

World Mining Data 2023

Iron and Ferro-Alloy Metals

Non-Ferrous Metals

Precious Metals

Industrial Minerals

Mineral Fuels



World Mining Data 2023

Iron and Ferro-Alloy Metals

Non-Ferrous Metals

Precious Metals

Industrial Minerals

Mineral Fuels

Volume 38

C. Reichl, M. Schatz

Minerals Production

Vienna, 2023

Legal notice

Media owner and publisher:
Federal Ministry of Finance
Johannesgasse 5, 1010 Vienna

Text and Editing: Christian Reichl
Database Programming: Michael Schatz
Layout of Statistical Tables: Alexandra Masopust
Directorate VI/5 – Mineral Resources Policy
Denisgasse 31, 1200 Vienna
Graphic Design: Kerstin Heymach
Photo credits: BMF/Magdalena Pupp (Title), BMF/Wenzel (Page 3)
ISBN 978-3-901074-54-7
Vienna, 2023. Last updated: 25. April 2023

Copyright and Liability:

Copies may only be made of extracts where there is a reference to the source; all other rights reserved. Reference is made to the fact that despite careful processing all information provided in this publication is subject to correction and liability on the part of the Federal Ministry of Finance and the author is excluded. The legal opinions expressed represent the non-binding opinions of the author and in no way anticipate the jurisdiction of independent courts.

This publication is a statistical work. Due to the nature of this publication, only chapters 1-5 are accessible at this time. We are currently striving to expand the usability and accessibility of our publications. The graphic double page summarizes the major developments in global mining production based on data from this publication. The statistical data and underlying figures are available in Excel format and can be accessed on our homepage. If you are interested or if you would like to share any feedback on this brochure, please contact us at: wmd@bmf.gv.at.

Preface



Dr. Magnus Brunner, LL.M.
Federal Minister

Raw materials are the backbone of the economy. The sufficient supply of mineral raw materials under fair market conditions is essential for a sustainable and well-functioning economy. Although the geological availability of minerals is relatively high, occurring disruptions can lead to a shortfall of mineral resources. Smouldering geopolitical crises and the war in Ukraine relentlessly demonstrate our vulnerability in a globalized world with its complex dependencies and widely ramified value chains.

Raw materials are necessary to secure our future viability and to solve the grand challenges in the fields of climate and energy, health, nutrition, mobility, digitalisation and security. To foster the security of supply of mineral raw materials fair trade, innovative solutions along the entire value chain and the incorporation of circular economy are necessary. Additionally, domestic production boosts our independence and strategic autonomy. A holistic and cross-policy approach is needed to meet these major challenges.

Fact-based knowledge of mineral production, market concentrations and production trends are the basis of foresighted policy and decision-making. This can help to identify potential short or medium-term supply risks. I am delighted that the annual publication "World Mining Data" has served as a valuable basis for commodity forecasts of renowned national and international institutions for 38 years. In this way, the Austrian Federal Ministry of Finance provides an important contribution to international resource policy.

I would like to express my sincere gratitude to Austrian representations abroad as well as to international institutions for their support and active participation regarding this publication.

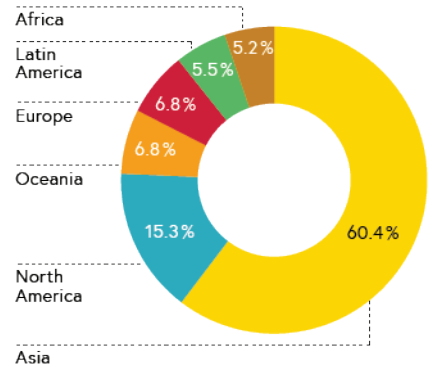
Dr. Magnus Brunner

Federal Minister of Finance

Minerals – Backbone of the economy

Major developments in global mining production based on World Mining Data 2023

Total production 2021 by continents



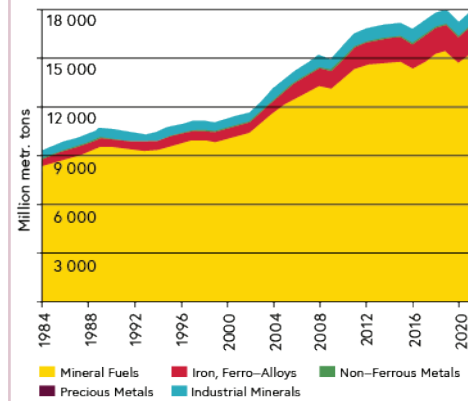
World mining production

2021
17.9 Billion metric tons

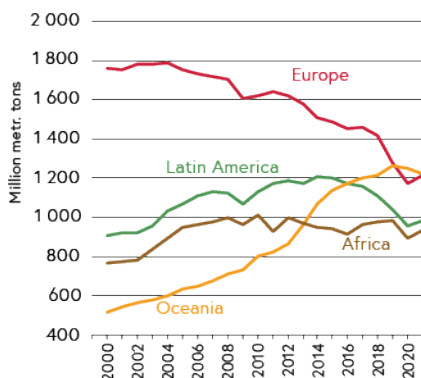
2000
11.3 Billion metric tons

1985
9.6 Billion metric tons

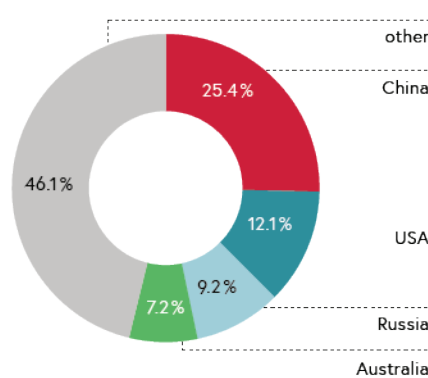
Total mining production 1984–2021



Minerals production: Oceania surpassed Latin America in 2016 and Europe in 2020



China, USA, Russia and Australia are the 4 biggest mining nations



Iron and Ferro-Alloy Metals

Ratio of Iron Ore to all other Ferro-Alloy Metals

97.2% to 2.8%

Growth rate of Iron Ore production 2000/2021 (2017/2021)

169.9% (7.3%)

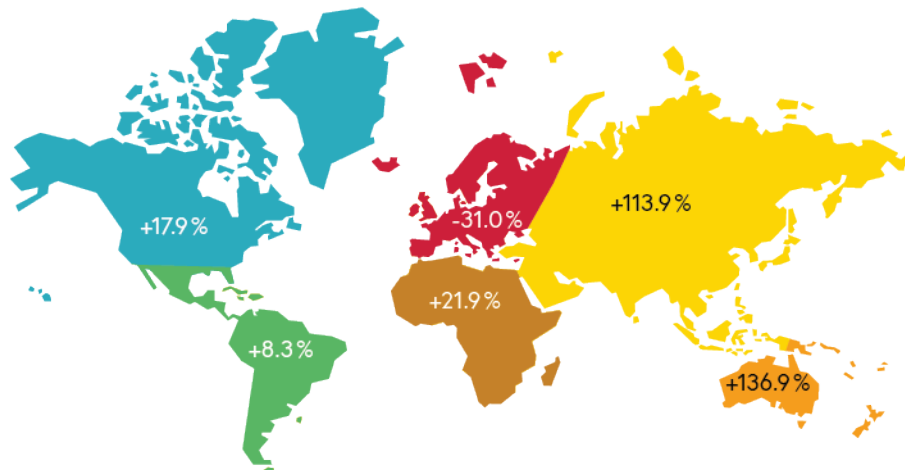
Growth rate of Nickel production 2000/2021 (2017/2021)

149.3% (13.5%)

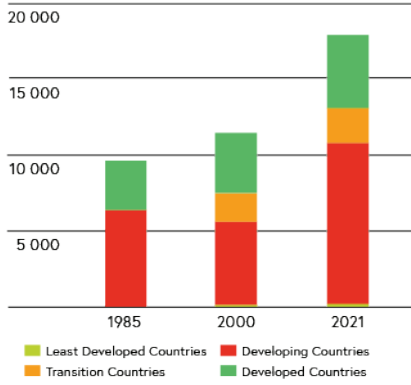
China is world's largest producer of 29 different commodities:

- 4 Iron and Ferro-Alloy Metals: Mo, Ti, W, V
- 15 Non-Ferrous Metals: Al, Sb, As, Bi, Cd, Ga, Ge, In, Pb, Hg, REE, Se, Te, Sn, Zn
- 1 Precious Metal: Au
- 7 Industrial Minerals: Fluorspar, Graphite, Gypsum, Magnesite, Phosphate Rock, Salt, Sulfur
- 2 Mineral Fuels: Steam Coal, Coking Coal

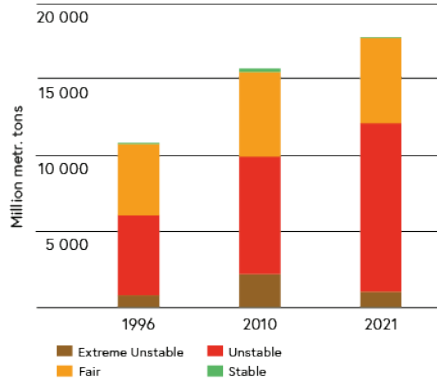
Δ 2000/2021 – declining production rates since 2000 only in Europe



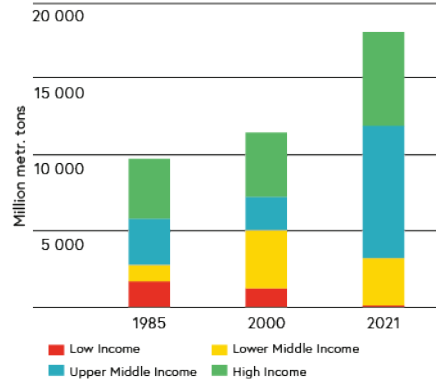
Development status of producer countries



Political stability of producer countries



Per capita income in USD – Mineral production contributes to wealth



Non-Ferrous Metals

Ratio of 4 base metals Al, Cu, Zn, Pb to all other Non-Ferrous Metals

99.1% to 0.9%

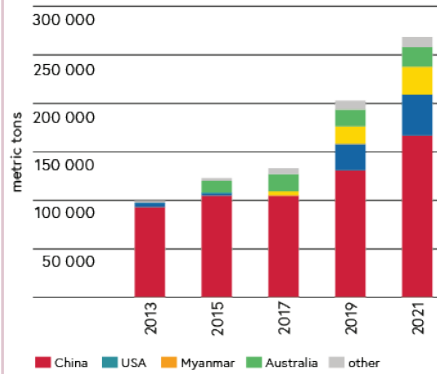
Growth rate of Non-Ferrous Metals production 2000/2021 (2017/2021)

115.3% (3.0%)

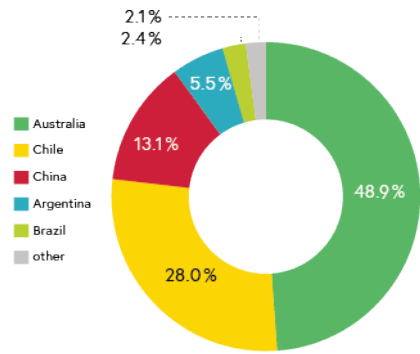
Growth rate of Copper production 2000/2021 (2017/2021)

66.2% (6.6%)

Strong increase in Rare Earth Minerals production (REO-Content)



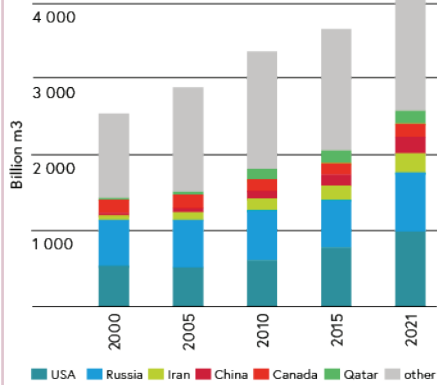
Largest 5 producer countries share 97.9% of Lithium production



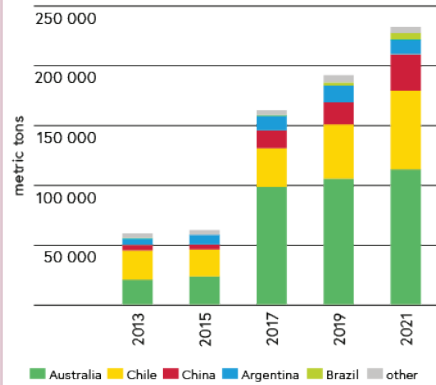
Big changes

| | Δ 2000/2021 | Δ 2017/2021 |
|-------------|-------------|-------------|
| Lithium | 753.5% | 42.9% |
| Gallium | 734.6% | 40.0% |
| Tellurium | 278.4% | 19.7% |
| Antimony | -18.8% | -36.9% |
| Lignite | -20.4% | -16.3% |
| Diam. (Ind) | -23.2% | -38.3% |

