4)	Japan	480	5.97	95.49	36
5	( 5)	Bolivia	150	1.87	97.36	3
6	( 7)	Kazakhstan	125	1.56	98.92	2
7	( 6)	Canada	71	0.88	99.80	1
8	( 8)	Russia (Asia)	13	0.16	99.96	0
9	( 9)	Uzbekistan	3	0.04	100.00	0
		Total	8 035	100.00		4 286

## Cadmium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	4 300	21.89	21.89	479
2	( 2)	Korea, Republic of	3 090	15.73	37.61	247
3	( 3)	Japan	2 126	10.82	48.43	117
4	( 4)	Kazakhstan	1 732	8.82	57.25	78
5	( 5)	Mexico	1 550	7.89	65.14	62
6	( 6)	Canada	1 409	7.17	72.31	51
7	( 7)	Russia (Asia)	800	4.07	76.38	17
8	( 8)	United States	777	3.95	80.33	16
9	(13)	Poland	603	3.07	83.40	9
10	( 9)	India	600	3.05	86.46	9
11	(10)	Netherlands	530	2.70	89.15	7
12	(11)	Germany, Federal Rep.	420	2.14	91.29	5
13	(15)	Bulgaria	376	1.91	93.21	4
14	(14)	Peru	371	1.89	95.09	4
15	(12)	Australia	330	1.68	96.77	3
16	(17)	DPR Korea	200	1.02	97.79	1
17	(18)	Brazil	200	1.02	98.81	1
18	(16)	Norway	178	0.91	99.71	1
19	(19)	France	50	0.25	99.97	0
20	(20)	Argentina	6	0.03	100.00	0
		Total	19 648	100.00		1 111

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## Copper

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Chile	5 330 300	34.57	34.57	1 195
2	( 3)	United States	1 310 000	8.50	43.07	72
3	( 2)	Peru	1 267 867	8.22	51.30	68
4	( 4)	China	930 800	6.04	57.33	36
5	( 5)	Australia	886 000	5.75	63.08	33
6	( 6)	Indonesia	650 000	4.22	67.30	18
7	( 7)	Canada	606 973	3.94	71.23	16
8	( 8)	Zambia	580 000	3.76	74.99	14
9	( 9)	Russia (Asia)	493 500	3.20	78.20	10
10	(10)	Poland	474 000	3.07	81.27	9
11	(11)	Kazakhstan	398 411	2.58	83.85	7
12	(12)	Mexico	268 600	1.74	85.60	3
13	(13)	Iran	242 500	1.57	87.17	2
14	(18)	Congo,D.R.	229 000	1.49	88.66	2
15	(15)	Brazil	215 800	1.40	90.05	2
16	(14)	Russia (Europe)	211 500	1.37	91.43	2
17	(17)	Papua New Guinea	159 700	1.04	92.46	1
18	(16)	Argentina	156 893	1.02	93.48	1
19	(19)	Mongolia	129 387	0.84	94.32	1
20	(21)	South Africa, Rep. of	108 000	0.70	95.02	0
21	(20)	Bulgaria	107 195	0.70	95.72	0
22	(23)	Portugal	89 070	0.58	96.29	0
23	(26)	Laos	89 000	0.58	96.87	0
24	(24)	Turkey	83 300	0.54	97.41	0
25	(22)	Uzbekistan	80 000	0.52	97.93	0
26	(25)	Sweden	57 700	0.37	98.30	0
27	(28)	Mauritania	33 100	0.21	98.52	0
28	(27)	India	29 900	0.19	98.71	0
29	(30)	Botswana	23 100	0.15	98.86	0
30	(29)	Philippines	21 200	0.14	99.00	0
31	(31)	Pakistan	18 700	0.12	99.12	0
32	(32)	Armenia	17 800	0.12	99.24	0
33	(33)	Serbia, Rep. of	17 600	0.11	99.35	0
34	(35)	Finland	13 300	0.09	99.44	0
35	(37)	DPR Korea	12 000	0.08	99.51	0
36	(38)	Georgia	11 000	0.07	99.59	0
37	(39)	Macedonia	9 600	0.06	99.65	0
38	(40)	Namibia	8 800	0.06	99.71	0
39	(41)	Morocco	7 372	0.05	99.75	0
40	(42)	Spain	7 071	0.05	99.80	0
41	(34)	Myanmar	6 900	0.04	99.84	0
42	(36)	Viet Nam	5 800	0.04	99.88	0
43	(46)	Romania	4 325	0.03	99.91	0
44	(44)	Cyprus	2 986	0.02	99.93	0
45	(45)	Zimbabwe	2 800	0.02	99.95	0
46	(43)	Tanzania	2 500	0.02	99.96	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

47	(49)	Colombia	1 574	0.01	99.97	0
48	(48)	Saudi Arabia	1 465	0.01	99.98	0
49	( 0)	Japan	1 000	0.01	99.99	0
50	(47)	Albania	1 000	0.01	100.00	0
51	(50)	Bolivia	600	0.00	100.00	0
Total			15 416 989	100.00		1 492

## Gallium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	30	75.00	75.00	5 625
2	( 2)	Hungary	5	12.50	87.50	156
3	( 3)	Japan	5	12.50	100.00	156
Total			40	100.00		5 937

## Germanium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	30	81.08	81.08	6 574
2	( 2)	United States	5	13.51	94.59	183
3	( 3)	Russia (Asia)	2	5.41	100.00	29
Total			37	100.00		6 786

## Lead

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	1 546 300	39.89	39.89	1 591
2	( 2)	Australia	645 000	16.64	56.53	277
3	( 3)	United States	410 054	10.58	67.10	112
4	( 4)	Peru	345 109	8.90	76.01	79
5	( 5)	Mexico	101 000	2.61	78.61	7
6	( 7)	Canada	98 973	2.55	81.17	7
7	( 6)	India	86 300	2.23	83.39	5
8	(17)	Bolivia	81 600	2.10	85.50	4
9	( 8)	Sweden	63 500	1.64	87.13	3
10	(10)	Poland	62 200	1.60	88.74	3
11	(11)	Russia (Asia)	57 600	1.49	90.23	2

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

12	(9)	Ireland	50 300	1.30	91.52	2
13	(13)	South Africa, Rep. of	46 400	1.20	92.72	1
14	(16)	Macedonia	40 400	1.04	93.76	1
15	(14)	Kazakhstan	39 000	1.01	94.77	1
16	(15)	DPR Korea	35 000	0.90	95.67	1
17	(12)	Morocco	29 651	0.76	96.44	1
18	(21)	Turkey	21 000	0.54	96.98	0
19	(18)	Argentina	20 788	0.54	97.51	0
20	(22)	Brazil	16 000	0.41	97.93	0
21	(19)	Greece	15 000	0.39	98.31	0
22	(20)	Bulgaria	14 577	0.38	98.69	0
23	(23)	Namibia	14 000	0.36	99.05	0
24	(24)	Honduras	12 500	0.32	99.37	0
25	(25)	Iran	8 127	0.21	99.58	0
26	(30)	Chile	3 985	0.10	99.69	0
27	(26)	Bosnia-Herzegovina	3 300	0.09	99.77	0
28	(27)	Myanmar	3 000	0.08	99.85	0
29	(28)	Russia (Europe)	2 400	0.06	99.91	0
30	(0)	Kosovo	1 200	0.03	99.94	0
31	(0)	Portugal	1 000	0.03	99.97	0
32	(31)	Italy	800	0.02	99.99	0
33	(29)	Serbia, Rep. of	400	0.01	100.00	0
34	(33)	United Kingdom	100	0.00	100.00	0
		Total	3 876 564	100.00		2 097

## Lithium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	Chile	22 997	53.71	53.71	2 885
2	(2)	Australia	11 976	27.97	81.68	782
3	(3)	United States	3 230	7.54	89.23	57
4	(4)	China	3 100	7.24	96.47	52
5	(5)	Canada	707	1.65	98.12	3
6	(6)	Brazil	430	1.00	99.12	1
7	(7)	Portugal	375	0.88	100.00	1
		Total	42 815	100.00		3 781

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Mercury

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	600	54.74	54.74	2 997
2	( 2)	Kyrgystan	250	22.81	77.55	520
3	( 7)	Mexico	58	5.29	82.85	28
4	( 3)	Chile	50	4.56	87.41	21
5	( 4)	Russia (Asia)	50	4.56	91.97	21
6	( 5)	Finland	33	3.01	94.98	9
7	( 6)	Tajikistan	30	2.74	97.72	7
8	( 8)	United States	15	1.37	99.09	2
9	( 9)	Morocco	10	0.91	100.00	1
		Total	1 096	100.00		3 606

## Rare Earths Concentrates

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	125 000	99.46	99.46	9 893
2	( 3)	Brazil	390	0.31	99.77	0
3	( 2)	Malaysia	233	0.19	99.96	0
4	( 4)	Sri Lanka	50	0.04	100.00	0
		Total	125 673	100.00		9 893

## Tellurium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Japan	40	45.98	45.98	2 114
2	( 2)	Peru	28	32.18	78.16	1 036
3	( 3)	Canada	19	21.84	100.00	477
		Total	87	100.00		3 627

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Tin

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	121 150	44.39	44.39	1 970
2	( 2)	Indonesia	53 228	19.50	63.89	380
3	( 3)	Peru	38 865	14.24	78.13	203
4	( 4)	Bolivia	17 300	6.34	84.47	40
5	( 6)	Congo,D.R.	11 800	4.32	88.80	19
6	( 5)	Brazil	11 600	4.25	93.05	18
7	( 7)	Viet Nam	5 400	1.98	95.02	4
8	( 8)	Rwanda	4 193	1.54	96.56	2
9	(11)	Malaysia	2 602	0.95	97.51	1
10	(10)	Nigeria	1 800	0.66	98.17	0
11	(12)	Australia	1 783	0.65	98.83	0
12	( 9)	Russia (Asia)	1 500	0.55	99.38	0
13	(13)	Myanmar	729	0.27	99.64	0
14	(14)	Laos	700	0.26	99.90	0
15	(15)	Thailand	200	0.07	99.97	0
16	(17)	Mongolia	44	0.02	99.99	0
17	(16)	Portugal	29	0.01	100.00	0
		Total	272 923	100.00		2 637

## Zinc

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	3 186 000	27.47	27.47	754
2	( 3)	Peru	1 602 597	13.82	41.28	191
3	( 2)	Australia	1 477 000	12.73	54.01	162
4	( 4)	United States	778 129	6.71	60.72	45
5	( 5)	Canada	716 100	6.17	66.89	38
6	( 6)	India	616 000	5.31	72.20	28
7	( 7)	Mexico	442 200	3.81	76.02	15
8	( 8)	Ireland	398 200	3.43	79.45	12
9	(11)	Bolivia	383 600	3.31	82.76	11
10	( 9)	Kazakhstan	365 572	3.15	85.91	10
11	(12)	Namibia	209 000	1.80	87.71	3
12	(13)	Brazil	199 000	1.72	89.43	3
13	(14)	Russia (Asia)	180 400	1.56	90.98	2
14	(10)	Sweden	172 200	1.48	92.46	2
15	(15)	Poland	143 000	1.23	93.70	2
16	(19)	Iran	86 000	0.74	94.44	1
17	(18)	Morocco	80 747	0.70	95.14	0
18	(20)	Turkey	73 000	0.63	95.76	0
19	(17)	Mongolia	71 800	0.62	96.38	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

20	(16)	DPR Korea	65 000	0.56	96.94	0
21	(23)	Chile	40 519	0.35	97.29	0
22	(24)	Macedonia	40 300	0.35	97.64	0
23	(21)	Thailand	35 000	0.30	97.94	0
24	(27)	Argentina	30 349	0.26	98.20	0
25	(25)	South Africa, Rep. of	29 400	0.25	98.46	0
26	(26)	Honduras	28 500	0.25	98.70	0
27	(22)	Finland	27 800	0.24	98.94	0
28	(30)	Russia (Europe)	24 600	0.21	99.15	0
29	(29)	Greece	23 000	0.20	99.35	0
30	(28)	Portugal	22 566	0.19	99.55	0
31	(31)	Congo,D.R.	18 500	0.16	99.71	0
32	(32)	Bulgaria	12 819	0.11	99.82	0
33	(34)	Bosnia-Herzegovina	5 200	0.04	99.86	0
34	(37)	Armenia	3 900	0.03	99.90	0
35	(40)	Saudi Arabia	3 663	0.03	99.93	0
36	(35)	Laos	2 200	0.02	99.95	0
37	(36)	Tunisia	2 000	0.02	99.96	0
38	(0)	Kosovo	1 800	0.02	99.98	0
39	(33)	Philippines	1 600	0.01	99.99	0
40	(38)	Serbia, Rep. of	600	0.01	100.00	0
41	(41)	Myanmar	199	0.00	100.00	0
42	(39)	Romania	8	0.00	100.00	0
		Total	11 600 068	100.00		1 279

### 6.6.3 Precious Metals / Edelmetalle

#### Gold

Rank 2008	Rank 2007	C o u n t r y	Production 2008 kg	Share in %	cum. sh.	HHI
1	(1)	China	275 285	12.07	12.07	146
2	(4)	United States	233 327	10.23	22.29	105
3	(3)	Australia	214 000	9.38	31.68	88
4	(2)	South Africa, Rep. of	212 744	9.33	41.00	87
5	(5)	Peru	179 870	7.88	48.88	62
6	(6)	Russia (Asia)	171 574	7.52	56.41	57
7	(8)	Canada	95 736	4.20	60.60	18
8	(9)	Ghana	79 468	3.48	64.09	12
9	(10)	Uzbekistan	73 200	3.21	67.29	10
10	(11)	Papua New Guinea	67 436	2.96	70.25	9
11	(7)	Indonesia	64 390	2.82	73.07	8
12	(12)	Brazil	55 153	2.42	75.49	6
13	(13)	Mali	52 700	2.31	77.80	5
14	(14)	Argentina	42 142	1.85	79.65	3
15	(17)	Mexico	40 000	1.75	81.40	3

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

16	(15)	Chile	39 162	1.72	83.12	3
17	(16)	Tanzania	36 636	1.61	84.72	3
18	(18)	Philippines	35 568	1.56	86.28	2
19	(22)	Colombia	34 321	1.50	87.79	2
20	(19)	Kazakhstan	20 825	0.91	88.70	1
21	(21)	Guinea	20 000	0.88	89.58	1
22	(25)	Kyrgystan	18 132	0.79	90.37	1
23	(24)	New Zealand	16 274	0.71	91.08	1
24	(20)	Mongolia	15 184	0.67	91.75	0
25	(23)	Russia (Europe)	12 914	0.57	92.32	0
26	(29)	Turkey	11 120	0.49	92.80	0
27	(26)	Congo,D.R.	10 500	0.46	93.26	0
28	(32)	Suriname	10 290	0.45	93.72	0
29	(28)	Venezuela	10 100	0.44	94.16	0
30	(27)	Togo	10 000	0.44	94.60	0
31	(31)	Bolivia	8 431	0.37	94.97	0
32	(33)	Guyana	8 123	0.36	95.32	0
33	(34)	Guatemala	7 488	0.33	95.65	0
34	(30)	Japan	6 868	0.30	95.95	0
35	(57)	Mauritania	6 282	0.28	96.23	0
36	(36)	Sweden	5 341	0.23	96.46	0
37	(37)	Saudi Arabia	4 527	0.20	96.66	0
38	(38)	Laos	4 333	0.19	96.85	0
39	(39)	Bulgaria	4 160	0.18	97.03	0
40	(35)	Zimbabwe	3 576	0.16	97.19	0
41	(43)	Ethiopia	3 465	0.15	97.34	0
42	(44)	Ecuador	3 240	0.14	97.48	0
43	(51)	Botswana	3 176	0.14	97.62	0
44	(46)	Georgia	3 100	0.14	97.76	0
45	(42)	Nicaragua	2 960	0.13	97.89	0
46	(41)	Thailand	2 721	0.12	98.01	0
47	(53)	Uganda	2 700	0.12	98.12	0
48	(49)	India	2 669	0.12	98.24	0
49	(65)	Cote d'Ivoire	2 665	0.12	98.36	0
50	(50)	Malaysia	2 490	0.11	98.47	0
51	(45)	Uruguay	2 429	0.11	98.57	0
52	(40)	Niger	2 314	0.10	98.68	0
53	(56)	Burkina Faso	2 300	0.10	98.78	0
54	(52)	Sudan	2 276	0.10	98.88	0
55	(55)	Burundi	2 168	0.10	98.97	0
56	(54)	Namibia	2 126	0.09	99.06	0
57	(61)	Tajikistan	2 000	0.09	99.15	0
58	(59)	French Guiana	2 000	0.09	99.24	0
59	(48)	Honduras	1 846	0.08	99.32	0
60	(64)	Zambia	1 693	0.07	99.39	0
61	(62)	Finland	1 600	0.07	99.46	0
62	(63)	Morocco	1 500	0.07	99.53	0
63	(60)	Greenland	1 393	0.06	99.59	0
64	(67)	Poland	924	0.04	99.63	0
65	(66)	Iran	850	0.04	99.67	0
66	(77)	Algeria	647	0.03	99.70	0
67	(88)	Fiji	638	0.03	99.73	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

68	(69)	Cameroon	600	0.03	99.75	0
69	(68)	Senegal	600	0.03	99.78	0
70	(70)	Armenia	565	0.02	99.80	0
71	(58)	Costa Rica	500	0.02	99.82	0
72	(71)	Romania	500	0.02	99.85	0
73	(72)	Macedonia	450	0.02	99.87	0
74	(47)	Kenya	340	0.01	99.88	0
75	(73)	Serbia, Rep. of	330	0.01	99.90	0
76	(75)	Gabon	300	0.01	99.91	0
77	(74)	Liberia	300	0.01	99.92	0
78	(83)	Mozambique	298	0.01	99.94	0
79	(78)	Sierra Leone	212	0.01	99.94	0
80	(79)	Madagascar	210	0.01	99.95	0
81	(80)	Nigeria	200	0.01	99.96	0
82	(81)	Korea, Republic of	161	0.01	99.97	0
83	(84)	Solomon Islands	141	0.01	99.98	0
84	(76)	Oman	118	0.01	99.98	0
85	(82)	Myanmar	100	0.00	99.99	0
86	(89)	Congo	100	0.00	99.99	0
87	(85)	Slovakia	91	0.00	99.99	0
88	(87)	Ukraine	70	0.00	100.00	0
89	(0)	Egypt	32	0.00	100.00	0
90	(86)	Eritrea	32	0.00	100.00	0
91	(90)	Central African Rep.	10	0.00	100.00	0
		Total	2 281 330	100.00		633

## Palladium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 kg	Share in %	cum. sh.	HHI
1	(1)	Russia (Asia)	84 240	42.05	42.05	1 768
2	(2)	South Africa, Rep. of	75 573	37.72	79.77	1 423
3	(3)	Canada	16 358	8.16	87.93	67
4	(4)	United States	11 917	5.95	93.88	35
5	(5)	Zimbabwe	9 641	4.81	98.69	23
6	(6)	Botswana	2 000	1.00	99.69	1
7	(7)	Australia	600	0.30	99.99	0
8	(8)	Poland	20	0.01	100.00	0
		Total	200 349	100.00		3 317

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## Platinum

Rank 2008	Rank 2007	C o u n t r y	Production 2008 kg	Share in %	cum. sh.	HHI
1	( 1)	South Africa, Rep. of	140 883	74.79	74.79	5 593
2	( 2)	Russia (Asia)	20 420	10.84	85.63	118
3	( 5)	Zimbabwe	9 175	4.87	90.50	24
4	( 3)	Canada	6 531	3.47	93.97	12
5	( 4)	Russia (Europe)	5 082	2.70	96.66	7
6	( 6)	United States	3 514	1.87	98.53	3
7	( 7)	Colombia	1 500	0.80	99.33	1
8	( 8)	Finland	800	0.42	99.75	0
9	( 9)	Botswana	300	0.16	99.91	0
10	(10)	Australia	150	0.08	99.99	0
11	(11)	Poland	10	0.01	100.00	0
12	(12)	Ethiopia	9	0.00	100.00	0
		Total	188 374	100.00		5 758

## Rhodium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 kg	Share in %	cum. sh.	HHI
1	( 1)	South Africa, Rep. of	17 851	82.85	82.85	6 864
2	( 2)	Russia (Asia)	2 644	12.27	95.12	151
3	( 3)	Zimbabwe	560	2.60	97.72	7
4	( 4)	Canada	430	2.00	99.71	4
5	( 5)	United States	62	0.29	100.00	0
		Total	21 547	100.00		7 026

## Silver

Rank 2008	Rank 2007	C o u n t r y	Production 2008 kg	Share in %	cum. sh.	HHI
1	( 1)	Peru	3 685 900	17.27	17.27	298
2	( 2)	Mexico	3 236 300	15.17	32.44	230
3	( 3)	China	2 800 000	13.12	45.56	172
4	( 5)	Australia	1 926 000	9.03	54.59	81
5	( 4)	Chile	1 405 020	6.58	61.17	43
6	( 6)	United States	1 213 000	5.68	66.85	32
7	( 7)	Poland	1 193 000	5.59	72.45	31
8	( 8)	Russia (Asia)	1 170 000	5.48	77.93	30
9	(11)	Bolivia	1 114 000	5.22	83.15	27

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

10	(9)	Canada	727 700	3.41	86.56	12
11	(10)	Kazakhstan	645 627	3.03	89.58	9
12	(12)	Sweden	293 100	1.37	90.96	2
13	(14)	Argentina	255 000	1.19	92.15	1
14	(13)	Indonesia	226 100	1.06	93.21	1
15	(15)	Turkey	180 000	0.84	94.06	1
16	(16)	Morocco	175 000	0.82	94.88	1
17	(17)	Russia (Europe)	130 000	0.61	95.48	0
18	(18)	Guatemala	99 132	0.46	95.95	0
19	(19)	India	93 700	0.44	96.39	0
20	(21)	South Africa, Rep. of	75 200	0.35	96.74	0
21	(26)	Finland	69 900	0.33	97.07	0
22	(22)	Uzbekistan	60 000	0.28	97.35	0
23	(24)	Honduras	58 900	0.28	97.63	0
24	(23)	Bulgaria	55 000	0.26	97.88	0
25	(27)	Papua New Guinea	51 300	0.24	98.12	0
26	(25)	DPR Korea	50 000	0.23	98.36	0
27	(28)	Iran	40 000	0.19	98.55	0
28	(29)	Greece	35 000	0.16	98.71	0
29	(20)	Congo, D.R.	34 100	0.16	98.87	0
30	(37)	New Zealand	31 500	0.15	99.02	0
31	(30)	Macedonia	30 000	0.14	99.16	0
32	(32)	Portugal	28 800	0.13	99.29	0
33	(33)	Mongolia	20 000	0.09	99.39	0
34	(34)	Brazil	19 000	0.09	99.48	0
35	(35)	Romania	18 000	0.08	99.56	0
36	(31)	Philippines	12 700	0.06	99.62	0
37	(36)	Tanzania	12 000	0.06	99.68	0
38	(38)	Colombia	9 200	0.04	99.72	0
39	(39)	Ireland	8 500	0.04	99.76	0
40	(40)	Saudi Arabia	8 200	0.04	99.80	0
41	(41)	Namibia	7 700	0.04	99.83	0
42	(44)	Laos	6 700	0.03	99.86	0
43	(42)	Thailand	5 200	0.02	99.89	0
44	(43)	Korea, Republic of	5 000	0.02	99.91	0
45	(45)	Armenia	4 000	0.02	99.93	0
46	(46)	Nicaragua	3 700	0.02	99.95	0
47	(47)	Ghana	3 100	0.01	99.96	0
48	(48)	Sudan	2 400	0.01	99.97	0
49	(0)	Kosovo	1 800	0.01	99.98	0
50	(50)	Tajikistan	1 200	0.01	99.99	0
51	(52)	Ethiopia	1 026	0.00	99.99	0
52	(49)	Serbia, Rep. of	600	0.00	100.00	0
53	(54)	Ecuador	400	0.00	100.00	0
54	(55)	Malaysia	300	0.00	100.00	0
55	(58)	Algeria	114	0.00	100.00	0
56	(57)	Italy	100	0.00	100.00	0
		Total	21 339 219	100.00		971

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## 6.6.4 Industrial Minerals / Industrieminerale

### Asbestos

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Russia (Europe)	813 600	36.69	36.69	1 346
2	( 2)	China	380 000	17.14	53.83	294
3	( 4)	Brazil	255 000	11.50	65.33	132
4	( 3)	Kazakhstan	230 100	10.38	75.70	108
5	( 5)	Russia (Asia)	203 400	9.17	84.88	84
6	( 6)	Canada	180 000	8.12	93.00	66
7	( 8)	Colombia	60 000	2.71	95.70	7
8	( 7)	Zimbabwe	50 000	2.25	97.96	5
9	( 9)	Iran	45 000	2.03	99.99	4
10	(10)	India	325	0.01	100.00	0
		Total	2 217 425	100.00		2 046

### Baryte

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	4 600 000	52.52	52.52	2 759
2	( 2)	India	1 100 000	12.56	65.08	158
3	( 3)	Morocco	725 060	8.28	73.36	69
4	( 4)	United States	647 621	7.39	80.76	55
5	( 6)	Kazakhstan	492 200	5.62	86.38	32
6	( 5)	Iran	343 750	3.93	90.30	15
7	( 8)	Turkey	150 000	1.71	92.02	3
8	( 7)	Mexico	140 066	1.60	93.62	3
9	( 9)	Germany, Federal Rep.	78 941	0.90	94.52	1
10	(10)	Algeria	60 088	0.69	95.20	0
11	(11)	Russia (Asia)	58 500	0.67	95.87	0
12	(13)	Pakistan	50 000	0.57	96.44	0
13	(12)	United Kingdom	43 000	0.49	96.93	0
14	(14)	Brazil	42 000	0.48	97.41	0
15	(16)	Peru	40 745	0.47	97.88	0
16	(18)	Saudi Arabia	30 000	0.34	98.22	0
17	(19)	Spain	26 000	0.30	98.52	0
18	(17)	France	20 000	0.23	98.75	0
19	(15)	Nigeria	20 000	0.23	98.97	0
20	(20)	Australia	16 000	0.18	99.16	0
21	(24)	Canada	12 000	0.14	99.29	0
22	(22)	Thailand	9 180	0.10	99.40	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

23	(23)	Bolivia	8 000	0.09	99.49	0
24	(21)	Slovakia	7 300	0.08	99.57	0
25	(26)	Russia (Europe)	6 500	0.07	99.65	0
26	(30)	Colombia	6 000	0.07	99.72	0
27	(27)	Afghanistan	5 500	0.06	99.78	0
28	(28)	Myanmar	5 320	0.06	99.84	0
29	(25)	Italy	5 000	0.06	99.90	0
30	( 0)	Malaysia	4 372	0.05	99.95	0
31	(29)	Argentina	3 170	0.04	99.98	0
32	(31)	Egypt	1 080	0.01	99.99	0
33	(32)	Armenia	400	0.00	100.00	0
34	(34)	Bosnia-Herzegovina	54	0.00	100.00	0
35	(35)	Portugal	25	0.00	100.00	0
		Total	8 757 872	100.00		3 095

## Bentonite

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	United States	4 870 000	32.17	32.17	1 035
2	( 2)	China	3 300 000	21.80	53.98	475
3	( 3)	Greece	1 320 667	8.73	62.70	76
4	( 5)	India	710 000	4.69	67.39	22
5	( 4)	Turkey	683 253	4.51	71.91	20
6	( 7)	Italy	600 000	3.96	75.87	16
7	( 8)	Japan	430 000	2.84	78.71	8
8	(10)	Germany, Federal Rep.	414 336	2.74	81.45	7
9	( 6)	Mexico	374 933	2.48	83.93	6
10	( 9)	Russia (Europe)	368 000	2.43	86.36	6
11	(14)	Iran	356 989	2.36	88.72	6
12	(12)	Argentina	256 182	1.69	90.41	3
13	(13)	Brazil	240 000	1.59	91.99	3
14	(11)	Czech Republic	174 000	1.15	93.14	1
15	(16)	Cyprus	155 125	1.02	94.17	1
16	(15)	Spain	153 000	1.01	95.18	1
17	(20)	Slovakia	116 125	0.77	95.95	1
18	(19)	Russia (Asia)	92 000	0.61	96.55	0
19	(18)	Australia	80 400	0.53	97.09	0
20	(21)	Korea, Republic of	71 052	0.47	97.55	0
21	(28)	Guatemala	62 749	0.41	97.97	0
22	(17)	Morocco	50 125	0.33	98.30	0
23	(23)	South Africa, Rep. of	44 067	0.29	98.59	0
24	(30)	Peru	31 557	0.21	98.80	0
25	(27)	Bosnia-Herzegovina	31 280	0.21	99.01	0
26	(26)	Algeria	30 595	0.20	99.21	0
27	(24)	Armenia	30 000	0.20	99.41	0
28	(25)	Pakistan	25 000	0.17	99.57	0
29	(31)	Romania	14 604	0.10	99.67	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

30	(29)	Macedonia	13 689	0.09	99.76	0
31	(32)	Indonesia	11 000	0.07	99.83	0
32	(22)	Hungary	7 464	0.05	99.88	0
33	(33)	Colombia	6 300	0.04	99.92	0
34	(36)	Poland	3 000	0.02	99.94	0
35	(35)	Turkmenistan	2 000	0.01	99.96	0
36	(38)	Philippines	1 427	0.01	99.97	0
37	(37)	Croatia	1 200	0.01	99.97	0
38	(39)	Egypt	1 000	0.01	99.98	0
39	(40)	Myanmar	800	0.01	99.99	0
40	(34)	New Zealand	753	0.00	99.99	0
41	(42)	Bolivia	600	0.00	99.99	0
42	(44)	Uruguay	515	0.00	100.00	0
43	(41)	Thailand	210	0.00	100.00	0
44	(45)	Slovenia	160	0.00	100.00	0
		Total	15 136 157	100.00		1 687

## Boron

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	United States	1 150 000	33.28	33.28	1 107
2	(2)	Argentina	785 555	22.73	56.01	517
3	(3)	Turkey	660 000	19.10	75.11	365
4	(4)	Chile	590 999	17.10	92.21	292
5	(5)	China	140 000	4.05	96.26	16
6	(6)	Bolivia	90 000	2.60	98.87	7
7	(7)	Kazakhstan	30 000	0.87	99.74	1
8	(8)	Peru	8 000	0.23	99.97	0
9	(9)	Iran	1 150	0.03	100.00	0
		Total	3 455 704	100.00		2 305

## Diamonds (Gem)

Rank 2008	Rank 2007	C o u n t r y	Production 2008 ct	Share in %	cum. sh.	HHI
1	(1)	Botswana	23 071 300	25.15	25.15	632
2	(2)	Russia (Asia)	22 155 090	24.15	49.29	583
3	(3)	Canada	14 802 699	16.13	65.43	260
4	(5)	Angola	8 016 277	8.74	74.16	76
5	(4)	Australia	7 623 000	8.31	82.47	69
6	(6)	South Africa, Rep. of	5 160 407	5.62	88.10	32
7	(7)	Congo,D.R.	4 189 400	4.57	92.66	21
8	(9)	Guinea	2 323 868	2.53	95.19	6

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

9	(8)	Namibia	2 313 435	2.52	97.72	6
10	(10)	Ghana	478 434	0.52	98.24	0
11	(11)	Central African Rep.	282 907	0.31	98.55	0
12	(17)	China	241 000	0.26	98.81	0
13	(14)	Cote d'Ivoire	240 000	0.26	99.07	0
14	(15)	Zimbabwe	239 159	0.26	99.33	0
15	(13)	Tanzania	200 306	0.22	99.55	0
16	(12)	Sierra Leone	181 932	0.20	99.75	0
17	(16)	Guyana	126 694	0.14	99.89	0
18	(18)	Brazil	49 500	0.05	99.94	0
19	(20)	Liberia	28 178	0.03	99.97	0
20	(19)	India	15 000	0.02	99.99	0
21	(21)	Swaziland	9 000	0.01	100.00	0
22	(22)	Venezuela	3 752	0.00	100.00	0
		Total	91 751 338	100.00		1 685

## Diamonds (Ind)

Rank 2008	Rank 2007	C o u n t r y	Production 2008 ct	Share in %	cum. sh.	HHI
1	(1)	Congo,D.R.	16 757 600	27.46	27.46	754
2	(2)	Russia (Asia)	14 770 060	24.20	51.66	586
3	(5)	Botswana	9 887 700	16.20	67.87	263
4	(3)	Australia	7 920 000	12.98	80.84	168
5	(4)	South Africa, Rep. of	7 740 611	12.68	93.53	161
6	(6)	Angola	890 697	1.46	94.99	2
7	(7)	China	856 000	1.40	96.39	2
8	(9)	Guinea	774 622	1.27	97.66	2
9	(8)	Zimbabwe	558 037	0.91	98.57	1
10	(10)	Sierra Leone	189 358	0.31	98.88	0
11	(13)	Namibia	121 760	0.20	99.08	0
12	(11)	Ghana	117 808	0.19	99.28	0
13	(12)	Brazil	100 500	0.16	99.44	0
14	(14)	Central African Rep.	94 302	0.15	99.60	0
15	(16)	Cote d'Ivoire	60 000	0.10	99.69	0
16	(15)	Guyana	42 231	0.07	99.76	0
17	(18)	India	40 000	0.07	99.83	0
18	(19)	Swaziland	36 000	0.06	99.89	0
19	(17)	Tanzania	35 348	0.06	99.95	0
20	(22)	Liberia	18 785	0.03	99.98	0
21	(20)	Togo	8 787	0.01	99.99	0
22	(21)	Venezuela	5 629	0.01	100.00	0
		Total	61 025 835	100.00		1 939

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Diatomite

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	United States	763 616	47.36	47.36	2 243
2	( 2)	China	440 000	27.29	74.65	745
3	( 3)	Mexico	128 536	7.97	82.62	64
4	( 4)	France	75 000	4.65	87.27	22
5	( 6)	Spain	46 192	2.86	90.14	8
6	( 5)	Argentina	36 996	2.29	92.43	5
7	(10)	Czech Republic	31 000	1.92	94.35	4
8	( 7)	Chile	25 497	1.58	95.93	3
9	( 9)	Australia	20 000	1.24	97.17	2
10	( 8)	Peru	12 206	0.76	97.93	1
11	(15)	Iran	9 600	0.60	98.53	0
12	(11)	Costa Rica	9 000	0.56	99.08	0
13	(12)	Brazil	6 000	0.37	99.46	0
14	(16)	Thailand	4 075	0.25	99.71	0
15	(13)	Korea, Republic of	2 000	0.12	99.83	0
16	(14)	Algeria	2 000	0.12	99.96	0
17	(17)	Ethiopia	430	0.03	99.98	0
18	(19)	Armenia	130	0.01	99.99	0
19	(18)	Kenya	72	0.00	100.00	0
20	(21)	Romania	50	0.00	100.00	0
		Total	1 612 400	100.00		3 097

## Feldspar

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Italy	5 000 000	22.24	22.24	495
2	( 2)	Turkey	3 800 000	16.90	39.15	286
3	( 3)	Germany, Federal Rep.	3 300 000	14.68	53.83	215
4	( 4)	China	2 400 000	10.68	64.50	114
5	( 5)	Japan	750 000	3.34	67.84	11
6	( 7)	Thailand	670 618	2.98	70.82	9
7	( 9)	France	650 000	2.89	73.71	8
8	( 6)	United States	648 510	2.88	76.60	8
9	( 8)	Spain	619 000	2.75	79.35	8
10	(10)	Czech Republic	488 000	2.17	81.52	5
11	(11)	Mexico	445 519	1.98	83.50	4
12	(15)	Malaysia	430 497	1.92	85.42	4
13	(12)	India	373 924	1.66	87.08	3
14	(13)	Korea, Republic of	344 257	1.53	88.61	2
15	(16)	Iran	300 000	1.33	89.95	2
16	(17)	Argentina	220 234	0.98	90.93	1

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

17	(14)	Poland	206 000	0.92	91.84	1
18	(18)	Venezuela	200 000	0.89	92.73	1
19	(19)	Brazil	190 000	0.85	93.58	1
20	(21)	Egypt	168 673	0.75	94.33	1
21	(20)	Portugal	165 000	0.73	95.06	1
22	(25)	Algeria	115 938	0.52	95.58	0
23	(24)	South Africa, Rep. of	105 815	0.47	96.05	0
24	(22)	Colombia	100 000	0.44	96.49	0
25	(23)	Russia (Asia)	96 000	0.43	96.92	0
26	(28)	Ecuador	70 000	0.31	97.23	0
27	(27)	Russia (Europe)	64 000	0.28	97.52	0
28	(26)	Norway	62 000	0.28	97.79	0
29	(32)	Saudi Arabia	55 000	0.24	98.04	0
30	(29)	Australia	50 000	0.22	98.26	0
31	(37)	Guatemala	46 854	0.21	98.47	0
32	(35)	Greece	46 333	0.21	98.67	0
33	(30)	Finland	45 250	0.20	98.88	0
34	(31)	Sri Lanka	40 000	0.18	99.05	0
35	(34)	Morocco	30 080	0.13	99.19	0
36	(36)	Macedonia	28 920	0.13	99.32	0
37	(39)	Indonesia	25 000	0.11	99.43	0
38	(33)	Romania	22 995	0.10	99.53	0
39	(40)	Sweden	22 000	0.10	99.63	0
40	(38)	Pakistan	19 000	0.08	99.71	0
41	(44)	Chile	17 834	0.08	99.79	0
42	(42)	Philippines	15 838	0.07	99.86	0
43	(41)	Peru	13 063	0.06	99.92	0
44	(45)	Cuba	4 300	0.02	99.94	0
45	(46)	Uzbekistan	4 300	0.02	99.96	0
46	(47)	Serbia, Rep. of	3 500	0.02	99.97	0
47	(43)	Jordan	2 950	0.01	99.99	0
48	(48)	Uruguay	2 500	0.01	100.00	0
49	(49)	United Kingdom	430	0.00	100.00	0
		Total	22 480 132	100.00		1 180

## Fluorspar

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	China	3 250 000	53.51	53.51	2 863
2	(2)	Mexico	1 057 649	17.41	70.92	303
3	(3)	Mongolia	335 000	5.52	76.44	30
4	(4)	South Africa, Rep. of	295 000	4.86	81.30	24
5	(5)	Russia (Asia)	242 100	3.99	85.28	16
6	(6)	Spain	148 750	2.45	87.73	6
7	(8)	Kenya	130 100	2.14	89.87	5
8	(7)	Namibia	118 000	1.94	91.82	4
9	(9)	Uzbekistan	80 000	1.32	93.13	2

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



10	(11)	Brazil	65 700	1.08	94.22	1
11	(12)	Iran	65 000	1.07	95.29	1
12	(10)	Morocco	56 724	0.93	96.22	1
13	(13)	Germany, Federal Rep.	48 519	0.80	97.02	1
14	(14)	France	40 000	0.66	97.68	0
15	(15)	United Kingdom	36 801	0.61	98.28	0
16	(21)	Thailand	29 529	0.49	98.77	0
17	(16)	Russia (Europe)	26 900	0.44	99.21	0
18	(19)	Argentina	15 098	0.25	99.46	0
19	(17)	Italy	15 000	0.25	99.71	0
20	(18)	DPR Korea	12 500	0.21	99.91	0
21	(20)	India	2 201	0.04	99.95	0
22	(22)	Afghanistan	1 000	0.02	99.97	0
23	(24)	Colombia	800	0.01	99.98	0
24	(23)	Turkey	800	0.01	99.99	0
25	(25)	Egypt	470	0.01	100.00	0
		Total	6 073 641	100.00		3 257

## Graphite

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	China	800 000	71.16	71.16	5 063
2	(2)	India	134 257	11.94	83.10	143
3	(3)	Brazil	80 500	7.16	90.26	51
4	(4)	DPR Korea	30 000	2.67	92.93	7
5	(5)	Canada	20 000	1.78	94.71	3
6	(6)	Russia (Europe)	14 000	1.25	95.95	2
7	(8)	Sri Lanka	10 000	0.89	96.84	1
8	(9)	Ukraine	8 000	0.71	97.55	1
9	(7)	Mexico	7 229	0.64	98.20	0
10	(10)	Zimbabwe	6 600	0.59	98.78	0
11	(11)	Madagascar	5 000	0.44	99.23	0
12	(13)	Norway	4 100	0.36	99.59	0
13	(12)	Czech Republic	3 000	0.27	99.86	0
14	(14)	Turkey	1 500	0.13	99.99	0
15	(15)	Korea, Republic of	73	0.01	100.00	0
		Total	1 124 259	100.00		5 271

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Guano

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Seychellen	600	70.26	70.26	4 936
2	( 2)	Philippines	254	29.74	100.00	885
		Total	854	100.00		5 821

## Gypsum and Anhydrite

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	35 000 000	24.09	24.09	580
2	( 3)	Iran	17 691 242	12.18	36.27	148
3	( 4)	Spain	15 000 000	10.33	46.60	107
4	( 2)	United States	14 411 000	9.92	56.52	98
5	( 5)	Thailand	8 989 082	6.19	62.70	38
6	( 7)	Mexico	6 000 000	4.13	66.83	17
7	( 6)	Canada	5 797 000	3.99	70.82	16
8	( 9)	Australia	3 392 900	2.34	73.16	5
9	(11)	Italy	2 900 000	2.00	75.16	4
10	(12)	India	2 800 000	1.93	77.08	4
11	(10)	Egypt	2 400 000	1.65	78.74	3
12	(13)	Russia (Europe)	2 400 000	1.65	80.39	3
13	( 8)	France	2 339 380	1.61	82.00	3
14	(14)	Saudi Arabia	2 300 000	1.58	83.58	3
15	(16)	Germany, Federal Rep.	2 112 000	1.45	85.04	2
16	(15)	Brazil	1 700 000	1.17	86.21	1
17	(17)	United Kingdom	1 700 000	1.17	87.38	1
18	(20)	Algeria	1 671 651	1.15	88.53	1
19	(18)	Poland	1 499 900	1.03	89.56	1
20	(19)	Argentina	1 257 310	0.87	90.42	1
21	(26)	Ukraine	1 158 410	0.80	91.22	1
22	(21)	Austria	1 087 259	0.75	91.97	1
23	(23)	Greece	998 924	0.69	92.66	0
24	(22)	Moldavia	817 889	0.56	93.22	0
25	(24)	Laos	775 000	0.53	93.75	0
26	(25)	Chile	773 794	0.53	94.29	0
27	(29)	Pakistan	660 000	0.45	94.74	0
28	(27)	Ireland	600 000	0.41	95.15	0
29	(32)	Syria	572 888	0.39	95.55	0
30	(28)	South Africa, Rep. of	571 343	0.39	95.94	0
31	(30)	Colombia	560 000	0.39	96.33	0
32	(36)	Peru	495 717	0.34	96.67	0
33	(46)	Tunisia	370 000	0.25	96.92	0
34	(34)	Portugal	360 000	0.25	97.17	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

35	(38)	Switzerland	300 000	0.21	97.38	0
36	(35)	Afghanistan	300 000	0.21	97.58	0
37	(33)	Croatia	288 393	0.20	97.78	0
38	(37)	Cyprus	282 848	0.19	97.98	0
39	(40)	Turkey	250 000	0.17	98.15	0
40	(45)	Bhutan	248 445	0.17	98.32	0
41	(48)	Libya	240 000	0.17	98.49	0
42	(43)	Jamaica	238 274	0.16	98.65	0
43	(39)	Jordan	231 771	0.16	98.81	0
44	(42)	Latvia	230 000	0.16	98.97	0
45	(44)	Dominican Republic	200 000	0.14	99.11	0
46	(47)	Oman	190 000	0.13	99.24	0
47	(49)	Slovakia	145 900	0.10	99.34	0
48	(31)	Guatemala	127 387	0.09	99.42	0
49	(50)	Bosnia-Herzegovina	98 945	0.07	99.49	0
50	(51)	Yemen, Republic of	95 000	0.07	99.56	0
51	(53)	Myanmar	92 474	0.06	99.62	0
52	(52)	Israel	83 000	0.06	99.68	0
53	(55)	Ethiopia	60 300	0.04	99.72	0
54	(56)	Mauritania	44 428	0.03	99.75	0
55	(58)	Serbia, Rep. of	42 000	0.03	99.78	0
56	(57)	Nicaragua	40 000	0.03	99.81	0
57	(63)	Azerbaijan	38 375	0.03	99.83	0
58	(54)	Czech Republic	35 000	0.02	99.86	0
59	(60)	Lebanon	30 000	0.02	99.88	0
60	(62)	Mongolia	26 000	0.02	99.90	0
61	(59)	Tajikistan	25 000	0.02	99.91	0
62	(41)	Bulgaria	21 200	0.01	99.93	0
63	(61)	Hungary	15 940	0.01	99.94	0
64	(64)	Angola	15 000	0.01	99.95	0
65	(65)	United Arab Emirates	15 000	0.01	99.96	0
66	(66)	Kenya	9 100	0.01	99.97	0
67	(72)	Niger	8 661	0.01	99.97	0
68	(67)	Sudan	8 000	0.01	99.98	0
69	(68)	Venezuela	7 000	0.00	99.98	0
70	(69)	Indonesia	6 000	0.00	99.99	0
71	(70)	Honduras	5 500	0.00	99.99	0
72	(71)	Viet Nam	5 000	0.00	99.99	0
73	(73)	Paraguay	4 500	0.00	100.00	0
74	(74)	Turkmenistan	3 000	0.00	100.00	0
75	(75)	Somalia	1 500	0.00	100.00	0
76	(76)	Eritrea	550	0.00	100.00	0
77	(77)	Uganda	125	0.00	100.00	0
		Total	145 272 305	100.00		1 038

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Kaolin

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	United States	6 750 000	25.52	25.52	651
2	( 3)	China	3 850 000	14.55	40.07	212
3	( 2)	Germany, Federal Rep.	3 612 000	13.65	53.72	186
4	( 4)	Brazil	2 670 000	10.09	63.82	102
5	( 5)	United Kingdom	1 355 365	5.12	68.94	26
6	( 6)	Korea, Republic of	1 182 299	4.47	73.41	20
7	( 8)	Iran	945 758	3.58	76.98	13
8	( 7)	Czech Republic	843 260	3.19	80.17	10
9	(10)	India	570 000	2.15	82.33	5
10	(14)	Egypt	523 327	1.98	84.30	4
11	(11)	Viet Nam	500 000	1.89	86.19	4
12	(12)	Spain	430 000	1.63	87.82	3
13	( 9)	Malaysia	419 157	1.58	89.40	3
14	(16)	Poland	318 000	1.20	90.61	1
15	(15)	France	300 000	1.13	91.74	1
16	(17)	Bulgaria	260 372	0.98	92.73	1
17	(13)	Turkey	232 746	0.88	93.61	1
18	(18)	Australia	181 655	0.69	94.29	0
19	(22)	Jordan	181 018	0.68	94.98	0
20	(19)	Portugal	170 000	0.64	95.62	0
21	(20)	Thailand	162 215	0.61	96.23	0
22	(24)	Serbia, Rep. of	110 000	0.42	96.65	0
23	(23)	Colombia	90 000	0.34	96.99	0
24	(26)	Mexico	82 000	0.31	97.30	0
25	(28)	Argentina	73 539	0.28	97.58	0
26	(27)	Paraguay	66 000	0.25	97.83	0
27	(25)	Chile	63 526	0.24	98.07	0
28	(29)	Nigeria	60 000	0.23	98.29	0
29	(34)	Bosnia-Herzegovina	56 000	0.21	98.50	0
30	(21)	Algeria	50 788	0.19	98.70	0
31	(32)	Russia (Europe)	45 000	0.17	98.87	0
32	(35)	Slovakia	40 300	0.15	99.02	0
33	(33)	Pakistan	40 000	0.15	99.17	0
34	(30)	South Africa, Rep. of	39 506	0.15	99.32	0
35	(45)	Taiwan	33 745	0.13	99.45	0
36	(31)	Greece	17 399	0.07	99.51	0
37	(37)	Austria	16 460	0.06	99.57	0
38	(38)	Indonesia	15 000	0.06	99.63	0
39	(46)	Peru	13 215	0.05	99.68	0
40	(36)	Ecuador	13 000	0.05	99.73	0
41	(39)	New Zealand	12 761	0.05	99.78	0
42	(41)	Japan	12 000	0.05	99.82	0
43	(40)	Sri Lanka	11 000	0.04	99.87	0
44	(42)	Venezuela	10 000	0.04	99.90	0
45	(43)	Bangladesh	8 600	0.03	99.94	0
46	(47)	Saudi Arabia	4 400	0.02	99.95	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

47	(44)	Romania	3 060	0.01	99.96	0
48	(48)	Guatemala	2 803	0.01	99.97	0
49	(49)	Philippines	2 391	0.01	99.98	0
50	(50)	Tanzania	1 800	0.01	99.99	0
51	(52)	Ethiopia	1 500	0.01	100.00	0
52	(53)	Kenya	1 000	0.00	100.00	0
53	(55)	Uganda	20	0.00	100.00	0
54	(56)	Eritrea	17	0.00	100.00	0
Total			26 454 002	100.00		1 243

## Magnesite

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	10 000 000	49.00	49.00	2 401
2	( 2)	Russia (Europe)	2 340 000	11.47	60.47	131
3	( 3)	Turkey	2 143 047	10.50	70.97	110
4	( 4)	Slovakia	1 438 500	7.05	78.02	50
5	( 5)	DPR Korea	1 200 000	5.88	83.90	35
6	( 6)	Austria	837 476	4.10	88.00	17
7	( 8)	Greece	529 546	2.59	90.60	7
8	( 7)	Spain	443 000	2.17	92.77	5
9	(10)	Brazil	387 000	1.90	94.66	4
10	(11)	Russia (Asia)	260 000	1.27	95.94	2
11	(12)	India	247 421	1.21	97.15	1
12	(13)	Canada	180 000	0.88	98.03	1
13	( 9)	Australia	126 000	0.62	98.65	0
14	(14)	Iran	120 000	0.59	99.24	0
15	(15)	Poland	60 000	0.29	99.53	0
16	(16)	South Africa, Rep. of	55 000	0.27	99.80	0
17	(18)	Colombia	10 500	0.05	99.85	0
18	(17)	Serbia, Rep. of	10 000	0.05	99.90	0
19	( 0)	Kosovo	10 000	0.05	99.95	0
20	(20)	Pakistan	4 000	0.02	99.97	0
21	(19)	Philippines	3 976	0.02	99.99	0
22	(21)	Bosnia-Herzegovina	1 000	0.00	100.00	0
23	(22)	Zimbabwe	940	0.00	100.00	0
Total			20 407 406	100.00		2 764

## Perlite

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Greece	861 157	42.20	42.20	1 780
2	( 2)	United States	434 178	21.27	63.47	453
3	( 3)	Japan	230 000	11.27	74.74	127
4	( 4)	Turkey	160 000	7.84	82.58	61
5	( 5)	Hungary	132 000	6.47	89.05	42
6	( 7)	Russia (Europe)	45 000	2.20	91.25	5
7	( 6)	Mexico	43 180	2.12	93.37	4
8	(10)	Iran	40 307	1.98	95.34	4
9	( 9)	Armenia	35 000	1.71	97.06	3
10	( 8)	Argentina	26 545	1.30	98.36	2
11	(11)	Slovakia	15 500	0.76	99.12	1
12	(13)	Australia	7 000	0.34	99.46	0
13	(12)	New Zealand	6 000	0.29	99.76	0
14	(14)	Philippines	4 593	0.23	99.98	0
15	(15)	South Africa, Rep. of	400	0.02	100.00	0
		Total	2 040 860	100.00		2 482

## Phosphate

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	15 222 180	30.35	30.35	921
2	( 2)	United States	8 589 000	17.13	47.48	293
3	( 3)	Morocco	7 940 603	15.83	63.31	251
4	( 4)	Russia (Europe)	4 500 000	8.97	72.29	81
5	( 5)	Tunisia	2 331 000	4.65	76.93	22
6	( 6)	Brazil	2 118 000	4.22	81.16	18
7	( 7)	Jordan	2 004 987	4.00	85.16	16
8	( 8)	Syria	966 414	1.93	87.08	4
9	(12)	Egypt	921 881	1.84	88.92	3
10	(10)	Israel	850 000	1.69	90.62	3
11	( 9)	South Africa, Rep. of	800 378	1.60	92.21	3
12	(14)	Viet Nam	629 670	1.26	93.47	2
13	(11)	Algeria	613 700	1.22	94.69	1
14	(13)	Australia	495 420	0.99	95.68	1
15	(15)	India	473 310	0.94	96.62	1
16	(16)	Finland	280 800	0.56	97.18	0
17	(17)	Togo	252 750	0.50	97.69	0
18	(18)	Christmas Island	224 000	0.45	98.13	0
19	(28)	Mexico	200 000	0.40	98.53	0
20	(22)	Kazakhstan	154 400	0.31	98.84	0
21	(19)	Senegal	140 000	0.28	99.12	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

22	(20)	Venezuela	115 000	0.23	99.35	0
23	(21)	DPR Korea	100 000	0.20	99.55	0
24	(24)	Iran	76 143	0.15	99.70	0
25	(23)	Nauru	60 000	0.12	99.82	0
26	(25)	Sri Lanka	40 000	0.08	99.90	0
27	(26)	Peru	15 000	0.03	99.93	0
28	(30)	Chile	10 722	0.02	99.95	0
29	(29)	Colombia	8 000	0.02	99.97	0
30	(27)	Zimbabwe	7 080	0.01	99.98	0
31	(31)	Thailand	3 675	0.01	99.99	0
32	(32)	Tanzania	2 500	0.00	99.99	0
33	(33)	Philippines	2 271	0.00	100.00	0
34	(34)	Burkina Faso	650	0.00	100.00	0
35	(36)	Pakistan	540	0.00	100.00	0
36	(35)	Indonesia	200	0.00	100.00	0
Total			50 150 274	100.00		1 620

## Potash

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	Canada	10 455 000	30.78	30.78	947
2	(2)	Russia (Europe)	5 935 400	17.47	48.25	305
3	(3)	Belorussia	4 967 000	14.62	62.87	214
4	(4)	Germany, Federal Rep.	3 280 000	9.66	72.53	93
5	(5)	Israel	2 169 316	6.39	78.91	41
6	(7)	Jordan	2 004 634	5.90	84.81	35
7	(6)	China	1 980 000	5.83	90.64	34
8	(8)	United States	1 100 000	3.24	93.88	10
9	(9)	Chile	753 995	2.22	96.10	5
10	(10)	Spain	473 000	1.39	97.49	2
11	(12)	United Kingdom	403 800	1.19	98.68	1
12	(11)	Brazil	383 000	1.13	99.81	1
13	(13)	Ukraine	65 000	0.19	100.00	0
Total			33 970 145	100.00		1 688

## Salt

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	China	59 520 000	24.04	24.04	578
2	(2)	United States	47 280 000	19.09	43.13	365
3	(3)	India	16 000 000	6.46	49.59	42
4	(4)	Germany, Federal Rep.	15 519 000	6.27	55.86	39

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

5	(6)	Australia	11 160 000	4.51	60.37	20
6	(5)	Canada	11 116 000	4.49	64.85	20
7	(8)	Mexico	8 808 714	3.56	68.41	13
8	(7)	Brazil	6 900 000	2.79	71.20	8
9	(9)	Netherlands	6 694 000	2.70	73.90	7
10	(10)	France	6 000 000	2.42	76.32	6
11	(11)	United Kingdom	5 800 000	2.34	78.67	5
12	(12)	Ukraine	4 424 878	1.79	80.45	3
13	(13)	Chile	4 400 000	1.78	82.23	3
14	(14)	Spain	3 910 000	1.58	83.81	2
15	(16)	Poland	3 026 000	1.22	85.03	1
16	(19)	Romania	2 524 795	1.02	86.05	1
17	(18)	Iran	2 447 428	0.99	87.04	1
18	(15)	Italy	2 200 000	0.89	87.93	1
19	(17)	Russia (Europe)	2 200 000	0.89	88.82	1
20	(24)	Belorussia	2 000 000	0.81	89.62	1
21	(23)	Turkey	1 867 981	0.75	90.38	1
22	(22)	Pakistan	1 860 000	0.75	91.13	1
23	(20)	Argentina	1 681 261	0.68	91.81	0
24	(21)	Saudi Arabia	1 600 000	0.65	92.45	0
25	(26)	Bulgaria	1 509 900	0.61	93.06	0
26	(27)	Thailand	1 311 581	0.53	93.59	0
27	(28)	Japan	1 132 000	0.46	94.05	0
28	(29)	Tunisia	1 063 500	0.43	94.48	0
29	(25)	Egypt	1 000 000	0.40	94.88	0
30	(30)	Viet Nam	950 000	0.38	95.27	0
31	(32)	Austria	873 961	0.35	95.62	0
32	(31)	Namibia	800 000	0.32	95.94	0
33	(33)	Indonesia	700 000	0.28	96.23	0
34	(36)	Bahamas	600 000	0.24	96.47	0
35	(35)	Denmark	600 000	0.24	96.71	0
36	(40)	Bosnia-Herzegovina	562 127	0.23	96.94	0
37	(34)	Portugal	560 361	0.23	97.16	0
38	(37)	Colombia	554 727	0.22	97.39	0
39	(39)	Philippines	510 059	0.21	97.59	0
40	(38)	DPR Korea	500 000	0.20	97.80	0
41	(42)	Israel	420 809	0.17	97.97	0
42	(41)	South Africa, Rep. of	415 996	0.17	98.13	0
43	(43)	Bangladesh	350 000	0.14	98.28	0
44	(44)	Venezuela	350 000	0.14	98.42	0
45	(45)	Switzerland	300 000	0.12	98.54	0
46	(47)	Peru	250 000	0.10	98.64	0
47	(46)	Ghana	250 000	0.10	98.74	0
48	(51)	Senegal	240 000	0.10	98.84	0
49	(50)	Greece	220 000	0.09	98.93	0
50	(48)	Morocco	219 187	0.09	99.01	0
51	(49)	Turkmenistan	215 000	0.09	99.10	0
52	(52)	Algeria	201 603	0.08	99.18	0
53	(53)	Botswana	170 994	0.07	99.25	0
54	(54)	Cuba	157 300	0.06	99.32	0
55	(56)	Taiwan	118 046	0.05	99.36	0
56	(57)	New Zealand	100 000	0.04	99.40	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



57	(55)	Slovakia	99 310	0.04	99.44	0
58	(59)	Mozambique	90 000	0.04	99.48	0
59	(58)	Syria	88 600	0.04	99.52	0
60	(60)	Cambodia	75 000	0.03	99.55	0
61	(63)	Yemen, Republic of	70 000	0.03	99.57	0
62	(62)	Sri Lanka	70 000	0.03	99.60	0
63	(61)	Madagascar	70 000	0.03	99.63	0
64	(66)	Nicaragua	50 000	0.02	99.65	0
65	(65)	Dominican Republic	50 000	0.02	99.67	0
66	(64)	Guatemala	50 000	0.02	99.69	0
67	(85)	Ethiopia	40 004	0.02	99.71	0
68	(67)	Libya	40 000	0.02	99.72	0
69	(73)	Armenia	37 000	0.01	99.74	0
70	(68)	Costa Rica	36 000	0.01	99.75	0
71	(77)	Angola	35 000	0.01	99.77	0
72	(70)	Puerto Rico	35 000	0.01	99.78	0
73	(71)	Myanmar	35 000	0.01	99.80	0
74	(72)	Laos	35 000	0.01	99.81	0
75	(74)	Croatia	32 500	0.01	99.82	0
76	(76)	Serbia, Rep. of	30 115	0.01	99.83	0
77	(78)	United Arab Emirates	29 000	0.01	99.85	0
78	(75)	El Salvador	27 482	0.01	99.86	0
79	(93)	Eritrea	26 071	0.01	99.87	0
80	(91)	Kenya	26 051	0.01	99.88	0
81	(69)	Tanzania	25 896	0.01	99.89	0
82	(87)	Jordan	25 530	0.01	99.90	0
83	(84)	Montenegro	25 200	0.01	99.91	0
84	(80)	Honduras	25 000	0.01	99.92	0
85	(81)	Iraq	25 000	0.01	99.93	0
86	(82)	Sudan	23 000	0.01	99.94	0
87	(83)	Panama	20 000	0.01	99.95	0
88	(79)	Afghanistan	20 000	0.01	99.96	0
89	(88)	Albania	20 000	0.01	99.96	0
90	(86)	Jamaica	19 000	0.01	99.97	0
91	(89)	Benin	15 000	0.01	99.98	0
92	(90)	Kuwait	15 000	0.01	99.98	0
93	(92)	Oman	10 000	0.00	99.99	0
94	(94)	Azerbaijan	7 527	0.00	99.99	0
95	(95)	Malta	6 000	0.00	99.99	0
96	(97)	Iceland	5 000	0.00	99.99	0
97	(96)	Uganda	4 000	0.00	100.00	0
98	(98)	Lebanon	4 000	0.00	100.00	0
99	(**)	Bolivia	2 000	0.00	100.00	0
100	(**)	Cape Verde	1 600	0.00	100.00	0
101	(**)	Niger	1 300	0.00	100.00	0
102	(99)	Slovenia	535	0.00	100.00	0
103	(**)	Mongolia	103	0.00	100.00	0
		Total	247 625 032	100.00		1 119

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Sulfur

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	(1)	United States	9 526 000	16.24	16.24	264
2	(3)	China	8 610 000	14.68	30.92	216
3	(2)	Canada	7 971 000	13.59	44.51	185
4	(4)	Russia (Europe)	7 372 000	12.57	57.08	158
5	(5)	Japan	3 831 000	6.53	63.61	43
6	(6)	Saudi Arabia	2 900 000	4.94	68.56	24
7	(7)	Kazakhstan	2 124 600	3.62	72.18	13
8	(10)	Iran	1 570 000	2.68	74.86	7
9	(9)	Mexico	1 559 000	2.66	77.52	7
10	(11)	Poland	1 303 000	2.22	79.74	5
11	(8)	India	1 170 000	1.99	81.73	4
12	(12)	Germany, Federal Rep.	1 029 667	1.76	83.49	3
13	(13)	Australia	926 000	1.58	85.07	2
14	(15)	Kuwait	830 000	1.42	86.48	2
15	(14)	Venezuela	800 000	1.36	87.85	2
16	(16)	Italy	740 000	1.26	89.11	2
17	(19)	Finland	707 300	1.21	90.31	1
18	(18)	France	654 000	1.12	91.43	1
19	(20)	South Africa, Rep. of	630 000	1.07	92.50	1
20	(22)	Qatar	570 017	0.97	93.48	1
21	(17)	Spain	569 000	0.97	94.45	1
22	(21)	Brazil	548 000	0.93	95.38	1
23	(23)	Bulgaria	380 000	0.65	96.03	0
24	(24)	Indonesia	309 000	0.53	96.55	0
25	(25)	Taiwan	211 869	0.36	96.92	0
26	(26)	Peru	204 100	0.35	97.26	0
27	(27)	Greece	159 000	0.27	97.53	0
28	(29)	Turkey	152 000	0.26	97.79	0
29	(28)	Libya	150 000	0.26	98.05	0
30	(31)	United Kingdom	135 000	0.23	98.28	0
31	(30)	Ukraine	134 000	0.23	98.51	0
32	(34)	Zambia	131 000	0.22	98.73	0
33	(32)	Norway	123 000	0.21	98.94	0
34	(33)	Iraq	100 000	0.17	99.11	0
35	(35)	United Arab Emirates	87 000	0.15	99.26	0
36	(36)	Egypt	80 000	0.14	99.40	0
37	(37)	Bahrain	74 000	0.13	99.52	0
38	(39)	Lithuania	73 870	0.13	99.65	0
39	(38)	Serbia, Rep. of	51 000	0.09	99.74	0
40	(40)	DPR Korea	44 000	0.08	99.81	0
41	(41)	Pakistan	29 000	0.05	99.86	0
42	(42)	Ecuador	25 000	0.04	99.90	0
43	(43)	Colombia	24 000	0.04	99.94	0
44	(44)	Algeria	19 300	0.03	99.98	0
45	(45)	Austria	8 016	0.01	99.99	0
46	(46)	Turkmenistan	5 000	0.01	100.00	0
47	(47)	Albania	750	0.00	100.00	0
		Total	58 650 489	100.00		943