Steady increase in Natural Gas production



Strong increase in Lithium production (Li₂O-Content)



Battery Materials: Mine production 2021 share by continents

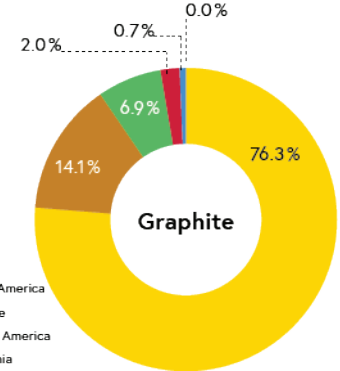
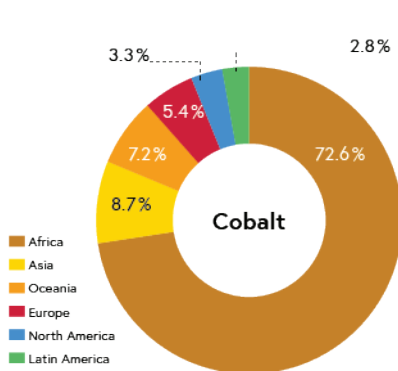
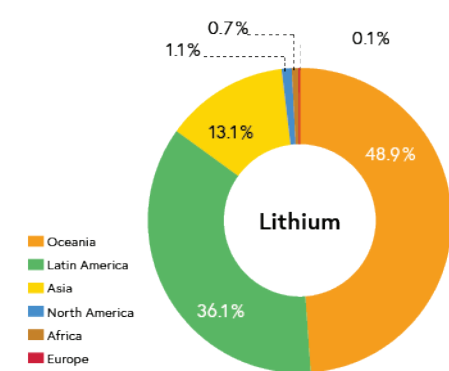


Table of Contents

| | |
|--|-----------|
| 1 Mineral Raw Materials | 9 |
| 2 Definitions..... | 10 |
| 3 Details on Contents, Weights, Measures and Values | 13 |
| 4 Regional and Sectoral Groups | 17 |
| 4.1 Development Status of Producer Countries | 17 |
| 4.2 Regional Groups of Producer Countries | 19 |
| 4.3 Economic Blocks or Cartel-like Associations..... | 20 |
| 4.4 Political Stability of Producer Countries..... | 23 |
| 4.5 Minerals Production by GNI (Gross National Income) of Producer Countries in USD | 24 |
| 4.6 Concentration of Producer Countries | 25 |
| 5 Data Capture | 26 |
| Charts | 27 |
| 6 World Production of Mineral Raw Materials | 31 |
| 6.1 Total World Production..... | 31 |
| 6.1.1 Total Minerals Production, by Continents | 31 |
| 6.1.2 Total Minerals Production, by World Regions (according to IIASA/UN) | 33 |
| 6.1.3 Total Minerals Production, by Development Status of Producer Countries | 35 |
| 6.1.4 Total Minerals Production, by Country Groups and Economic Blocks | 37 |
| 6.1.5 Total Minerals Production, by Political Stability of Producer Countries | 39 |
| 6.1.6 Total Minerals Production, by Groups of Commodities | 40 |
| 6.1.7 Mineral Fuels | 42 |
| 6.1.7.1 Total Production in metr. t | 42 |
| 6.1.7.2 Total Production in tons of coal equivalent (TCE)..... | 44 |
| 6.1.8 Total Minerals Production 2021, by Country..... | 46 |
| 6.1.8.1 by Production in metr. t | 46 |
| 6.1.8.2 by Value in Million USD (not included Diamonds) | 49 |
| 6.2 World Production of Mineral Raw Materials, by Mineral Raw Materials | 53 |
| 6.2.1 Iron and Ferro-Alloy Metals..... | 53 |
| 6.2.2 Non-Ferrous Metals | 53 |

| | |
|--|------------|
| 6.2.3 Precious Metals..... | 54 |
| 6.2.4 Industrial Minerals..... | 54 |
| 6.2.5 Mineral Fuels | 55 |
| 6.3 World Production of Mineral Raw Materials, by Development Status, Income, Political Stability of the Producer Countries (according to World Bank), Country Groups and Economic Blocks | 57 |
| 6.3.1 Iron and Ferro-Alloy Metals..... | 57 |
| 6.3.2 Non-Ferrous Metals..... | 66 |
| 6.3.3 Precious Metals..... | 82 |
| 6.3.4 Industrial Minerals..... | 86 |
| 6.3.5 Mineral Fuels | 103 |
| 6.4 Production of Mineral Raw Materials of individual Countries, by Minerals..... | 111 |
| 6.4.1 Iron and Ferro-Alloy Metals..... | 111 |
| 6.4.2 Non-Ferrous Metals..... | 117 |
| 6.4.3 Precious Metals..... | 127 |
| 6.4.4 Industrial Minerals..... | 131 |
| 6.4.5 Mineral Fuels | 147 |
| 6.5 Share of World Mineral Production 2021, by Countries..... | 155 |
| 6.5.1 Iron and Ferro-Alloy Metals..... | 155 |
| 6.5.2 Non-Ferrous Metals..... | 161 |
| 6.5.3 Precious Metals..... | 171 |
| 6.5.4 Industrial Minerals..... | 175 |
| 6.5.5 Mineral Fuels | 191 |
| 6.6 Production of Mineral Raw Materials of individual Countries, by Countries | 199 |

1 Mineral Raw Materials

The mineral materials included in this report are arranged in five groups:

Iron and Ferro-Alloy Metals

Non-Ferrous Metals

Precious Metals

Industrial Minerals

Mineral Fuels

Iron and Ferro-Alloy Metals:

Iron, Chromium, Cobalt, Manganese, Molybdenum, Nickel, Niobium, Tantalum, Titanium, Tungsten, Vanadium

Non-Ferrous Metals:

Aluminium, Antimony, Arsenic, Bauxite, Beryllium, Bismuth, Cadmium, Copper, Gallium, Germanium, Indium, Lead, Lithium, Mercury, Rare Earth Minerals, Rhenium, Selenium, Tellurium, Tin, Zinc

Precious Metals:

Gold, Platinum-Group Metals (Palladium, Platinum, Rhodium), Silver

Industrial Minerals:

Asbestos, Baryte, Bentonite, Boron Minerals, Diamond (Gem/Industrial), Diatomite, Feldspar, Fluorspar, Graphite, Gypsum and Anhydrite, Kaolin (China-Clay), Magnesite, Perlite, Phosphate Rock (incl. Guano), Potash, Salt, Sulfur, Talc (incl. Steatite and Pyrophyllite), Vermiculite, Zircon

Mineral Fuels:

Steam Coal (incl. Anthracite and Sub-Bituminous Coal), Coking Coal, Lignite, Natural Gas, Petroleum (incl. Natural Gas Liquids), Oil Sands, Oil Shales, Uranium

2 Definitions

Mineral raw materials are mineral constituents of the earth's crust which are of economic value. In the most comprehensive sense this includes the so-called "mine output" as well as the output from 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 (see Chapter 3).

Weights and Measures:

| | | |
|------------------------|---|--------------|
| 1 metric ton (metr. T) | = | 1 000 kg |
| 1 short ton (short t) | = | 907.2 kg |
| 1 long ton (long t) | = | 1 016.047 kg |
| 1 pound (lb) | = | 0.4536 kg |
| 1 troy ounce (oz) | = | 31.1035 g |
| 1 carat (ct) | = | 200 mg |

Conversion table:

Volume units:

| | | |
|---------------------------------|---|--|
| 1 cubic foot (ft ³) | = | cubic meter (m ³) x 0.028317 |
| 1 cubic meter (m ³) | = | cubic foot (ft ³) x 35.31467 |
| 1 US (=petroleum) barrel (bbl) | = | 42 liquid US gallons = 158.98 l |
| 1 flask mercury | = | 76 lb = 34.5 kg |

Conversion for salt brine:

$$1 \text{ m}^3 \times 0.3 = 1 \text{ metr. t}$$

Conversion factor for natural gas (approximate method):

$$1 \text{ m}^3 \approx 0.8 \text{ kg} = 0.0008 \text{ metr. t}$$

Conversion for crude petroleum (approximate method):

| | | |
|-------------------|---|----------------|
| 7.33 bbl (barrel) | = | 1 metr. t |
| 1 bbl | = | 0.1364 metr. t |
| 1 bbl/d | ≈ | 49.8 metr. t/a |

Conversion factor for lignite (metr. t to TCE = tons of coal equivalent):

| | |
|--|------|
| Greece, North Macedonia | 0.19 |
| Afghanistan, Algeria, Argentina, Bangladesh, Belgium, Belarus, Bhutan, Botswana, Brazil, Burundi, Central African Republic, Chile, Colombia, Costa Rica, Cuba, Czech Republic, Dominican Republic, Ecuador, Egypt, Eswatini, Ethiopia, Falkland/Malvinas Islands, Finland, Georgia, Germany, Haiti, Honduras, Indonesia, Iran, Ireland, Israel, Jamaica, Kazakhstan, Korea North, Korea South, Kyrgyzstan, Malawi, Malaysia, Mali, Mexico, Mongolia, Morocco, Mozambique, Nepal, Netherlands, New Caledonia, Niger, Norway, Oman, Poland, Rwanda, Sierra Leone, Slovakia, South Africa, Spain, Sri Lanka, St. Vincent/Grenadine, Sweden, Taiwan, Tajikistan, Tanzania, Turkmenistan, Remaining Eastern Asia (SWL), Remaining Eastern Europe, former USSR/CIS, Ukraine, United Kingdom, Uruguay, Uzbekistan, Venezuela, Zaire, Zambia, Zimbabwe | 0.30 |
| Bosnia-Herzegovina, Croatia, Kosovo, Serbia and Montenegro, Slovenia, former Yugoslavia | 0.32 |
| Australia, Cambodia, Denmark, India, Japan, Laos, Madagascar, Myanmar, Nigeria, Pakistan, Peru, Philippines, Romania, Thailand, Turkey, Vietnam | 0.33 |
| Italy | 0.36 |
| China, France, Hungary | 0.40 |
| Russia | 0.45 |
| Albania, Austria, Bulgaria, Canada, New Zealand, United States of America | 0.50 |
| Portugal | 0.58 |

Conversion factor for steam coal, coking coal (metr. t to TCE = tons of coal equivalent):

| | |
|---|------|
| Czech Republic, Albania | 0.60 |
| Indonesia | 0.65 |
| Armenia, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Ukraine, Uzbekistan | 0.66 |
| Cameroon, Chile, Ecuador, Pakistan, St. Vincent/Grenadines, Sweden | 0.70 |
| India | 0.71 |
| China, Remaining Eastern Asia | 0.72 |
| Croatia, Serbia and Montenegro, former Yugoslavia | 0.76 |
| Spain | 0.77 |
| Japan, Nigeria | 0.78 |

| | |
|---|------|
| Afghanistan, Algeria, Argentina, Bangladesh, Bhutan, Bolivia, Bosnia-Herzegovina, Botswana, Brazil, Bulgaria, Burundi, Cambodia, Central African Republic, Costa Rica, Cuba, Denmark, Dominican Republic, Egypt, Eswatini, Ethiopia, Falkland/Malvinas Islands, Finland, Greece, Haiti, Honduras, Hungary, Iran, Ireland, Israel, Italy, Jamaica, Korea North, Korea South, Laos, Madagascar, Malawi, Malaysia, Mali, Mexico, Moldova, Mongolia, Morocco, Mozambique, Myanmar, Nepal, New Caledonia, New Zealand, Niger, Norway, Oman, Peru, Philippines, Portugal, Remaining Asia, Romania, Russia, Rwanda, Sierra Leone, Sri Lanka, Taiwan, Tanzania, Thailand, Tunisia, Uruguay, Venezuela, Vietnam, Zaire, Zambia, Zimbabwe | 0.80 |
| United Kingdom | 0.82 |
| France, Poland, Remaining Africa, South Africa | 0.85 |
| Belgium, United States of America | 0.86 |
| Australia | 0.90 |
| Turkey | 0.91 |
| Germany, Colombia | 0.94 |
| Canada | 0.95 |

Sources and accuracy of data (see chapter 6.4):

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

- a Questionnaire
- b US Geological Survey (USGS)
- c Kimberley Process Certification Scheme (KPCS)
- d World Nuclear Association (WNA)
- e National statistics
- f Metallgesellschaft (until 1998)
- m OECD and ECE
- n Others (Company reports etc.)
- o Oil & Gas Journal
- p International Energy Agency (IEA)
- q International Consultative Group (ICG)
- r BP plc
- s British Geological Survey (BGS)

3 Details on Contents, Weights, Measures and Values

Mineral raw materials and ore bodies with significant variations in valuable mineral content have been calculated to obtain the actually useable mineral content, e.g. highly variable Fe-contents of iron carbonates and iron oxides. Production figures throughout this report do not (unless otherwise specified) refer to crude ore (ROM/run of mine) or concentrate produced from it, but indicate the content of recoverable valuable elements and compounds.

Total world production figures (chapter 6.1) do not include Bauxite production as Bauxite is the base raw material in Aluminium production. Production figures for Bauxite can be found in commodity and country statistics (chapter 6.2 ff.).

Iron and Ferro-Alloy Metals:

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

Non-Ferrous Metals

| | | |
|---------------------|--------------------------------|---------|
| Aluminium | Al, primary | metr. t |
| Antimony | Sb | metr. t |
| Arsenic | As ₂ O ₃ | metr. t |
| Bauxite | crude ore | metr. t |
| Beryllium | concentrate | metr. t |
| Bismuth | Bi | metr. t |
| Cadmium | Cd | metr. t |
| Copper | Cu | metr. t |
| Gallium | Ga | metr. t |
| Germanium | Ge | metr. t |
| Indium | In | metr. t |
| Lead | Pb | metr. t |
| Lithium | Li ₂ O | metr. t |
| Mercury | Hg | metr. t |
| Rare Earth Minerals | REO | metr. t |
| Rhenium | Re | kg |
| Selenium | Se | metr. t |
| Tellurium | Te | metr. t |
| Tin | Sn | metr. t |
| Zinc | Zn | metr. t |

Precious Metals:

| | | |
|-----------|----|----|
| Gold | Au | kg |
| Palladium | Pd | kg |
| Platinum | Pt | kg |
| Rhodium | Rh | kg |
| Silver | Ag | kg |

Industrial Minerals:

| | | |
|--|-------------------------------|---------|
| Asbestos | | metr. t |
| Baryte | | metr. t |
| Bentonite | | metr. t |
| Boron Minerals | | metr. t |
| Diamonds (Gem) | | ct |
| Diamonds (Industrial) | | ct |
| Diatomite | | metr. t |
| Feldspar | | metr. t |
| Fluorspar | | metr. t |
| Graphite | | metr. t |
| Gypsum and Anhydrite | | metr. t |
| Kaolin (China-Clay) | | metr. t |
| Magnesite | | metr. t |
| Perlite | | metr. t |
| Phosphate Rock | P ₂ O ₅ | metr. t |
| Potash | K ₂ O | metr. t |
| Salt (Rock Salt, Brines, Marine Salt) | | metr. t |
| Sulfur (elementar and industrial Sulfur) | | metr. t |
| Talc, Steatite and Pyrophyllite | | metr. t |
| Vermiculite | | metr. t |
| Zircon | concentrate | metr. t |

Mineral Fuels:

| | | |
|---|-------------------------------|--------------------|
| Steam coal (incl. Anthracite, bituminous and sub-bituminous Coal) | | metr. t |
| Coking Coal | | metr. t |
| Lignite | | metr. t |
| Natural Gas | marketed Prod. | Mio m ³ |
| Petroleum (incl. Nat. Gas Liquids) | gross Prod. | metr. t |
| Oil Sands | gross Prod. | metr. t |
| Oil Shales | | metr. t |
| Uranium | U ₃ O ₈ | metr. t |

Commodity Prices:

Sources of annual averages:

- Metal Bulletin
- Industrial Minerals
- BGR-Rohstoffdatenbank, 2022; Bundesanstalt für Geowissenschaften und Rohstoffe, Deutschland
- U.S. Geological Survey
- Kitco Metals Inc.
- Metal-Pages
- Cameco Corporation
- IEA: Coal Information
- U.S. Energy Information Administration / Monthly Energy

4 Regional and Sectoral Groups

4.1 Development Status of Producer Countries

An attempt was made to identify the development status of all countries that produce mineral raw materials. The different producer countries were classified according to international standards considering in particular UNCTAD and IIASA classifications. The classification has been adopted for statistical convenience only (see fig. 5).

Important note: 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” appear in tables, they cover countries, territories, cities and areas.

Developed, developing countries:

According to 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 and Korea South 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 developed and developing countries see

<https://unstats.un.org/unsd/methodology/m49/>

Source: 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:

According to 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):

Africa: Angola (1994), Benin (1971), Burkina Faso (1971), Burundi (1971), Central African Republic (1975), Chad (1971), Comoros (1977), Congo, D.R. (1991), Djibouti (1982), Eritrea (1994), Ethiopia (1971), Gambia (1975), Guinea (1971), Guinea-Bissau (1981), Lesotho (1971), Liberia (1990), Madagascar (1991), Malawi (1971), Mali (1971), Mauritania (1986), Mozambique (1988), Niger (1971), Rwanda (1971), Sao Tome and Principe (1982), Senegal (2000), Sierra Leone (1982), Somalia (1971), South Sudan (2012), Sudan (1971), Tanzania (1971), Togo (1982), Uganda (1971), Zambia (1991)

Asia and the Pacific: Afghanistan (1971), Bangladesh (1975), Bhutan (1971), Cambodia (1991), Kiribati (1986), Laos P.D.R. (1971), Myanmar (1987), Nepal (1971), Solomon Islands (1991), East Timor (2003), Tuvalu (1986), Yemen (1971)

Latin America and the Caribbean: Haiti (1971)

Source: United Nations. Office of the High Representative for the Least Developed Countries, Landlocked Developing Countries and Small Island Developing States (OHRLLS).

United Nations webpage <https://www.un.org>

Economies in Transition:

According to UNCTAD HANDBOOK OF STATISTICS (2021)

Asia: Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan

Europe: Albania, Belarus, Bosnia-Herzegovina, Kosovo, North Macedonia, Moldova, Montenegro, Russia, Serbia, Ukraine

4.2 Regional Groups of Producer Countries

CPE: (Centrally Planned Economies)

China, Cuba, Korea North, Mongolia, Vietnam

World Regions: (according to IIASA/UN)

CAS - Central Asia: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan

CPA - Centrally Planned Asia & China: Cambodia, China, Korea North, Laos, Mongolia, Vietnam

EEU - Eastern Europe: Albania, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Hungary, Kosovo, North Macedonia, Montenegro, Poland, Romania, Slovakia, Slovenia, former Yugoslavia

FSU - Former Soviet Union: Armenia, Azerbaijan, Belarus, Estonia, Georgia, Latvia, Lithuania, Moldova, Russian Federation, Ukraine

LAM - Latin America: Antigua & Barbuda, Argentina, Bahamas, Barbados, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Netherlands Antilles, Nicaragua, Panama, Paraguay, Peru, St. Kitts & Nevis, St. Lucia, St. Vincent, Suriname, Trinidad & Tobago, Uruguay, Venezuela

MEA - Middle East: Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, United Arab Emirates, Yemen

NAF - North Africa: Algeria, Egypt, Libya, Morocco, Sudan, Tunisia

NAM - North America: Bermuda, Canada, Puerto Rico, Virgin Islands, United States of America

PAO - Pacific OECD: Australia, Japan, New Zealand

PAS - Pacific Asia: American Samoa, Brunei, East Timor, Fiji, French Polynesia, Indonesia, Kiribati, Korea South, Malaysia, Myanmar, New Caledonia, Papua New Guinea, Phillippines, Singapore, Solomon Islands, Taiwan, Thailand, Tonga, Vanuatu, Western Samoa

SAS - South Asia: Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, Sri Lanka

SSA - Sub-Saharan Africa: Angola, Benin, Botswana, British Indian Ocean Territory, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo D.R., Congo Rep., Cote d'Ivoire, Djibouti, Equatorial Guinea, Eritrea, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Mozambique, Namibia, Niger, Nigeria, Réunion, Rwanda, St. Helena, Sao Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe

WEU - Western Europe: Andorra, Austria, Azores, Belgium, Canary Islands, Cyprus, Denmark, Faroe Islands, Finland, France, Germany, Gibraltar, Greece, Greenland, Iceland, Ireland, Isle of Man, Italy, Liechtenstein, Luxembourg, Madeira, Malta, Monaco, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, United Kingdom

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

4.3 Economic Blocks or Cartel-like Associations

Economic blocks or cartel-like associations were included as follows (in alphabetical order, year of entry in brackets):

ACP Countries: African, Caribbean and Pacific group of states linked to the European Communities as signatory to the Georgetown Agreement and the Lomé Conventions
Africa: Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo D.R., Congo Rep., Côte d'Ivoire, Djibuti, Equatorial Guinea, Eritrea, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauretania, Mauritius, Mozambique,

Namibia, Niger, Nigeria, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe

Caribbean: Antigua-Barbuda, Bahamas, Barbados, Belize, Cuba, Dominica, Dominican Republic, Grenada, Guyana, Haiti, Jamaica, St. Kitts-Nevis, St. Lucia, St. Vincent-Grenadines, Suriname, Trinidad and Tobago

Pacific: Cook Islands, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, Niue, East Timor, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu

ASEAN Countries: Association of South East Asian Nations

Brunei (1984), Cambodia (1999), Indonesia, Laos (1997), Malaysia, Myanmar (1997), Philippines, Singapore, Thailand, Vietnam (1995)

BRICS Countries:

A 2001 report by Goldman Sachs chief economist Jim O'Neill created the modern term for the four major emerging economies with annual growth rates in economic performance of 5 to 10%. BRICS stands for the initials of the countries of Brazil, Russia, India and China. South Africa joined in 2011.

EC (EU): European Community

Austria (1995), Belgium (1952/58), Bulgaria (2007), Croatia (2013), Cyprus (2004), Czech Republic (2004), Denmark (1973), Estonia (2004), Finland (1995), France (1952/58), Germany (1952/58), Greece (1981), Hungary (2004), Ireland (1973), Italy (1952/58), Latvia (2004), Lithuania (2004), Luxemburg (1952/58), Malta (2004), Netherlands (1952/58), Poland (2004), Portugal (1986), Romania (2007), Slovakia (2004), Slovenia (2004), Spain (1986), Sweden (1995), United Kingdom (1973-2020)

EFTA: European Free Trade Association

Austria (until 1994), Denmark (until 1973), Finland (until 1994), Iceland, Liechtenstein, Norway, Portugal (until 1986), Sweden (until 1994), Switzerland, United Kingdom (until 1973)

G7: Group of the Most Important Industrialized Countries

G7 (1976): Canada, Germany, France, Italy, Japan, United Kingdom, United States of America, Russia (1998-2013)

MERCOSUR (Mercado Comun del Sur): Common Market of the South

Treaty since January 1, 1995 between Argentina, Brazil, Paraguay and Uruguay establishing a common market; Venezuela 2006-2017; associated members: Bolivia, Chile, Colombia, Ecuador, Guyana, Peru, Suriname

OECD: Organization for Economic Cooperation and Development

Australia (1971), Austria (1961), Belgium (1961), Canada (1961), Chile (2010), Colombia (2020), Costa Rica (2021), Czech Republic (1995), Denmark (1961), Estonia (2010), Finland (1969), France (1961), Germany (1961), Greece (1961), Hungary (1996), Iceland (1961), Ireland (1961), Israel (2010), Italy (1961), Japan (1964), Korea South (1996), Latvia (2016), Lithuania (2018), Luxemburg (1961), Mexico (1994), Netherlands (1961), New Zealand (1973), Norway (1961), Poland (1996), Portugal (1961), Slovakia (2000), Slovenia (2010), Spain (1961), Sweden (1961), Switzerland (1961), Turkey (1961), United Kingdom (1961), United States of America (1961)

SADC: Southern African Development Community

Angola, Botswana, Comoros (2017), Congo D.R. (1997), Eswatini, Lesotho, Madagascar (2005-2009, 2014), Malawi, Mauritius (1995), Mozambique, Namibia (1990), Seychelles (1997-2004, 2008) South Africa (1994), Tanzania, Zambia, Zimbabwe

USMCA: United States-Mexico-Canada Agreement (former NAFTA)

Canada, Mexico, United States of America

USMCA was established on July 1, 2020 (NAFTA: January 1, 1994 - June 30, 2020).