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Talc

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	2 200 000	28.21	28.21	796
2	( 2)	India	1 046 410	13.42	41.63	180
3	( 3)	Korea, Republic of	825 000	10.58	52.21	112
4	( 4)	United States	706 000	9.05	61.26	82
5	( 5)	Finland	550 000	7.05	68.31	50
6	( 6)	France	420 000	5.39	73.70	29
7	( 8)	Brazil	405 000	5.19	78.89	27
8	( 9)	Japan	330 000	4.23	83.12	18
9	(10)	Austria	154 577	1.98	85.11	4
10	( 7)	Thailand	154 000	1.97	87.08	4
11	(12)	Italy	140 000	1.80	88.88	3
12	(11)	Australia	120 000	1.54	90.41	2
13	(13)	South Africa, Rep. of	85 849	1.10	91.52	1
14	(16)	Russia (Europe)	80 000	1.03	92.54	1
15	(15)	Russia (Asia)	80 000	1.03	93.57	1
16	(18)	Canada	70 000	0.90	94.46	1
17	(14)	Spain	60 000	0.77	95.23	1
18	(19)	Bhutan	56 077	0.72	95.95	1
19	(17)	Iran	50 515	0.65	96.60	0
20	(20)	DPR Korea	50 000	0.64	97.24	0
21	(22)	Egypt	43 990	0.56	97.81	0
22	(21)	Peru	35 968	0.46	98.27	0
23	(23)	Norway	30 000	0.38	98.65	0
24	(25)	Morocco	26 000	0.33	98.99	0
25	(24)	Mexico	16 405	0.21	99.20	0
26	(26)	Colombia	15 000	0.19	99.39	0
27	(27)	Argentina	12 988	0.17	99.55	0
28	(29)	Nepal	9 040	0.12	99.67	0
29	(28)	Portugal	8 447	0.11	99.78	0
30	(31)	Turkey	5 000	0.06	99.84	0
31	(30)	Sweden	4 000	0.05	99.89	0
32	(32)	United Kingdom	2 410	0.03	99.92	0
33	(35)	Romania	1 943	0.02	99.95	0
34	(36)	Uruguay	1 000	0.01	99.96	0
35	(34)	Macedonia	977	0.01	99.98	0
36	(33)	Chile	961	0.01	99.99	0
37	(37)	Guatemala	583	0.01	99.99	0
38	(38)	Greece	200	0.00	100.00	0
39	(39)	Slovakia	200	0.00	100.00	0
		Total	7 798 540	100.00		1 313

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Vermiculite

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	South Africa, Rep. of	199 764	43.09	43.09	1 857
2	( 2)	United States	108 679	23.44	66.54	550
3	( 3)	Ukraine	60 000	12.94	79.48	168
4	( 4)	Russia (Europe)	25 000	5.39	84.87	29
5	( 5)	Brazil	20 000	4.31	89.19	19
6	( 7)	India	13 368	2.88	92.07	8
7	( 6)	Zimbabwe	13 000	2.80	94.87	8
8	( 8)	Australia	8 319	1.79	96.67	3
9	(10)	Egypt	7 560	1.63	98.30	3
10	( 9)	Japan	6 000	1.29	99.59	2
11	(11)	Argentina	1 813	0.39	99.98	0
12	(12)	Kenya	70	0.02	100.00	0
		Total	463 573	100.00		2 647

## Zircon

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Australia	550 000	42.17	42.17	1 778
2	( 2)	South Africa, Rep. of	404 000	30.98	73.15	960
3	( 3)	China	140 000	10.73	83.88	115
4	( 4)	United States	122 000	9.35	93.24	88
5	( 5)	Ukraine	35 000	2.68	95.92	7
6	( 6)	Brazil	26 800	2.05	97.97	4
7	( 7)	India	24 000	1.84	99.81	3
8	(10)	Sri Lanka	1 447	0.11	99.92	0
9	( 8)	Malaysia	984	0.08	100.00	0
		Total	1 304 231	100.00		2 955

## 6.6.5 Mineral Fuels / Energierohstoffe

### Steam Coal

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	2 333 954 000	45.76	45.76	2 094
2	( 2)	United States	1 048 557 642	20.56	66.32	423
3	( 3)	India	461 890 000	9.06	75.38	82
4	( 4)	South Africa, Rep. of	234 219 000	4.59	79.97	21
5	( 5)	Indonesia	214 873 000	4.21	84.18	18
6	( 6)	Australia	184 000 000	3.61	87.79	13
7	( 7)	Russia (Asia)	181 942 000	3.57	91.36	13
8	( 8)	Kazakhstan	90 567 000	1.78	93.14	3
9	(10)	Colombia	77 264 000	1.51	94.65	2
10	( 9)	Poland	71 679 000	1.41	96.06	2
11	(11)	Viet Nam	39 940 000	0.78	96.84	1
12	(12)	Ukraine	37 591 000	0.74	97.58	1
13	(13)	DPR Korea	28 552 000	0.56	98.14	0
14	(14)	United Kingdom	16 203 000	0.32	98.45	0
15	(16)	Mexico	9 589 000	0.19	98.64	0
16	(17)	Venezuela	8 792 000	0.17	98.81	0
17	(15)	Germany, Federal Rep.	8 589 000	0.17	98.98	0
18	(18)	Spain	7 304 000	0.14	99.13	0
19	(19)	Brazil	6 100 000	0.12	99.25	0
20	(21)	Canada	5 259 000	0.10	99.35	0
21	(22)	Czech Republic	4 685 000	0.09	99.44	0
22	(24)	Norway	3 926 000	0.08	99.52	0
23	(20)	Pakistan	3 425 000	0.07	99.58	0
24	(27)	Zimbabwe	3 034 000	0.06	99.64	0
25	(28)	Romania	2 801 000	0.05	99.70	0
26	(25)	Korea, Republic of	2 773 000	0.05	99.75	0
27	(23)	Philippines	2 356 000	0.05	99.80	0
28	(26)	New Zealand	2 302 000	0.05	99.84	0
29	(31)	Malaysia	1 145 594	0.02	99.87	0
30	(32)	Botswana	1 036 000	0.02	99.89	0
31	(29)	Turkey	1 016 000	0.02	99.91	0
32	(30)	Myanmar	992 000	0.02	99.93	0
33	(33)	Iran	568 000	0.01	99.94	0
34	(42)	Mongolia	470 000	0.01	99.95	0
35	(36)	Chile	424 000	0.01	99.96	0
36	(34)	France	277 000	0.01	99.96	0
37	(35)	Swaziland	250 000	0.00	99.97	0
38	(37)	Argentina	207 983	0.00	99.97	0
39	(38)	Niger	182 912	0.00	99.97	0
40	(41)	Kyrgystan	182 000	0.00	99.98	0
41	(39)	Zambia	165 000	0.00	99.98	0
42	(45)	Peru	128 000	0.00	99.98	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

43	(46)	Bhutan	123 704	0.00	99.99	0
44	(40)	Italy	120 000	0.00	99.99	0
45	(44)	Congo,D.R.	116 000	0.00	99.99	0
46	(43)	Afghanistan	100 000	0.00	99.99	0
47	(47)	Uzbekistan	99 000	0.00	99.99	0
48	(48)	Tajikistan	84 000	0.00	100.00	0
49	(49)	Tanzania	68 000	0.00	100.00	0
50	(50)	Malawi	60 000	0.00	100.00	0
51	(51)	Mozambique	25 000	0.00	100.00	0
52	(52)	Egypt	24 000	0.00	100.00	0
53	(53)	Bulgaria	20 200	0.00	100.00	0
54	(55)	Nepal	12 000	0.00	100.00	0
55	(54)	Georgia	9 000	0.00	100.00	0
56	(56)	Nigeria	8 000	0.00	100.00	0
		Total	5 100 080 035	100.00		2 673

## Coking Coal

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	China	427 437 000	51.63	51.63	2 666
2	( 2)	Australia	145 000 000	17.51	69.15	307
3	( 3)	Russia (Asia)	65 140 000	7.87	77.01	62
4	( 4)	United States	57 367 000	6.93	83.94	48
5	( 5)	Canada	27 942 000	3.38	87.32	11
6	( 6)	India	27 586 000	3.33	90.65	11
7	( 7)	Ukraine	21 757 000	2.63	93.28	7
8	(10)	Kazakhstan	13 850 000	1.67	94.95	3
9	( 9)	Poland	11 921 000	1.44	96.39	2
10	( 8)	Germany, Federal Rep.	10 554 000	1.27	97.67	2
11	(11)	Czech Republic	7 512 000	0.91	98.57	1
12	(13)	New Zealand	2 353 000	0.28	98.86	0
13	(12)	Mexico	1 889 000	0.23	99.09	0
14	(16)	Turkey	1 615 000	0.20	99.28	0
15	(14)	South Africa, Rep. of	1 531 000	0.18	99.47	0
16	(18)	Colombia	1 348 000	0.16	99.63	0
17	(15)	Iran	992 000	0.12	99.75	0
18	(17)	Zimbabwe	714 000	0.09	99.84	0
19	(21)	Mongolia	634 000	0.08	99.91	0
20	(20)	Brazil	419 000	0.05	99.96	0
21	(19)	United Kingdom	307 000	0.04	100.00	0
		Total	827 868 000	100.00		3 120

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Lignite

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Germany, Federal Rep.	175 313 000	19.71	19.71	389
2	( 3)	Turkey	73 124 000	8.22	27.94	68
3	( 2)	United States	68 659 367	7.72	35.66	60
4	( 4)	Russia (Asia)	68 439 600	7.70	43.35	59
5	( 5)	Australia	66 000 000	7.42	50.77	55
6	( 6)	Greece	65 309 814	7.34	58.12	54
7	( 7)	Poland	59 900 000	6.74	64.85	45
8	( 8)	Czech Republic	52 676 000	5.92	70.77	35
9	( 9)	Canada	34 908 000	3.93	74.70	15
10	(11)	Romania	32 300 000	3.63	78.33	13
11	(12)	India	32 242 000	3.63	81.96	13
12	(10)	Serbia, Rep. of	29 605 000	3.33	85.29	11
13	(13)	Bulgaria	28 847 700	3.24	88.53	11
14	(14)	Thailand	17 568 000	1.98	90.51	4
15	(16)	Hungary	9 404 000	1.06	91.56	1
16	(19)	Mongolia	9 012 000	1.01	92.58	1
17	(15)	China	9 000 000	1.01	93.59	1
18	(22)	DPR Korea	8 956 000	1.01	94.59	1
19	( 0)	Kosovo	7 842 000	0.88	95.48	1
20	(20)	Russia (Europe)	7 604 400	0.86	96.33	1
21	(17)	Bosnia-Herzegovina	7 148 312	0.80	97.14	1
22	(21)	Macedonia	5 046 000	0.57	97.70	0
23	(24)	Kazakhstan	4 776 700	0.54	98.24	0
24	(23)	Slovenia	4 497 270	0.51	98.75	0
25	(18)	Spain	2 896 000	0.33	99.07	0
26	(25)	Uzbekistan	2 400 000	0.27	99.34	0
27	(26)	Slovakia	2 242 820	0.25	99.59	0
28	(27)	Montenegro	1 740 076	0.20	99.79	0
29	(28)	Laos	600 000	0.07	99.86	0
30	(30)	Kyrgystan	364 000	0.04	99.90	0
31	(29)	Myanmar	328 000	0.04	99.93	0
32	(31)	Ukraine	289 000	0.03	99.97	0
33	(32)	New Zealand	253 000	0.03	100.00	0
34	(33)	Nepal	16 300	0.00	100.00	0
35	(34)	Albania	13 000	0.00	100.00	0
36	(35)	Tajikistan	12 000	0.00	100.00	0
		Total	889 333 359	100.00		839

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Natural Gas

Rank 2008	Rank 2007	Country	Production 2008 Mio m <sup>3</sup>	Share in %	cum. sh.	HHI
1	(2)	United States	601 967	20.35	20.35	414
2	(1)	Russia (Europe)	487 350	16.48	36.83	271
3	(3)	Canada	166 900	5.64	42.47	32
4	(4)	Iran	112 000	3.79	46.26	14
5	(5)	Norway	99 700	3.37	49.63	11
6	(6)	Algeria	88 000	2.98	52.60	9
7	(10)	Netherlands	80 000	2.70	55.31	7
8	(9)	Saudi Arabia	76 000	2.57	57.87	7
9	(8)	United Kingdom	75 382	2.55	60.42	6
10	(7)	Indonesia	70 000	2.37	62.79	6
11	(15)	Qatar	65 623	2.22	65.01	5
12	(14)	Uzbekistan	64 000	2.16	67.17	5
13	(11)	Turkmenistan	63 700	2.15	69.33	5
14	(16)	China	59 600	2.01	71.34	4
15	(17)	Mexico	58 300	1.97	73.31	4
16	(13)	Malaysia	57 300	1.94	75.25	4
17	(12)	Russia (Asia)	54 150	1.83	77.08	3
18	(18)	United Arab Emirates	50 240	1.70	78.78	3
19	(20)	Egypt	46 500	1.57	80.35	2
20	(19)	Argentina	43 000	1.45	81.80	2
21	(22)	Trinidad and Tobago	39 300	1.33	83.13	2
22	(21)	Australia	38 256	1.29	84.42	2
23	(24)	Pakistan	33 800	1.14	85.57	1
24	(26)	Kazakhstan	32 889	1.11	86.68	1
25	(23)	Nigeria	32 825	1.11	87.79	1
26	(25)	India	32 200	1.09	88.88	1
27	(27)	Venezuela	27 000	0.91	89.79	1
28	(28)	Thailand	26 000	0.88	90.67	1
29	(29)	Oman	24 000	0.81	91.48	1
30	(30)	Ukraine	21 444	0.72	92.21	1
31	(32)	Germany, Federal Rep.	16 547	0.56	92.77	0
32	(34)	Libya	15 900	0.54	93.30	0
33	(33)	Bangladesh	15 800	0.53	93.84	0
34	(36)	Bolivia	14 200	0.48	94.32	0
35	(39)	Kuwait	12 700	0.43	94.75	0
36	(40)	Bahrain	12 640	0.43	95.17	0
37	(31)	Brazil	12 500	0.42	95.60	0
38	(37)	Brunei	12 434	0.42	96.02	0
39	(35)	Myanmar	12 400	0.42	96.44	0
40	(38)	Romania	11 800	0.40	96.83	0
41	(43)	Azerbaijan	9 800	0.33	97.17	0
42	(46)	Colombia	9 240	0.31	97.48	0
43	(42)	Italy	9 140	0.31	97.79	0
44	(41)	Denmark	9 100	0.31	98.09	0
45	(44)	Syria	7 574	0.26	98.35	0
46	(45)	Viet Nam	7 100	0.24	98.59	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



47	(47)	Poland	5 720	0.19	98.78	0
48	(48)	New Zealand	3 900	0.13	98.92	0
49	(50)	Philippines	3 883	0.13	99.05	0
50	(49)	Japan	3 735	0.13	99.17	0
51	(52)	Israel	3 430	0.12	99.29	0
52	(51)	Croatia	2 847	0.10	99.39	0
53	(53)	Hungary	2 610	0.09	99.47	0
54	(54)	Tunisia	2 250	0.08	99.55	0
55	(55)	Chile	1 828	0.06	99.61	0
56	(56)	Austria	1 543	0.05	99.66	0
57	(58)	Cote d'Ivoire	1 500	0.05	99.71	0
58	(57)	Iraq	1 480	0.05	99.76	0
59	(59)	Cuba	1 161	0.04	99.80	0
60	(60)	France	925	0.03	99.84	0
61	(61)	Turkey	894	0.03	99.87	0
62	(62)	Angola	630	0.02	99.89	0
63	(64)	Peru	583	0.02	99.91	0
64	(65)	Ireland	506	0.02	99.92	0
65	(66)	Taiwan	357	0.01	99.94	0
66	(69)	Serbia, Rep. of	282	0.01	99.95	0
67	(68)	Ecuador	260	0.01	99.95	0
68	(70)	Jordan	240	0.01	99.96	0
69	(67)	Bulgaria	218	0.01	99.97	0
70	(71)	Belorussia	203	0.01	99.98	0
71	(72)	Czech Republic	167	0.01	99.98	0
72	(63)	Slovakia	111	0.00	99.99	0
73	(73)	Papua New Guinea	100	0.00	99.99	0
74	(74)	Gabon	100	0.00	99.99	0
75	(76)	Afghanistan	50	0.00	99.99	0
76	(75)	Morocco	50	0.00	100.00	0
77	(77)	Spain	24	0.00	100.00	0
78	(78)	Barbados	21	0.00	100.00	0
79	(79)	Greece	14	0.00	100.00	0
80	(80)	Tajikistan	14	0.00	100.00	0
81	(82)	Senegal	10	0.00	100.00	0
82	(83)	Kyrgystan	10	0.00	100.00	0
83	(81)	Albania	10	0.00	100.00	0
84	(84)	Guatemala	10	0.00	100.00	0
85	(85)	Slovenia	3	0.00	100.00	0
		Total	2 957 980	100.00		826

## Oil

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Saudi Arabia	514 000 000	13.40	13.40	179
2	( 2)	Russia (Europe)	439 650 000	11.46	24.86	131
3	( 3)	United States	315 000 000	8.21	33.07	67

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

4	(4)	Iran	208 100 000	5.42	38.49	29
5	(5)	China	189 000 000	4.93	43.42	24
6	(6)	Mexico	177 100 000	4.62	48.03	21
7	(8)	Kuwait	139 576 146	3.64	51.67	13
8	(9)	United Arab Emirates	139 500 000	3.64	55.31	13
9	(7)	Venezuela	131 900 000	3.44	58.75	12
10	(11)	Iraq	119 300 000	3.11	61.86	10
11	(10)	Norway	114 500 000	2.98	64.84	9
12	(12)	Nigeria	105 300 000	2.74	67.58	8
13	(13)	Brazil	93 900 000	2.45	70.03	6
14	(16)	Angola	92 200 000	2.40	72.43	6
15	(15)	Algeria	86 800 000	2.26	74.70	5
16	(14)	Libya	86 200 000	2.25	76.94	5
17	(17)	Canada	70 346 169	1.83	78.78	3
18	(18)	United Kingdom	65 293 585	1.70	80.48	3
19	(19)	Kazakhstan	58 646 000	1.53	82.01	2
20	(20)	Indonesia	49 100 000	1.28	83.29	2
21	(21)	Russia (Asia)	48 850 000	1.27	84.56	2
22	(22)	Azerbaijan	45 354 945	1.18	85.74	1
23	(23)	Qatar	43 775 843	1.14	86.88	1
24	(24)	India	38 000 000	0.99	87.87	1
25	(26)	Oman	36 000 000	0.94	88.81	1
26	(28)	Egypt	34 600 000	0.90	89.71	1
27	(27)	Malaysia	34 300 000	0.89	90.61	1
28	(25)	Argentina	34 200 000	0.89	91.50	1
29	(29)	Colombia	30 500 000	0.79	92.30	1
30	(31)	Australia	26 729 000	0.70	92.99	0
31	(30)	Ecuador	26 200 000	0.68	93.67	0
32	(32)	Sudan	23 700 000	0.62	94.29	0
33	(33)	Syria	19 638 979	0.51	94.80	0
34	(35)	Equatorial Guinea	17 900 000	0.47	95.27	0
35	(36)	Viet Nam	15 400 000	0.40	95.67	0
36	(37)	Yemen, Republic of	15 350 318	0.40	96.07	0
37	(34)	Denmark	14 500 000	0.38	96.45	0
38	(38)	Thailand	13 400 000	0.35	96.80	0
39	(39)	Congo	12 900 000	0.34	97.14	0
40	(40)	Gabon	11 500 000	0.30	97.44	0
41	(41)	Brunei	9 103 873	0.24	97.67	0
42	(42)	Turkmenistan	8 800 000	0.23	97.90	0
43	(43)	Trinidad and Tobago	6 900 000	0.18	98.08	0
44	(44)	Italy	5 200 000	0.14	98.22	0
45	(45)	Uzbekistan	5 000 000	0.13	98.35	0
46	(51)	Pakistan	4 747 000	0.12	98.47	0
47	(47)	Tunisia	4 694 265	0.12	98.59	0
48	(46)	Romania	4 530 950	0.12	98.71	0
49	(48)	Ukraine	4 328 000	0.11	98.83	0
50	(49)	Cameroon	4 170 000	0.11	98.93	0
51	(50)	Peru	3 994 298	0.10	99.04	0
52	(58)	New Zealand	3 135 620	0.08	99.12	0
53	(54)	Cote d'Ivoire	3 086 218	0.08	99.20	0
54	(52)	Germany, Federal Rep.	3 054 000	0.08	99.28	0
55	(53)	Cuba	3 003 000	0.08	99.36	0

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

56	(61)	Turkey	2 200 000	0.06	99.42	0
57	(56)	Netherlands	2 100 000	0.05	99.47	0
58	(57)	Bolivia	2 027 922	0.05	99.52	0
59	(55)	Papua New Guinea	1 986 330	0.05	99.57	0
60	(59)	Bahrain	1 850 000	0.05	99.62	0
61	(60)	Belorussia	1 740 020	0.05	99.67	0
62	(64)	Myanmar	1 113 584	0.03	99.70	0
63	(63)	France	1 022 307	0.03	99.72	0
64	(62)	Congo,D.R.	995 273	0.03	99.75	0
65	(65)	Japan	985 680	0.03	99.78	0
66	(68)	Philippines	902 000	0.02	99.80	0
67	(66)	Austria	861 639	0.02	99.82	0
68	(67)	Hungary	834 536	0.02	99.84	0
69	(69)	Guatemala	810 022	0.02	99.86	0
70	(72)	Suriname	771 660	0.02	99.88	0
71	(71)	Poland	740 140	0.02	99.90	0
72	(73)	Serbia, Rep. of	700 000	0.02	99.92	0
73	(70)	Mauritania	592 679	0.02	99.94	0
74	(74)	Croatia	587 831	0.02	99.95	0
75	(75)	Albania	364 343	0.01	99.96	0
76	(76)	Bangladesh	295 739	0.01	99.97	0
77	(77)	Czech Republic	236 000	0.01	99.98	0
78	(81)	Mongolia	162 000	0.00	99.98	0
79	(80)	Chile	138 176	0.00	99.98	0
80	(78)	Lithuania	127 710	0.00	99.99	0
81	(79)	Spain	127 000	0.00	99.99	0
82	(84)	Georgia	95 219	0.00	99.99	0
83	(83)	Kyrgystan	75 000	0.00	100.00	0
84	(82)	Greece	67 242	0.00	100.00	0
85	(85)	Barbados	39 119	0.00	100.00	0
86	(89)	Bulgaria	23 000	0.00	100.00	0
87	(87)	Slovakia	20 800	0.00	100.00	0
88	(88)	Tajikistan	14 000	0.00	100.00	0
89	(86)	Senegal	13 400	0.00	100.00	0
90	(90)	Morocco	9 000	0.00	100.00	0
91	(91)	Jordan	2 230	0.00	100.00	0
92	(92)	Israel	2 200	0.00	100.00	0
93	(93)	Slovenia	174	0.00	100.00	0
		Total	3 836 592 184	100.00		558

## Oil Sands

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Canada	52 367 280	59.94	59.94	3 593
2	( 2)	Venezuela	35 000 000	40.06	100.00	1 605
		Total	87 367 280	100.00		5 198

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Oil Shales

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 1)	Estonia	16 117 000	91.55	91.55	8 381
2	( 2)	Russia (Europe)	1 200 000	6.82	98.37	46
3	( 3)	Germany, Federal Rep.	277 820	1.58	99.94	2
4	( 4)	France	10 000	0.06	100.00	0
5	( 5)	Austria	3	0.00	100.00	0
		Total	17 604 823	100.00		8 429

## Uranium

Rank 2008	Rank 2007	C o u n t r y	Production 2008 metr.t.	Share in %	cum. sh.	HHI
1	( 3)	Kazakhstan	10 048	20.66	20.66	427
2	( 1)	Australia	9 943	20.44	41.10	418
3	( 2)	Canada	9 001	18.50	59.60	342
4	( 4)	Russia (Asia)	4 152	8.54	68.14	73
5	( 5)	Niger	3 575	7.35	75.49	54
6	( 6)	Namibia	3 529	7.25	82.74	53
7	( 7)	Uzbekistan	2 757	5.67	88.41	32
8	( 8)	United States	1 769	3.64	92.05	13
9	( 9)	Ukraine	943	1.94	93.98	4
10	(10)	China	906	1.86	95.85	3
11	(11)	South Africa, Rep. of	771	1.59	97.43	3
12	(13)	Brazil	389	0.80	98.23	1
13	(12)	Czech Republic	342	0.70	98.94	0
14	(14)	India	320	0.66	99.59	0
15	(15)	Romania	91	0.19	99.78	0
16	(16)	Pakistan	53	0.11	99.89	0
17	(17)	Germany, Federal Rep.	48	0.10	99.99	0
18	(18)	France	6	0.01	100.00	0
		Total	48 643	100.00		1 423

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## 6.7 Production of Mineral Raw Materials of individual Countries, by Countries

### Produktion mineralischer Rohstoffe der einzelnen Länder, nach Ländern

#### Abu Dhabi (UAE)

Minerals production: see United Arab Emirates

#### Afghanistan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium	(t)	2 900	3 000	3 200	2 856	2 856	-1.52	0.00
Copper	(t)	2 500	2 700	0	0	0	-100.00	.
Baryte	(t)	6 000	6 300	6 500	6 000	5 500	-8.33	-8.33
Fluorspar	(t)	1 700	2 000	2 200	1 500	1 000	-41.18	-33.33
Gypsum	(t)	320 000	340 000	350 000	350 000	300 000	-6.25	-14.29
Salt	(t)	25 000	27 000	27 800	27 000	20 000	-20.00	-25.93
Steam-Coal	(t)	240 000	280 000	300 000	140 000	100 000	-58.33	-28.57
Nat.Gas (Mio m3)		320	330	340	50	50	-84.38	0.00

#### Albania

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	4 400	4 300	3 600	3 600	4 766	8.32	32.39
Chromium	(t)	66 525	81 060	84 470	135 899	97 848	47.08	-28.00
Copper	(t)	600	1 700	400	1 300	1 000	66.67	-23.08
Salt	(t)	17 000	16 800	16 600	17 000	20 000	17.65	17.65
Sulfur	(t)	830	810	800	800	750	-9.64	-6.25
Lignite	(t)	15 000	20 000	12 000	13 000	13 000	-13.33	0.00
Nat.Gas (Mio m3)		10	11	11	11	10	0.00	-9.09
Oil	(t)	350 000	370 000	370 000	365 110	364 343	4.10	-0.21

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Algeria

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	763 560	828 900	1 263 600	1 070 335	1 121 580	46.89	4.79
Mercury	(t)	74	8	0	0	0	-100.00	.
Zinc	(t)	124	2 400	309	0	0	-100.00	.
Gold	(kg)	597	641	377	236	647	8.38	174.15
Silver	(kg)	0	800	500	46	114	.	147.83
Baryte	(t)	47 945	54 773	64 787	63 098	60 088	25.33	-4.77
Bentonite	(t)	30 319	29 029	27 110	32 600	30 595	0.91	-6.15
Diatomite	(t)	2 665	2 800	1 800	1 902	2 000	-24.95	5.15
Feldspar	(t)	0	0	0	83 208	115 938	.	39.34
Gypsum	(t)	467 352	857 502	1 030 000	1 198 303	1 671 651	257.69	39.50
Kaolin	(t)	24 299	34 386	32 523	106 567	50 788	109.01	-52.34
Phosphate	(t)	129 600	298 520	513 400	612 008	613 700	373.53	0.28
Salt	(t)	183 000	191 132	259 596	183 189	201 603	10.17	10.05
Sulfur	(t)	20 000	19 000	18 700	19 000	19 300	-3.50	1.58
Nat.Gas (Mio m3)		80 100	89 235	88 209	84 837	88 000	9.86	3.73
Oil	(t)	83 700 000	92 500 000	87 500 000	86 600 000	86 800 000	3.70	0.23

## Angola

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Diam. (Gem)	(ct)	5 490 000	6 300 000	7 000 000	8 730 000	8 016 277	46.02	-8.18
Diam. (Ind)	(ct)	610 000	700 000	800 000	970 000	890 697	46.02	-8.18
Gypsum	(t)	17 000	15 000	14 000	15 000	15 000	-11.76	0.00
Salt	(t)	16 000	30 000	35 000	30 000	35 000	118.75	16.67
Nat.Gas (Mio m3)		750	650	680	830	630	-16.00	-24.10
Oil	(t)	48 000 000	60 900 000	68 500 000	84 300 000	92 200 000	92.08	9.37

## Argentina

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	0	0	0	55 705	141 855	.	154.65
Aluminium	(t)	272 100	270 700	287 382	298 159	393 700	44.69	32.04
Cadmium	(t)	39	3	6	6	6	-84.62	0.00
Copper	(t)	177 100	187 317	180 144	180 223	156 893	-11.41	-12.95
Lead	(t)	9 600	10 683	12 064	17 045	20 788	116.54	21.96

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Zinc	(t)	27 200	30 227	29 808	27 025	30 349	11.58	12.30
Gold	(kg)	28 466	27 904	44 131	42 021	42 142	48.04	0.29
Silver	(kg)	172 387	263 766	245 124	255 567	255 000	47.92	-0.22
Baryte	(t)	3 500	3 910	6 276	3 798	3 170	-9.43	-16.54
Bentonite	(t)	163 028	243 590	256 165	250 260	256 182	57.14	2.37
Boron	(t)	821 031	632 792	553 535	669 578	785 555	-4.32	17.32
Diatomite	(t)	25 000	29 495	38 543	49 604	36 996	47.98	-25.42
Feldspar	(t)	90 000	151 307	170 728	291 562	220 234	144.70	-24.46
Fluorspar	(t)	5 400	6 962	8 278	9 735	15 098	179.59	55.09
Gypsum	(t)	974 935	1 050 193	1 202 812	1 226 530	1 257 310	28.96	2.51
Kaolin	(t)	39 072	54 705	49 619	69 354	73 539	88.21	6.03
Perlite	(t)	20 000	21 991	25 146	35 838	26 545	32.73	-25.93
Salt	(t)	1 100 000	1 699 539	1 917 898	2 357 674	1 681 261	52.84	-28.69
Talc	(t)	7 620	11 492	13 773	14 956	12 988	70.45	-13.16
Vermiculite	(t)	1 200	1 403	1 585	1 726	1 813	51.08	5.04
Steam-Coal	(t)	370 000	320 000	295 333	220 075	207 983	-43.79	-5.49
Nat.Gas (Mio m3)		37 100	40 200	45 619	44 000	43 000	15.90	-2.27
Oil	(t)	37 700 000	36 500 000	36 302 316	35 800 000	34 200 000	-9.28	-4.47

## Armenia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Molybdenum	(t)	2 950	3 030	3 900	4 080	4 100	38.98	0.49
Copper	(t)	17 700	16 400	17 726	17 427	17 800	0.56	2.14
Zinc	(t)	1 900	3 196	2 271	2 511	3 900	105.26	55.32
Gold	(kg)	2 112	1 373	867	565	565	-73.25	0.00
Silver	(kg)	4 000	4 000	4 000	4 000	4 000	0.00	0.00
Baryte	(t)	561	590	600	500	400	-28.70	-20.00
Bentonite	(t)	40 000	38 000	37 000	35 000	30 000	-25.00	-14.29
Diatomite	(t)	200	190	180	150	130	-35.00	-13.33
Perlite	(t)	29 996	49 963	50 000	35 000	35 000	16.68	0.00
Salt	(t)	31 625	34 700	37 000	34 800	37 000	17.00	6.32

## Australia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	145 501 650	164 710 350	173 276 460	188 408 430	214 889 850	47.69	14.06
Chromium	(t)	103 735	94 327	100 654	98 826	87 676	-15.48	-11.28
Cobalt	(t)	5 600	5 600	6 000	4 740	3 617	-35.41	-23.69