4.4 Political Stability of Producer Countries

The worldwide Governance Indicators rely on 31 data sources, including surveys of enterprises and citizens and expert polls, gathered from 25 different organizations around the world (D. KAUFMANN, A. KRAAY & M. MASTRUZZI 2010). These provide data derived from hundreds of questions about governance. Before aggregation is carried out each question is mapped to one of 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.

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.

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 ≤ -1.25 : extremely unstable;

≤ 0 to -1.25 : unstable; > 0 to $+1.25$: fair; $\geq +1.25$: stable; (see fig. 6).

More information:

Kaufmann, Daniel, Kraay, Aart and Mastruzzi, Massimo, The Worldwide Governance Indicators: Methodology and Analytical Issues (September 2010). World Bank Policy Research Working Paper No. 5430. Available at SSRN: <https://ssrn.com/abstract=1682130>

4.5 Minerals Production by GNI (Gross National Income) of Producer Countries in USD

For analytical purposes, World Bank member economies and all other economies with populations of more than 30 000 inhabitants have been grouped annually according to GNI. Economies are classified annually among income groups to gross national income (GNI) per capita, using the World Bank Atlas method of calculation. The groups are: L low income, LM lower middle income, UM upper middle income, H high income.

| Year | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | see 1987 | | | | | | | | | |
| L | - | - | - | ≤ 480 | ≤ 545 | ≤ 580 | ≤ 610 | ≤ 635 | ≤ 675 | ≤ 695 |
| LM | - | - | - | ≤ 1 940 | ≤ 2 200 | ≤ 2 335 | ≤ 2 465 | ≤ 2 555 | ≤ 2 695 | ≤ 2 785 |
| UM | - | - | - | ≤ 6 000 | ≤ 6 000 | ≤ 6 000 | ≤ 7 620 | ≤ 7 910 | ≤ 8 355 | ≤ 8 625 |
| H | - | - | - | > 6 000 | > 6 000 | > 6 000 | > 7 620 | > 7 910 | > 8 355 | > 8 625 |
| Year | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| L | ≤ 725 | ≤ 765 | ≤ 785 | ≤ 785 | ≤ 760 | ≤ 755 | ≤ 755 | ≤ 745 | ≤ 735 | ≤ 765 |
| LM | ≤ 2 895 | ≤ 3 035 | ≤ 3 115 | ≤ 3 125 | ≤ 3 030 | ≤ 2 995 | ≤ 2 995 | ≤ 2 975 | ≤ 2 935 | ≤ 3 035 |
| UM | ≤ 8 955 | ≤ 9 385 | ≤ 9 645 | ≤ 9 655 | ≤ 9 360 | ≤ 9 265 | ≤ 9 265 | ≤ 9 205 | ≤ 9 075 | ≤ 9 385 |
| H | > 8 955 | > 9 385 | > 9 645 | > 9 655 | > 9 360 | > 9 265 | > 9 265 | > 9 205 | > 9 075 | > 9 385 |
| Year | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| L | ≤ 825 | ≤ 875 | ≤ 905 | ≤ 935 | ≤ 975 | ≤ 995 | ≤ 1 005 | ≤ 1 025 | ≤ 1 035 | ≤ 1 045 |
| LM | ≤ 3 255 | ≤ 3 465 | ≤ 3 595 | ≤ 3 705 | ≤ 3 855 | ≤ 3 945 | ≤ 3 975 | ≤ 4 035 | ≤ 4 085 | ≤ 4 125 |
| UM | ≤ 10 065 | ≤ 10 725 | ≤ 11 115 | ≤ 11 455 | ≤ 11 905 | ≤ 12 195 | ≤ 12 275 | ≤ 12 475 | ≤ 12 615 | ≤ 12 745 |
| H | > 10 065 | > 10 725 | > 11 115 | > 11 455 | > 11 905 | > 12 195 | > 12 275 | > 12 475 | > 12 615 | > 12 745 |
| Year | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| L | ≤ 1 045 | ≤ 1 025 | ≤ 1 005 | ≤ 995 | ≤ 1 025 | ≤ 1 035 | ≤ 1 045 | ≤ 1 085 | | |
| LM | ≤ 4 125 | ≤ 4 035 | ≤ 3 955 | ≤ 3 895 | ≤ 3 995 | ≤ 4 045 | ≤ 4 095 | ≤ 4 255 | | |
| UM | ≤ 12 735 | ≤ 12 475 | ≤ 12 235 | ≤ 12 055 | ≤ 12 375 | ≤ 12 535 | ≤ 12 695 | ≤ 13 205 | | |
| H | > 12 735 | > 12 475 | > 12 235 | > 12 055 | > 12 375 | > 12 535 | > 12 695 | > 13 205 | | |

From: World Bank Analytical Classification World Development Indicators GNI per capita in USD: <https://blogs.worldbank.org/team/world-bank-data-team>

4.6 Concentration of Producer Countries

The Herfindahl-Hirschman Index (HHI) is a commonly accepted and used 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 4 companies with shares of 50%, 30%, 15% and 5%, results in a HHI of $50^2+30^2+15^2+5^2=3\ 650$. 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 the United States markets, in which the HHI varies between 1 000 and 1 800 points, are considered to be moderately concentrated, and those in which the HHI is in excess of

1 800 points are considered to be concentrated. In the EU the threshold for concentrated markets is 2 000.

In chapter 6.5 the concentration of producer countries is calculated by the HHI similarly to the firms index (see fig. 3). To avoid misunderstandings with the “classical” HHI, the countries concentration index is named as ${}_{(mod)}HHI_{(ct)}$.

5 Data Capture

Data collection relating to mineral raw materials has been carried out through 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. Other official mining statistics, where publically available, have also been used; for example, data gathered by the BGS (World Mineral Production) and the USGS have proven very useful for cross-checks.

For the present publication the complete data set has been reviewed carefully. Despite a diligent search of all sources, there are some producing areas where data is unavailable. In such instances, careful estimates of production figures have been made.

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

Deadline for this report: February 28, 2023

Data received later than February 28, 2023 will be implemented in the next edition of this report.

Please send any remarks to:

wmd@bmf.gv.at

christian.reichl@bmf.gv.at

World Mining Data is also available on:

<https://www.bmf.gv.at/en/topics/mining/mineral-resources-policy/wmd.html>

<https://www.world-mining-data.info/>

Disclaimer:

World Mining Data is provided as a public service by the Federal Ministry of Finance (BMF). The information presented does not necessarily reflect the views of the BMF and as such is not an official record.

The BMF makes no guarantee, either express or implied, concerning the accuracy, completeness, or reliability of the information.

Charts

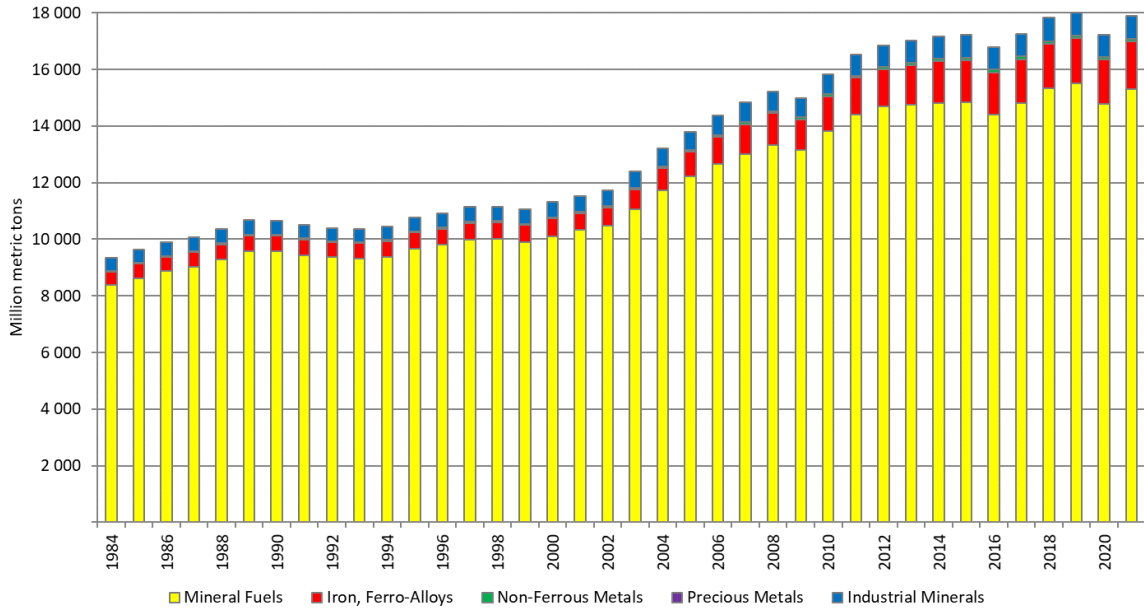


Fig. 1: World mining production 1984 - 2021 by groups of minerals (without construction minerals, in Million metr. t)

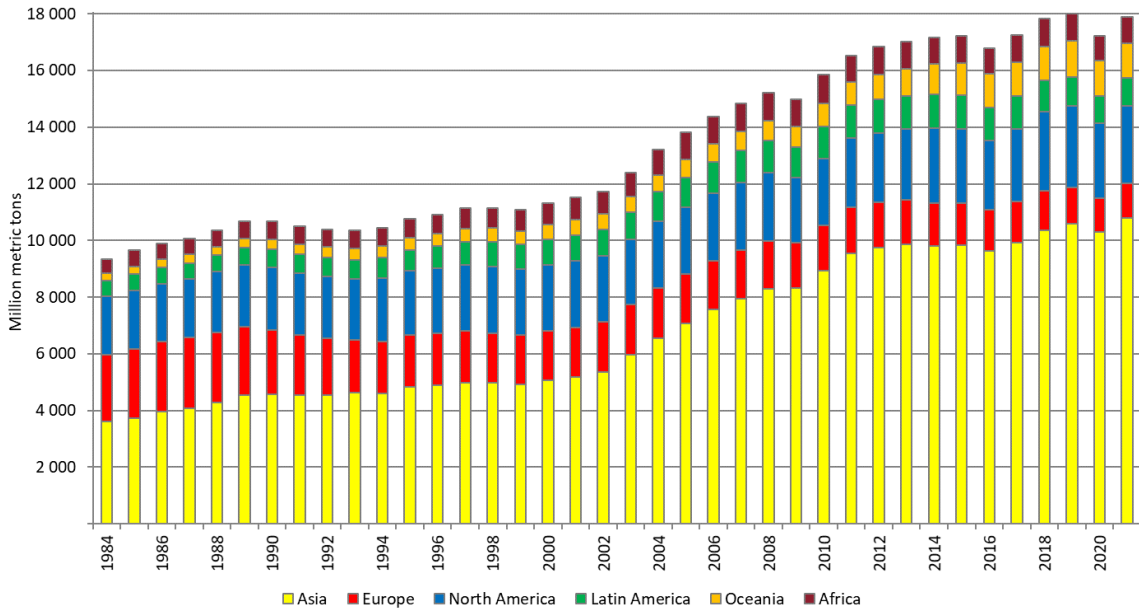


Fig. 2: World mining production 1984 - 2021 by continents (without construction minerals, in Million metr. t)

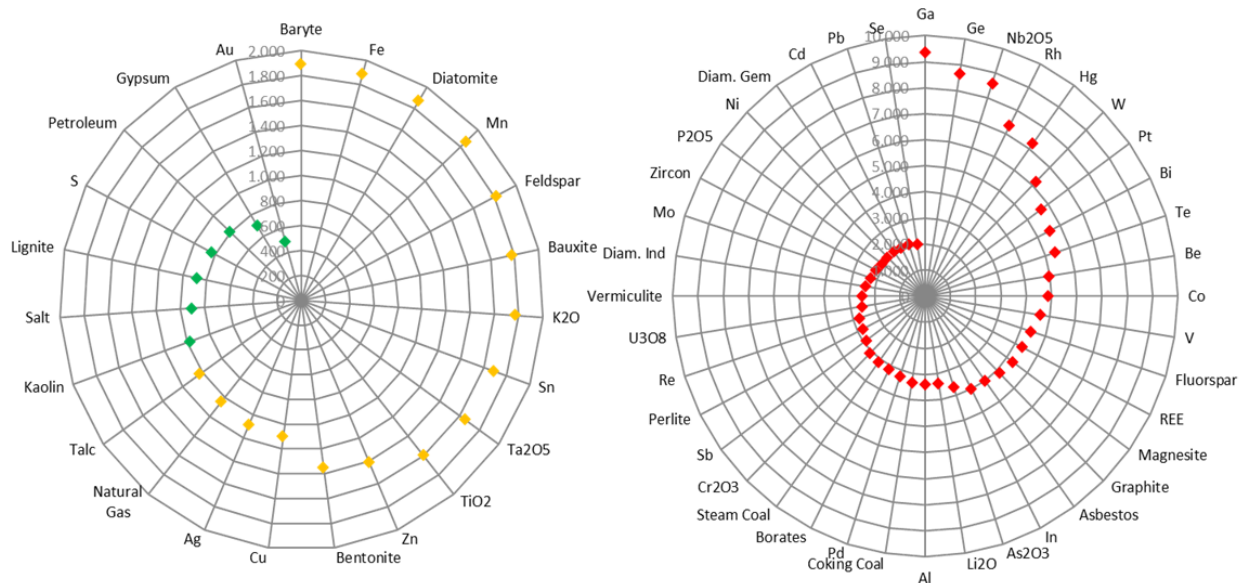


Fig. 3: Concentration of Producer Countries, Herfindahl-Hirschman Indices in 2021
 left figure: HHI < 2 000 (Country Concentration \diamond low, \diamond moderate)
 right figure: HHI > 2 000 (Country Concentration \diamond high)

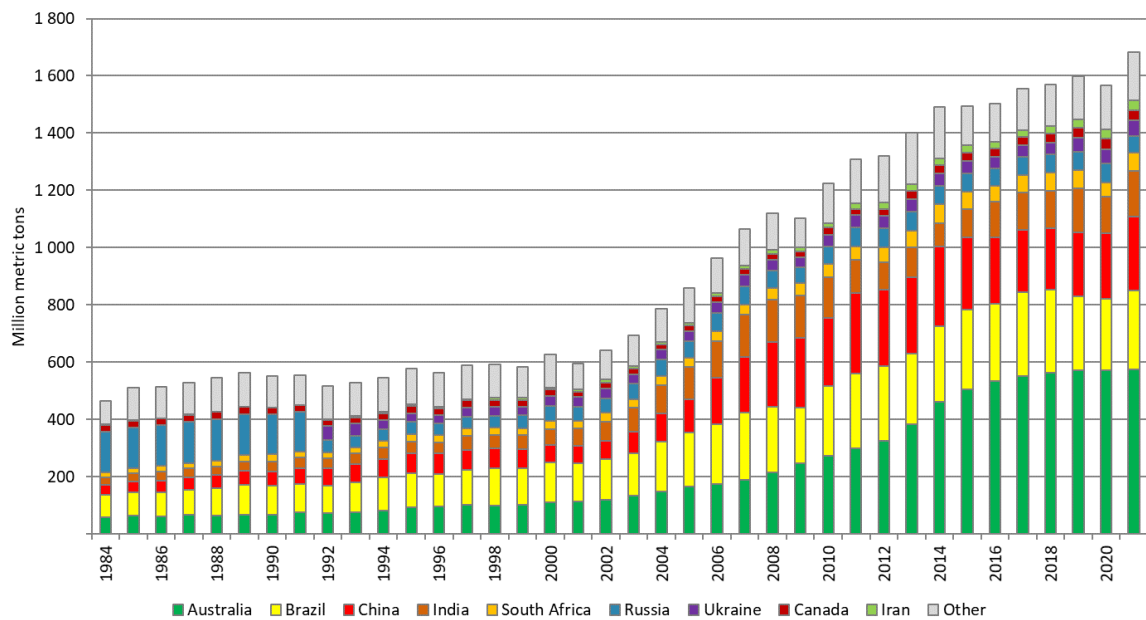


Fig. 4: World mining production 1984 - 2021 by groups of minerals: Iron and Ferro-Alloy Metals by largest producer countries (in Million metr. t)

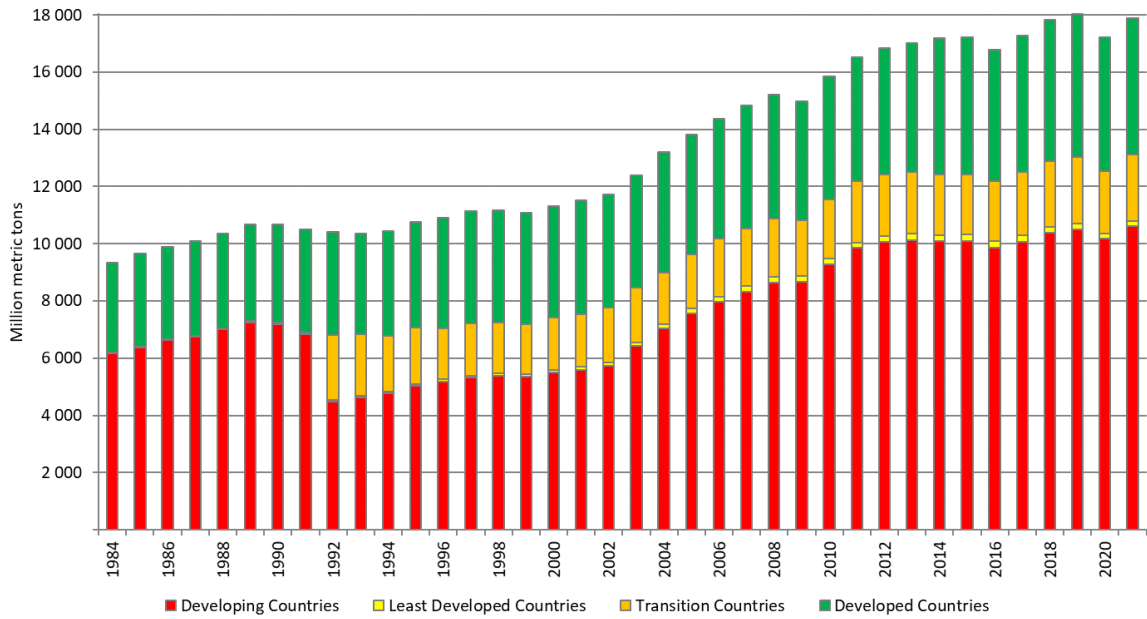


Fig. 5: World mining production 1984 - 2021 by development status of the producer countries (without construction minerals, in Million metr. t)

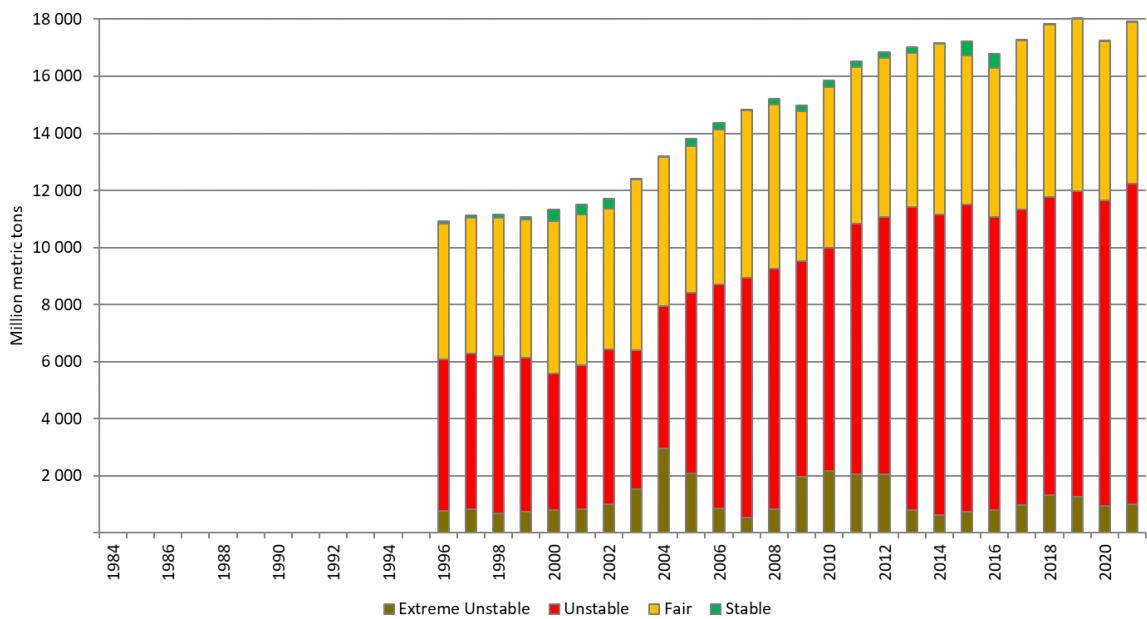


Fig. 6: World mining production 1984 - 2021 by political stability of the producer countries (without construction minerals, in Million metr. t)

Estimates of political stability of producer countries: WORLD BANK, Governance matters IX

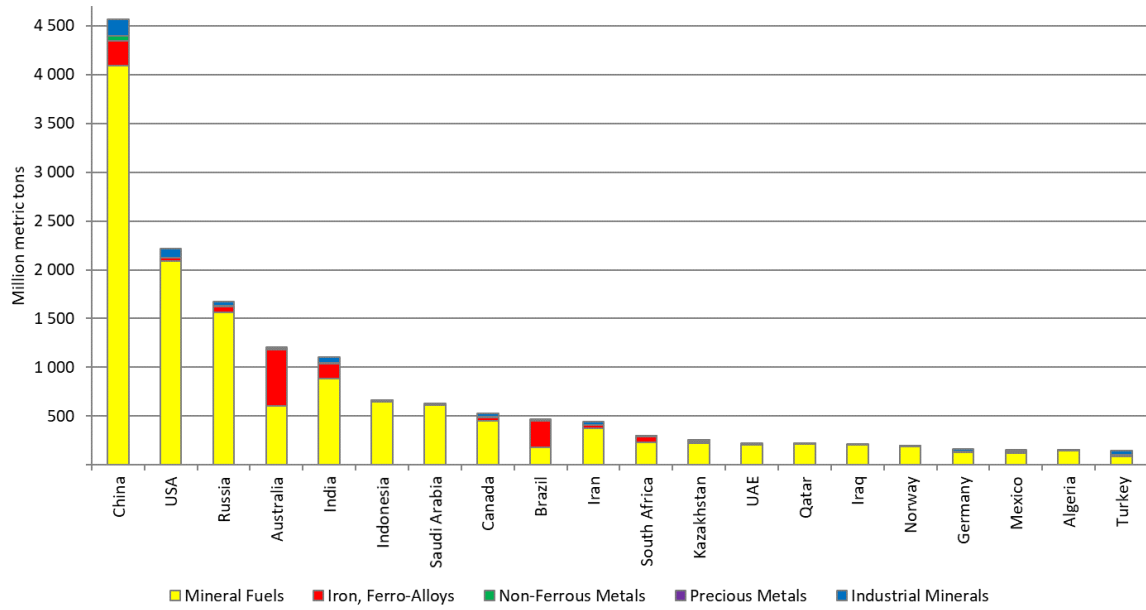


Fig. 7: 20 largest producer countries 2021 (without construction minerals, in Million metr. t)

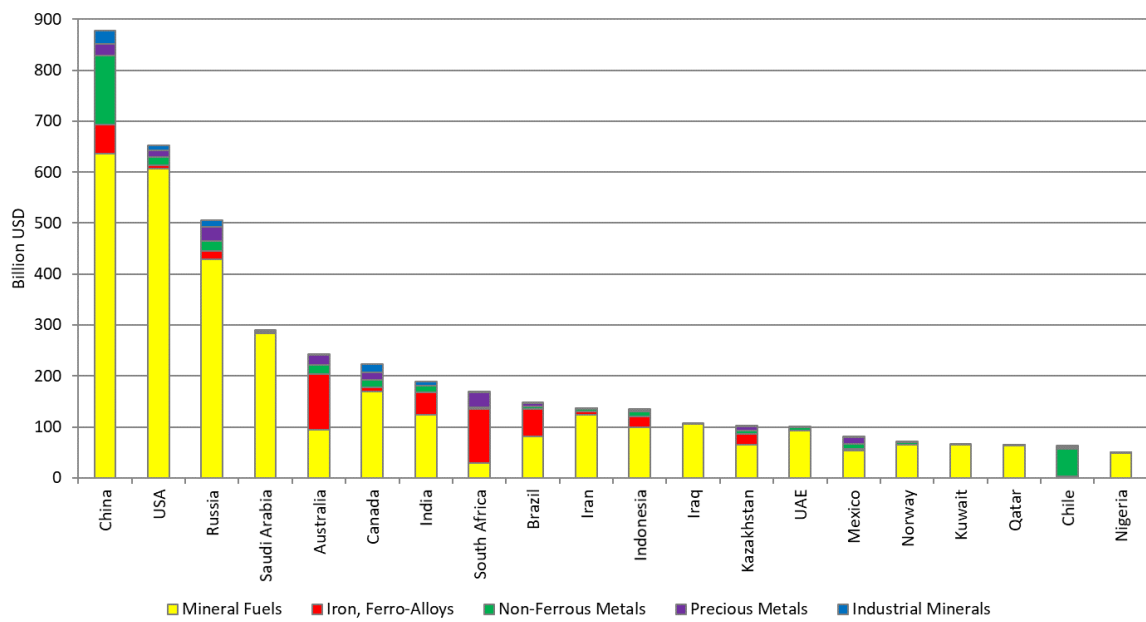


Fig. 8: 20 largest producer countries 2021 (without construction minerals, in Billion USD)