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Manganese	(t)	1 584 000	1 876 800	2 191 200	2 539 200	2 304 400	45.48	-9.25
Nickel	(t)	187 000	189 000	185 000	183 000	202 000	8.02	10.38
Tantalum-Col.	(t)	350	340	330	435	680	94.29	56.32
Titanium	(t)	1 219 000	1 294 000	1 529 000	1 599 000	1 470 000	20.59	-8.07
Tungsten	(t)	12	7	15	30	11	-8.33	-63.33
Aluminium	(t)	1 895 000	1 903 000	1 932 000	1 960 000	1 974 000	4.17	0.71
Antimony	(t)	120	120	1 600	2 000	1 000	733.33	-50.00
Bauxite	(t)	56 593 000	59 469 000	62 307 000	62 428 000	63 789 000	12.72	2.18
Cadmium	(t)	469	429	425	460	330	-29.64	-28.26
Copper	(t)	854 000	921 000	879 000	869 000	886 000	3.75	1.96
Lead	(t)	674 000	767 000	668 000	641 000	645 000	-4.30	0.62
Lithium	(t)	5 922	8 682	11 105	9 613	11 976	102.23	24.58
Tin	(t)	800	2 072	1 477	2 085	1 783	122.88	-14.48
Zinc	(t)	1 334 000	1 367 000	1 375 000	1 518 000	1 477 000	10.72	-2.70
Gold	(kg)	259 000	263 000	246 000	246 000	214 000	-17.37	-13.01
Platinum	(kg)	200	200	112	130	150	-25.00	15.38
Palladium	(kg)	846	800	600	600	600	-29.08	0.00
Silver	(kg)	2 209 000	2 417 000	1 728 000	1 871 000	1 926 000	-12.81	2.94
Baryte	(t)	17 000	17 300	18 000	13 500	16 000	-5.88	18.52
Bentonite	(t)	264 038	227 533	125 600	107 200	80 400	-69.55	-25.00
Diam. (Gem)	(ct)	8 248 000	12 271 200	14 360 000	9 400 000	7 623 000	-7.58	-18.90
Diam. (Ind)	(ct)	12 372 000	18 406 800	14 947 000	9 800 000	7 920 000	-35.98	-19.18
Diatomite	(t)	10 000	10 200	15 000	20 000	20 000	100.00	0.00
Feldspar	(t)	27 000	29 000	35 000	50 000	50 000	85.19	0.00
Gypsum	(t)	3 856 900	3 500 000	4 000 000	4 200 000	3 392 900	-12.03	-19.22
Kaolin	(t)	285 543	231 611	182 304	213 605	181 655	-36.38	-14.96
Magnesite	(t)	586 393	590 000	475 000	447 000	126 000	-78.51	-71.81
Perlite	(t)	2 100	2 000	4 000	7 000	7 000	233.33	0.00
Phosphate	(t)	463 587	445 050	479 194	489 670	495 420	6.87	1.17
Salt	(t)	11 221 000	12 444 000	14 263 000	11 440 000	11 160 000	-0.54	-2.45
Sulfur	(t)	910 000	975 000	975 000	1 040 000	926 000	1.76	-10.96
Talc	(t)	151 582	150 000	155 000	151 000	120 000	-20.83	-20.53
Vermiculite	(t)	9 400	9 200	9 000	8 900	8 319	-11.50	-6.53
Zircon	(t)	439 000	426 000	492 000	605 000	550 000	25.28	-9.09
Steam-Coal	(t)	168 005 000	170 862 000	174 561 000	181 100 000	184 000 000	9.52	1.60
Coking-Coal	(t)	117 849 000	129 328 000	125 154 000	141 900 000	145 000 000	23.04	2.18
Lignite	(t)	69 500 000	67 152 000	71 240 000	65 000 000	66 000 000	-5.04	1.54
Nat.Gas (Mio m3)		35 225	37 112	38 883	39 959	38 256	8.60	-4.26
Oil	(t)	22 900 000	22 500 000	22 900 000	24 300 000	26 729 000	16.72	10.00
Uranium	(t)	10 597	11 273	8 954	10 146	9 943	-6.17	-2.00

#### Remarks:

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 39%;  
 Spodumene conc., containing appr. 5% Li<sub>2</sub>O content;  
 Sulfur: figures reflect Sulfur from oil- and metal sulfide refining;  
 Lignite: recovered

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## Austria

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	604 614	665 344	669 438	688 904	650 455	7.58	-5.58
Tungsten	(t)	1 335	1 280	1 153	1 117	1 122	-15.96	0.45
Gypsum	(t)	1 038 127	1 017 194	1 071 452	1 063 844	1 087 259	4.73	2.20
Kaolin	(t)	16 345	16 410	17 431	16 929	16 460	0.70	-2.77
Magnesite	(t)	715 459	693 754	769 188	811 556	837 476	17.05	3.19
Salt	(t)	1 030 234	1 024 090	807 278	741 685	873 961	-15.17	17.83
Sulfur	(t)	10 705	8 458	10 166	10 786	8 016	-25.12	-25.68
Talc	(t)	136 305	166 569	159 447	153 409	154 577	13.41	0.76
Lignite	(t)	235 397	6 168	7 854	0	0	-100.00	.
Nat.Gas (Mio m3)		2 011	1 654	1 765	1 834	1 543	-23.27	-15.87
Oil	(t)	981 588	854 775	856 270	853 549	861 639	-12.22	0.95
Oil-Shale	(t)	248	0	287	4	3	-98.79	-25.00

## Azerbaijan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	19 100	7 300	11 300	24 615	25 000	30.89	1.56
Aluminium	(t)	29 500	31 800	31 900	39 200	61 600	108.81	57.14
Gypsum	(t)	3 739	28 242	35 034	22 037	38 375	926.34	74.14
Salt	(t)	9 234	11 202	12 000	7 126	7 527	-18.49	5.63
Nat.Gas (Mio m3)		4 995	5 732	6 824	9 769	9 800	96.20	0.32
Oil	(t)	15 548 800	22 214 200	32 200 000	42 597 500	45 354 945	191.69	6.47

## Bahamas

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	1 269 000	1 270 000	1 152 000	578 000	600 000	-52.72	3.81

## Bahrain

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	528 700	744 100	872 000	873 000	865 000	63.61	-0.92
Sulfur	(t)	71 258	72 963	70 000	72 000	74 000	3.85	2.78
Nat.Gas (Mio m3)		9 800	10 700	11 100	11 500	12 640	28.98	9.91
Oil	(t)	1 950 156	1 907 429	1 869 847	1 825 548	1 850 000	-5.14	1.34

## Bangladesh

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Kaolin	(t)	8 300	8 400	8 500	8 600	8 600	3.61	0.00
Salt	(t)	350 000	350 000	350 000	360 000	350 000	0.00	-2.78
Nat.Gas (Mio m3)		13 100	14 000	15 300	15 700	15 800	20.61	0.64
Oil	(t)	270 266	302 062	317 960	313 000	295 739	9.43	-5.51

### Remarks:

Crude oil incl. condensate

## Barbados

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Nat.Gas (Mio m3)		23	20	23	23	21	-8.70	-8.70
Oil	(t)	51 362	54 000	48 872	49 000	39 119	-23.84	-20.17

## Belgium

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Steam-Coal	(t)	181 000	109 000	28 000	0	0	-100.00	.

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Belorussia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Potash	(t)	4 600 000	4 844 000	4 605 000	4 971 600	4 967 000	7.98	-0.09
Salt	(t)	1 883 138	1 839 300	2 075 693	1 665 350	2 000 000	6.21	20.09
Nat.Gas (Mio m3)		245	228	219	201	203	-17.14	1.00
Oil	(t)	1 804 100	1 785 020	1 800 000	1 800 000	1 740 020	-3.55	-3.33

## Benin

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	15 000	15 000	15 000	15 000	15 000	0.00	0.00

## Bhutan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gypsum	(t)	131 236	150 585	204 198	189 198	248 445	89.31	31.31
Talc	(t)	29 631	42 791	54 208	62 014	56 077	89.25	-9.57
Steam-Coal	(t)	29 631	85 279	82 000	105 261	123 704	317.48	17.52

## Bolivia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Tantalum-Col.	(t)	11	4	3	2	2	-81.82	0.00
Tungsten	(t)	508	669	1 094	1 395	1 150	126.38	-17.56
Antimony	(t)	3 036	5 204	5 460	3 881	3 500	15.28	-9.82
Arsenic	(t)	168	120	90	0	0	-100.00	.
Bismuth	(t)	62	44	155	147	150	141.94	2.04
Copper	(t)	576	35	218	606	600	4.17	-0.99
Lead	(t)	11 252	11 231	11 955	22 798	81 600	625.20	257.93
Tin	(t)	18 115	18 640	17 669	15 972	17 300	-4.50	8.31
Zinc	(t)	147 430	159 502	172 747	214 053	383 600	160.19	79.21
Gold	(kg)	6 165	8 871	9 628	8 818	8 431	36.76	-4.39
Silver	(kg)	412 550	420 300	472 210	524 990	1 114 000	170.03	112.19

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Baryte	(t)	5 774	11 379	8 943	8 245	8 000	38.55	-2.97
Bentonite	(t)	548	590	600	600	600	9.49	0.00
Boron	(t)	68 031	62 604	50 727	79 531	90 000	32.29	13.16
Gypsum	(t)	100	26	0	0	0	-100.00	.
Salt	(t)	869	552	500	1 000	2 000	130.15	100.00
Nat.Gas (Mio m3)		12 658	12 536	13 433	14 301	14 200	12.18	-0.71
Oil	(t)	2 422 727	1 957 000	2 100 000	2 100 000	2 027 922	-16.30	-3.43

Remarks:

Salt: rock salt only;

## Bosnia and Herzegovina

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	130 000	1 390 000	1 513 000	1 295 000	749 460	476.51	-42.13
Manganese	(t)	500	500	400	500	500	0.00	0.00
Aluminium	(t)	121 294	131 200	136 200	147 200	160 500	32.32	9.04
Bauxite	(t)	916 900	1 031 600	854 000	800 500	860 000	-6.21	7.43
Lead	(t)	900	1 100	1 200	4 200	3 300	266.67	-21.43
Zinc	(t)	1 100	2 500	900	4 500	5 200	372.73	15.56
Asbestos	(t)	500	500	300	0	0	-100.00	.
Baryte	(t)	53	160	190	37	54	1.89	45.95
Bentonite	(t)	24 353	24 882	24 645	32 338	31 280	28.44	-3.27
Gypsum	(t)	75 000	80 000	124 246	129 333	98 945	31.93	-23.50
Kaolin	(t)	13 500	14 500	24 500	20 767	56 000	314.81	169.66
Magnesite	(t)	2 000	1 900	1 000	1 000	1 000	-50.00	0.00
Salt	(t)	260 456	392 940	416 300	416 500	562 127	115.82	34.96
Lignite	(t)	8 884 000	9 119 000	10 125 000	9 540 000	7 148 312	-19.54	-25.07
Oil	(t)	115 320	0	0	0	0	-100.00	.

Remarks:

Salt: rock salt and solution mining

## Botswana

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Cobalt	(t)	223	326	303	242	337	51.12	39.26
Nickel	(t)	22 300	28 200	26 800	22 844	22 900	2.69	0.25
Copper	(t)	21 200	26 700	24 300	20 000	23 100	8.96	15.50

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen

Gold	(kg)	162	2 709	3 020	2 722	3 176	1860.49	16.68
Platinum	(kg)	500	300	300	404	300	-40.00	-25.74
Palladium	(kg)	2 500	1 900	2 000	1 990	2 000	-20.00	0.50
Diam. (Gem)	(ct)	17 500 000	17 360 000	24 005 380	25 000 000	23 071 300	31.84	-7.71
Diam. (Ind)	(ct)	7 500 000	7 440 000	10 288 021	8 600 000	9 887 700	31.84	14.97
Salt	(t)	208 319	243 945	151 595	165 710	170 994	-17.92	3.19
Steam-Coal	(t)	913 087	984 876	962 427	1 038 000	1 036 000	13.46	-0.19

## Brazil

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	163 763 000	163 347 960	184 324 000	205 710 920	213 904 000	30.62	3.98
Chromium	(t)	265 294	288 250	257 366	243 995	307 035	15.73	25.84
Cobalt	(t)	4 300	4 300	4 300	4 300	4 300	0.00	0.00
Manganese	(t)	1 705 905	1 839 716	1 251 200	746 400	1 284 000	-24.73	72.03
Nickel	(t)	44 900	36 600	42 600	38 400	38 400	-14.48	0.00
Tantalum-Col.	(t)	39 296	56 287	68 850	81 922	82 000	108.67	0.10
Titanium	(t)	91 360	95 000	97 000	95 600	73 150	-19.93	-23.48
Tungsten	(t)	262	458	525	537	550	109.92	2.42
Aluminium	(t)	1 457 400	1 499 600	1 765 821	1 654 800	1 661 100	13.98	0.38
Bauxite	(t)	20 958 800	20 307 400	22 836 300	24 754 000	28 097 500	34.06	13.51
Cadmium	(t)	187	200	200	200	200	6.95	0.00
Copper	(t)	103 153	133 325	147 800	205 700	215 800	109.20	4.91
Lead	(t)	14 734	13 200	14 300	13 750	16 000	8.59	16.36
Lithium	(t)	497	473	437	430	430	-13.48	0.00
Rare Earths	(t)	170	200	390	390	390	129.41	0.00
Tin	(t)	12 202	11 739	9 528	12 596	11 600	-4.93	-7.91
Zinc	(t)	158 962	171 434	185 200	193 300	199 000	25.19	2.95
Gold	(kg)	47 596	38 293	40 075	49 613	55 153	15.88	11.17
Silver	(kg)	6 200	10 000	10 000	19 000	19 000	206.45	0.00
Asbestos	(t)	252 067	236 047	227 304	254 204	255 000	1.16	0.31
Baryte	(t)	49 046	44 041	47 611	37 000	42 000	-14.37	13.51
Bentonite	(t)	175 000	220 000	235 481	238 746	240 000	37.14	0.53
Diam. (Gem)	(ct)	99 000	68 585	59 845	60 070	49 500	-50.00	-17.60
Diam. (Ind)	(ct)	198 000	137 172	119 691	120 140	100 500	-49.24	-16.35
Diatomite	(t)	7 197	7 549	10 700	9 600	6 000	-16.63	-37.50
Feldspar	(t)	150 770	196 419	72 000	166 000	190 000	26.02	14.46
Fluorspar	(t)	53 032	66 512	64 000	66 000	65 700	23.89	-0.45
Graphite	(t)	53 839	75 515	76 000	77 000	80 500	49.52	4.55
Gypsum	(t)	1 650 000	1 582 248	1 748 000	1 923 119	1 700 000	3.03	-11.60
Kaolin	(t)	2 200 267	2 410 000	2 455 000	2 527 000	2 670 000	21.35	5.66
Magnesite	(t)	350 000	386 759	383 000	399 000	387 000	10.57	-3.01
Phosphate	(t)	2 122 291	1 920 171	2 022 812	2 109 085	2 118 000	-0.20	0.42

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Potash	(t)	403 080	404 871	403 000	471 000	383 000	-4.98	-18.68
Salt	(t)	6 100 000	7 200 000	8 370 000	8 635 000	6 900 000	13.11	-20.09
Sulfur	(t)	395 609	398 528	435 696	479 666	548 000	38.52	14.25
Talc	(t)	500 000	401 124	389 000	401 204	405 000	-19.00	0.95
Vermiculite	(t)	24 194	19 297	19 190	19 000	20 000	-17.33	5.26
Zircon	(t)	18 700	25 657	26 500	26 800	26 800	43.32	0.00
Steam-Coal	(t)	5 000 000	6 048 105	5 980 000	6 000 000	6 100 000	22.00	1.67
Coking-Coal	(t)	214 000	210 000	180 000	194 000	419 000	95.79	115.98
Nat.Gas (Mio m3)		14 000	14 600	17 200	18 152	12 500	-10.71	-31.14
Oil	(t)	74 500 000	84 200 000	89 200 000	91 800 000	93 900 000	26.04	2.29
Uranium	(t)	354	130	224	352	389	9.89	10.51

#### Remarks:

Sulfur: recovered from all sources

Salt: rock and salinar salt combined;

Chromit: estimated Cr<sub>2</sub>O<sub>3</sub> content: 39 - 42,6%

## Brunei

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Nat.Gas (Mio m3)		11 300	11 800	11 600	12 535	12 434	10.04	-0.81
Oil	(t)	10 300 000	10 300 000	11 436 144	10 110 032	9 103 873	-11.61	-9.95

## Bulgaria

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	36 400	16 940	0	0	0	-100.00	.
Manganese	(t)	12 300	11 358	6 048	8 230	8 195	-33.37	-0.43
Cadmium	(t)	356	319	320	318	376	5.62	18.24
Copper	(t)	79 600	94 500	118 300	118 700	107 195	34.67	-9.69
Lead	(t)	19 000	13 000	13 000	14 700	14 577	-23.28	-0.84
Zinc	(t)	11 000	11 956	8 000	10 000	12 819	16.54	28.19
Gold	(kg)	2 431	3 868	3 818	3 964	4 160	71.12	4.94
Silver	(kg)	45 000	55 000	65 000	55 000	55 000	22.22	0.00
Baryte	(t)	20 000	10 000	0	0	0	-100.00	.
Gypsum	(t)	152 000	150 000	215 800	234 300	21 200	-86.05	-90.95
Kaolin	(t)	200 000	235 062	282 260	280 532	260 372	30.19	-7.19
Salt	(t)	1 358 400	1 366 100	1 438 000	1 444 000	1 509 900	11.15	4.56
Sulfur	(t)	326 000	342 000	375 000	378 000	380 000	16.56	0.53

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Steam-Coal	(t)	15 000	17 000	51 900	18 100	20 200	34.67	11.60
Lignite	(t)	26 400 000	22 205 000	22 749 500	28 156 500	28 847 700	9.27	2.45
Nat.Gas (Mio m3)		333	535	519	295	218	-34.53	-26.10
Oil	(t)	37 000	30 010	25 300	24 000	23 000	-37.84	-4.17

Remarks:

Sulfur from all sources (sulfides and oil)

## Burkina Faso

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	1 008	1 397	1 571	2 350	2 300	128.17	-2.13
Phosphate	(t)	650	650	650	650	650	0.00	0.00

## Burundi

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Tantalum-Col.	(t)	10	17	6	19	33	230.00	73.68
Tungsten	(t)	8	94	238	144	194	2325.00	34.72
Gold	(kg)	3 229	3 905	4 313	2 423	2 168	-32.86	-10.52
Kaolin	(t)	1 000	900	850	0	0	-100.00	.

## Cambodia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	86 600	90 963	59 000	76 651	75 000	-13.39	-2.15

## Cameroon

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	85 900	86 400	88 400	87 000	89 700	4.42	3.10
Gold	(kg)	600	600	600	600	600	0.00	0.00
Oil	(t)	4 500 000	4 200 000	4 400 000	4 200 000	4 170 000	-7.33	-0.71

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen

## Canada

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	17 159 910	17 289 230	20 797 340	20 226 380	20 640 180	20.28	2.05
Cobalt	(t)	5 060	5 090	5 198	5 620	5 605	10.77	-0.27
Molybdenum	(t)	9 519	7 935	7 723	6 681	9 150	-3.88	36.96
Nickel	(t)	186 700	199 900	232 900	254 800	259 588	39.04	1.88
Tantalum-Col.	(t)	3 450	3 704	4 157	4 368	4 432	28.46	1.47
Titanium	(t)	1 155 000	1 155 000	1 320 000	1 350 000	1 123 100	-2.76	-16.81
Tungsten	(t)	0	700	2 561	2 700	2 608	.	-3.41
Aluminium	(t)	2 592 200	2 984 200	3 051 100	3 082 600	3 120 148	20.37	1.22
Antimony	(t)	105	79	269	193	116	10.48	-39.90
Bismuth	(t)	217	193	214	145	71	-67.28	-51.03
Cadmium	(t)	1 880	1 727	2 090	1 388	1 409	-25.05	1.51
Copper	(t)	562 800	595 400	603 295	596 248	606 973	7.85	1.80
Lead	(t)	76 700	79 300	83 096	75 100	98 973	29.04	31.79
Lithium	(t)	650	630	700	707	707	8.77	0.00
Tellurium	(t)	40	28	11	8	19	-52.50	137.50
Zinc	(t)	791 400	666 700	637 956	630 500	716 100	-9.51	13.58
Gold	(kg)	130 727	120 541	104 448	102 377	95 736	-26.77	-6.49
Platinum	(kg)	7 000	6 075	6 120	6 251	6 531	-6.70	4.48
Palladium	(kg)	12 000	13 500	14 000	17 945	16 358	36.32	-8.84
Rhodium	(kg)	374	600	622	404	430	14.97	6.44
Silver	(kg)	1 337 500	1 123 800	995 000	862 400	727 700	-45.59	-15.62
Asbestos	(t)	250 000	260 000	184 000	185 000	180 000	-28.00	-2.70
Baryte	(t)	20 601	23 179	19 597	7 196	12 000	-41.75	66.76
Diam. (Gem)	(ct)	12 618 000	12 300 000	13 277 703	17 007 650	14 802 699	17.31	-12.96
Diatomite	(t)	1 900	1 700	1 500	0	0	-100.00	.
Graphite	(t)	15 000	17 000	15 000	15 000	20 000	33.33	33.33
Gypsum	(t)	9 339 000	8 727 000	9 789 000	7 638 000	5 797 000	-37.93	-24.10
Magnesite	(t)	140 000	120 000	100 000	180 000	180 000	28.57	0.00
Potash	(t)	10 792 000	10 497 000	8 369 000	10 833 000	10 455 000	-3.12	-3.49
Salt	(t)	14 125 000	13 737 000	13 338 000	11 815 000	11 116 000	-21.30	-5.92
Sulfur	(t)	9 084 800	8 972 250	9 082 300	8 967 577	7 971 000	-12.26	-11.11
Talc	(t)	87 000	85 000	85 000	67 000	70 000	-19.54	4.48
Steam-Coal	(t)	3 753 000	4 128 000	3 900 000	4 826 000	5 259 000	40.13	8.97
Coking-Coal	(t)	25 509 000	26 613 000	26 000 000	27 988 000	27 942 000	9.54	-0.16
Lignite	(t)	36 735 000	36 759 000	36 104 000	35 635 000	34 908 000	-4.97	-2.04
Nat.Gas (Mio m3)		184 100	186 500	188 400	179 350	166 900	-9.34	-6.94
Oil	(t)	95 732 109	80 167 000	79 385 237	81 680 211	70 346 169	-26.52	-13.88
Oilsands	(t)	57 588 889	57 415 079	58 782 630	62 538 041	52 367 280	-9.07	-16.26
Uranium	(t)	11 599	11 627	9 862	9 475	9 001	-22.40	-5.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## Cape Verde

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	1 200	1 600	1 600	1 600	1 600	33.33	0.00

## Central African Republic

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	7	10	10	10	10	42.86	0.00
Diam. (Gem)	(ct)	297 500	323 000	331 500	397 555	282 907	-4.91	-28.84
Diam. (Ind)	(ct)	52 500	57 000	58 500	70 156	94 302	79.62	34.42

## Chile

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	4 882 135	4 795 820	5 263 200	5 378 797	5 682 504	16.39	5.65
Manganese	(t)	7 740	11 936	11 150	8 043	1 529	-80.25	-80.99
Molybdenum	(t)	41 883	47 748	43 584	44 912	33 686	-19.57	-25.00
Arsenic	(t)	11 000	10 000	9 800	11 400	10 000	-9.09	-12.28
Copper	(t)	5 412 500	5 320 500	5 360 800	5 557 000	5 330 300	-1.52	-4.08
Lead	(t)	2 286	878	672	1 305	3 985	74.32	205.36
Lithium	(t)	17 977	17 900	20 700	24 111	22 997	27.92	-4.62
Mercury	(t)	50	50	50	50	50	0.00	0.00
Zinc	(t)	27 635	28 841	36 238	36 453	40 519	46.62	11.15
Gold	(kg)	39 986	40 447	42 100	41 527	39 162	-2.06	-5.70
Silver	(kg)	1 360 100	1 399 539	1 607 164	1 936 467	1 405 020	3.30	-27.44
Baryte	(t)	31	91	375	77	0	-100.00	-100.00
Bentonite	(t)	101	0	0	533	0	-100.00	-100.00
Boron	(t)	594 191	460 683	459 645	527 929	590 999	-0.54	11.95
Diatomite	(t)	24 131	16 418	19 104	25 405	25 497	5.66	0.36
Feldspar	(t)	4 838	5 820	5 847	6 704	17 834	268.62	166.02
Gypsum	(t)	630 444	660 753	845 331	773 119	773 794	22.74	0.09
Kaolin	(t)	7 133	15 183	44 642	87 901	63 526	790.59	-27.73
Phosphate	(t)	6 010	5 700	3 874	7 020	10 722	78.40	52.74
Potash	(t)	742 709	733 814	647 449	690 692	753 995	1.52	9.17
Salt	(t)	4 938 928	6 067 583	4 580 471	4 403 743	4 400 000	-10.91	-0.08
Talc	(t)	2 993	4 201	1 961	2 104	961	-67.89	-54.33

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Steam-Coal	(t)	233 000	544 000	674 000	243 000	424 000	81.97	74.49
Nat.Gas (Mio m3)		2 106	2 294	2 199	2 015	1 828	-13.20	-9.28
Oil	(t)	184 810	172 829	151 830	133 193	138 176	-25.23	3.74

## China

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	99 233 536	134 557 660	188 160 000	226 240 000	263 680 000	165.72	16.55
Chromium	(t)	89 700	85 800	85 100	85 100	85 800	-4.35	0.82
Cobalt	(t)	1 253	2 104	1 840	2 000	6 000	378.85	200.00
Manganese	(t)	2 000 000	2 400 000	2 200 000	2 800 000	2 200 000	10.00	-21.43
Molybdenum	(t)	38 500	40 000	43 900	59 800	59 800	55.32	0.00
Nickel	(t)	75 600	72 700	68 900	70 200	71 000	-6.08	1.14
Titanium	(t)	462 000	558 000	715 000	715 000	715 000	54.76	0.00
Tungsten	(t)	59 900	51 200	45 000	41 000	43 500	-27.38	6.10
Vanadium	(t)	10 000	16 000	18 000	19 000	18 500	85.00	-2.63
Aluminium	(t)	6 688 800	7 806 000	9 385 400	12 558 600	13 176 600	96.99	4.92
Antimony	(t)	128 433	151 457	156 200	163 000	183 000	42.49	12.27
Arsenic	(t)	30 000	30 000	30 000	25 000	25 000	-16.67	0.00
Bauxite	(t)	17 518 000	17 408 200	18 981 000	20 446 000	21 600 000	23.30	5.64
Bismuth	(t)	2 000	2 000	1 800	3 500	5 000	150.00	42.86
Cadmium	(t)	4 528	4 074	3 791	4 215	4 300	-5.04	2.02
Copper	(t)	754 200	776 600	889 000	928 000	930 800	23.42	0.30
Gallium	(t)	25	28	30	30	30	20.00	0.00
Germanium	(t)	15	20	22	25	30	100.00	20.00
Lead	(t)	997 200	1 023 000	1 331 000	1 402 000	1 546 300	55.06	10.29
Lithium	(t)	2 700	2 820	2 820	3 010	3 100	14.81	2.99
Mercury	(t)	700	750	760	800	600	-14.29	-25.00
Rare Earths	(t)	95 000	100 000	120 000	120 000	125 000	31.58	4.17
Tin	(t)	118 200	121 600	126 300	147 300	121 150	2.50	-17.75
Zinc	(t)	2 391 200	2 547 800	2 884 200	2 950 000	3 186 000	33.24	8.00
Gold	(kg)	212 350	255 000	247 500	270 490	275 285	29.64	1.77
Silver	(kg)	2 450 000	2 500 000	2 600 000	2 557 000	2 800 000	14.29	9.50
Asbestos	(t)	438 962	332 407	458 000	460 000	380 000	-13.43	-17.39
Baryte	(t)	3 900 000	4 100 000	4 400 000	4 400 000	4 600 000	17.95	4.55
Bentonite	(t)	2 250 000	2 300 000	3 200 000	3 200 000	3 300 000	46.67	3.13
Boron	(t)	135 000	160 000	145 000	145 000	140 000	3.70	-3.45
Diam. (Gem)	(ct)	212 000	212 000	213 000	200 000	241 000	13.68	20.50
Diam. (Ind)	(ct)	848 000	848 000	852 000	800 000	856 000	0.94	7.00
Diatomite	(t)	390 000	400 000	420 000	420 000	440 000	12.82	4.76
Feldspar	(t)	1 800 000	1 900 000	1 950 000	2 300 000	2 400 000	33.33	4.35
Fluorspar	(t)	2 700 000	2 700 000	2 750 000	3 200 000	3 250 000	20.37	1.56
Graphite	(t)	300 000	360 000	450 000	800 000	800 000	166.67	0.00
Gypsum	(t)	29 520 000	32 000 000	35 000 000	35 000 000	35 000 000	18.56	0.00
Kaolin	(t)	2 500 000	2 700 000	2 800 000	2 781 000	3 850 000	54.00	38.44

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Magnesite	(t)	6 500 000	6 600 000	6 700 000	8 000 000	10 000 000	53.85	25.00
Phosphate	(t)	10 740 000	10 860 000	11 700 000	13 626 000	15 222 180	41.73	11.71
Potash	(t)	1 128 000	1 450 000	1 571 900	1 822 600	1 980 000	75.53	8.64
Salt	(t)	37 100 000	37 600 000	54 030 000	59 760 000	59 520 000	60.43	-0.40
Sulfur	(t)	6 630 000	6 400 000	7 800 000	8 460 000	8 610 000	29.86	1.77
Talc	(t)	2 500 000	2 800 000	3 000 000	2 400 000	2 200 000	-12.00	-8.33
Zircon	(t)	140 000	160 000	135 000	140 000	140 000	0.00	0.00
Steam-Coal	(t)	1 730 289 000	1 878 260 000	1 981 235 000	2 087 293 000	2 333 954 000	34.89	11.82
Coking-Coal	(t)	225 697 000	280 648 000	338 972 000	379 135 000	427 437 000	89.39	12.74
Lignite	(t)	50 000 000	48 300 000	10 000 000	10 000 000	9 000 000	-82.00	-10.00
Nat.Gas (Mio m3)		41 500	50 000	43 200	59 600	59 600	43.61	0.00
Oil	(t)	175 000 000	182 000 000	184 000 000	187 000 000	189 000 000	8.00	1.07
Uranium	(t)	884	884	884	840	906	2.49	7.86

#### Remarks:

Hard coal incl. anthracite

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 39%;

## Christmas Island

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Phosphate	(t)	183 000	180 000	220 000	225 190	224 000	22.40	-0.53

## Colombia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	346 975	224 380	289 807	280 769	213 873	-38.36	-23.83
Nickel	(t)	75 100	89 000	94 100	100 500	77 000	2.53	-23.38
Bauxite	(t)	480	460	400	0	0	-100.00	.
Copper	(t)	1 700	1 300	600	700	1 574	-7.41	124.86
Gold	(kg)	37 739	20 716	21 165	15 432	34 321	-9.06	122.40
Platinum	(kg)	1 209	1 082	1 444	1 530	1 500	24.07	-1.96
Silver	(kg)	8 539	7 142	5 900	9 765	9 200	7.74	-5.79
Asbestos	(t)	60 000	60 000	60 000	60 000	60 000	0.00	0.00
Baryte	(t)	2 000	2 000	2 000	2 000	6 000	200.00	200.00
Bentonite	(t)	6 700	6 500	6 300	6 500	6 300	-5.97	-3.08
Feldspar	(t)	100 000	140 000	100 000	100 000	100 000	0.00	0.00
Fluorspar	(t)	840	830	820	800	800	-4.76	0.00
Gypsum	(t)	560 000	560 000	560 000	560 000	560 000	0.00	0.00
Kaolin	(t)	430 000	410 000	200 000	100 000	90 000	-79.07	-10.00
Magnesite	(t)	10 500	10 500	10 500	10 500	10 500	0.00	0.00
Phosphate	(t)	8 300	8 500	8 000	8 000	8 000	-3.61	0.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Salt	(t)	526 064	649 190	637 875	513 647	554 727	5.45	8.00
Sulfur	(t)	97 586	64 660	30 018	24 000	24 000	-75.41	0.00
Talc	(t)	16 600	16 900	15 000	15 000	15 000	-9.64	0.00
Steam-Coal	(t)	57 000 000	59 064 000	65 596 000	71 093 000	77 264 000	35.55	8.68
Coking-Coal	(t)	525 000	514 000	554 000	565 000	1 348 000	156.76	138.58
Nat.Gas (Mio m3)		6 400	6 800	7 300	7 700	9 240	44.38	20.00
Oil	(t)	27 300 000	27 300 000	27 644 000	27 600 000	30 500 000	11.72	10.51

## Congo

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	60	20	10	10	100	66.67	900.00
Oil	(t)	11 200 000	12 700 000	13 500 000	11 500 000	12 900 000	15.18	12.17

## Congo,D.R.

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Cobalt	(t)	20 200	24 500	27 100	25 300	31 000	53.47	22.53
Tantalum-Col.	(t)	37	61	26	132	186	402.70	40.91
Tungsten	(t)	22	180	500	580	340	1445.45	-41.38
Copper	(t)	69 600	97 700	131 400	148 000	229 000	229.02	54.73
Tin	(t)	4 900	4 400	3 800	8 900	11 800	140.82	32.58
Zinc	(t)	8 000	7 600	16 800	18 500	18 500	131.25	0.00
Gold	(kg)	10 500	9 000	11 700	10 200	10 500	0.00	2.94
Silver	(kg)	69 700	53 600	67 600	76 200	34 100	-51.08	-55.25
Diam. (Gem)	(ct)	5 000 000	6 000 000	5 798 048	5 690 500	4 189 400	-16.21	-26.38
Diam. (Ind)	(ct)	20 000 000	24 000 000	23 192 193	22 761 997	16 757 600	-16.21	-26.38
Steam-Coal	(t)	107 000	120 000	124 000	128 000	116 000	8.41	-9.38
Oil	(t)	1 380 000	1 230 000	1 230 000	1 360 000	995 273	-27.88	-26.82

## Costa Rica

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	150	424	1 210	2 065	500	233.33	-75.79
Silver	(kg)	100	0	0	0	0	-100.00	.