6 World Production of Mineral Raw Materials

6.1 Total World Production

6.1.1 Total Minerals Production, by Continents

| | (not including bauxite) in metr. t | | | | |
|---------------|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 1984 | 1985 | 1986 | 1987 | 1988 |
| Africa | 491 277 838 | 553 611 145 | 560 389 452 | 558 162 223 | 578 429 601 |
| Asia | 3 621 311 795 | 3 739 473 268 | 3 967 356 364 | 4 077 926 753 | 4 279 286 059 |
| Europe | 2 343 687 167 | 2 434 569 522 | 2 471 557 140 | 2 485 274 829 | 2 472 914 295 |
| Latin America | 562 918 109 | 566 395 211 | 573 958 486 | 563 610 024 | 591 044 007 |
| North America | 2 059 724 620 | 2 071 063 053 | 2 027 980 977 | 2 072 705 805 | 2 141 270 229 |
| Oceania | 254 010 287 | 280 261 932 | 292 796 449 | 322 233 565 | 304 067 006 |
| Total | 9 332 929 816 | 9 645 374 131 | 9 894 038 868 | 10 079 913 199 | 10 367 011 197 |
| | 1989 | 1990 | 1991 | 1992 | 1993 |
| Africa | 611 700 950 | 629 191 234 | 645 653 677 | 631 548 263 | 641 442 391 |
| Asia | 4 535 660 970 | 4 575 870 072 | 4 532 820 491 | 4 552 094 570 | 4 617 161 822 |
| Europe | 2 424 486 765 | 2 260 313 985 | 2 123 060 349 | 1 988 491 302 | 1 874 985 573 |
| Latin America | 613 513 369 | 646 514 806 | 663 144 692 | 670 905 309 | 686 940 025 |
| North America | 2 164 117 026 | 2 203 364 391 | 2 184 274 275 | 2 181 844 083 | 2 143 538 949 |
| Oceania | 332 116 920 | 347 898 842 | 362 385 522 | 374 707 983 | 386 115 067 |
| Total | 10 681 596 000 | 10 663 153 330 | 10 511 339 006 | 10 399 591 510 | 10 350 183 827 |
| | 1994 | 1995 | 1996 | 1997 | 1998 |
| Africa | 652 593 419 | 686 972 850 | 680 883 877 | 713 277 901 | 720 075 978 |
| Asia | 4 593 040 086 | 4 820 268 566 | 4 880 406 639 | 4 969 566 025 | 4 967 282 473 |
| Europe | 1 826 668 411 | 1 833 548 690 | 1 832 372 740 | 1 827 942 589 | 1 747 147 595 |
| Latin America | 720 466 025 | 746 479 446 | 777 575 760 | 814 134 583 | 887 199 743 |
| North America | 2 262 153 843 | 2 273 227 243 | 2 316 670 697 | 2 351 638 894 | 2 356 329 541 |
| Oceania | 392 630 850 | 415 408 333 | 429 772 081 | 462 884 590 | 477 138 947 |
| Total | 10 447 552 634 | 10 775 905 128 | 10 917 681 794 | 11 139 444 582 | 11 155 174 277 |

| | 1999 | 2000 | 2001 | 2002 | 2003 |
|---------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Africa | 732 165 377 | 765 733 161 | 773 456 477 | 781 715 961 | 833 951 331 |
| Asia | 4 929 839 618 | 5 051 128 647 | 5 170 247 983 | 5 355 794 087 | 5 970 984 174 |
| Europe | 1 721 201 321 | 1 755 973 081 | 1 753 407 523 | 1 777 355 518 | 1 778 623 013 |
| Latin America | 879 241 004 | 908 631 865 | 916 258 957 | 922 162 854 | 955 349 598 |
| North America | 2 327 927 155 | 2 324 941 284 | 2 357 596 851 | 2 322 570 961 | 2 283 577 245 |
| Oceania | 484 477 447 | 515 493 083 | 542 815 415 | 560 044 299 | 573 950 955 |
| Total | 11 074 851 922 | 11 321 901 121 | 11 513 783 206 | 11 719 643 680 | 12 396 436 316 |
| | 2004 | 2005 | 2006 | 2007 | 2008 |
| Africa | 890 333 467 | 944 557 106 | 957 844 493 | 975 719 824 | 996 725 521 |
| Asia | 6 538 112 535 | 7 069 404 045 | 7 554 008 909 | 7 955 646 173 | 8 290 139 389 |
| Europe | 1 788 545 139 | 1 749 879 233 | 1 728 775 009 | 1 717 633 543 | 1 700 370 530 |
| Latin America | 1 033 685 411 | 1 068 298 139 | 1 105 968 273 | 1 131 860 494 | 1 122 207 082 |
| North America | 2 355 162 356 | 2 343 744 813 | 2 381 080 452 | 2 371 567 898 | 2 403 886 981 |
| Oceania | 597 642 134 | 629 117 525 | 643 672 822 | 675 887 993 | 710 182 569 |
| Total | 13 203 481 042 | 13 805 000 861 | 14 371 349 958 | 14 828 315 925 | 15 223 512 072 |
| | 2009 | 2010 | 2011 | 2012 | 2013 |
| Africa | 963 712 118 | 1 009 671 531 | 929 029 242 | 995 271 415 | 965 281 735 |
| Asia | 8 324 937 462 | 8 921 790 786 | 9 530 704 600 | 9 736 632 318 | 9 858 894 781 |
| Europe | 1 606 084 844 | 1 621 739 125 | 1 638 512 869 | 1 618 131 898 | 1 574 048 804 |
| Latin America | 1 065 789 961 | 1 128 727 828 | 1 170 779 425 | 1 184 530 000 | 1 171 457 846 |
| North America | 2 295 422 815 | 2 355 466 902 | 2 432 757 654 | 2 440 184 070 | 2 494 737 892 |
| Oceania | 730 666 086 | 801 950 738 | 818 091 867 | 866 313 912 | 960 974 497 |
| Total | 14 986 613 286 | 15 839 346 910 | 16 519 875 657 | 16 841 063 613 | 17 025 395 555 |
| | 2014 | 2015 | 2016 | 2017 | 2018 |
| Africa | 947 167 188 | 940 173 705 | 914 921 521 | 962 927 752 | 975 823 188 |
| Asia | 9 803 335 402 | 9 820 601 800 | 9 639 168 360 | 9 907 381 544 | 10 350 201 462 |
| Europe | 1 509 058 627 | 1 487 186 048 | 1 449 203 754 | 1 458 765 377 | 1 417 652 999 |
| Latin America | 1 203 104 664 | 1 196 135 887 | 1 171 648 978 | 1 159 197 977 | 1 110 203 849 |
| North America | 2 644 933 240 | 2 632 654 028 | 2 444 041 926 | 2 576 204 452 | 2 767 142 806 |
| Oceania | 1 067 775 345 | 1 138 200 465 | 1 167 849 780 | 1 196 407 350 | 1 210 489 104 |
| Total | 17 175 374 466 | 17 214 951 933 | 16 786 834 319 | 17 260 884 452 | 17 831 513 408 |
| | 2019 | 2020 | 2021 | 2022 | 2023 |
| Africa | 983 718 193 | 891 827 710 | 933 736 448 | | |
| Asia | 10 590 686 886 | 10 303 432 479 | 10 803 723 087 | | |
| Europe | 1 277 179 094 | 1 174 117 284 | 1 212 291 826 | | |
| Latin America | 1 039 705 985 | 956 913 134 | 983 848 976 | | |
| North America | 2 866 382 131 | 2 652 404 762 | 2 742 224 818 | | |
| Oceania | 1 259 950 122 | 1 249 275 334 | 1 221 074 462 | | |
| Total | 18 017 622 411 | 17 227 970 703 | 17 896 899 617 | | |

6.1.2 Total Minerals Production, by World Regions (according to IIASA/UN)

(not including bauxite)

in metr. t

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|-------|----------------|----------------|----------------|----------------|----------------|
| CAS | 0 | 0 | 0 | 0 | 0 |
| CPA | 1 080 874 782 | 1 147 022 610 | 1 186 312 689 | 1 229 899 880 | 1 295 690 825 |
| EEU | 636 434 074 | 645 554 466 | 664 780 323 | 676 584 195 | 687 098 406 |
| FSU | 2 008 662 916 | 2 051 073 642 | 2 128 802 679 | 2 179 903 214 | 2 169 791 690 |
| LAM | 562 888 109 | 566 363 466 | 573 922 198 | 563 573 736 | 591 007 707 |
| MEA | 617 646 032 | 602 866 147 | 684 533 208 | 699 535 348 | 815 939 476 |
| NAF | 174 049 767 | 217 905 160 | 215 653 776 | 216 323 715 | 220 463 124 |
| NAM | 2 059 754 620 | 2 071 094 798 | 2 028 017 265 | 2 072 742 093 | 2 141 306 529 |
| PAO | 279 878 265 | 305 796 402 | 317 751 191 | 343 737 308 | 323 796 437 |
| PAS | 191 860 151 | 199 771 817 | 210 248 332 | 212 834 248 | 222 882 475 |
| SAS | 239 428 915 | 250 496 548 | 275 180 380 | 284 930 463 | 307 781 867 |
| SSA | 317 228 071 | 335 705 985 | 344 735 676 | 341 838 508 | 357 966 477 |
| WEU | 1 164 224 114 | 1 251 723 090 | 1 264 101 151 | 1 258 010 491 | 1 233 286 184 |
| Total | 9 332 929 816 | 9 645 374 131 | 9 894 038 868 | 10 079 913 199 | 10 367 011 197 |
| | 1989 | 1990 | 1991 | 1992 | 1993 |
| CAS | 0 | 0 | 0 | 278 896 061 | 261 685 653 |
| CPA | 1 386 721 186 | 1 419 909 262 | 1 440 822 996 | 1 478 667 364 | 1 528 180 835 |
| EEU | 663 945 884 | 594 929 160 | 568 068 077 | 527 688 425 | 481 370 927 |
| FSU | 2 177 826 838 | 2 108 198 188 | 1 970 059 731 | 1 482 944 278 | 1 407 816 504 |
| LAM | 613 477 069 | 646 478 806 | 663 108 692 | 670 868 309 | 686 903 025 |
| MEA | 913 189 412 | 932 910 023 | 922 324 208 | 1 028 328 290 | 1 077 885 738 |
| NAF | 230 573 878 | 250 061 489 | 260 688 687 | 249 164 947 | 247 976 735 |
| NAM | 2 164 153 326 | 2 203 400 391 | 2 184 310 275 | 2 181 881 083 | 2 143 575 949 |
| PAO | 350 718 282 | 364 676 182 | 379 144 108 | 388 882 686 | 396 034 077 |
| PAS | 236 864 923 | 247 065 328 | 269 264 299 | 280 970 870 | 295 649 284 |
| SAS | 321 613 319 | 344 310 203 | 366 070 717 | 373 570 728 | 384 199 829 |
| SSA | 381 127 072 | 379 129 745 | 384 964 990 | 382 383 316 | 393 465 656 |
| WEU | 1 241 384 811 | 1 172 084 553 | 1 102 512 226 | 1 075 345 153 | 1 045 439 615 |
| Total | 10 681 596 000 | 10 663 153 330 | 10 511 339 006 | 10 399 591 510 | 10 350 183 827 |
| | 1994 | 1995 | 1996 | 1997 | 1998 |
| CAS | 220 144 489 | 209 024 514 | 207 762 674 | 196 666 341 | 189 926 351 |
| CPA | 1 610 825 986 | 1 747 522 163 | 1 819 538 088 | 1 780 092 908 | 1 733 623 584 |
| EEU | 473 397 401 | 473 390 011 | 475 878 616 | 465 843 197 | 426 658 869 |
| FSU | 1 256 946 449 | 1 286 922 247 | 1 194 807 771 | 1 251 396 651 | 1 236 193 893 |
| LAM | 720 428 525 | 746 441 946 | 777 538 760 | 814 098 083 | 887 163 743 |
| MEA | 1 083 252 906 | 1 095 219 497 | 1 106 598 639 | 1 181 328 983 | 1 237 913 427 |
| NAF | 251 073 843 | 262 416 382 | 248 183 472 | 257 594 302 | 257 192 208 |
| NAM | 2 262 191 343 | 2 273 264 743 | 2 316 707 697 | 2 351 675 394 | 2 356 365 541 |
| PAO | 403 090 498 | 426 137 006 | 439 819 631 | 470 860 516 | 484 180 957 |
| PAS | 299 751 830 | 325 072 506 | 345 222 599 | 354 962 566 | 349 096 410 |
| SAS | 404 686 390 | 434 661 185 | 453 450 881 | 476 071 333 | 464 113 974 |
| SSA | 401 519 576 | 424 556 468 | 432 700 405 | 455 683 599 | 462 883 770 |
| WEU | 1 060 243 398 | 1 071 276 460 | 1 099 472 561 | 1 083 170 709 | 1 069 861 550 |
| Total | 10 447 552 634 | 10 775 905 128 | 10 917 681 794 | 11 139 444 582 | 11 155 174 277 |

| | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------|----------------|----------------|----------------|----------------|----------------|
| CAS | 193 706 481 | 226 432 590 | 247 773 722 | 260 744 996 | 279 344 945 |
| CPA | 1 668 947 828 | 1 664 434 707 | 1 720 144 645 | 1 870 093 489 | 2 261 640 548 |
| EEU | 405 146 760 | 418 950 400 | 421 696 895 | 414 317 871 | 415 186 873 |
| FSU | 1 221 889 847 | 1 244 468 946 | 1 245 374 547 | 1 298 774 135 | 1 352 606 566 |
| LAM | 879 205 004 | 908 631 865 | 916 258 957 | 922 162 854 | 955 349 598 |
| MEA | 1 230 015 392 | 1 309 455 652 | 1 315 170 315 | 1 268 525 741 | 1 376 116 140 |
| NAF | 274 893 639 | 291 278 229 | 292 003 404 | 295 825 223 | 323 298 425 |
| NAM | 2 327 963 155 | 2 324 941 284 | 2 357 596 851 | 2 322 570 961 | 2 283 577 245 |
| PAO | 491 972 708 | 523 604 770 | 552 323 332 | 565 875 177 | 580 217 768 |
| PAS | 363 765 792 | 360 158 440 | 376 225 284 | 389 342 271 | 414 650 548 |
| SAS | 484 445 067 | 503 113 142 | 524 386 470 | 555 615 559 | 595 343 890 |
| SSA | 457 271 738 | 474 454 932 | 481 453 073 | 485 890 738 | 510 652 906 |
| WEU | 1 075 628 511 | 1 071 976 164 | 1 063 375 711 | 1 069 904 665 | 1 048 450 864 |
| Total | 11 074 851 922 | 11 321 901 121 | 11 513 783 206 | 11 719 643 680 | 12 396 436 316 |
| | 2004 | 2005 | 2006 | 2007 | 2008 |
| CAS | 284 371 632 | 302 970 252 | 316 909 707 | 328 384 662 | 346 708 810 |
| CPA | 2 576 768 289 | 2 896 704 233 | 3 173 101 445 | 3 409 450 916 | 3 588 924 450 |
| EEU | 413 527 928 | 400 633 752 | 402 819 211 | 396 346 738 | 403 576 085 |
| FSU | 1 415 223 481 | 1 484 092 797 | 1 556 651 618 | 1 634 919 377 | 1 628 590 422 |
| LAM | 1 033 685 411 | 1 068 298 139 | 1 105 968 273 | 1 131 860 494 | 1 122 207 082 |
| MEA | 1 488 239 728 | 1 533 598 147 | 1 556 703 482 | 1 568 640 370 | 1 651 999 489 |
| NAF | 339 847 316 | 362 782 695 | 377 028 093 | 382 239 724 | 387 374 745 |
| NAM | 2 355 162 356 | 2 343 744 813 | 2 381 080 452 | 2 371 567 898 | 2 403 886 981 |
| PAO | 604 163 558 | 635 551 551 | 649 948 651 | 683 072 260 | 717 418 065 |
| PAS | 448 977 937 | 480 119 406 | 537 883 395 | 555 571 308 | 562 518 156 |
| SAS | 643 835 864 | 691 978 045 | 737 812 235 | 785 124 909 | 824 863 266 |
| SSA | 550 486 151 | 581 774 411 | 580 816 400 | 593 480 100 | 609 350 776 |
| WEU | 1 049 191 391 | 1 022 752 620 | 994 626 996 | 987 657 169 | 976 093 745 |
| Total | 13 203 481 042 | 13 805 000 861 | 14 371 349 958 | 14 828 315 925 | 15 223 512 072 |
| | 2009 | 2010 | 2011 | 2012 | 2013 |
| CAS | 318 617 571 | 338 471 845 | 361 658 083 | 371 210 481 | 370 440 153 |
| CPA | 3 691 362 985 | 4 007 881 522 | 4 358 888 169 | 4 427 754 535 | 4 522 239 615 |
| EEU | 381 261 225 | 378 598 610 | 408 545 344 | 398 179 554 | 376 852 952 |
| FSU | 1 552 186 383 | 1 660 776 235 | 1 707 793 556 | 1 722 979 641 | 1 720 981 457 |
| LAM | 1 065 789 961 | 1 128 727 828 | 1 170 779 425 | 1 184 530 000 | 1 171 457 846 |
| MEA | 1 570 797 617 | 1 680 725 599 | 1 819 424 670 | 1 861 463 539 | 1 857 727 819 |
| NAF | 367 604 086 | 371 797 046 | 297 616 352 | 340 316 664 | 308 387 628 |
| NAM | 2 295 422 815 | 2 355 466 902 | 2 432 757 654 | 2 440 184 070 | 2 494 737 892 |
| PAO | 737 714 161 | 808 912 417 | 824 536 100 | 872 752 518 | 967 163 482 |
| PAS | 607 783 754 | 662 179 127 | 743 666 102 | 809 207 315 | 835 900 144 |
| SAS | 887 883 635 | 891 533 102 | 877 403 823 | 878 380 623 | 890 370 909 |
| SSA | 596 108 032 | 637 874 485 | 631 412 890 | 654 954 751 | 656 894 107 |
| WEU | 914 081 061 | 916 402 192 | 885 393 489 | 879 149 922 | 852 241 551 |
| Total | 14 986 613 286 | 15 839 346 910 | 16 519 875 657 | 16 841 063 613 | 17 025 395 555 |

| | 2014 | 2015 | 2016 | 2017 | 2018 |
|--------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| CAS | 375 243 149 | 365 186 741 | 346 490 655 | 370 229 113 | 388 746 283 |
| CPA | 4 426 614 376 | 4 350 056 075 | 3 987 500 135 | 4 102 264 503 | 4 288 965 148 |
| EEU | 360 145 005 | 372 004 057 | 359 799 460 | 362 570 044 | 349 092 469 |
| FSU | 1 692 848 430 | 1 687 827 351 | 1 697 219 400 | 1 782 636 788 | 1 852 867 537 |
| LAM | 1 203 104 664 | 1 196 135 887 | 1 171 648 978 | 1 159 197 977 | 1 110 203 849 |
| MEA | 1 887 242 854 | 1 981 202 853 | 2 085 619 072 | 2 071 731 247 | 2 104 067 360 |
| NAF | 277 801 418 | 267 480 739 | 272 671 825 | 302 268 390 | 313 082 096 |
| NAM | 2 644 933 240 | 2 632 654 028 | 2 444 041 926 | 2 576 204 452 | 2 767 142 806 |
| PAO | 1 071 802 688 | 1 140 082 707 | 1 169 699 995 | 1 198 367 902 | 1 213 108 124 |
| PAS | 826 552 892 | 783 418 976 | 803 482 606 | 834 000 900 | 876 377 784 |
| SAS | 921 198 062 | 965 467 748 | 1 020 839 293 | 1 048 533 561 | 1 112 233 434 |
| SSA | 669 365 770 | 672 692 966 | 642 249 696 | 660 659 362 | 662 741 092 |
| WEU | 818 521 918 | 800 741 805 | 785 571 278 | 792 220 213 | 792 885 426 |
| Total | 17 175 374 466 | 17 214 951 933 | 16 786 834 319 | 17 260 884 452 | 17 831 513 408 |
| | 2019 | 2020 | 2021 | 2022 | 2023 |
| CAS | 385 909 098 | 366 837 014 | 387 730 113 | | |
| CPA | 4 455 494 687 | 4 506 544 846 | 4 715 302 438 | | |
| EEU | 330 961 228 | 290 977 387 | 304 640 402 | | |
| FSU | 1 870 879 562 | 1 746 281 618 | 1 863 979 611 | | |
| LAM | 1 039 705 985 | 956 913 134 | 983 848 976 | | |
| MEA | 2 048 841 603 | 1 956 288 310 | 1 999 352 636 | | |
| NAF | 318 382 526 | 267 538 884 | 331 279 472 | | |
| NAM | 2 866 382 131 | 2 652 404 762 | 2 742 224 818 | | |
| PAO | 1 261 912 582 | 1 250 822 882 | 1 222 622 855 | | |
| PAS | 929 091 334 | 868 611 305 | 869 625 609 | | |
| SAS | 1 124 514 042 | 1 070 965 838 | 1 176 647 813 | | |
| SSA | 665 335 667 | 624 288 826 | 602 456 976 | | |
| WEU | 720 211 966 | 669 495 897 | 697 187 898 | | |
| Total | 18 017 622 411 | 17 227 970 703 | 17 896 899 617 | | |

6.1.3 Total Minerals Production, by Development Status of Producer Countries

(not including bauxite)
in metr. t

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|--------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|
| Developed C. | 3 149 213 568 | 3 248 042 606 | 3 221 526 218 | 3 287 603 881 | 3 317 831 500 |
| Transition C. | 0 | 0 | 0 | 0 | 0 |
| Developing C. | 6 159 602 914 | 6 375 829 605 | 6 639 234 821 | 6 755 555 590 | 7 002 264 892 |
| Least Developed C. | 24 113 334 | 21 501 920 | 33 277 829 | 36 753 728 | 46 914 805 |
| Total | 9 332 929 816 | 9 645 374 131 | 9 894 038 868 | 10 079 913 199 | 10 367 011 197 |