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Diatomite	(t)	11 000	10 800	15 000	10 000	9 000	-18.18	-10.00
Salt	(t)	35 000	37 000	37 000	37 000	36 000	2.86	-2.70

## Cote d'Ivoire

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Manganese	(t)	0	0	28 415	40 425	74 060	.	83.20
Gold	(kg)	1 219	1 638	1 600	1 243	2 665	118.62	114.40
Diam. (Gem)	(ct)	240 000	240 000	256 000	240 000	240 000	0.00	0.00
Diam. (Ind)	(ct)	60 000	60 000	64 000	60 000	60 000	0.00	0.00
Nat.Gas	(Mio m3)	1 302	1 302	1 302	1 302	1 500	15.21	15.21
Oil	(t)	1 825 547	2 086 340	3 233 827	2 712 242	3 086 218	69.06	13.79

## Croatia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Bauxite	(t)	1 482	500	600	101	500	-66.26	395.05
Bentonite	(t)	671	1 472	1 200	1 270	1 200	78.84	-5.51
Gypsum	(t)	77 987	207 918	297 894	382 323	288 393	269.80	-24.57
Salt	(t)	29 923	33 856	30 389	32 456	32 500	8.61	0.14
Nat.Gas	(Mio m3)	2 352	2 432	2 864	3 001	2 847	21.05	-5.13
Oil	(t)	802 615	745 589	728 651	631 972	587 831	-26.76	-6.98

## Cuba

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium	(t)	16 570	5 744	1 968	0	0	-100.00	.
Cobalt	(t)	3 979	3 768	4 150	3 977	3 428	-13.85	-13.80
Nickel	(t)	71 900	73 800	73 400	73 900	67 300	-6.40	-8.93
Gold	(kg)	500	0	0	0	0	-100.00	.
Feldspar	(t)	10 500	8 000	5 500	5 600	4 300	-59.05	-23.21
Kaolin	(t)	4 100	3 500	1 700	1 700	0	-100.00	-100.00
Salt	(t)	408 200	351 100	266 000	141 300	157 300	-61.46	11.32

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Nat.Gas (Mio m3)	704	743	1 091	1 218	1 161	64.91	-4.68
Oil (t)	3 253 000	2 935 000	2 900 000	2 905 000	3 003 000	-7.69	3.37

Remarks:

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 39%;

## Cyprus

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Copper (t)		1 334	0	900	3 012	2 986	123.84	-0.86
Bentonite (t)		155 717	172 366	150 620	154 655	155 125	-0.38	0.30
Gypsum (t)		255 000	210 000	264 000	330 000	282 848	10.92	-14.29

## Czech Republic

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Bentonite (t)		201 000	186 000	220 000	335 000	174 000	-13.43	-48.06
Diatomite (t)		33 000	38 000	53 000	19 000	31 000	-6.06	63.16
Feldspar (t)		488 000	472 000	487 000	514 000	488 000	0.00	-5.06
Graphite (t)		5 000	3 000	5 000	3 000	3 000	-40.00	0.00
Gypsum (t)		71 000	25 000	16 000	66 000	35 000	-50.70	-46.97
Kaolin (t)		849 640	854 040	828 960	836 000	843 260	-0.75	0.87
Steam-Coal (t)		5 987 000	6 118 000	5 646 000	4 788 000	4 685 000	-21.75	-2.15
Coking-Coal (t)		7 316 000	7 136 000	7 739 000	7 674 000	7 512 000	2.68	-2.11
Lignite (t)		48 497 000	48 772 000	49 059 000	50 000 000	52 676 000	8.62	5.35
Nat.Gas (Mio m3)		175	356	148	148	167	-4.57	12.84
Oil (t)		299 000	306 000	259 000	240 000	236 000	-21.07	-1.67
Uranium (t)		513	482	422	379	342	-33.33	-9.76

## DPR Korea

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron (t)		1 300 000	1 400 000	1 400 000	1 400 000	1 200 000	-7.69	-14.29
Tungsten (t)		600	600	600	600	600	0.00	0.00
Cadmium (t)		200	200	200	200	200	0.00	0.00
Copper (t)		12 000	12 000	12 000	12 000	12 000	0.00	0.00
Lead (t)		20 000	20 000	25 000	35 000	35 000	75.00	0.00
Rare Earths (t)		320	310	300	0	0	-100.00	.
Zinc (t)		62 000	65 000	85 000	95 000	65 000	4.84	-31.58

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen

Silver	(kg)	50 000	50 000	50 000	50 000	50 000	0.00	0.00
Fluorspar	(t)	20 000	12 500	12 500	12 500	12 500	-37.50	0.00
Graphite	(t)	25 000	32 000	30 000	30 000	30 000	20.00	0.00
Magnesite	(t)	600 000	800 000	1 000 000	1 000 000	1 200 000	100.00	20.00
Phosphate	(t)	95 000	95 000	95 000	95 000	100 000	5.26	5.26
Salt	(t)	500 000	500 000	500 000	500 000	500 000	0.00	0.00
Sulfur	(t)	42 000	42 000	42 000	42 000	44 000	4.76	4.76
Talc	(t)	50 000	50 000	50 000	50 000	50 000	0.00	0.00
Steam-Coal	(t)	24 371 000	26 864 000	27 161 000	28 552 000	28 552 000	17.16	0.00
Lignite	(t)	7 340 000	7 746 000	7 946 000	6 478 000	8 956 000	22.02	38.25

## Denmark

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	610 000	610 000	620 000	600 000	600 000	-1.64	0.00
Nat.Gas (Mio m3)		8 400	9 400	10 878	10 046	9 100	8.33	-9.42
Oil	(t)	19 200 000	18 719 900	17 847 496	18 100 000	14 500 000	-24.48	-19.89

## Dominican Republic

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Nickel	(t)	29 500	28 700	29 700	29 100	18 800	-36.27	-35.40
Gypsum	(t)	435 723	352 242	238 429	200 000	200 000	-54.10	0.00
Salt	(t)	50 000	50 000	50 000	50 000	50 000	0.00	0.00

### Remarks:

Ni content in Ferronickel

## Dubai (UAE)

Minerals production: see United Arab Emirates

## Ecuador

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Copper	(t)	200	0	0	0	0	-100.00	.
Gold	(kg)	5 128	5 337	5 168	3 186	3 240	-36.82	1.69
Silver	(kg)	372	283	159	448	400	7.53	-10.71
Baryte	(t)	3 695	0	0	0	0	-100.00	.
Feldspar	(t)	53 469	38 250	67 843	63 557	70 000	30.92	10.14
Gypsum	(t)	232	1 310	1 478	0	0	-100.00	.
Kaolin	(t)	5 646	25 078	11 504	18 617	13 000	130.25	-30.17
Sulfur	(t)	24 700	24 700	25 000	25 000	25 000	1.21	0.00
Nat.Gas (Mio m3)		240	260	280	275	260	8.33	-5.45
Oil	(t)	26 460 000	26 699 000	27 039 000	26 674 000	26 200 000	-0.98	-1.78

## Egypt

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	760 000	800 000	820 000	720 000	814 773	7.21	13.16
Manganese	(t)	18 580	9 188	6 600	5 200	2 928	-84.24	-43.69
Titanium	(t)	66 000	60 000	66 000	59 400	48 400	-26.67	-18.52
Aluminium	(t)	216 000	243 800	252 300	258 300	259 200	20.00	0.35
Gold	(kg)	0	0	0	0	32	.	.
Asbestos	(t)	330	200	0	0	0	-100.00	.
Baryte	(t)	350	370	500	540	1 080	208.57	100.00
Bentonite	(t)	700	500	800	1 000	1 000	42.86	0.00
Feldspar	(t)	178 250	357 134	360 000	135 290	168 673	-5.37	24.68
Fluorspar	(t)	490	500	500	550	470	-4.08	-14.55
Gypsum	(t)	7 634 000	3 290 000	3 300 000	3 300 000	2 400 000	-68.56	-27.27
Kaolin	(t)	295 430	415 400	400 000	331 671	523 327	77.14	57.78
Phosphate	(t)	948 000	622 000	625 000	584 200	921 881	-2.76	57.80
Salt	(t)	1 532 362	1 200 000	1 500 000	1 500 000	1 000 000	-34.74	-33.33
Sulfur	(t)	78 000	78 000	80 000	80 000	80 000	2.56	0.00
Talc	(t)	54 145	38 780	55 000	40 572	43 990	-18.76	8.42
Vermiculite	(t)	400	6 655	6 600	5 770	7 560	1790.00	31.02
Steam-Coal	(t)	33 000	25 000	25 000	25 000	24 000	-27.27	-4.00
Nat.Gas (Mio m3)		27 000	25 000	43 000	44 000	46 500	72.22	5.68
Oil	(t)	34 900 000	34 800 000	33 000 000	31 400 000	34 600 000	-0.86	10.19

### Remarks:

Salt and Sulfur: all sources;

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## El Salvador

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	21 440	31 000	31 000	32 342	27 482	28.18	-15.03

Remarks:  
Marine salt only

## Equatorial Guinea

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Oil	(t)	17 100 000	18 500 000	17 700 000	18 000 000	17 900 000	4.68	-0.56

## Eritrea

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	33	25	44	87	32	-3.03	-63.22
Gypsum	(t)	1 054	207	386	548	550	-47.82	0.36
Kaolin	(t)	1 000	518	235	17	17	-98.30	0.00
Salt	(t)	30 754	6 300	9 736	7 448	26 071	-15.23	250.04

Remarks:  
Gold: artisanal production

## Estonia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Oil-Shale	(t)	11 328 000	11 310 000	11 977 100	13 992 200	16 117 000	42.28	15.19

## Ethiopia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Tantalum-Col.	(t)	52	68	81	89	93	78.85	4.49
Gold	(kg)	3 490	3 726	3 828	3 300	3 465	-0.72	5.00
Platinum	(kg)	0	0	5	9	9	.	0.00
Silver	(kg)	1 100	904	900	707	1 026	-6.73	45.12

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Diatomite	(t)	720	420	430	430	430	-40.28	0.00
Gypsum	(t)	12 000	34 728	38 201	58 201	60 300	402.50	3.61
Kaolin	(t)	3 200	1 640	913	1 275	1 500	-53.13	17.65
Salt	(t)	75 000	87 354	17 000	20 000	40 004	-46.66	100.02

**Remarks:**

Fiscal year July to June next.

## Fiji

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	4 033	2 793	1 403	29	638	-84.18	2100.00
Silver	(kg)	1 500	1 400	500	0	0	-100.00	.

## Finland

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium	(t)	231 912	228 441	219 485	278 050	306 772	32.28	10.33
Nickel	(t)	3 400	3 400	3 000	3 600	4 000	17.65	11.11
Copper	(t)	15 500	15 000	13 000	13 600	13 300	-14.19	-2.21
Mercury	(t)	24	34	23	45	33	37.50	-26.67
Zinc	(t)	37 200	40 803	35 700	38 900	27 800	-25.27	-28.53
Gold	(kg)	1 360	1 296	1 307	1 620	1 600	17.65	-1.23
Platinum	(kg)	705	800	800	800	800	13.48	0.00
Silver	(kg)	49 400	47 500	50 800	44 900	69 900	41.50	55.68
Feldspar	(t)	57 149	52 383	43 187	48 980	45 250	-20.82	-7.62
Phosphate	(t)	268 000	263 356	274 535	265 920	280 800	4.78	5.60
Sulfur	(t)	674 220	559 150	595 493	645 000	707 300	4.91	9.66
Talc	(t)	528 943	508 169	547 146	535 882	550 000	3.98	2.63

**Remarks:**

Sulfur from all sources;

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 40%

## France

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	446 900	437 900	442 100	427 800	431 600	-3.42	0.89
Bauxite	(t)	170 000	170 000	160 000	160 000	160 000	-5.88	0.00
Cadmium	(t)	120	100	90	50	50	-58.33	0.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Silver	(kg)	700	0	0	0	0	-100.00	.
Baryte	(t)	75 000	82 000	30 000	27 000	20 000	-73.33	-25.93
Diatomite	(t)	75 000	75 000	75 000	75 000	75 000	0.00	0.00
Feldspar	(t)	670 000	650 000	650 000	650 000	650 000	-2.99	0.00
Fluorspar	(t)	105 000	110 000	80 000	50 000	40 000	-61.90	-20.00
Gypsum	(t)	3 500 000	3 500 000	4 800 000	4 800 000	2 339 380	-33.16	-51.26
Kaolin	(t)	350 000	370 000	300 000	307 253	300 000	-14.29	-2.36
Potash	(t)	70 000	68 000	0	0	0	-100.00	.
Salt	(t)	4 500 000	4 900 000	5 200 000	6 139 840	6 000 000	33.33	-2.28
Sulfur	(t)	848 400	749 345	691 234	680 820	654 000	-22.91	-3.94
Talc	(t)	340 000	330 000	350 000	420 000	420 000	23.53	0.00
Steam-Coal	(t)	872 000	780 000	452 000	380 000	277 000	-68.23	-27.11
Nat.Gas (Mio m3)		1 200	1 100	1 200	1 100	925	-22.92	-15.91
Oil	(t)	1 300 000	1 079 000	1 055 000	974 000	1 022 307	-21.36	4.96
Oil-Shale	(t)	12 500	12 200	12 300	10 000	10 000	-20.00	0.00
Uranium	(t)	8	8	0	5	6	-25.00	20.00

**Remarks:**

Bauxit recovered from dumps;  
Steam-coal inc. anthracite;

## French Guiana

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	2 773	1 955	2 000	2 000	2 000	-27.88	0.00

## Gabon

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Manganese	(t)	1 229 585	1 376 493	1 489 486	1 650 000	1 625 000	32.16	-1.52
Gold	(kg)	300	300	300	300	300	0.00	0.00
Nat.Gas (Mio m3)		80	80	113	100	100	25.00	0.00
Oil	(t)	11 800 000	11 700 000	11 700 000	11 500 000	11 500 000	-2.54	0.00

## Georgia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Manganese	(t)	63 300	75 540	97 993	99 000	99 000	56.40	0.00
Copper	(t)	11 800	9 500	9 300	11 000	11 000	-6.78	0.00
Gold	(kg)	1 377	1 620	2 400	3 100	3 100	125.13	0.00
Steam-Coal	(t)	8 000	5 100	9 000	9 000	9 000	12.50	0.00
Oil	(t)	97 600	66 600	63 506	62 000	95 219	-2.44	53.58

## Germany, Federal Republic

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	57 700	37 796	43 680	44 300	47 785	-17.18	7.87
Aluminium	(t)	667 800	647 934	515 539	551 030	605 876	-9.27	9.95
Cadmium	(t)	500	490	490	475	420	-16.00	-11.58
Baryte	(t)	93 624	88 591	85 524	88 265	78 941	-15.68	-10.56
Bentonite	(t)	404 549	352 374	393 998	384 709	414 336	2.42	7.70
Feldspar	(t)	2 219 642	3 309 134	2 982 782	3 311 523	3 300 000	48.67	-0.35
Fluorspar	(t)	33 203	35 364	53 009	54 359	48 519	46.13	-10.74
Graphite	(t)	3 155	2 638	0	0	0	-100.00	.
Gypsum	(t)	1 579 000	1 644 000	1 771 000	1 898 000	2 112 000	33.76	11.28
Kaolin	(t)	3 694 296	3 717 986	3 767 873	3 791 514	3 612 000	-2.23	-4.73
Potash	(t)	3 505 000	3 664 000	3 625 000	3 637 000	3 280 000	-6.42	-9.82
Salt	(t)	18 696 000	18 731 000	19 146 000	15 669 000	15 519 000	-16.99	-0.96
Sulfur	(t)	976 729	1 054 800	1 113 802	1 093 325	1 029 667	5.42	-5.82
Steam-Coal	(t)	12 516 000	12 847 000	10 649 000	10 432 000	8 589 000	-31.38	-17.67
Coking-Coal	(t)	16 635 000	15 171 000	13 113 000	13 753 000	10 554 000	-36.56	-23.26
Lignite	(t)	181 926 110	177 907 000	176 321 117	180 409 000	175 313 000	-3.64	-2.82
Nat.Gas (Mio m3)		20 405	19 762	19 776	18 075	16 547	-18.91	-8.45
Oil	(t)	3 516 318	3 572 462	3 515 401	3 451 374	3 054 000	-13.15	-11.51
Oil-Shale	(t)	282 388	292 385	320 207	323 022	277 820	-1.62	-13.99
Uranium	(t)	91	94	77	48	48	-47.25	0.00

### Remarks:

Hard coal incl. anthracite  
Feldspar: useable content

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Ghana

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Manganese	(t)	558 980	601 856	552 344	410 720	381 543	-31.74	-7.10
Aluminium	(t)	0	13 400	75 800	12 900	9 300	.	-27.91
Bauxite	(t)	585 600	726 600	885 800	748 200	694 000	18.51	-7.24
Gold	(kg)	63 139	66 852	66 205	77 349	79 468	25.86	2.74
Silver	(kg)	3 300	3 600	3 100	3 100	3 100	-6.06	0.00
Diam. (Gem)	(ct)	724 275	852 938	767 524	671 388	478 434	-33.94	-28.74
Diam. (Ind)	(ct)	181 069	213 184	191 881	167 847	117 808	-34.94	-29.81
Salt	(t)	265 000	250 000	250 000	250 000	250 000	-5.66	0.00

## Greece

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium	(t)	753	709	696	672	670	-11.02	-0.30
Nickel	(t)	18 116	23 000	18 224	18 668	16 620	-8.26	-10.97
Aluminium	(t)	166 634	165 300	164 528	167 937	162 339	-2.58	-3.33
Bauxite	(t)	2 396 065	2 495 100	2 284 380	2 093 433	2 064 909	-13.82	-1.36
Lead	(t)	0	3 000	10 400	15 700	15 000	.	-4.46
Zinc	(t)	0	4 000	16 000	21 300	23 000	.	7.98
Silver	(kg)	0	6 000	25 500	38 300	35 000	.	-8.62
Baryte	(t)	25	50	0	0	0	-100.00	.
Bentonite	(t)	1 030 556	1 200 000	1 166 575	1 382 800	1 320 667	28.15	-4.49
Feldspar	(t)	88 274	105 000	92 400	34 554	46 333	-47.51	34.09
Gypsum	(t)	856 606	735 000	886 284	836 967	998 924	16.61	19.35
Kaolin	(t)	53 438	60 000	40 840	45 140	17 399	-67.44	-61.46
Magnesite	(t)	499 474	500 000	469 106	453 877	529 546	6.02	16.67
Perlite	(t)	1 053 388	1 075 129	1 039 150	900 373	861 157	-18.25	-4.36
Salt	(t)	187 522	198 024	169 700	212 000	220 000	17.32	3.77
Sulfur	(t)	169 500	169 500	169 500	159 000	159 000	-6.19	0.00
Talc	(t)	200	500	250	200	200	0.00	0.00
Lignite	(t)	71 237 228	71 200 000	63 362 562	61 888 201	65 309 814	-8.32	5.53
Nat. Gas (Mio m3)		23	30	23	21	14	-39.13	-33.33
Oil	(t)	132 890	172 000	94 391	81 000	67 242	-49.40	-16.99

### Remarks:

Sulfur: recovered from oil and pyrites;

## Greenland

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	1 560	1 828	2 324	1 927	1 393	-10.71	-27.71

## Guatemala

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	1 807	7 211	3 083	13 023	190	-89.49	-98.54
Antimony	(t)	2 686	1 007	0	4 000	0	-100.00	-100.00
Gold	(kg)	0	741	5 036	7 067	7 488	.	5.96
Silver	(kg)	0	7 100	49 700	88 247	99 132	.	12.33
Baryte	(t)	68	181	150	0	0	-100.00	.
Bentonite	(t)	81 688	135 451	20 034	23 382	62 749	-23.18	168.36
Feldspar	(t)	4 473	3 808	17 156	30 234	46 854	947.48	54.97
Gypsum	(t)	106 140	349 589	226 800	495 335	127 387	20.02	-74.28
Kaolin	(t)	2 000	4 107	4 395	2 642	2 803	40.15	6.09
Salt	(t)	60 000	60 000	60 000	60 000	50 000	-16.67	-16.67
Talc	(t)	2 863	1 631	526	500	583	-79.64	16.60
Nat.Gas (Mio m3)		7	9	10	10	10	42.86	0.00
Oil	(t)	1 024 000	933 000	816 000	774 500	810 022	-20.90	4.59

### Remarks:

Salt: seasalt only;

## Guinea

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Bauxite	(t)	18 795 500	19 237 300	18 783 800	18 519 000	18 500 000	-1.57	-0.10
Gold	(kg)	15 593	25 097	16 922	15 688	20 000	28.26	27.49
Diam. (Gem)	(ct)	555 000	412 500	355 500	764 250	2 323 868	318.71	204.07
Diam. (Ind)	(ct)	185 000	137 500	118 500	254 750	774 622	318.71	204.07

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Guyana

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Bauxite	(t)	1 503 400	1 675 842	1 453 000	2 239 000	2 109 000	40.28	-5.81
Gold	(kg)	11 478	8 326	6 406	7 412	8 123	-29.23	9.59
Diam. (Gem)	(ct)	232 000	240 000	272 435	201 709	126 694	-45.39	-37.19
Diam. (Ind)	(ct)	58 000	60 000	68 109	67 236	42 231	-27.19	-37.19

## Honduras

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Cadmium	(t)	29	27	0	0	0	-100.00	.
Lead	(t)	8 900	10 448	11 800	10 200	12 500	40.45	22.55
Zinc	(t)	41 400	42 698	37 600	29 200	28 500	-31.16	-2.40
Gold	(kg)	3 683	4 438	4 055	3 012	1 846	-49.88	-38.71
Silver	(kg)	48 200	53 600	55 000	53 900	58 900	22.20	9.28
Gypsum	(t)	5 725	5 700	5 500	5 000	5 500	-3.93	10.00
Salt	(t)	29 800	26 000	26 000	26 000	25 000	-16.11	-3.85

## Hungary

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Manganese	(t)	13 100	13 700	14 000	13 454	13 386	2.18	-0.51
Aluminium	(t)	34 300	31 000	300	0	0	-100.00	.
Bauxite	(t)	647 000	535 000	507 400	515 100	511 300	-20.97	-0.74
Gallium	(t)	6	5	5	5	5	-16.67	0.00
Bentonite	(t)	9 300	4 900	6 635	54 000	7 464	-19.74	-86.18
Gypsum	(t)	55 000	35 000	30 000	26 000	15 940	-71.02	-38.69
Kaolin	(t)	30	30	40	40	0	-100.00	-100.00
Perlite	(t)	65 000	69 900	71 019	68 000	132 000	103.08	94.12
Talc	(t)	700	0	0	0	0	-100.00	.
Steam-Coal	(t)	260 000	240 000	100 000	0	0	-100.00	.
Lignite	(t)	10 965 000	9 602 000	9 952 000	9 813 000	9 404 000	-14.24	-4.17
Nat.Gas (Mio m3)		3 285	3 159	3 100	2 653	2 610	-20.55	-1.62
Oil	(t)	1 077 000	948 000	880 000	839 000	834 536	-22.51	-0.53

### Remarks:

Kaolin including illitic clay;

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Iceland

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	271 300	272 400	328 424	398 500	760 400	180.28	90.82
Diatomite	(t)	19 332	3 236	0	0	0	-100.00	.
Salt	(t)	4 600	4 600	4 500	4 500	5 000	8.70	11.11

### Remarks:

Aluminium production from imported resources; no indigenous mine production

## India

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	93 402 880	105 747 200	115 786 880	130 678 400	146 431 180	56.77	12.05
Chromium	(t)	1 356 514	1 497 375	1 656 184	1 527 200	1 794 000	32.25	17.47
Manganese	(t)	906 830	724 414	814 320	939 685	994 080	9.62	5.79
Titanium	(t)	347 613	391 513	361 613	401 500	413 600	18.98	3.01
Aluminium	(t)	860 900	942 400	1 105 100	1 221 800	1 307 500	51.88	7.01
Bauxite	(t)	11 284 900	12 385 400	13 940 200	20 298 000	19 737 000	74.90	-2.76
Cadmium	(t)	489	409	457	583	600	22.70	2.92
Copper	(t)	29 500	26 700	27 400	32 900	29 900	1.36	-9.12
Lead	(t)	51 300	60 400	69 200	77 500	86 300	68.23	11.35
Rare Earths	(t)	149	122	0	0	0	-100.00	.
Zinc	(t)	340 000	472 000	503 000	539 000	616 000	81.18	14.29
Gold	(kg)	3 714	3 086	2 424	2 959	2 669	-28.14	-9.80
Silver	(kg)	53 400	31 900	30 900	82 300	93 700	75.47	13.85
Asbestos	(t)	6 392	2 323	415	261	325	-94.92	24.52
Baryte	(t)	1 159 031	1 156 227	1 730 803	999 497	1 100 000	-5.09	10.06
Bentonite	(t)	410 000	590 000	610 000	630 000	710 000	73.17	12.70
Diam. (Gem)	(ct)	16 000	16 000	15 000	15 000	15 000	-6.25	0.00
Diam. (Ind)	(ct)	43 000	42 000	40 000	40 000	40 000	-6.98	0.00
Feldspar	(t)	379 055	426 498	373 414	405 299	373 924	-1.35	-7.74
Fluorspar	(t)	14 008	5 577	2 785	3 583	2 201	-84.29	-38.57
Graphite	(t)	108 150	125 651	124 389	115 511	134 257	24.14	16.23
Gypsum	(t)	3 689 927	3 291 478	2 888 502	2 638 000	2 800 000	-24.12	6.14
Kaolin	(t)	530 000	560 000	560 000	570 000	570 000	7.55	0.00
Magnesite	(t)	383 953	340 674	241 920	237 546	247 421	-35.56	4.16
Phosphate	(t)	349 000	355 000	355 000	358 000	473 310	35.62	32.21
Salt	(t)	14 761 200	19 923 900	18 085 800	18 001 100	16 000 000	8.39	-11.12
Sulfur	(t)	1 040 000	1 213 000	1 602 000	1 906 000	1 170 000	12.50	-38.61
Talc	(t)	955 665	864 060	836 754	1 013 379	1 046 410	9.50	3.26
Vermiculite	(t)	3 377	6 674	11 827	10 801	13 368	295.85	23.77

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



Zircon	(t)	25 432	27 133	22 000	24 000	24 000	-5.63	0.00
Steam-Coal	(t)	357 650 000	380 877 000	404 500 000	426 891 000	461 890 000	29.15	8.20
Coking-Coal	(t)	22 422 000	23 584 000	23 747 000	24 701 000	27 586 000	23.03	11.68
Lignite	(t)	30 411 000	30 228 000	31 285 000	32 845 000	32 242 000	6.02	-1.84
Nat.Gas (Mio m3)		29 200	29 600	29 300	30 200	32 200	10.27	6.62
Oil	(t)	37 800 000	36 000 000	37 000 000	37 300 000	38 000 000	0.53	1.88
Uranium	(t)	271	271	209	318	320	18.08	0.63

**Remarks:**

Chromite: average calculated Cr<sub>2</sub>O<sub>3</sub> content of 46%;  
Salt and Sulfur: all sources;

## Indonesia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	46 100	18 642	50 924	35 356	30 000	-34.92	-15.15
Cobalt	(t)	650	650	650	650	650	0.00	0.00
Nickel	(t)	142 700	150 000	150 000	188 400	180 300	26.35	-4.30
Aluminium	(t)	240 800	252 300	250 300	242 100	242 500	0.71	0.17
Bauxite	(t)	1 330 800	1 370 610	1 501 937	1 251 147	1 152 000	-13.44	-7.92
Copper	(t)	841 600	1 064 200	816 600	788 900	650 000	-22.77	-17.61
Tin	(t)	73 080	78 404	79 100	66 137	53 228	-27.16	-19.52
Gold	(kg)	86 855	142 894	138 992	117 851	64 390	-25.86	-45.36
Silver	(kg)	255 053	326 993	270 153	268 967	226 100	-11.35	-15.94
Bentonite	(t)	10 800	12 882	13 000	12 000	11 000	1.85	-8.33
Feldspar	(t)	24 000	24 000	25 000	25 000	25 000	4.17	0.00
Gypsum	(t)	6 000	9 124	6 000	6 000	6 000	0.00	0.00
Kaolin	(t)	15 000	15 000	15 000	15 000	15 000	0.00	0.00
Phosphate	(t)	200	200	200	200	200	0.00	0.00
Salt	(t)	680 000	680 000	700 000	700 000	700 000	2.94	0.00
Sulfur	(t)	272 000	317 000	273 000	300 000	309 000	13.60	3.00
Steam-Coal	(t)	109 923 000	134 653 000	168 906 000	199 699 000	214 873 000	95.48	7.60
Nat.Gas (Mio m3)		55 105	84 894	82 036	78 810	70 000	27.03	-11.18
Oil	(t)	57 873 500	54 847 878	54 508 776	49 656 774	49 100 000	-15.16	-1.12

**Remarks:**

Fe content of blacksands;  
Sulfur: all sources;

## Iran

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	7 959 000	9 162 000	10 154 015	16 640 000	17 000 000	113.59	2.16
Chromium	(t)	78 764	96 132	105 179	79 877	100 355	27.41	25.64
Manganese	(t)	45 579	48 000	49 000	50 000	41 293	-9.40	-17.41
Molybdenum	(t)	1 800	2 000	2 200	2 500	2 500	38.89	0.00
Aluminium	(t)	203 200	232 000	205 467	203 600	248 000	22.05	21.81
Arsenic	(t)	124	150	170	100	100	-19.35	0.00
Bauxite	(t)	366 000	437 595	500 000	500 000	520 000	42.08	4.00
Copper	(t)	145 668	164 200	216 200	244 200	242 500	66.47	-0.70
Lead	(t)	16 000	20 000	17 840	9 000	8 127	-49.21	-9.70
Zinc	(t)	135 000	167 000	168 000	75 000	86 000	-36.30	14.67
Gold	(kg)	900	275	850	850	850	-5.56	0.00
Silver	(kg)	25 000	25 000	30 000	40 000	40 000	60.00	0.00
Asbestos	(t)	82 018	40 000	40 000	45 000	45 000	-45.13	0.00
Baryte	(t)	203 653	285 000	290 000	280 300	343 750	68.79	22.64
Bentonite	(t)	140 528	135 000	175 484	180 000	356 989	154.03	98.33
Boron	(t)	3 361	1 660	1 385	1 603	1 150	-65.78	-28.26
Diatomite	(t)	9 500	1 450	1 500	1 500	9 600	1.05	540.00
Feldspar	(t)	252 713	286 033	290 000	300 000	300 000	18.71	0.00
Fluorspar	(t)	54 051	64 601	65 000	65 000	65 000	20.26	0.00
Gypsum	(t)	13 800 000	12 400 000	15 403 754	16 000 000	17 691 242	28.20	10.57
Kaolin	(t)	484 501	311 501	610 595	700 000	945 758	95.20	35.11
Magnesite	(t)	91 700	94 850	103 278	110 000	120 000	30.86	9.09
Perlite	(t)	26 495	30 051	30 000	30 000	40 307	52.13	34.36
Phosphate	(t)	68 725	85 250	40 000	40 500	76 143	10.79	88.01
Salt	(t)	2 023 000	2 100 000	2 617 902	2 534 871	2 447 428	20.98	-3.45
Sulfur	(t)	1 400 000	1 440 000	1 440 000	1 456 000	1 570 000	12.14	7.83
Talc	(t)	65 833	70 600	62 743	70 000	50 515	-23.27	-27.84
Steam-Coal	(t)	410 000	400 000	504 000	595 000	568 000	38.54	-4.54
Coking-Coal	(t)	810 000	930 000	1 024 531	1 047 000	992 000	22.47	-5.25
Nat.Gas (Mio m3)		91 800	100 900	108 600	111 900	112 000	22.00	0.09
Oil	(t)	209 700 000	210 100 000	211 300 000	212 100 000	208 100 000	-0.76	-1.89

### Remarks:

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 43%

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Iraq

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Phosphate	(t)	300	300	300	0	0	-100.00	.
Salt	(t)	50 000	25 000	25 000	25 000	25 000	-50.00	0.00
Sulfur	(t)	100 000	100 000	100 000	100 000	100 000	0.00	0.00
Nat.Gas (Mio m3)		1 000	1 450	1 450	1 460	1 480	48.00	1.37
Oil	(t)	100 000 000	90 000 000	98 100 000	105 300 000	119 300 000	19.30	13.30

## Ireland

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Lead	(t)	63 800	72 200	61 800	56 800	50 300	-21.16	-11.44
Zinc	(t)	438 300	445 400	425 800	400 900	398 200	-9.15	-0.67
Silver	(kg)	5 200	10 500	12 900	9 700	8 500	63.46	-12.37
Gypsum	(t)	650 000	700 000	700 000	700 000	600 000	-7.69	-14.29
Nat.Gas (Mio m3)		846	570	535	519	506	-40.19	-2.50

## Israel

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gypsum	(t)	75 930	106 798	110 754	82 974	83 000	9.31	0.03
Phosphate	(t)	900 000	890 000	810 000	840 000	850 000	-5.56	1.19
Potash	(t)	2 251 379	2 341 892	2 200 000	2 150 000	2 169 316	-3.65	0.90
Salt	(t)	398 000	406 109	434 000	400 000	420 809	5.73	5.20
Nat.Gas (Mio m3)		1 192	1 655	2 313	2 758	3 430	187.75	24.37
Oil	(t)	3 310	3 119	3 507	1 172	2 200	-33.53	87.71

## Italy

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Manganese	(t)	714	632	0	0	0	-100.00	.
Aluminium	(t)	195 400	192 900	194 200	179 500	186 400	-4.61	3.84
Lead	(t)	800	800	800	800	800	0.00	0.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Silver	(kg)	100	100	100	100	100	0.00	0.00
Baryte	(t)	9 698	4 722	7 000	7 000	5 000	-48.44	-28.57
Bentonite	(t)	437 659	445 573	469 654	599 735	600 000	37.09	0.04
Feldspar	(t)	3 251 264	3 334 848	4 019 495	4 726 906	5 000 000	53.79	5.78
Fluorspar	(t)	17 915	15 000	15 000	15 000	15 000	-16.27	0.00
Gypsum	(t)	1 616 000	2 356 000	2 860 000	2 900 000	2 900 000	79.46	0.00
Salt	(t)	3 174 000	3 613 000	3 438 000	3 200 000	2 200 000	-30.69	-31.25
Sulfur	(t)	688 000	742 000	767 000	734 000	740 000	7.56	0.82
Talc	(t)	111 887	112 781	146 942	112 080	140 000	25.13	24.91
Steam-Coal	(t)	98 000	95 000	21 000	158 000	120 000	22.45	-24.05
Nat.Gas (Mio m3)		12 500	12 000	10 900	9 860	9 140	-26.88	-7.30
Oil	(t)	5 445 000	6 100 000	5 800 000	5 700 000	5 200 000	-4.50	-8.77

**Remarks:**

Sulfur: all sources;

## Jamaica

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Bauxite	(t)	13 296 500	14 116 400	14 865 354	14 567 738	14 636 100	10.07	0.47
Gold	(kg)	20	0	0	0	0	-100.00	.
Silver	(kg)	9	0	0	0	0	-100.00	.
Gypsum	(t)	283 352	302 066	364 432	227 697	238 274	-15.91	4.65
Salt	(t)	17 500	19 000	20 000	19 000	19 000	8.57	0.00

## Japan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	1 200	1 100	1 000	1 000	900	-25.00	-10.00
Aluminium	(t)	6 400	6 400	6 400	6 000	6 600	3.13	10.00
Arsenic	(t)	40	40	40	40	40	0.00	0.00
Bismuth	(t)	522	463	425	408	480	-8.05	17.65
Cadmium	(t)	2 232	2 297	2 286	1 939	2 126	-4.75	9.64
Copper	(t)	1 000	1 000	300	0	1 000	0.00	.
Gallium	(t)	4	5	6	5	5	25.00	0.00
Lead	(t)	5 512	3 437	777	0	0	-100.00	.
Tellurium	(t)	33	23	24	41	40	21.21	-2.44
Zinc	(t)	47 781	41 452	7 169	0	0	-100.00	.
Gold	(kg)	8 021	8 319	8 904	8 869	6 868	-14.37	-22.56
Silver	(kg)	75 689	54 098	11 463	0	0	-100.00	.

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Bentonite	(t)	455 282	421 629	425 000	425 000	430 000	-5.55	1.18
Feldspar	(t)	889 000	800 000	800 000	750 000	750 000	-15.64	0.00
Kaolin	(t)	11 553	10 500	10 500	11 000	12 000	3.87	9.09
Perlite	(t)	255 000	240 000	240 000	240 000	230 000	-9.80	-4.17
Salt	(t)	1 225 000	1 227 000	1 166 000	1 138 000	1 132 000	-7.59	-0.53
Sulfur	(t)	3 158 000	3 256 000	3 293 000	3 714 000	3 831 000	21.31	3.15
Talc	(t)	423 475	376 602	325 000	275 000	330 000	-22.07	20.00
Vermiculite	(t)	5 900	6 000	6 000	6 000	6 000	1.69	0.00
Nat.Gas (Mio m3)		2 883	3 120	3 302	3 708	3 735	29.55	0.73
Oil	(t)	750 717	825 952	807 514	876 000	985 680	31.30	12.52

#### Remarks:

Salt and Sulfur: all sources.

## Jordan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Feldspar	(t)	13 060	13 800	11 054	9 800	2 950	-77.41	-69.90
Gypsum	(t)	135 331	344 911	333 710	287 789	231 771	71.26	-19.46
Kaolin	(t)	216 566	168 264	112 787	100 584	181 018	-16.41	79.97
Phosphate	(t)	1 980 000	2 040 000	1 857 597	1 776 583	2 004 987	1.26	12.86
Potash	(t)	1 157 360	1 097 487	1 020 000	1 796 569	2 004 634	73.21	11.58
Salt	(t)	28 750	29 500	28 800	17 000	25 530	-11.20	50.18
Nat.Gas (Mio m3)		294	290	251	220	240	-18.37	9.09
Oil	(t)	1 211	1 220	1 436	1 226	2 230	84.15	81.89

## Kazakhstan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	11 369 680	10 903 760	12 467 280	15 492 165	13 966 095	22.84	-9.85
Chromium	(t)	1 414 700	1 539 934	1 447 414	1 585 496	1 560 470	10.30	-1.58
Manganese	(t)	1 113 600	1 070 400	1 209 600	1 191 360	1 192 800	7.11	0.12
Molybdenum	(t)	240	240	250	250	250	4.17	0.00
Nickel	(t)	0	500	1 000	1 200	1 600	.	33.33
Titanium	(t)	12 000	12 500	13 500	15 700	15 700	30.83	0.00
Tungsten	(t)	120	110	50	100	100	-16.67	0.00
Vanadium	(t)	1 000	1 100	1 200	1 000	1 000	0.00	0.00
Arsenic	(t)	1 500	1 500	1 500	0	0	-100.00	.
Bauxite	(t)	4 705 400	4 815 000	4 884 000	4 962 600	5 160 000	9.66	3.98
Bismuth	(t)	150	140	160	140	125	-16.67	-10.71
Cadmium	(t)	2 358	1 624	1 700	1 660	1 732	-26.55	4.34
Copper	(t)	462 000	401 700	446 000	406 091	398 411	-13.76	-1.89

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen

Lead	(t)	33 000	31 000	48 000	40 200	39 000	18.18	-2.99
Zinc	(t)	361 000	364 000	405 000	358 226	365 572	1.27	2.05
Gold	(kg)	15 900	16 000	16 200	22 564	20 825	30.97	-7.71
Silver	(kg)	891 200	910 000	910 000	722 927	645 627	-27.56	-10.69
Asbestos	(t)	346 500	305 500	314 700	292 600	230 100	-33.59	-21.36
Baryte	(t)	310 700	268 700	261 100	280 300	492 200	58.42	75.60
Boron	(t)	30 000	30 000	29 000	30 000	30 000	0.00	0.00
Phosphate	(t)	66 700	52 000	55 000	77 500	154 400	131.48	99.23
Sulfur	(t)	1 980 000	2 030 000	2 100 000	2 150 000	2 124 600	7.30	-1.18
Steam-Coal	(t)	72 047 000	71 807 000	79 463 000	81 131 000	90 567 000	25.71	11.63
Coking-Coal	(t)	11 018 000	10 981 000	12 113 000	10 992 000	13 850 000	25.70	26.00
Lignite	(t)	3 945 000	4 498 500	4 655 000	4 370 100	4 776 700	21.08	9.30
Nat.Gas (Mio m3)		20 600	23 300	24 600	29 561	32 889	59.66	11.26
Oil	(t)	60 600 000	62 600 000	66 100 000	55 264 000	58 646 000	-3.22	6.12
Uranium	(t)	4 362	4 692	5 306	7 832	10 048	130.35	28.29

**Remarks:**

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 43%;  
Manganese: estimated Mn content: 25%;

## Kenya

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	567	616	432	3 023	340	-40.04	-88.75
Diatomite	(t)	330	243	185	201	72	-78.18	-64.18
Fluorspar	(t)	117 986	109 594	132 030	85 115	130 100	10.27	52.85
Gypsum	(t)	8 900	9 100	9 100	9 100	9 100	2.25	0.00
Kaolin	(t)	760	780	780	1 000	1 000	31.58	0.00
Salt	(t)	31 139	26 595	35 024	11 596	26 051	-16.34	124.66
Vermiculite	(t)	80	75	72	70	70	-12.50	0.00

**Remarks:**

Vermiculite: quantity exported

## Korea, Republic of

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	127 000	119 000	125 090	159 941	204 894	61.33	28.11
Titanium	(t)	78 387	81 865	93 591	100 855	117 556	49.97	16.56
Cadmium	(t)	2 362	2 582	3 320	2 846	3 090	30.82	8.57
Lead	(t)	40	57	0	0	0	-100.00	.

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Zinc	(t)	0	80	0	0	0	.	.
Gold	(kg)	229	251	277	162	161	-29.69	-0.62
Silver	(kg)	4 854	2 957	5 100	5 000	5 000	3.01	0.00
Bentonite	(t)	99 173	85 177	61 137	56 429	71 052	-28.36	25.91
Diatomite	(t)	2 441	2 193	3 460	2 360	2 000	-18.07	-15.25
Feldspar	(t)	541 788	508 644	427 328	398 513	344 257	-36.46	-13.61
Graphite	(t)	247	39	68	52	73	-70.45	40.38
Kaolin	(t)	936 537	1 074 936	958 836	1 053 576	1 182 299	26.24	12.22
Talc	(t)	907 806	969 030	741 583	805 611	825 000	-9.12	2.41
Steam-Coal	(t)	3 191 000	2 832 000	2 824 000	2 886 000	2 773 000	-13.10	-3.92

**Remarks:**

Hard coal: anthracite quality

## Kosovo

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	0	0	0	0	13 000	.	.
Lead	(t)	0	0	0	0	1 200	.	.
Zinc	(t)	0	0	0	0	1 800	.	.
Silver	(kg)	0	0	0	0	1 800	.	.
Magnesite	(t)	0	0	0	0	10 000	.	.
Lignite	(t)	0	0	0	0	7 842 000	.	.

**Remarks:**

Production of previous years: see Serbia and Montenegro

## Kuwait

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	10 200	8 100	13 200	14 000	15 000	47.06	7.14
Sulfur	(t)	682 000	836 000	742 000	830 000	830 000	21.70	0.00
Nat.Gas	(Mio m3)	10 900	12 300	12 410	12 060	12 700	16.51	5.31
Oil	(t)	119 375 000	134 225 000	138 976 000	134 280 000	139 576 146	16.92	3.94

## Kyrgystan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Molybdenum	(t)	250	250	250	250	250	0.00	0.00
Tungsten	(t)	100	100	100	100	100	0.00	0.00
Antimony	(t)	1 504	1 600	1 500	1 500	1 500	-0.27	0.00
Mercury	(t)	488	304	250	250	250	-48.77	0.00
Gold	(kg)	20 445	16 751	10 301	10 572	18 132	-11.31	71.51
Steam-Coal	(t)	49 000	49 000	45 000	149 000	182 000	271.43	22.15
Lignite	(t)	397 000	286 000	276 000	358 000	364 000	-8.31	1.68
Nat.Gas (Mio m3)		28	30	20	10	10	-64.29	0.00
Oil	(t)	69 000	74 400	75 000	75 000	75 000	8.70	0.00

## Laos

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Copper	(t)	1 700	30 500	60 800	62 500	89 000	5135.29	42.40
Tin	(t)	400	600	600	700	700	75.00	0.00
Zinc	(t)	1 000	1 500	4 000	3 000	2 200	120.00	-26.67
Gold	(kg)	4 392	6 338	6 068	4 161	4 333	-1.34	4.13
Silver	(kg)	2 740	3 405	6 300	4 500	6 700	144.53	48.89
Gypsum	(t)	201 094	774 000	775 000	775 000	775 000	285.39	0.00
Salt	(t)	15 000	34 139	35 000	35 000	35 000	133.33	0.00
Lignite	(t)	332 907	232 934	233 000	620 000	600 000	80.23	-3.23

## Latvia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gypsum	(t)	266 240	270 000	230 000	230 000	230 000	-13.61	0.00

## Lebanon

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gypsum	(t)	30 000	30 000	30 000	30 000	30 000	0.00	0.00
Salt	(t)	3 500	3 800	3 500	3 500	4 000	14.29	14.29

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## Liberia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	111	27	9	311	300	170.27	-3.54
Diam. (Gem)	(ct)	6 600	6 600	6 600	13 020	28 178	326.94	116.42
Diam. (Ind)	(ct)	4 400	4 400	4 400	8 680	18 785	326.93	116.42

## Libya

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gypsum	(t)	175 000	175 000	175 000	175 000	240 000	37.14	37.14
Salt	(t)	40 000	40 000	40 000	40 000	40 000	0.00	0.00
Sulfur	(t)	50 000	50 000	50 000	150 000	150 000	200.00	0.00
Nat. Gas	(Mio m3)	8 050	11 300	13 195	15 280	15 900	97.52	4.06
Oil	(t)	82 446 941	88 314 772	91 339 965	89 228 000	86 200 000	4.55	-3.39

## Lithuania

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Sulfur	(t)	67 094	74 276	61 135	42 618	73 870	10.10	73.33
Oil	(t)	360 000	216 100	180 900	154 050	127 710	-64.53	-17.10

## Macedonia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Nickel	(t)	4 900	7 800	10 900	15 000	15 000	206.12	0.00
Copper	(t)	0	5 700	8 400	8 400	9 600	.	14.29
Lead	(t)	0	0	9 300	29 200	40 400	.	38.36
Zinc	(t)	0	0	11 300	32 200	40 300	.	25.16
Gold	(kg)	0	400	400	450	450	.	0.00
Silver	(kg)	0	0	10 000	30 000	30 000	.	0.00
Bentonite	(t)	16 373	14 958	20 353	22 509	13 689	-16.39	-39.18
Feldspar	(t)	22 921	27 076	38 124	32 814	28 920	26.17	-11.87
Talc	(t)	4 350	1 955	1 025	1 775	977	-77.54	-44.96
Lignite	(t)	7 245 000	6 881 000	6 639 000	6 509 000	5 046 000	-30.35	-22.48

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Madagascar

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium	(t)	37 919	69 015	64 844	59 907	41 160	8.55	-31.29
Gold	(kg)	40	55	130	210	210	425.00	0.00
Graphite	(t)	7 770	6 400	4 857	5 000	5 000	-35.65	0.00
Salt	(t)	55 000	65 000	75 000	75 000	70 000	27.27	-6.67

### Remarks:

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> conten: 49%;

## Malawi

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Steam-Coal	(t)	40 891	51 870	60 408	58 550	60 000	46.73	2.48

## Malaysia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	663 732	598 251	420 262	505 279	618 617	-6.80	22.43
Manganese	(t)	0	0	3 120	27 120	257 604	.	849.87
Titanium	(t)	33 809	21 007	25 107	32 621	20 230	-40.16	-37.98
Bauxite	(t)	2 040	4 735	91 806	156 800	275 069	****,**	75.43
Rare Earths	(t)	1 683	320	894	682	233	-86.16	-65.84
Tin	(t)	2 745	2 857	2 398	2 263	2 602	-5.21	14.98
Gold	(kg)	4 221	4 249	3 497	2 913	2 490	-41.01	-14.52
Silver	(kg)	364	402	410	300	300	-17.58	0.00
Baryte	(t)	1 500	900	910	0	4 372	191.47	.
Feldspar	(t)	79 220	117 180	142 358	358 584	430 497	443.42	20.05
Kaolin	(t)	326 928	494 511	341 223	587 500	419 157	28.21	-28.65
Zircon	(t)	6 886	4 954	1 690	7 393	984	-85.71	-86.69
Steam-Coal	(t)	389 200	789 400	901 800	1 063 100	1 145 594	194.35	7.76
Nat.Gas (Mio m3)		53 688	54 400	64 000	65 000	57 300	6.73	-11.85
Oil	(t)	41 500 000	40 000 000	33 800 000	34 000 000	34 300 000	-17.35	0.88

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Mali

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	37 915	44 230	51 957	48 850	52 700	39.00	7.88

## Malta

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	6 000	6 000	6 000	6 000	6 000	0.00	0.00

## Mauritania

		2004	2005	2006	2007	2008	Change 2004/2008	Change 2007/2008
Iron	(t)	6 900 000	7 000 000	7 250 000	8 034 000	7 129 200	3.32	-11.26
Copper	(t)	0	0	5 000	28 800	33 100	.	14.93
Gold	(kg)	0	0	322	2 251	6 282	.	179.08
Gypsum	(t)	38 940	43 266	45 222	49 229	44 428	14.09	-9.75
Oil	(t)	0	0	1 523 000	739 507	592 679	.	-19.85

## Mexico

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	6 889 500	7 012 300	6 589 600	7 323 100	6 700 000	-2.75	-8.51
Manganese	(t)	135 893	132 900	124 400	152 400	171 773	26.40	12.71
Molybdenum	(t)	3 731	4 245	2 500	6 500	7 812	109.38	20.18
Antimony	(t)	503	600	800	414	380	-24.45	-8.21
Arsenic	(t)	1 892	1 700	1 600	500	500	-73.57	0.00
Bismuth	(t)	1 014	1 000	1 200	1 200	1 132	11.64	-5.67
Cadmium	(t)	1 594	1 627	1 400	1 605	1 550	-2.76	-3.43
Copper	(t)	352 300	373 300	327 500	335 500	268 600	-23.76	-19.94
Lead	(t)	110 900	121 700	120 500	89 800	101 000	-8.93	12.47
Mercury	(t)	15	6	8	21	58	286.67	176.19
Tin	(t)	24	28	0	0	0	-100.00	.
Zinc	(t)	374 400	427 100	432 300	426 500	442 200	18.11	3.68

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Gold	(kg)	21 818	26 782	35 900	39 300	40 000	83.33	1.78
Silver	(kg)	2 569 500	2 894 200	3 028 400	3 135 400	3 236 300	25.95	3.22
Baryte	(t)	306 668	268 657	199 600	185 900	140 066	-54.33	-24.66
Bentonite	(t)	564 015	425 630	435 273	613 895	374 933	-33.52	-38.93
Diatomite	(t)	59 818	62 132	62 900	82 519	128 536	114.88	55.77
Feldspar	(t)	364 166	373 411	459 200	438 700	445 519	22.34	1.55
Fluorspar	(t)	842 698	875 450	936 400	933 400	1 057 649	25.51	13.31
Graphite	(t)	14 769	12 357	11 800	9 900	7 229	-51.05	-26.98
Gypsum	(t)	4 840 099	5 087 800	5 950 000	5 963 700	6 000 000	23.96	0.61
Kaolin	(t)	16 241	32 600	18 900	86 800	82 000	404.90	-5.53
Perlite	(t)	188 027	91 724	81 719	54 405	43 180	-77.04	-20.63
Phosphate	(t)	120	120	0	12 510	200 000	**** **	1498.72
Salt	(t)	8 565 820	9 507 623	7 987 300	8 032 300	8 808 714	2.84	9.67
Sulfur	(t)	1 824 546	1 719 000	1 698 000	1 648 000	1 559 000	-14.55	-5.40
Talc	(t)	101 896	64 827	40 535	32 410	16 405	-83.90	-49.38
Steam-Coal	(t)	8 147 000	8 963 000	9 573 000	9 013 000	9 589 000	17.70	6.39
Coking-Coal	(t)	1 735 000	1 792 000	1 914 000	2 029 000	1 889 000	8.88	-6.90
Nat.Gas (Mio m3)		42 400	43 900	50 900	55 400	58 300	37.50	5.23
Oil	(t)	190 800 000	187 500 000	183 100 000	173 000 000	177 100 000	-7.18	2.37

#### Remarks:

Phosphates: estimated P<sub>2</sub>O<sub>5</sub> content: 30%;

Sulfur: all sources;

## Moldavia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gypsum	(t)	491 000	562 700	725 900	846 400	817 889	66.58	-3.37

## Mongolia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	21 000	109 000	117 000	172 315	832 440	3864.00	383.09
Molybdenum	(t)	1 141	1 153	1 404	1 978	1 881	64.86	-4.90
Tungsten	(t)	53	53	126	159	97	83.02	-38.99
Copper	(t)	130 000	126 300	129 700	130 200	129 387	-0.47	-0.62
Tellurium	(t)	2	1	0	0	0	-100.00	.
Tin	(t)	11	47	0	28	44	300.00	57.14
Zinc	(t)	0	11 400	54 950	77 350	71 800	.	-7.18
Gold	(kg)	18 500	24 122	21 267	17 473	15 184	-17.92	-13.10
Silver	(kg)	20 400	19 900	20 400	20 500	20 000	-1.96	-2.44

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Fluorspar	(t)	288 500	327 100	347 700	354 900	335 000	16.12	-5.61
Gypsum	(t)	25 000	25 000	26 000	26 000	26 000	4.00	0.00
Salt	(t)	1 550	1 896	1 154	1 143	103	-93.35	-90.99
Steam-Coal	(t)	95 000	105 000	129 000	148 000	470 000	394.74	217.57
Coking-Coal	(t)	0	0	228 000	153 000	634 000	.	314.38
Lignite	(t)	6 865 000	7 517 100	7 945 000	9 090 000	9 012 000	31.27	-0.86
Oil	(t)	29 700	28 680	53 802	121 494	162 000	445.45	33.34

## Montenegro

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	0	0	0	135 200	107 457	.	-20.52
Bauxite	(t)	0	0	0	667 100	671 800	.	0.70
Salt	(t)	0	0	0	20 000	25 200	.	26.00
Lignite	(t)	0	0	0	1 195 515	1 740 076	.	45.55

### Remarks:

Salt: sealsalt only;

## Morocco

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	5 300	4 228	4 585	4 680	4 680	-11.70	0.00
Cobalt	(t)	1 593	1 613	1 405	1 591	2 020	26.80	26.96
Manganese	(t)	4 500	5 635	5 500	20 800	51 143	1036.51	145.88
Nickel	(t)	100	100	100	100	100	0.00	0.00
Arsenic	(t)	6 866	8 939	10 649	9 585	8 985	30.86	-6.26
Copper	(t)	4 400	4 000	4 500	6 300	7 372	67.55	17.02
Lead	(t)	44 200	45 800	41 300	42 200	29 651	-32.92	-29.74
Mercury	(t)	10	10	10	10	10	0.00	0.00
Zinc	(t)	87 000	128 000	95 000	75 000	80 747	-7.19	7.66
Gold	(kg)	1 493	1 500	1 500	1 500	1 500	0.47	0.00
Silver	(kg)	180 600	185 700	202 300	177 700	175 000	-3.10	-1.52
Baryte	(t)	355 800	475 700	612 800	664 700	725 060	103.78	9.08
Bentonite	(t)	85 400	64 350	21 100	137 100	50 125	-41.31	-63.44
Feldspar	(t)	30 270	27 795	34 000	38 000	30 080	-0.63	-20.84
Fluorspar	(t)	112 100	114 740	103 300	78 800	56 724	-49.40	-28.02
Phosphate	(t)	8 507 000	9 195 000	8 129 100	8 291 400	7 940 603	-6.66	-4.23
Salt	(t)	277 600	351 900	319 900	215 800	219 187	-21.04	1.57
Talc	(t)	47 800	33 300	14 300	27 000	26 000	-45.61	-3.70

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Nat.Gas (Mio m3)	40	40	56	61	50	25.00	-18.03
Oil (t)	32 000	32 000	10 221	11 100	9 000	-71.88	-18.92

Remarks:

Hard coal: anthracite quality

## Mozambique

	2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Tantalum-Col. (t)	256	101	34	70	138	-46.09	97.14
Aluminium (t)	547 100	553 700	562 800	559 900	536 000	-2.03	-4.27
Bauxite (t)	12 000	9 518	11 069	9 000	9 000	-25.00	0.00
Gold (kg)	56	63	85	97	298	432.14	207.22
Salt (t)	28 000	35 000	40 000	80 000	90 000	221.43	12.50
Steam-Coal (t)	16 525	3 417	41 000	28 000	25 000	51.29	-10.71

## Myanmar

	2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium (t)	160	180	170	170	170	6.25	0.00
Tungsten (t)	107	168	197	183	180	68.22	-1.64
Copper (t)	31 800	34 500	19 500	15 100	6 900	-78.30	-54.30
Lead (t)	2 000	2 000	2 000	2 000	3 000	50.00	50.00
Tin (t)	492	737	786	811	729	48.17	-10.11
Zinc (t)	400	281	27	34	199	-50.25	485.29
Gold (kg)	100	100	100	100	100	0.00	0.00
Silver (kg)	1 100	2 300	700	700	0	-100.00	-100.00
Baryte (t)	2 229	2 205	4 023	5 918	5 320	138.67	-10.10
Bentonite (t)	800	800	800	800	800	0.00	0.00
Diam. (Ind) (ct)	2	2	0	0	0	-100.00	.
Gypsum (t)	66 038	69 735	72 654	76 401	92 474	40.03	21.04
Salt (t)	35 000	35 000	35 000	35 000	35 000	0.00	0.00
Steam-Coal (t)	839 000	993 000	1 006 000	1 075 000	992 000	18.24	-7.72
Lignite (t)	213 000	367 000	380 000	414 000	328 000	53.99	-20.77
Nat.Gas (Mio m3)	10 200	13 000	13 400	14 700	12 400	21.57	-15.65
Oil (t)	1 044 000	1 100 000	1 000 000	900 000	1 113 584	6.67	23.73

Remarks:

Tungsten: concentrates in sands

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen

## Namibia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Manganese	(t)	0	7 320	18 918	22 850	14 119	.	-38.21
Arsenic	(t)	1 264	29	0	610	574	-54.59	-5.90
Copper	(t)	11 200	10 157	6 300	7 616	8 800	-21.43	15.55
Lead	(t)	14 300	14 320	11 800	10 500	14 000	-2.10	33.33
Zinc	(t)	202 000	232 000	208 000	196 000	209 000	3.47	6.63
Gold	(kg)	2 205	2 703	2 790	2 496	2 126	-3.58	-14.82
Silver	(kg)	27 200	34 100	31 300	7 902	7 700	-71.69	-2.56
Diam. (Gem)	(ct)	1 934 904	1 807 360	2 238 471	2 231 463	2 313 435	19.56	3.67
Diam. (Ind)	(ct)	101 837	95 124	117 814	117 445	121 760	19.56	3.67
Fluorspar	(t)	104 767	114 886	132 249	118 766	118 000	12.63	-0.64
Salt	(t)	750 821	573 248	603 501	805 374	800 000	6.55	-0.67
Sulfur	(t)	1 829	518	0	0	0	-100.00	.
Uranium	(t)	3 582	3 711	3 617	3 395	3 529	-1.48	3.95

## Nauru

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Phosphate	(t)	10 000	6 000	25 000	60 000	60 000	500.00	0.00

## Nepal

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	4 000	2 000	0	2 000	0	-100.00	-100.00
Talc	(t)	3 400	5 832	6 648	9 043	9 040	165.88	-0.03
Steam-Coal	(t)	9 000	9 000	9 000	9 000	12 000	33.33	33.33
Lignite	(t)	10 500	9 289	11 963	16 372	16 300	55.24	-0.44

## Netherlands

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	327 000	333 800	312 300	296 900	320 000	-2.14	7.78
Cadmium	(t)	493	494	524	495	530	7.51	7.07

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Salt	(t)	5 895 648	6 155 651	6 056 000	6 177 000	6 694 000	13.54	8.37
Nat.Gas (Mio m3)		77 544	73 116	70 741	68 765	80 000	3.17	16.34
Oil	(t)	2 216 700	1 642 590	1 404 450	2 247 300	2 100 000	-5.26	-6.55

## New Caledonia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Cobalt	(t)	2 726	1 769	1 900	1 920	1 940	-28.83	1.04
Nickel	(t)	119 200	111 900	103 000	125 211	102 000	-14.43	-18.54

## New Zealand

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	1 348 453	1 277 729	1 242 564	997 831	1 171 732	-13.11	17.43
Aluminium	(t)	350 400	351 400	353 300	351 100	315 500	-9.96	-10.14
Gold	(kg)	10 151	10 583	10 618	10 638	16 274	60.32	52.98
Silver	(kg)	30 048	43 003	27 221	10 568	31 500	4.83	198.07
Bentonite	(t)	10 050	7 590	3 028	6 144	753	-92.51	-87.74
Kaolin	(t)	15 250	15 750	14 864	14 130	12 761	-16.32	-9.69
Perlite	(t)	5 600	7 310	3 552	7 873	6 000	7.14	-23.79
Salt	(t)	94 010	90 000	83 000	102 000	100 000	6.37	-1.96
Steam-Coal	(t)	2 450 000	2 575 000	2 750 000	2 652 000	2 302 000	-6.04	-13.20
Coking-Coal	(t)	2 470 000	2 446 000	2 766 000	1 924 000	2 353 000	-4.74	22.30
Lignite	(t)	239 000	246 445	251 000	260 000	253 000	5.86	-2.69
Nat.Gas (Mio m3)		3 800	3 500	3 600	4 310	3 900	2.63	-9.51
Oil	(t)	913 600	855 000	819 000	1 875 000	3 135 620	243.22	67.23

## Nicaragua

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	4 064	3 674	3 395	3 330	2 960	-27.17	-11.11
Silver	(kg)	2 950	2 936	2 929	3 400	3 700	25.42	8.82
Gypsum	(t)	36 466	36 456	42 191	43 300	40 000	9.69	-7.62
Salt	(t)	52 000	52 000	50 000	50 000	50 000	-3.85	0.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



## Niger

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	1 590	4 962	2 615	3 427	2 314	45.53	-32.48
Gypsum	(t)	34 944	17 417	13 043	4 615	8 661	-75.21	87.67
Salt	(t)	2 000	1 269	1 300	1 300	1 300	-35.00	0.00
Steam-Coal	(t)	200 384	182 060	176 320	171 296	182 912	-8.72	6.78
Uranium	(t)	3 870	3 647	4 049	3 718	3 575	-7.62	-3.85

## Nigeria

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	5 426	5 426	5 643	5 760	5 760	6.16	0.00
Tantalum-Col.	(t)	40	35	40	70	60	50.00	-14.29
Tin	(t)	1 400	1 500	1 400	2 500	1 800	28.57	-28.00
Gold	(kg)	30	30	40	180	200	566.67	11.11
Baryte	(t)	15 000	30 000	30 011	30 000	20 000	33.33	-33.33
Kaolin	(t)	92 875	92 000	96 590	60 000	60 000	-35.40	0.00
Steam-Coal	(t)	3 000	8 000	8 000	8 000	8 000	166.67	0.00
Nat.Gas (Mio m3)		22 388	22 400	28 500	34 100	32 825	46.62	-3.74
Oil	(t)	121 398 909	123 401 795	116 516 873	104 999 999	105 300 000	-13.26	0.29

## Norway

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	573 000	448 000	396 800	403 200	477 440	-16.68	18.41
Nickel	(t)	181	342	362	400	400	120.99	0.00
Titanium	(t)	387 500	310 000	374 000	374 000	402 568	3.89	7.64
Aluminium	(t)	1 321 700	1 391 000	1 383 000	1 362 000	1 368 000	3.50	0.44
Cadmium	(t)	141	153	125	269	178	26.24	-33.83
Feldspar	(t)	100 000	210 000	65 000	65 000	62 000	-38.00	-4.62
Graphite	(t)	6 000	7 000	9 000	2 900	4 100	-31.67	41.38
Sulfur	(t)	123 000	129 000	130 000	113 000	123 000	0.00	8.85
Talc	(t)	28 000	34 000	34 000	34 000	30 000	7.14	-11.76

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Steam-Coal	(t)	2 904 000	1 620 000	2 400 000	3 223 000	3 926 000	35.19	21.81
Nat.Gas (Mio m3)		80 600	88 600	91 500	90 000	99 700	23.70	10.78
Oil	(t)	146 800 000	137 700 000	130 000 000	118 800 000	114 500 000	-22.00	-3.62

Remarks:

Sulfur: all types;

## Oman

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium	(t)	10 640	20 160	28 200	135 188	325 468	2958.91	140.75
Gold	(kg)	211	384	358	248	118	-44.08	-52.42
Silver	(kg)	89	88	220	240	0	-100.00	-100.00
Gypsum	(t)	240 500	266 100	170 000	180 000	190 000	-21.00	5.56
Salt	(t)	12 350	10 906	11 453	11 000	10 000	-19.03	-9.09
Nat.Gas (Mio m3)		18 500	19 800	23 700	24 100	24 000	29.73	-0.41
Oil	(t)	37 600 000	38 900 000	36 700 000	35 100 000	36 000 000	-4.26	2.56

Remarks:

Chromit: estimated Cr<sub>2</sub>O<sub>3</sub> content: 35%

## Pakistan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	25 000	33 000	49 000	48 000	49 900	99.60	3.96
Chromium	(t)	51 800	59 373	79 600	129 400	128 000	147.10	-1.08
Antimony	(t)	0	5	91	119	100	.	-15.97
Bauxite	(t)	4 800	6 500	6 829	19 005	36 000	650.00	89.42
Copper	(t)	14 700	17 700	18 700	18 800	18 700	27.21	-0.53
Asbestos	(t)	380	0	0	0	0	-100.00	.
Baryte	(t)	25 500	25 300	44 183	46 155	50 000	96.08	8.33
Bentonite	(t)	11 700	15 671	20 088	32 708	25 000	113.68	-23.57
Feldspar	(t)	30 373	25 032	22 435	26 120	19 000	-37.44	-27.26
Fluorspar	(t)	1 026	1 050	1 050	0	0	-100.00	.
Gypsum	(t)	467 065	552 496	724 324	575 564	660 000	41.31	14.67
Kaolin	(t)	25 204	37 732	53 071	30 979	40 000	58.70	29.12
Magnesite	(t)	6 074	3 029	2 692	1 075	4 000	-34.15	272.09
Phosphate	(t)	840	490	500	198	540	-35.71	172.73
Salt	(t)	1 280 000	1 662 000	2 199 952	1 817 505	1 860 000	45.31	2.34
Sulfur	(t)	23 873	24 158	24 730	27 710	29 000	21.48	4.66

Abbreviations: see Explanation; Abkürzungen: siehe Erläuterungen

Steam-Coal	(t)	4 587 000	4 871 000	3 643 000	5 032 000	3 425 000	-25.33	-31.94
Nat.Gas (Mio m3)		27 400	30 200	30 500	30 800	33 800	23.36	9.74
Oil	(t)	3 233 133	3 446 605	3 572 500	3 517 443	4 747 000	46.82	34.96
Uranium	(t)	53	53	53	53	53	0.00	0.00

**Remarks:**

Phosphates: estimated P<sub>2</sub>O<sub>5</sub> Content: 18%;  
Sulfur: all sources;

## Panama

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	18 592	19 429	19 080	20 315	20 000	7.57	-1.55

## Papua New Guinea

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Copper	(t)	173 400	193 000	194 400	169 184	159 700	-7.90	-5.61
Gold	(kg)	73 670	68 483	58 349	57 549	67 436	-8.46	17.18
Silver	(kg)	55 600	51 100	51 100	44 612	51 300	-7.73	14.99
Nat.Gas (Mio m3)		89	85	100	141	100	12.36	-29.08
Oil	(t)	2 463 705	2 720 967	2 843 874	2 600 000	1 986 330	-19.38	-23.60

## Paraguay

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gypsum	(t)	4 300	4 100	4 100	4 500	4 500	4.65	0.00
Kaolin	(t)	140 000	137 000	150 000	70 000	66 000	-52.86	-5.71

## Peru

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	2 823 552	3 034 530	3 177 900	3 215 266	3 494 728	23.77	8.69
Molybdenum	(t)	14 246	17 325	17 209	16 787	16 721	17.37	-0.39
Tungsten	(t)	0	0	50	348	350	.	0.57

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Antimony	(t)	532	807	824	829	584	9.77	-29.55
Arsenic	(t)	3 037	3 150	4 399	4 321	5 822	91.70	34.74
Bismuth	(t)	850	807	1 081	1 114	1 061	24.82	-4.76
Cadmium	(t)	532	481	416	347	371	-30.26	6.92
Copper	(t)	1 035 600	1 009 898	1 049 900	1 190 281	1 267 867	22.43	6.52
Lead	(t)	306 200	319 345	313 300	329 154	345 109	12.71	4.85
Tellurium	(t)	29	33	34	35	28	-3.45	-20.00
Tin	(t)	41 600	42 145	38 500	39 019	38 865	-6.57	-0.39
Zinc	(t)	1 209 006	1 201 671	1 203 364	1 444 354	1 602 597	32.55	10.96
Gold	(kg)	173 219	207 822	202 822	170 127	179 870	3.84	5.73
Silver	(kg)	3 050 800	3 193 000	3 470 661	3 493 909	3 685 900	20.82	5.50
Baryte	(t)	9 610	26 985	1 899	27 369	40 745	323.99	48.87
Bentonite	(t)	14 500	19 028	18 500	21 451	31 557	117.63	47.11
Boron	(t)	7 000	8 290	10 000	9 000	8 000	14.29	-11.11
Diatomite	(t)	14 600	14 400	18 000	21 603	12 206	-16.40	-43.50
Feldspar	(t)	7 800	8 876	6 500	15 450	13 063	67.47	-15.45
Gypsum	(t)	432 259	334 595	394 289	334 668	495 717	14.68	48.12
Kaolin	(t)	2 400	2 567	2 720	4 772	13 215	450.63	176.93
Phosphate	(t)	17 110	17 690	17 075	17 000	15 000	-12.33	-11.76
Salt	(t)	248 898	250 000	252 000	250 000	250 000	0.44	0.00
Sulfur	(t)	204 100	204 100	204 100	204 100	204 100	0.00	0.00
Talc	(t)	22 594	24 351	29 118	46 182	35 968	59.19	-22.12
Steam-Coal	(t)	22 000	43 000	107 000	112 000	128 000	481.82	14.29
Nat.Gas (Mio m3)		526	511	524	541	583	10.84	7.76
Oil	(t)	4 200 000	5 200 000	5 100 000	4 021 942	3 994 298	-4.90	-0.69

#### Remarks:

Hard coal: anthracite quality;

Sulfur: all sources;

Talk including Pyrophyllite;

## Philippines

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium	(t)	28 000	24 170	34 060	88 592	138 280	393.86	56.09
Nickel	(t)	17 000	25 902	64 705	91 400	83 900	393.53	-8.21
Arsenic	(t)	830	820	700	700	600	-27.71	-14.29
Copper	(t)	16 000	16 300	17 700	22 862	21 200	32.50	-7.27
Zinc	(t)	0	2 000	3 000	7 400	1 600	.	-78.38
Gold	(kg)	35 464	37 488	36 098	38 792	35 568	0.29	-8.31
Silver	(kg)	9 300	19 146	23 500	27 754	12 700	36.56	-54.24
Bentonite	(t)	3 556	3 526	3 500	1 148	1 427	-59.87	24.30
Feldspar	(t)	32 106	11 853	15 176	14 837	15 838	-50.67	6.75
Guano	(t)	50	140	150	209	254	408.00	21.53

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Kaolin	(t)	2 000	3 388	2 238	2 200	2 391	19.55	8.68
Magnesite	(t)	3 201	2 413	3 630	3 600	3 976	24.21	10.44
Perlite	(t)	7 200	4 409	4 000	4 515	4 593	-36.21	1.73
Phosphate	(t)	2 380	2 178	1 963	1 961	2 271	-4.58	15.81
Salt	(t)	400 000	420 950	430 000	437 689	510 059	27.51	16.53
Steam-Coal	(t)	2 479 000	2 877 000	2 353 000	3 398 000	2 356 000	-4.96	-30.67
Nat.Gas (Mio m3)		2 400	3 285	3 007	3 689	3 883	61.79	5.26
Oil	(t)	660 000	680 000	690 000	815 000	902 000	36.67	10.67

#### Remarks:

Chromite: metallurgical and chemical grade (40 %);  
Salt: seasalt only;

## Poland

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Nickel	(t)	1 900	700	700	600	530	-72.11	-11.67
Aluminium	(t)	58 900	53 600	55 900	57 600	46 700	-20.71	-18.92
Cadmium	(t)	356	408	373	421	603	69.38	43.23
Copper	(t)	530 500	511 500	497 200	408 000	474 000	-10.65	16.18
Lead	(t)	52 700	50 900	50 000	52 000	62 200	18.03	19.62
Zinc	(t)	140 300	135 600	126 600	113 000	143 000	1.92	26.55
Gold	(kg)	600	900	1 300	650	924	54.00	42.15
Platinum	(kg)	20	20	20	10	10	-50.00	0.00
Palladium	(kg)	12	12	10	20	20	66.67	0.00
Silver	(kg)	1 372 700	1 262 400	1 265 100	1 199 000	1 193 000	-13.09	-0.50
Baryte	(t)	27 000	25 000	20 000	0	0	-100.00	.
Bentonite	(t)	2 400	2 200	4 000	1 290	3 000	25.00	132.56
Feldspar	(t)	373 459	426 914	457 600	388 500	206 000	-44.84	-46.98
Gypsum	(t)	1 100 000	1 300 000	1 250 000	1 536 000	1 499 900	36.35	-2.35
Kaolin	(t)	360 000	380 000	290 000	287 000	318 000	-11.67	10.80
Magnesite	(t)	57 900	55 300	63 000	63 000	60 000	3.63	-4.76
Salt	(t)	4 039 241	4 013 160	4 028 951	3 104 000	3 026 000	-25.08	-2.51
Sulfur	(t)	1 292 589	1 277 399	1 311 300	1 348 900	1 303 000	0.81	-3.40
Steam-Coal	(t)	84 705 000	83 833 000	80 650 000	73 770 400	71 679 000	-15.38	-2.84
Coking-Coal	(t)	16 526 000	14 071 000	14 570 000	13 636 400	11 921 000	-27.87	-12.58
Lignite	(t)	61 200 000	61 636 445	60 830 000	57 704 000	59 900 000	-2.12	3.81
Nat.Gas (Mio m3)		5 000	6 100	6 000	5 183	5 720	14.40	10.36
Oil	(t)	800 000	800 000	700 000	700 470	740 140	-7.48	5.66

#### Remarks:

Hard coal incl. anthracite;  
Salt: rocksalt and brine combined;  
Sulfur: all sources;

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Portugal

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	4 200	4 100	0	0	0	-100.00	.
Tungsten	(t)	746	816	780	846	900	20.64	6.38
Copper	(t)	95 743	89 541	78 660	90 247	89 070	-6.97	-1.30
Lead	(t)	0	0	0	0	1 000	.	.
Lithium	(t)	346	311	339	372	375	8.38	0.81
Tin	(t)	220	228	25	41	29	-86.82	-29.27
Zinc	(t)	0	0	7 505	24 380	22 566	.	-7.44
Silver	(kg)	24 400	23 800	20 100	24 000	28 800	18.03	20.00
Baryte	(t)	24	21	24	25	25	4.17	0.00
Diatomite	(t)	120	110	100	0	0	-100.00	.
Feldspar	(t)	98 262	133 344	125 900	162 037	165 000	67.92	1.83
Gypsum	(t)	500 000	500 000	400 000	366 600	360 000	-28.00	-1.80
Kaolin	(t)	180 000	170 000	170 000	170 000	170 000	-5.56	0.00
Salt	(t)	737 104	690 440	663 048	654 636	560 361	-23.98	-14.40
Talc	(t)	6 231	5 362	5 517	12 367	8 447	35.56	-31.70

### Remarks:

Salt: rock-salt and marine salt combined

## Puerto Rico

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Salt	(t)	34 300	36 000	36 500	35 000	35 000	2.04	0.00

## Qatar

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Sulfur	(t)	307 187	450 000	395 000	420 000	570 017	85.56	35.72
Nat.Gas (Mio m3)		39 200	45 800	50 700	59 800	65 623	67.41	9.74
Oil	(t)	37 610 400	38 138 200	39 980 600	42 092 000	43 775 843	16.39	4.00

### Remarks:

Sulfur from oil and gas purification

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Ras Al-Khaimah (UAE)

Minerals production: see United Arab Emirates

## Romania

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	99 776	48 500	46 700	10 922	0	-100.00	-100.00
Manganese	(t)	16 617	18 000	13 673	10 511	8 904	-46.42	-15.29
Aluminium	(t)	222 300	243 600	258 300	286 300	289 700	30.32	1.19
Copper	(t)	20 400	16 300	12 100	2 213	4 325	-78.80	95.44
Lead	(t)	18 300	11 610	6 300	784	0	-100.00	-100.00
Zinc	(t)	23 600	13 784	8 052	849	8	-99.97	-99.06
Gold	(kg)	1 430	500	500	500	500	-65.03	0.00
Silver	(kg)	18 000	18 000	18 000	18 000	18 000	0.00	0.00
Baryte	(t)	73	60	21	6	0	-100.00	-100.00
Bentonite	(t)	18 161	18 190	14 600	14 713	14 604	-19.59	-0.74
Diatomite	(t)	14 192	1 402	1 719	15	50	-99.65	233.33
Feldspar	(t)	60 636	74 927	55 300	44 897	22 995	-62.08	-48.78
Graphite	(t)	395	486	350	0	0	-100.00	.
Kaolin	(t)	22 337	26 772	22 500	6 879	3 060	-86.30	-55.52
Salt	(t)	2 398 607	2 550 000	2 612 749	2 475 324	2 524 795	5.26	2.00
Sulfur	(t)	17 836	16 000	8 437	270	0	-100.00	-100.00
Talc	(t)	9 725	6 760	10 745	1 513	1 943	-80.02	28.42
Steam-Coal	(t)	2 675 737	3 000 000	2 841 024	2 463 430	2 801 000	4.68	13.70
Lignite	(t)	30 410 351	31 122 000	32 600 000	32 965 362	32 300 000	6.21	-2.02
Nat.Gas (Mio m3)		13 000	12 500	12 000	12 220	11 800	-9.23	-3.44
Oil	(t)	5 500 000	5 600 000	5 500 000	4 994 000	4 530 950	-17.62	-9.27
Uranium	(t)	106	106	106	91	91	-14.15	0.00

## Russia (Asia)

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	8 976 000	8 882 500	9 690 000	9 775 000	9 340 650	4.06	-4.44
Cobalt	(t)	3 619	3 798	3 807	2 870	2 003	-44.65	-30.21
Manganese	(t)	4 400	4 400	4 400	4 400	4 400	0.00	0.00
Molybdenum	(t)	2 984	2 880	2 880	3 168	3 360	12.60	6.06
Nickel	(t)	283 500	283 500	288 000	251 800	249 300	-12.06	-0.99
Tungsten	(t)	2 380	2 465	2 465	2 720	2 720	14.29	0.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Aluminium	(t)	359 470	364 710	317 790	395 542	380 000	5.71	-3.93
Antimony	(t)	3 000	3 000	3 000	3 000	3 000	0.00	0.00
Arsenic	(t)	1 500	1 500	1 800	1 500	1 500	0.00	0.00
Bismuth	(t)	20	19	17	50	13	-35.00	-74.00
Cadmium	(t)	650	650	650	810	800	23.08	-1.23
Copper	(t)	441 000	448 000	472 500	483 000	493 500	11.90	2.17
Germanium	(t)	3	3	2	2	2	-33.33	0.00
Lead	(t)	22 272	34 944	32 640	46 080	57 600	158.62	25.00
Mercury	(t)	50	50	50	50	50	0.00	0.00
Tin	(t)	5 300	5 100	5 000	2 600	1 500	-71.70	-42.31
Zinc	(t)	142 296	163 680	156 640	155 760	180 400	26.78	15.82
Gold	(kg)	157 446	151 763	148 186	145 928	171 574	8.97	17.57
Platinum	(kg)	22 400	23 200	22 890	22 641	20 420	-8.84	-9.81
Palladium	(kg)	97 000	97 400	100 142	94 855	84 240	-13.15	-11.19
Rhodium	(kg)	3 300	2 800	3 110	2 799	2 644	-19.88	-5.54
Silver	(kg)	955 800	990 000	990 000	1 080 000	1 170 000	22.41	8.33
Asbestos	(t)	180 000	175 000	170 000	205 000	203 400	13.00	-0.78
Baryte	(t)	54 000	54 000	56 700	57 600	58 500	8.33	1.56
Bentonite	(t)	174 000	170 000	166 000	100 000	92 000	-47.13	-8.00
Diam. (Gem)	(ct)	21 400 000	23 000 000	23 400 000	22 974 720	22 155 090	3.53	-3.57
Diam. (Ind)	(ct)	14 200 000	15 000 000	15 000 000	15 316 480	14 770 060	4.01	-3.57
Feldspar	(t)	48 000	46 800	42 000	96 000	96 000	100.00	0.00
Fluorspar	(t)	153 000	153 000	170 000	162 000	242 100	58.24	49.44
Magnesite	(t)	260 000	260 000	260 000	260 000	260 000	0.00	0.00
Talc	(t)	80 000	45 000	50 000	75 000	80 000	0.00	6.67
Steam-Coal	(t)	128 998 000	153 708 000	156 391 000	179 418 000	181 942 000	41.04	1.41
Coking-Coal	(t)	61 143 000	55 505 000	54 027 000	61 942 000	65 140 000	6.54	5.16
Lignite	(t)	63 270 000	62 267 000	66 733 000	65 070 000	68 439 600	8.17	5.18
Nat.Gas (Mio m3)		60 000	61 000	62 000	65 100	54 150	-9.75	-16.82
Oil	(t)	42 000 000	45 000 000	47 985 882	49 150 000	48 850 000	16.31	-0.61
Uranium	(t)	3 801	4 046	3 847	4 025	4 152	9.23	3.16

## Russia (Europe)

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	43 824 000	43 367 500	47 310 000	47 932 500	45 604 350	4.06	-4.86
Chromium	(t)	144 090	347 400	434 743	349 506	410 850	185.13	17.55
Cobalt	(t)	905	950	952	717	500	-44.75	-30.26
Manganese	(t)	17 600	17 600	17 600	17 600	17 600	0.00	0.00
Molybdenum	(t)	116	120	120	132	140	20.69	6.06
Nickel	(t)	31 500	31 500	32 000	28 000	27 700	-12.06	-1.07
Titanium	(t)	27 000	28 000	30 000	34 200	35 200	30.37	2.92
Tungsten	(t)	420	435	435	480	480	14.29	0.00
Vanadium	(t)	10 900	15 100	18 000	17 500	14 500	33.03	-17.14

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



Aluminium	(t)	3 235 230	3 282 390	2 860 110	3 559 875	3 420 000	5.71	-3.93
Bauxite	(t)	6 017 600	6 409 300	6 399 200	6 503 000	6 000 000	-0.29	-7.73
Copper	(t)	189 000	192 000	202 500	207 000	211 500	11.90	2.17
Lead	(t)	928	1 456	1 360	1 920	2 400	158.62	25.00
Zinc	(t)	19 404	22 320	21 360	21 240	24 600	26.78	15.82
Gold	(kg)	11 851	11 423	11 154	10 983	12 914	8.97	17.58
Platinum	(kg)	5 600	5 800	5 722	5 660	5 082	-9.25	-10.21
Silver	(kg)	106 200	110 000	110 000	120 000	130 000	22.41	8.33
Asbestos	(t)	720 000	700 000	680 000	820 000	813 600	13.00	-0.78
Baryte	(t)	6 000	6 000	6 300	6 400	6 500	8.33	1.56
Bentonite	(t)	696 000	680 000	664 000	400 000	368 000	-47.13	-8.00
Feldspar	(t)	32 000	31 200	28 000	64 000	64 000	100.00	0.00
Fluorspar	(t)	17 000	17 000	21 000	18 000	26 900	58.24	49.44
Graphite	(t)	13 550	14 000	14 000	14 000	14 000	3.32	0.00
Gypsum	(t)	2 076 800	2 200 000	2 200 000	2 400 000	2 400 000	15.56	0.00
Kaolin	(t)	45 000	45 000	45 000	45 000	45 000	0.00	0.00
Magnesite	(t)	2 340 000	2 340 000	2 340 000	2 340 000	2 340 000	0.00	0.00
Perlite	(t)	56 000	55 000	52 000	45 000	45 000	-19.64	0.00
Phosphate	(t)	4 420 000	4 500 000	4 433 000	4 495 000	4 500 000	1.81	0.11
Potash	(t)	5 599 100	6 275 600	5 274 100	6 373 100	5 935 400	6.01	-6.87
Salt	(t)	3 000 000	2 800 000	2 800 000	2 800 000	2 200 000	-26.67	-21.43
Sulfur	(t)	6 867 000	7 245 000	7 282 000	7 356 000	7 372 000	7.35	0.22
Talc	(t)	80 000	45 000	50 000	75 000	80 000	0.00	6.67
Vermiculite	(t)	21 000	25 000	25 000	30 000	25 000	19.05	-16.67
Lignite	(t)	7 030 000	7 366 800	7 415 000	7 230 000	7 604 400	8.17	5.18
Nat.Gas (Mio m3)		540 000	549 000	558 000	585 900	487 350	-9.75	-16.82
Oil	(t)	378 000 000	405 000 000	431 872 938	442 350 000	439 650 000	16.31	-0.61
Oil-Shale	(t)	1 300 000	1 200 000	1 200 000	1 200 000	1 200 000	-7.69	0.00

#### Remarks:

Sulfur: all sources;

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 45%

## Rwanda

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Tantalum-Col.	(t)	117	148	100	242	298	154.70	23.14
Tungsten	(t)	90	318	820	1 534	1 354	1404.44	-11.73
Tin	(t)	300	3 100	3 835	4 566	4 193	1297.67	-8.17

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Saudi Arabia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	268 200	280 000	290 000	219 000	209 160	-22.01	-4.49
Copper	(t)	652	668	700	737	1 465	124.69	98.78
Zinc	(t)	1 000	1 000	1 000	616	3 663	266.30	494.64
Gold	(kg)	8 268	7 456	5 182	4 400	4 527	-45.25	2.89
Silver	(kg)	14 494	13 500	9 600	9 028	8 200	-43.42	-9.17
Baryte	(t)	14 000	13 900	16 000	24 000	30 000	114.29	25.00
Feldspar	(t)	42 000	42 300	42 500	45 000	55 000	30.95	22.22
Gypsum	(t)	2 553 000	2 800 000	2 900 000	2 300 000	2 300 000	-9.91	0.00
Kaolin	(t)	2 135	2 300	2 370	4 000	4 400	106.09	10.00
Salt	(t)	1 430 000	1 400 000	1 390 000	1 840 000	1 600 000	11.89	-13.04
Sulfur	(t)	2 249 295	2 716 835	2 906 911	2 900 000	2 900 000	28.93	0.00
Nat.Gas (Mio m3)		65 680	71 240	73 461	75 000	76 000	15.71	1.33
Oil	(t)	487 860 600	532 600 000	514 600 000	493 100 000	514 000 000	5.36	4.24

### Remarks:

Sulfur: all sources;

## Senegal

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	600	600	600	600	600	0.00	0.00
Phosphate	(t)	150 240	156 000	151 200	144 000	140 000	-6.82	-2.78
Salt	(t)	168 000	134 000	199 000	200 000	240 000	42.86	20.00
Nat.Gas (Mio m3)		13	12	11	10	10	-23.08	0.00
Oil	(t)	28 906	53 519	55 523	42 900	13 400	-53.64	-68.76

## Serbia, Republic of

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Copper	(t)	0	0	0	16 500	17 600	.	6.67
Lead	(t)	0	0	0	1 600	400	.	-75.00
Zinc	(t)	0	0	0	1 200	600	.	-50.00
Gold	(kg)	0	0	0	330	330	.	0.00
Silver	(kg)	0	0	0	2 400	600	.	-75.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Asbestos	(t)	0	0	0	160	0	.	-100.00
Feldspar	(t)	0	0	0	3 000	3 500	.	16.67
Gypsum	(t)	0	0	0	42 000	42 000	.	0.00
Kaolin	(t)	0	0	0	97 432	110 000	.	12.90
Magnesite	(t)	0	0	0	20 000	10 000	.	-50.00
Salt	(t)	0	0	0	30 023	30 115	.	0.31
Sulfur	(t)	0	0	0	51 000	51 000	.	0.00
Lignite	(t)	0	0	0	35 578 000	29 605 000	.	-16.79
Nat.Gas (Mio m3)		0	0	0	274	282	.	2.92
Oil	(t)	0	0	0	650 000	700 000	.	7.69

**Remarks:**

Production figures 2003 – 2006 see Serbia and Montenegro

## Serbia and Montenegro

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	115 100	117 000	121 800	0	0	-100.00	.
Bauxite	(t)	610 000	672 300	659 400	0	0	-100.00	.
Copper	(t)	13 800	11 600	11 100	0	0	-100.00	.
Lead	(t)	900	2 000	7 000	0	0	-100.00	.
Zinc	(t)	1 300	900	2 100	0	0	-100.00	.
Gold	(kg)	328	330	330	0	0	-100.00	.
Platinum	(kg)	5	5	0	0	0	-100.00	.
Palladium	(kg)	20	20	0	0	0	-100.00	.
Silver	(kg)	2 400	2 400	2 400	0	0	-100.00	.
Asbestos	(t)	110	143	157	0	0	-100.00	.
Feldspar	(t)	4 500	3 000	4 000	0	0	-100.00	.
Gypsum	(t)	42 471	42 000	42 000	0	0	-100.00	.
Kaolin	(t)	58 000	50 000	60 000	0	0	-100.00	.
Magnesite	(t)	70 000	60 000	50 000	0	0	-100.00	.
Salt	(t)	32 583	30 000	29 847	0	0	-100.00	.
Sulfur	(t)	51 000	51 000	51 000	0	0	-100.00	.
Steam-Coal	(t)	85 000	80 000	141 000	0	0	-100.00	.
Lignite	(t)	41 000 000	38 700 000	38 907 000	0	0	-100.00	.
Nat.Gas (Mio m3)		318	282	280	0	0	-100.00	.
Oil	(t)	652 000	648 000	654 000	0	0	-100.00	.

**Remarks:**

Salt: rock and marine salt

Production figures 2007, 2008 see Rep. of Serbia, Kosovo or Montenegro

## Seychellen

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Guano	(t)	640	630	610	600	600	-6.25	0.00

## Sharjah (UAE)

Minerals production: see United Arab Emirates

## Sierra Leone

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Titanium	(t)	0	0	71 000	84 010	52 894	.	-37.04
Bauxite	(t)	0	0	1 001 000	1 100 000	945 100	.	-14.08
Gold	(kg)	20	21	82	215	212	960.00	-1.40
Diam. (Gem)	(ct)	573 285	327 667	295 747	356 138	181 932	-68.26	-48.92
Diam. (Ind)	(ct)	118 472	341 042	307 819	247 485	189 358	59.83	-23.49

## Slovakia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	385 000	258 500	240 000	191 800	237 433	-38.33	23.79
Aluminium	(t)	156 900	159 200	157 300	160 500	162 995	3.88	1.55
Copper	(t)	93	65	0	0	0	-100.00	.
Gold	(kg)	107	109	84	92	91	-14.95	-1.09
Silver	(kg)	70	60	0	0	0	-100.00	.
Baryte	(t)	5 600	4 200	4 100	12 500	7 300	30.36	-41.60
Bentonite	(t)	193 291	120 000	100 000	82 200	116 125	-39.92	41.27
Diatomite	(t)	930	910	800	0	0	-100.00	.
Gypsum	(t)	127 100	107 500	120 000	139 300	145 900	14.79	4.74
Kaolin	(t)	55 385	27 730	25 000	19 200	40 300	-27.24	109.90
Magnesite	(t)	965 900	1 555 000	1 600 000	1 503 600	1 438 500	48.93	-4.33
Perlite	(t)	16 000	8 500	10 560	13 000	15 500	-3.13	19.23
Salt	(t)	104 300	105 100	106 000	116 660	99 310	-4.78	-14.87
Talc	(t)	7 100	200	300	200	200	-97.18	0.00
Lignite	(t)	3 101 790	2 513 000	2 201 000	1 856 000	2 242 820	-27.69	20.84
Nat. Gas	(Mio m3)	178	151	150	551	111	-37.64	-79.85
Oil	(t)	42 082	33 150	32 000	24 530	20 800	-50.57	-15.21

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Slovenia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	120 700	138 000	139 600	160 461	83 300	-30.99	-48.09
Bentonite	(t)	100	140	130	130	160	60.00	23.08
Salt	(t)	5 000	4 200	1 624	3 029	535	-89.30	-82.34
Lignite	(t)	4 800 000	4 539 556	4 520 754	4 521 183	4 497 270	-6.31	-0.53
Nat.Gas (Mio m3)		217	44	4	3	3	-98.62	0.00
Oil	(t)	490	303	284	344	174	-64.49	-49.42

### Remarks:

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

## Solomon Islands

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	60	61	20	93	141	135.00	51.61

## Somalia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gypsum	(t)	1 000	1 500	1 600	1 500	1 500	50.00	0.00
Salt	(t)	1 000	1 000	1 100	0	0	-100.00	.

### Remarks:

Salt mine Hurdyie destroyed by Tsunami event;

## South Africa, Republic of

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	26 000 000	25 702 347	26 891 150	27 353 950	31 838 650	22.46	16.40
Chromium	(t)	3 216 213	3 187 409	3 020 723	3 836 945	4 077 853	26.79	6.28
Cobalt	(t)	329	268	267	293	244	-25.84	-16.72
Manganese	(t)	1 876 495	2 023 687	2 288 511	2 632 164	2 991 002	59.39	13.63
Nickel	(t)	39 900	42 392	41 756	37 889	31 700	-20.55	-16.33
Titanium	(t)	1 130 000	1 100 000	1 000 000	1 208 000	1 269 400	12.34	5.08
Vanadium	(t)	23 303	22 604	23 780	23 486	20 295	-12.91	-13.59

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Aluminium	(t)	863 600	846 213	895 000	899 000	811 000	-6.09	-9.79
Antimony	(t)	4 967	5 979	4 362	3 354	3 500	-29.53	4.35
Copper	(t)	120 577	103 907	109 000	117 000	108 000	-10.43	-7.69
Lead	(t)	37 500	42 159	48 300	41 900	46 400	23.73	10.74
Zinc	(t)	32 001	32 112	34 400	31 100	29 400	-8.13	-5.47
Gold	(kg)	337 223	294 803	272 128	252 600	212 744	-36.91	-15.78
Platinum	(kg)	153 239	163 711	164 675	156 559	140 883	-8.06	-10.01
Palladium	(kg)	76 403	82 961	86 303	86 147	75 573	-1.09	-12.27
Rhodium	(kg)	16 294	20 224	20 713	21 646	17 851	9.56	-17.53
Silver	(kg)	73 124	87 874	86 926	70 089	75 200	2.84	7.29
Bentonite	(t)	55 859	139 833	32 878	45 778	44 067	-21.11	-3.74
Diam. (Gem)	(ct)	4 240 000	6 310 235	6 240 000	6 099 600	5 160 407	21.71	-15.40
Diam. (Ind)	(ct)	6 360 000	9 465 354	9 130 000	9 149 400	7 740 611	21.71	-15.40
Diatomite	(t)	160	150	130	100	0	-100.00	-100.00
Feldspar	(t)	50 000	57 534	76 722	90 312	105 815	111.63	17.17
Fluorspar	(t)	235 000	230 000	246 000	282 000	295 000	25.53	4.61
Gypsum	(t)	452 271	547 581	554 000	643 630	571 343	26.33	-11.23
Kaolin	(t)	81 901	59 356	51 602	51 218	39 506	-51.76	-22.87
Magnesite	(t)	65 900	54 800	55 000	55 000	55 000	-16.54	0.00
Perlite	(t)	540	530	400	400	400	-25.93	0.00
Phosphate	(t)	998 275	940 605	959 585	932 839	800 378	-19.82	-14.20
Salt	(t)	450 000	399 087	434 000	405 000	415 996	-7.56	2.72
Sulfur	(t)	640 000	755 813	650 000	640 000	630 000	-1.56	-1.56
Talc	(t)	37 087	68 787	85 886	90 000	85 849	131.48	-4.61
Vermiculite	(t)	196 900	209 801	197 800	200 000	199 764	1.45	-0.12
Zircon	(t)	302 000	314 000	414 400	388 800	404 000	33.77	3.91
Steam-Coal	(t)	241 574 000	243 346 000	243 121 000	241 917 000	234 219 000	-3.04	-3.18
Coking-Coal	(t)	1 247 000	1 640 000	1 663 000	1 655 000	1 531 000	22.77	-7.49
Uranium	(t)	887	795	639	635	771	-13.08	21.42

#### Remarks:

Hard coal incl. anthracite;

Chromit: estimated Cr<sub>2</sub>O<sub>3</sub> content: 44%;

## Spain

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	10 879	0	0	0	0	-100.00	.
Nickel	(t)	0	5 380	6 398	6 630	8 136	.	22.71
Tungsten	(t)	0	0	0	0	245	.	.
Aluminium	(t)	397 500	394 200	367 400	405 100	405 000	1.89	-0.02
Copper	(t)	1 400	7 900	8 700	6 281	7 071	405.07	12.58
Lithium	(t)	30	20	42	45	0	-100.00	-100.00
Tin	(t)	5	4	0	0	0	-100.00	.

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Gold	(kg)	5 248	2 145	1 565	0	0	-100.00	.
Silver	(kg)	3 583	5 200	2 369	0	0	-100.00	.
Baryte	(t)	40 776	44 643	45 000	20 000	26 000	-36.24	30.00
Bentonite	(t)	156 760	162 500	154 746	156 875	153 000	-2.40	-2.47
Diatomite	(t)	33 799	44 335	52 123	45 000	46 192	36.67	2.65
Feldspar	(t)	528 259	650 061	696 912	682 884	619 000	17.18	-9.36
Fluorspar	(t)	146 694	144 126	144 845	137 310	148 750	1.40	8.33
Gypsum	(t)	12 533 972	12 600 000	14 596 559	14 000 000	15 000 000	19.67	7.14
Kaolin	(t)	437 990	456 000	476 327	475 000	430 000	-1.82	-9.47
Magnesite	(t)	503 261	564 570	520 646	463 850	443 000	-11.97	-4.49
Potash	(t)	553 210	550 000	493 189	530 700	473 000	-14.50	-10.87
Salt	(t)	3 972 842	3 900 000	4 431 215	4 360 000	3 910 000	-1.58	-10.32
Sulfur	(t)	633 000	691 000	697 000	693 000	569 000	-10.11	-17.89
Talc	(t)	107 829	110 015	83 502	85 000	60 000	-44.36	-29.41
Steam-Coal	(t)	8 912 667	8 553 427	8 353 000	7 871 000	7 304 000	-18.05	-7.20
Lignite	(t)	11 572 909	10 941 127	10 044 000	9 307 000	2 896 000	-74.98	-68.88
Nat.Gas (Mio m3)		370	174	118	42	24	-93.51	-42.86
Oil	(t)	262 707	161 326	155 954	143 436	127 000	-51.66	-11.46

#### Remarks:

Lithium: Lepidolith-ore (ca 0,5% LiO<sub>2</sub>);  
Hardcoal incl. anthracite; lignite incl. subbit. coal;

## Sri Lanka

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Titanium	(t)	34 000	36 303	37 000	38 900	33 126	-2.57	-14.84
Rare Earths	(t)	73	70	68	50	50	-31.51	0.00
Feldspar	(t)	38 600	45 492	56 864	46 583	40 000	3.63	-14.13
Graphite	(t)	5 374	5 133	5 756	9 593	10 000	86.08	4.24
Kaolin	(t)	8 700	9 914	10 914	11 178	11 000	26.44	-1.59
Phosphate	(t)	38 000	41 811	44 000	40 128	40 000	5.26	-0.32
Salt	(t)	78 135	67 029	87 560	70 209	70 000	-10.41	-0.30
Zircon	(t)	12 826	23 587	8 321	381	1 447	-88.72	279.79

## Sudan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium	(t)	12 480	10 394	13 811	7 428	15 307	22.65	106.07
Gold	(kg)	5 000	4 739	3 158	2 703	2 276	-54.48	-15.80
Silver	(kg)	2 900	2 900	2 437	2 405	2 400	-17.24	-0.21
Gypsum	(t)	13 200	11 000	7 000	7 974	8 000	-39.39	0.33
Salt	(t)	60 000	84 000	11 638	22 922	23 000	-61.67	0.34
Oil	(t)	14 900 000	15 000 000	19 600 000	22 500 000	23 700 000	59.06	5.33

### Remarks:

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 48%;

## Suriname

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Bauxite	(t)	4 087 108	4 756 998	4 945 400	5 273 195	5 333 000	30.48	1.13
Gold	(kg)	8 513	10 619	9 362	8 585	10 290	20.87	19.86
Oil	(t)	585 714	628 571	671 429	685 920	771 660	31.75	12.50

## Swaziland

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Diam. (Gem)	(ct)	9 600	9 560	9 000	9 000	9 000	-6.25	0.00
Diam. (Ind)	(ct)	38 400	38 240	36 000	36 000	36 000	-6.25	0.00
Steam-Coal	(t)	400 000	221 701	310 570	311 000	250 000	-37.50	-19.61

### Remarks:

Hard coal incl. anthracite

## Sweden

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	14 700 000	14 720 000	14 800 000	15 816 960	15 116 800	2.84	-4.43
Aluminium	(t)	100 600	102 107	101 700	99 800	81 900	-18.59	-17.94

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



Copper	(t)	82 400	87 068	86 746	62 905	57 700	-29.98	-8.27
Lead	(t)	54 347	60 445	55 644	63 224	63 500	16.84	0.44
Zinc	(t)	197 000	215 700	210 029	214 576	172 200	-12.59	-19.75
Gold	(kg)	6 564	6 564	6 848	5 159	5 341	-18.63	3.53
Silver	(kg)	319 600	309 933	292 255	323 171	293 100	-8.29	-9.30
Feldspar	(t)	38 204	30 000	24 000	24 620	22 000	-42.41	-10.64
Talc	(t)	8 000	7 000	6 000	7 000	4 000	-50.00	-42.86

## Switzerland

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	44 538	44 800	12 000	0	0	-100.00	.
Gypsum	(t)	300 000	300 000	300 000	300 000	300 000	0.00	0.00
Salt	(t)	486 000	539 000	525 000	341 000	300 000	-38.27	-12.02

## Syria

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gypsum	(t)	400 000	467 000	443 000	447 900	572 888	43.22	27.91
Phosphate	(t)	850 000	1 050 000	1 099 200	1 103 400	966 414	13.70	-12.41
Salt	(t)	110 000	110 000	133 000	81 000	88 600	-19.45	9.38
Nat.Gas (Mio m3)		6 800	6 300	8 272	7 825	7 574	11.38	-3.21
Oil	(t)	28 300 000	23 500 000	19 427 500	18 600 000	19 638 979	-30.60	5.59

## Taiwan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Kaolin	(t)	35 001	9 423	4 107	5 060	33 745	-3.59	566.90
Salt	(t)	159 091	114 389	107 713	107 720	118 046	-25.80	9.59
Sulfur	(t)	222 670	267 790	245 789	249 156	211 869	-4.85	-14.97
Talc	(t)	410	0	0	0	0	-100.00	.
Nat.Gas (Mio m3)		796	548	463	417	357	-55.15	-14.39

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

## Tajikistan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Aluminium	(t)	258 100	379 600	413 800	419 100	399 500	54.78	-4.68
Antimony	(t)	4 069	4 073	3 480	3 480	3 500	-13.98	0.57
Bismuth	(t)	2	3	4	0	0	-100.00	.
Lead	(t)	0	400	0	0	0	.	.
Mercury	(t)	28	30	30	30	30	7.14	0.00
Gold	(kg)	2 161	1 927	1 920	1 920	2 000	-7.45	4.17
Silver	(kg)	1 200	1 200	1 200	1 200	1 200	0.00	0.00
Gypsum	(t)	48 000	47 000	35 000	30 000	25 000	-47.92	-16.67
Steam-Coal	(t)	53 000	76 000	87 000	84 000	84 000	58.49	0.00
Lignite	(t)	15 000	15 000	15 000	12 000	12 000	-20.00	0.00
Nat.Gas (Mio m3)		30	29	18	15	14	-53.33	-6.67
Oil	(t)	18 900	21 700	23 700	24 400	14 000	-25.93	-42.62

## Tanzania

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Copper	(t)	4 200	3 700	3 300	3 200	2 500	-40.48	-21.88
Gold	(kg)	48 176	47 270	39 750	40 193	36 636	-23.95	-8.85
Silver	(kg)	13 200	12 500	14 900	12 400	12 000	-9.09	-3.23
Diam. (Gem)	(ct)	340 000	255 000	236 000	245 175	200 306	-41.09	-18.30
Diam. (Ind)	(ct)	60 000	45 000	42 464	44 114	35 348	-41.09	-19.87
Graphite	(t)	150	140	0	0	0	-100.00	.
Kaolin	(t)	1 996	2 087	1 815	1 815	1 800	-9.82	-0.83
Phosphate	(t)	2 000	2 100	860	2 500	2 500	25.00	0.00
Salt	(t)	57 062	51 166	34 798	35 224	25 896	-54.62	-26.48
Steam-Coal	(t)	65 000	75 000	80 000	68 000	68 000	4.62	0.00

## Thailand

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	68 000	143 186	132 000	892 000	1 060 045	1458.89	18.84
Manganese	(t)	2 184	42 480	480	4 560	53 280	2339.56	1068.42
Tungsten	(t)	337	622	546	823	582	72.70	-29.28

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Antimony	(t)	61	415	1 639	0	0	-100.00	.
Tin	(t)	724	188	225	149	200	-72.38	34.23
Zinc	(t)	40 000	40 762	42 000	42 000	35 000	-12.50	-16.67
Gold	(kg)	4 507	4 393	3 470	3 401	2 721	-39.63	-19.99
Silver	(kg)	10 702	14 013	11 400	7 500	5 200	-51.41	-30.67
Baryte	(t)	211 278	3 989	4 549	8 631	9 180	-95.66	6.36
Bentonite	(t)	1 350	32 500	1 200	650	210	-84.44	-67.69
Diatomite	(t)	1 372	990	1 344	1 260	4 075	197.01	223.41
Feldspar	(t)	980 171	1 133 949	1 055 615	684 668	670 618	-31.58	-2.05
Fluorspar	(t)	2 375	2 950	3 240	1 820	29 529	1143.33	1522.47
Gypsum	(t)	8 150 865	7 650 854	8 915 240	9 336 268	8 989 082	10.28	-3.72
Kaolin	(t)	200 671	165 884	157 900	159 186	162 215	-19.16	1.90
Phosphate	(t)	2 580	3 020	2 500	3 550	3 675	42.44	3.52
Salt	(t)	1 131 200	1 074 214	1 108 251	1 234 931	1 311 581	15.95	6.21
Talc	(t)	121 283	187 954	136 216	418 928	154 000	26.98	-63.24
Zircon	(t)	0	0	0	1 023	0	.	-100.00
Lignite	(t)	20 000 000	20 878 176	19 055 000	17 869 000	17 568 000	-12.16	-1.68
Nat.Gas (Mio m3)		22 366	23 665	24 353	25 900	26 000	16.25	0.39
Oil	(t)	8 029 224	9 688 728	11 800 000	12 700 000	13 400 000	66.89	5.51

## Togo

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gold	(kg)	0	6 179	7 184	10 159	10 000	.	-1.57
Diam. (Ind)	(ct)	123 106	11 773	25 368	13 452	8 787	-92.86	-34.68
Phosphate	(t)	334 560	314 368	346 950	250 000	252 750	-24.45	1.10

## Trinidad and Tobago

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Nat.Gas (Mio m3)		27 300	30 300	36 400	39 000	39 300	43.96	0.77
Oil	(t)	7 300 000	8 300 000	8 300 000	7 300 000	6 900 000	-5.48	-5.48

## Tunisia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	128 000	135 000	129 600	97 200	58 482	-54.31	-39.83
Lead	(t)	5 500	8 700	0	0	0	-100.00	.
Zinc	(t)	31 000	19 000	3 000	3 000	2 000	-93.55	-33.33

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Silver	(kg)	2 000	4 000	0	0	0	-100.00	.
Baryte	(t)	1 813	0	0	0	0	-100.00	.
Fluorspar	(t)	930	950	0	0	0	-100.00	.
Gypsum	(t)	130 000	140 000	200 000	180 000	370 000	184.62	105.56
Phosphate	(t)	2 400 000	2 400 000	2 116 800	2 230 000	2 331 000	-2.88	4.53
Salt	(t)	1 117 000	1 132 000	1 120 000	930 000	1 063 500	-4.79	14.35
Nat.Gas (Mio m3)		2 827	2 873	2 394	2 285	2 250	-20.41	-1.53
Oil	(t)	3 400 000	3 459 000	3 261 300	4 545 800	4 694 265	38.07	3.27

## Turkey

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	2 265 716	2 529 027	2 081 816	1 946 400	2 673 374	17.99	37.35
Chromium	(t)	212 697	360 666	445 158	705 151	791 999	272.36	12.32
Manganese	(t)	4 813	1 663	12 250	12 000	12 000	149.32	0.00
Nickel	(t)	0	700	1 900	6 000	8 100	.	35.00
Aluminium	(t)	62 400	59 000	60 000	63 400	60 400	-3.21	-4.73
Antimony	(t)	357	1 163	1 037	1 200	1 300	264.15	8.33
Bauxite	(t)	365 836	356 480	771 227	863 404	900 000	146.01	4.24
Copper	(t)	49 300	54 100	46 400	81 000	83 300	68.97	2.84
Lead	(t)	18 700	19 000	14 000	14 000	21 000	12.30	50.00
Zinc	(t)	39 000	56 000	59 000	71 000	73 000	87.18	2.82
Gold	(kg)	3 260	4 170	8 040	9 920	11 120	241.10	12.10
Silver	(kg)	122 000	137 600	167 300	198 000	180 000	47.54	-9.09
Baryte	(t)	113 775	157 179	161 993	150 000	150 000	31.84	0.00
Bentonite	(t)	643 153	582 735	600 000	748 170	683 253	6.23	-8.68
Boron	(t)	473 198	571 838	650 297	657 600	660 000	39.48	0.36
Feldspar	(t)	1 983 336	2 331 971	3 400 000	3 800 000	3 800 000	91.60	0.00
Fluorspar	(t)	880	800	800	900	800	-9.09	-11.11
Graphite	(t)	900	850	1 200	1 200	1 500	66.67	25.00
Gypsum	(t)	250 099	250 000	250 000	250 000	250 000	-0.04	0.00
Kaolin	(t)	536 008	615 271	600 000	456 238	232 746	-56.58	-48.99
Magnesite	(t)	3 732 952	2 372 206	2 088 033	2 100 000	2 143 047	-42.59	2.05
Perlite	(t)	133 829	156 935	145 000	160 000	160 000	19.56	0.00
Salt	(t)	2 157 718	1 726 233	1 700 000	1 700 000	1 867 981	-13.43	9.88
Sulfur	(t)	88 000	131 000	132 000	134 000	152 000	72.73	13.43
Talc	(t)	5 000	5 300	7 000	5 000	5 000	0.00	0.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Steam-Coal	(t)	1 282 000	1 522 000	1 688 000	1 778 000	1 016 000	-20.75	-42.86
Coking-Coal	(t)	664 000	648 000	631 000	684 000	1 615 000	143.22	136.11
Lignite	(t)	43 754 159	56 170 000	61 936 000	70 004 000	73 124 000	67.12	4.46
Nat.Gas (Mio m3)		344	484	307	839	894	159.88	6.56
Oil	(t)	2 275 529	2 280 764	2 175 353	1 783 199	2 200 000	-3.32	23.37

#### Remarks:

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 42%;  
Sulfur: pyrite and recovered S;

## Turkmenistan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Bentonite	(t)	1 500	1 400	2 000	2 000	2 000	33.33	0.00
Gypsum	(t)	1 600	1 580	3 000	3 000	3 000	87.50	0.00
Salt	(t)	215 000	215 000	215 000	215 000	215 000	0.00	0.00
Sulfur	(t)	4 500	4 800	5 000	5 000	5 000	11.11	0.00
Nat.Gas (Mio m3)		58 300	63 000	62 200	67 400	63 700	9.26	-5.49
Oil	(t)	10 700 000	11 100 000	8 100 000	9 800 000	8 800 000	-17.76	-10.20

## Uganda

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Cobalt	(t)	457	638	689	698	663	45.08	-5.01
Tungsten	(t)	27	45	95	75	70	159.26	-6.67
Gold	(kg)	1 537	1 500	2 192	2 543	2 700	75.67	6.17
Gypsum	(t)	143	285	121	120	125	-12.59	4.17
Kaolin	(t)	37	55	25	20	20	-45.95	0.00
Salt	(t)	5 000	5 000	5 000	5 000	4 000	-20.00	-20.00

## Ukraine

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	39 600 000	41 673 600	44 400 000	46 740 000	46 302 256	16.92	-0.94
Manganese	(t)	810 000	770 000	820 000	840 000	910 000	12.35	8.33
Titanium	(t)	330 000	302 500	330 000	330 000	385 000	16.67	16.67
Aluminium	(t)	113 200	114 200	113 000	113 400	86 100	-23.94	-24.07
Gold	(kg)	70	70	70	70	70	0.00	0.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Graphite	(t)	7 500	8 000	7 500	8 000	8 000	6.67	0.00
Gypsum	(t)	337 000	381 000	376 000	742 000	1 158 410	243.74	56.12
Potash	(t)	60 000	60 000	65 000	65 000	65 000	8.33	0.00
Salt	(t)	4 393 000	4 811 000	5 996 000	5 548 000	4 424 878	0.73	-20.24
Sulfur	(t)	136 000	139 000	133 000	131 000	134 000	-1.47	2.29
Vermiculite	(t)	62 000	64 000	65 000	60 000	60 000	-3.23	0.00
Zircon	(t)	34 300	35 000	36 000	35 000	35 000	2.04	0.00
Steam-Coal	(t)	32 950 000	36 841 000	38 388 000	36 712 000	37 591 000	14.08	2.39
Coking-Coal	(t)	26 179 000	23 166 000	23 051 000	22 044 000	21 757 000	-16.89	-1.30
Lignite	(t)	460 000	354 000	232 000	280 000	289 000	-37.17	3.21
Nat.Gas (Mio m3)		18 700	20 100	21 094	21 104	21 444	14.67	1.61
Oil	(t)	4 000 000	5 100 000	4 900 000	4 459 000	4 328 000	8.20	-2.94
Uranium	(t)	943	943	943	997	943	0.00	-5.42

**Remarks:**

Steam coal incl. anthracite

## United Arab Emirates

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium	(t)	2 481	0	0	6 650	12 023	384.60	80.80
Aluminium	(t)	683 000	724 600	789 300	889 500	891 700	30.56	0.25
Gypsum	(t)	16 300	16 000	15 800	15 000	15 000	-7.98	0.00
Salt	(t)	24 000	27 000	29 000	29 000	29 000	20.83	0.00
Sulfur	(t)	80 000	85 000	87 000	87 000	87 000	8.75	0.00
Nat.Gas (Mio m3)		46 290	47 790	48 790	50 290	50 240	8.53	-0.10
Oil	(t)	116 720 324	118 413 366	127 874 484	125 932 465	139 500 000	19.52	10.77

**Remarks:**

includes minerals production of Abu Dhabi, Dubai, Ras Al Kaimah and Sharjah

Chromium: estimated Cr<sub>2</sub>O<sub>3</sub> content: 35%

## United Kingdom

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	275	195	188	165	145	-47.27	-12.12
Aluminium	(t)	359 600	368 477	360 300	364 595	316 000	-12.12	-13.33
Lead	(t)	500	500	400	100	100	-80.00	0.00
Baryte	(t)	61 000	64 000	48 000	53 000	43 000	-29.51	-18.87
Bentonite	(t)	27 540	6 200	0	0	0	-100.00	.
Feldspar	(t)	2 274	1 835	1 441	1 400	430	-81.09	-69.29

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Fluorspar	(t)	50 080	56 417	49 676	44 936	36 801	-26.52	-18.10
Gypsum	(t)	1 686 000	1 700 000	1 700 000	1 700 000	1 700 000	0.83	0.00
Kaolin	(t)	1 944 955	1 910 874	1 762 328	1 671 426	1 355 365	-30.31	-18.91
Potash	(t)	539 500	439 200	427 000	430 000	403 800	-25.15	-6.09
Salt	(t)	5 800 000	5 800 000	5 800 000	5 800 000	5 800 000	0.00	0.00
Sulfur	(t)	110 000	124 000	115 000	130 000	135 000	22.73	3.85
Talc	(t)	3 881	6 000	4 325	2 850	2 410	-37.90	-15.44
Steam-Coal	(t)	24 744 000	20 224 000	18 262 000	18 260 000	16 203 000	-34.52	-11.27
Coking-Coal	(t)	352 000	274 000	266 000	266 000	307 000	-12.78	15.41
Nat.Gas (Mio m3)		100 500	92 800	83 400	76 856	75 382	-24.99	-1.92
Oil	(t)	88 834 864	78 821 976	71 432 543	71 484 525	65 293 585	-26.50	-8.66

#### Remarks:

Hard coal incl. anthracite

## United States

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	34 083 000	34 650 000	33 201 000	32 760 000	33 769 000	-0.92	3.08
Molybdenum	(t)	41 500	58 000	59 800	57 000	55 893	34.68	-1.94
Titanium	(t)	500 000	400 000	360 000	300 000	300 000	-40.00	0.00
Vanadium	(t)	1 900	1 500	1 300	1 300	1 000	-47.37	-23.08
Aluminium	(t)	2 516 400	2 481 000	2 283 100	2 554 000	2 658 300	5.64	4.08
Bauxite	(t)	259 900	121 200	361 000	128 742	89 600	-65.53	-30.40
Cadmium	(t)	1 476	1 468	723	735	777	-47.36	5.71
Copper	(t)	1 160 000	1 140 000	1 220 000	1 170 000	1 310 000	12.93	11.97
Germanium	(t)	15	5	5	5	5	-66.67	0.00
Lead	(t)	445 000	437 000	429 000	444 000	410 054	-7.85	-7.65
Lithium	(t)	3 200	3 200	3 200	3 230	3 230	0.94	0.00
Mercury	(t)	15	15	15	15	15	0.00	0.00
Zinc	(t)	739 000	747 900	727 100	803 000	778 129	5.29	-3.10
Gold	(kg)	258 000	255 757	252 000	238 000	233 327	-9.56	-1.96
Platinum	(kg)	4 040	3 920	4 292	3 860	3 514	-13.02	-8.96
Palladium	(kg)	13 654	13 312	14 401	12 844	11 917	-12.72	-7.22
Rhodium	(kg)	110	110	120	124	62	-43.64	-50.00
Silver	(kg)	1 246 100	1 225 800	1 139 500	1 260 000	1 213 000	-2.66	-3.73
Asbestos	(t)	1 500	900	0	0	0	-100.00	.
Baryte	(t)	532 000	500 000	589 000	455 000	647 621	21.73	42.33
Bentonite	(t)	4 620 000	4 430 000	4 940 000	4 820 000	4 870 000	5.41	1.04
Boron	(t)	1 210 000	1 230 000	1 150 000	1 150 000	1 150 000	-4.96	0.00
Diatomite	(t)	620 000	653 000	799 000	687 000	763 616	23.16	11.15
Feldspar	(t)	770 000	760 000	763 000	730 000	648 510	-15.78	-11.16
Gypsum	(t)	17 200 000	21 100 000	21 100 000	17 900 000	14 411 000	-16.22	-19.49
Kaolin	(t)	7 760 000	7 800 000	7 470 000	7 110 000	6 750 000	-13.02	-5.06

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Perlite	(t)	508 000	508 000	454 000	409 000	434 178	-14.53	6.16
Phosphate	(t)	10 400 000	10 300 000	8 680 000	8 480 000	8 589 000	-17.41	1.29
Potash	(t)	1 300 000	1 200 000	1 100 000	1 100 000	1 100 000	-15.38	0.00
Salt	(t)	46 500 000	45 100 000	44 400 000	44 500 000	47 280 000	1.68	6.25
Sulfur	(t)	10 100 000	9 500 000	9 050 000	9 090 000	9 526 000	-5.68	4.80
Talc	(t)	833 000	856 000	895 215	769 000	706 000	-15.25	-8.19
Vermiculite	(t)	90 000	105 000	100 000	100 000	108 679	20.75	8.68
Zircon	(t)	172 000	164 000	143 000	120 000	122 000	-29.07	1.67
Steam-Coal	(t)	899 121 000	915 996 000	946 874 000	933 480 000	1 048 557 642	16.62	12.33
Coking-Coal	(t)	44 222 000	46 444 000	44 599 000	47 307 000	57 367 000	29.73	21.27
Lignite	(t)	75 000 000	76 113 000	76 429 000	71 232 000	68 659 367	-8.45	-3.61
Nat.Gas (Mio m3)		530 000	512 900	524 700	539 800	601 967	13.58	11.52
Oil	(t)	327 100 000	314 900 000	311 800 000	317 800 000	315 000 000	-3.70	-0.88
Uranium	(t)	1 030	1 225	1 972	1 950	1 769	71.75	-9.28

#### Remarks:

Hard coal incl. anthracite

## Uruguay

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	9 319	12 435	15 525	19 275	15 525	66.60	-19.46
Gold	(kg)	1 758	2 930	2 800	3 172	2 429	38.17	-23.42
Bentonite	(t)	122	195	515	530	515	322.13	-2.83
Feldspar	(t)	1 950	2 150	2 470	2 050	2 500	28.21	21.95
Gypsum	(t)	1 150	920	0	0	0	-100.00	.
Talc	(t)	1 041	1 131	1 544	850	1 000	-3.94	17.65

## Uzbekistan

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Molybdenum	(t)	500	577	600	600	600	20.00	0.00
Tungsten	(t)	300	300	300	300	300	0.00	0.00
Bismuth	(t)	1	2	3	3	3	200.00	0.00
Copper	(t)	82 800	103 500	103 500	103 500	80 000	-3.38	-22.71
Gold	(kg)	88 350	84 210	76 620	72 850	73 200	-17.15	0.48
Silver	(kg)	60 000	60 000	60 000	60 000	60 000	0.00	0.00
Feldspar	(t)	4 300	4 300	4 300	4 300	4 300	0.00	0.00
Fluorspar	(t)	86 000	85 000	88 000	80 000	80 000	-6.98	0.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen



Steam-Coal	(t)	81 000	95 040	99 200	99 000	99 000	22.22	0.00
Lignite	(t)	2 699 000	3 003 000	3 126 000	3 300 000	2 400 000	-11.08	-27.27
Nat.Gas (Mio m3)		45 500	58 000	60 000	60 000	64 000	40.66	6.67
Oil	(t)	6 600 000	7 100 000	5 400 000	5 000 000	5 000 000	-24.24	0.00
Uranium	(t)	2 377	2 712	2 665	2 736	2 757	15.99	0.77

## Venezuela

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	12 477 550	13 766 000	14 365 000	13 422 500	13 000 000	4.19	-3.15
Nickel	(t)	17 400	16 900	16 600	15 700	10 900	-37.36	-30.57
Aluminium	(t)	631 100	630 000	617 100	615 700	607 800	-3.69	-1.28
Bauxite	(t)	5 814 700	5 815 200	5 927 800	5 021 800	5 300 000	-8.85	5.54
Gold	(kg)	9 690	10 480	11 600	10 092	10 100	4.23	0.08
Diam. (Gem)	(ct)	16 015	22 062	11 039	5 800	3 752	-76.57	-35.31
Diam. (Ind)	(ct)	24 021	33 092	16 559	8 700	5 629	-76.57	-35.30
Feldspar	(t)	150 000	200 000	200 000	200 000	200 000	33.33	0.00
Gypsum	(t)	4 000	6 000	7 000	7 000	7 000	75.00	0.00
Kaolin	(t)	28 000	10 000	10 000	9 100	10 000	-64.29	9.89
Phosphate	(t)	84 016	109 760	112 000	112 000	115 000	36.88	2.68
Salt	(t)	350 000	380 000	350 000	350 000	350 000	0.00	0.00
Sulfur	(t)	730 000	950 000	950 000	850 000	800 000	9.59	-5.88
Steam-Coal	(t)	6 748 000	7 195 000	7 338 000	8 395 000	8 792 000	30.29	4.73
Nat.Gas (Mio m3)		23 900	25 200	26 000	26 500	27 000	12.97	1.89
Oil	(t)	156 966 000	159 960 000	158 332 000	153 850 000	131 900 000	-15.97	-14.27
Oilsands	(t)	28 794 444	28 968 254	34 761 905	35 000 000	35 000 000	21.55	0.00

### Remarks:

Sulfur: recovered from hydrocarbon refining;  
Gas and oil: OPEC figures;

## Viet Nam

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Chromium	(t)	89 658	36 301	33 597	47 762	25 705	-71.33	-46.18
Titanium	(t)	241 540	210 548	227 448	253 240	350 250	45.01	38.31
Bauxite	(t)	20 000	55 000	60 000	80 000	80 000	300.00	0.00
Copper	(t)	2 000	3 100	11 400	12 500	5 800	190.00	-53.60
Tin	(t)	3 500	5 400	5 400	5 400	5 400	54.29	0.00

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Graphite	(t)	90	100	200	0	0	-100.00	.
Gypsum	(t)	11 000	5 000	5 000	5 000	5 000	-54.55	0.00
Kaolin	(t)	741 700	780 000	800 000	540 000	500 000	-32.59	-7.41
Phosphate	(t)	271 500	307 260	369 720	425 730	629 670	131.92	47.90
Salt	(t)	906 000	898 000	842 000	920 000	950 000	4.86	3.26
Steam-Coal	(t)	25 500 000	32 396 000	37 899 000	44 580 000	39 940 000	56.63	-10.41
Nat.Gas (Mio m3)		6 250	6 440	7 000	7 700	7 100	13.60	-7.79
Oil	(t)	19 329 000	19 132 000	17 429 000	15 920 000	15 400 000	-20.33	-3.27

**Remarks:**

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 46%

## Yemen, Republic of

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Gypsum	(t)	60 000	72 000	81 000	90 000	95 000	58.33	5.56
Salt	(t)	39 000	47 000	53 000	60 000	70 000	79.49	16.67
Oil	(t)	19 329 000	19 132 000	17 429 000	15 800 000	15 350 318	-20.58	-2.85

## Zambia

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Cobalt	(t)	5 791	5 472	4 665	4 413	3 841	-33.67	-12.96
Copper	(t)	411 000	465 000	515 618	550 292	580 000	41.12	5.40
Gold	(kg)	0	443	964	1 269	1 693	.	33.41
Sulfur	(t)	52 000	52 000	75 000	98 000	131 000	151.92	33.67
Talc	(t)	250	230	220	0	0	-100.00	.
Steam-Coal	(t)	233 000	244 000	244 000	168 000	165 000	-29.18	-1.79

## Zimbabwe

		2004	2005	2006	2007	2008	Change 04/08	Change 07/08
Iron	(t)	172 200	134 537	62 600	62 400	62 400	-63.76	0.00
Chromium	(t)	279 571	368 956	320 809	298 617	218 017	-22.02	-26.99
Cobalt	(t)	59	304	26	29	28	-52.54	-3.45
Nickel	(t)	9 800	9 300	8 800	8 600	6 400	-34.69	-25.58
Tantalum-Col.	(t)	4	0	0	0	0	-100.00	.

**Abbreviations:** see Explanation; **Abkürzungen:** siehe Erläuterungen

Copper	(t)	2 300	2 570	2 600	2 700	2 800	21.74	3.70
Lithium	(t)	1 450	937	900	0	0	-100.00	.
Gold	(kg)	21 330	13 453	11 354	7 018	3 576	-83.23	-49.05
Platinum	(kg)	4 438	4 834	4 998	5 430	9 175	106.74	68.97
Palladium	(kg)	3 564	3 879	4 022	4 290	9 641	170.51	124.73
Rhodium	(kg)	374	404	410	435	560	49.73	28.74
Silver	(kg)	3 216	3 400	1 000	1 100	0	-100.00	-100.00
Asbestos	(t)	130 000	122 041	96 956	97 000	50 000	-61.54	-48.45
Baryte	(t)	3 486	2 500	2 000	0	0	-100.00	.
Diam. (Gem)	(ct)	13 336	73 178	313 807	208 505	239 159	1693.33	14.70
Diam. (Ind)	(ct)	31 118	170 750	732 218	486 511	558 037	1693.29	14.70
Feldspar	(t)	1 300	0	0	0	0	-100.00	.
Graphite	(t)	10 267	4 298	6 588	6 600	6 600	-35.72	0.00
Magnesite	(t)	749	864	939	940	940	25.50	0.00
Phosphate	(t)	27 000	14 625	21 068	16 440	7 080	-73.78	-56.93
Sulfur	(t)	42 400	20 041	39 777	0	0	-100.00	.
Vermiculite	(t)	16 000	23 045	13 421	13 000	13 000	-18.75	0.00
Steam-Coal	(t)	2 784 000	2 931 000	2 790 000	2 620 000	3 034 000	8.98	15.80
Coking-Coal	(t)	651 000	690 000	657 000	617 000	714 000	9.68	15.72

**Remarks:**

Chromite: estimated Cr<sub>2</sub>O<sub>3</sub> content: 45%;