| | 1989 | 1990 | 1991 | 1992 | 1993 |
|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Developed C. | 3 372 372 850 | 3 415 864 741 | 3 605 216 660 | 3 578 620 438 | 3 525 046 456 |
| Transition C. | 0 | 0 | 7 001 748 | 2 288 481 585 | 2 149 919 544 |
| Developing C. | 7 255 130 175 | 7 190 516 931 | 6 845 319 296 | 4 478 000 553 | 4 619 740 025 |
| Least Developed C. | 54 092 975 | 56 771 658 | 53 801 302 | 54 488 934 | 55 477 802 |
| Total | 10 681 596 000 | 10 663 153 330 | 10 511 339 006 | 10 399 591 510 | 10 350 183 827 |
| | 1994 | 1995 | 1996 | 1997 | 1998 |
| Developed C. | 3 658 030 769 | 3 701 646 668 | 3 867 182 258 | 3 911 530 283 | 3 901 447 762 |
| Transition C. | 1 950 488 339 | 1 969 336 772 | 1 798 379 745 | 1 836 494 053 | 1 781 242 793 |
| Developing C. | 4 775 365 117 | 5 031 257 725 | 5 175 105 513 | 5 312 027 496 | 5 389 931 117 |
| Least Developed C. | 63 668 409 | 73 663 963 | 77 014 278 | 79 392 750 | 82 552 605 |
| Total | 10 447 552 634 | 10 775 905 128 | 10 917 681 794 | 11 139 444 582 | 11 155 174 277 |
| | 1999 | 2000 | 2001 | 2002 | 2003 |
| Developed C. | 3 880 033 363 | 3 917 626 648 | 3 974 382 743 | 3 961 772 614 | 3 918 787 749 |
| Transition C. | 1 755 536 975 | 1 818 097 949 | 1 842 215 826 | 1 905 777 640 | 1 934 426 788 |
| Developing C. | 5 343 956 118 | 5 486 077 228 | 5 587 000 473 | 5 730 320 141 | 6 418 526 073 |
| Least Developed C. | 95 325 466 | 100 099 296 | 110 184 164 | 121 773 285 | 124 695 706 |
| Total | 11 074 851 922 | 11 321 901 121 | 11 513 783 206 | 11 719 643 680 | 12 396 436 316 |
| | 2004 | 2005 | 2006 | 2007 | 2008 |
| Developed C. | 4 213 973 929 | 4 188 952 460 | 4 198 055 591 | 4 291 566 644 | 4 338 797 589 |
| Transition C. | 1 802 283 074 | 1 882 771 158 | 2 015 867 999 | 2 009 697 099 | 2 033 621 653 |
| Developing C. | 7 039 196 306 | 7 560 589 275 | 7 980 373 944 | 8 332 444 079 | 8 645 683 241 |
| Least Developed C. | 148 027 733 | 172 687 968 | 177 052 424 | 194 608 103 | 205 409 589 |
| Total | 13 203 481 042 | 13 805 000 861 | 14 371 349 958 | 14 828 315 925 | 15 223 512 072 |
| | 2009 | 2010 | 2011 | 2012 | 2013 |
| Developed C. | 4 176 663 057 | 4 300 208 586 | 4 345 319 058 | 4 423 730 170 | 4 532 722 142 |
| Transition C. | 1 928 739 106 | 2 054 118 280 | 2 130 566 401 | 2 150 354 227 | 2 143 251 590 |
| Developing C. | 8 679 492 242 | 9 275 125 082 | 9 847 231 502 | 10 070 050 939 | 10 134 915 213 |
| Least Developed C. | 201 718 881 | 209 894 962 | 196 758 696 | 196 928 277 | 214 506 610 |
| Total | 14 986 613 286 | 15 839 346 910 | 16 519 875 657 | 16 841 063 613 | 17 025 395 555 |
| | 2014 | 2015 | 2016 | 2017 | 2018 |
| Developed C. | 4 755 357 650 | 4 797 551 484 | 4 596 341 941 | 4 768 330 729 | 4 947 555 925 |
| Transition C. | 2 109 749 306 | 2 104 585 622 | 2 100 685 971 | 2 204 838 470 | 2 291 211 269 |
| Developing C. | 10 090 931 685 | 10 101 432 966 | 9 873 347 731 | 10 068 030 637 | 10 390 300 965 |
| Least Developed C. | 219 335 825 | 211 381 861 | 216 458 676 | 219 684 616 | 202 445 249 |
| Total | 17 175 374 466 | 17 214 951 933 | 16 786 834 319 | 17 260 884 452 | 17 831 513 408 |
| | 2019 | 2020 | 2021 | 2022 | 2023 |
| Developed C. | 5 000 081 563 | 4 690 104 043 | 4 788 901 311 | | |
| Transition C. | 2 313 535 708 | 2 173 496 501 | 2 309 188 999 | | |
| Developing C. | 10 506 428 062 | 10 178 826 103 | 10 616 224 094 | | |
| Least Developed C. | 197 577 078 | 185 544 056 | 182 585 213 | | |
| Total | 18 017 622 411 | 17 227 970 703 | 17 896 899 617 | | |

6.1.4 Total Minerals Production, by Country Groups and Economic Blocks

(not including bauxite)
in metr. t

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|-------------|---------------|---------------|---------------|---------------|---------------|
| ACP | 140 716 271 | 151 949 530 | 154 004 089 | 152 731 687 | 160 849 315 |
| ASEAN | 160 417 272 | 167 109 416 | 176 498 545 | 179 491 698 | 189 624 040 |
| BRICS | 0 | 0 | 0 | 0 | 0 |
| CPE | 1 081 847 083 | 1 148 153 791 | 1 187 484 674 | 1 231 117 592 | 1 296 654 410 |
| EC | 667 433 246 | 724 285 498 | 778 526 057 | 765 918 701 | 741 105 727 |
| EFTA | 86 501 629 | 90 794 412 | 94 085 678 | 101 824 013 | 108 301 907 |
| G7 | 2 631 523 836 | 2 690 779 307 | 2 651 279 886 | 2 678 929 345 | 2 727 616 585 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 0 | 0 | 0 | 0 | 0 |
| OECD | 3 186 091 963 | 3 293 324 653 | 3 275 412 465 | 3 341 472 804 | 3 364 611 874 |
| SADC | 17 935 614 | 18 448 131 | 22 266 329 | 27 368 846 | 32 221 336 |
| | 1989 | 1990 | 1991 | 1992 | 1993 |
| ACP | 183 831 380 | 183 003 894 | 189 058 026 | 196 916 158 | 195 773 537 |
| ASEAN | 207 122 705 | 222 096 617 | 246 758 858 | 258 532 954 | 271 523 978 |
| BRICS | 0 | 0 | 0 | 0 | 0 |
| CPE | 1 387 686 508 | 1 420 981 827 | 1 441 606 223 | 1 479 769 606 | 1 529 405 170 |
| EC | 726 811 162 | 713 212 294 | 899 802 813 | 848 963 697 | 820 492 751 |
| EFTA | 127 328 938 | 131 079 908 | 138 682 527 | 155 402 174 | 161 077 230 |
| G7 | 2 719 956 270 | 2 746 702 086 | 2 906 700 415 | 2 852 393 720 | 2 782 019 540 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 0 | 0 | 0 | 0 | 0 |
| OECD | 3 433 609 010 | 3 474 450 475 | 3 665 834 154 | 3 645 967 109 | 3 584 901 605 |
| SADC | 32 532 417 | 34 481 813 | 34 374 885 | 36 256 605 | 33 922 716 |
| | 1994 | 1995 | 1996 | 1997 | 1998 |
| ACP | 193 517 244 | 202 500 957 | 212 517 124 | 218 599 890 | 480 286 475 |
| ASEAN | 278 632 414 | 323 124 810 | 346 336 893 | 361 326 482 | 360 371 902 |
| BRICS | 0 | 0 | 0 | 0 | 0 |
| CPE | 1 612 268 258 | 1 749 177 103 | 1 821 212 913 | 1 781 742 497 | 1 735 596 249 |
| EC | 810 422 706 | 830 631 556 | 835 014 310 | 810 193 130 | 793 392 866 |
| EFTA | 178 119 640 | 167 198 965 | 191 230 993 | 196 755 754 | 190 974 345 |
| G7 | 2 890 864 001 | 2 905 879 615 | 2 944 282 748 | 2 959 745 223 | 4 026 600 474 |
| MERCOSUR | 0 | 237 744 912 | 241 754 188 | 258 158 580 | 276 046 988 |
| NAFTA/USMCA | 2 471 519 210 | 2 479 037 674 | 2 539 711 961 | 2 580 709 852 | 2 593 191 794 |
| OECD | 3 934 697 616 | 4 054 480 852 | 4 401 741 949 | 4 453 322 458 | 4 435 701 420 |
| SADC | 257 535 416 | 277 796 119 | 281 762 373 | 299 455 912 | 304 739 026 |

| | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------------|---------------|---------------|---------------|---------------|---------------|
| ACP | 481 367 798 | 506 054 757 | 513 198 714 | 523 640 619 | 556 103 671 |
| ASEAN | 377 113 262 | 377 104 718 | 397 866 605 | 414 935 396 | 444 204 441 |
| BRICS | 0 | 0 | 3 451 167 909 | 3 694 041 059 | 4 178 820 953 |
| CPE | 1 671 544 919 | 1 667 680 499 | 1 723 512 951 | 1 874 392 063 | 2 266 139 859 |
| EC | 795 356 622 | 786 159 755 | 774 671 132 | 782 355 532 | 759 900 398 |
| EFTA | 194 749 270 | 206 691 249 | 212 922 426 | 218 397 044 | 221 357 270 |
| G7 | 3 990 479 133 | 3 987 937 488 | 4 006 251 222 | 4 016 333 569 | 4 010 573 889 |
| MERCOSUR | 282 748 724 | 305 879 670 | 301 536 799 | 318 735 895 | 332 243 088 |
| NAFTA/USMCA | 2 559 448 246 | 2 558 431 251 | 2 593 370 345 | 2 558 828 271 | 2 532 086 511 |
| OECD | 4 401 668 065 | 4 433 484 070 | 4 488 644 900 | 4 465 626 674 | 4 436 022 529 |
| SADC | 305 753 050 | 305 765 038 | 307 466 314 | 319 218 257 | 328 807 074 |
| | 2004 | 2005 | 2006 | 2007 | 2008 |
| ACP | 599 412 463 | 632 512 679 | 648 443 044 | 665 359 788 | 679 606 288 |
| ASEAN | 492 731 179 | 529 611 096 | 591 312 077 | 612 391 011 | 616 303 293 |
| BRICS | 4 612 848 255 | 5 045 888 677 | 5 436 683 402 | 5 810 738 805 | 6 019 544 331 |
| CPE | 2 580 696 285 | 2 900 180 890 | 3 176 703 257 | 3 412 691 115 | 3 592 419 686 |
| EC | 1 041 340 682 | 1 002 525 360 | 966 282 239 | 1 030 585 249 | 1 006 918 511 |
| EFTA | 223 187 755 | 214 901 567 | 208 170 789 | 200 006 268 | 203 721 928 |
| G7 | 4 127 325 296 | 4 146 823 017 | 4 216 918 915 | 4 265 534 274 | 4 266 652 349 |
| MERCOSUR | 361 091 110 | 384 188 065 | 628 913 827 | 652 236 026 | 646 652 940 |
| NAFTA/USMCA | 2 607 837 537 | 2 598 634 254 | 2 633 342 309 | 2 620 247 444 | 2 636 651 391 |
| OECD | 4 532 312 682 | 4 522 752 028 | 4 539 468 357 | 4 540 633 576 | 4 576 253 709 |
| SADC | 341 465 580 | 365 950 912 | 367 087 253 | 384 621 611 | 403 968 407 |
| | 2009 | 2010 | 2011 | 2012 | 2013 |
| ACP | 667 046 315 | 710 013 789 | 693 754 618 | 705 599 155 | 709 027 619 |
| ASEAN | 669 148 945 | 725 237 317 | 808 541 996 | 871 646 181 | 898 891 900 |
| BRICS | 6 076 129 645 | 6 536 173 481 | 6 925 035 098 | 7 329 924 164 | 7 422 619 423 |
| CPE | 3 694 151 041 | 4 010 804 745 | 4 361 661 139 | 4 430 421 348 | 4 524 283 678 |
| EC | 937 470 944 | 935 845 478 | 939 073 765 | 917 634 268 | 883 152 009 |
| EFTA | 200 145 508 | 193 287 487 | 182 613 943 | 187 123 786 | 179 012 688 |
| G7 | 4 063 970 879 | 4 211 410 300 | 4 313 813 143 | 4 320 057 786 | 4 356 376 221 |
| MERCOSUR | 594 891 174 | 640 389 557 | 653 339 655 | 655 377 112 | 635 772 996 |
| NAFTA/USMCA | 2 519 249 757 | 2 581 823 945 | 2 659 873 455 | 2 670 956 435 | 2 724 273 183 |
| OECD | 4 401 840 074 | 4 589 226 421 | 4 666 818 077 | 4 718 346 703 | 4 837 543 877 |
| SADC | 397 770 207 | 412 907 945 | 405 408 384 | 424 111 445 | 430 077 075 |
| | 2014 | 2015 | 2016 | 2017 | 2018 |
| ACP | 721 543 668 | 723 952 281 | 689 158 923 | 707 443 628 | 709 413 922 |
| ASEAN | 887 945 476 | 850 296 057 | 871 995 075 | 902 123 306 | 951 785 172 |
| BRICS | 7 385 435 128 | 7 377 055 040 | 7 053 442 259 | 7 325 134 898 | 7 633 730 504 |
| CPE | 4 429 043 431 | 4 348 091 516 | 3 977 278 165 | 4 091 589 518 | 4 275 604 630 |
| EC | 848 791 698 | 826 240 213 | 781 160 970 | 788 515 949 | 769 036 000 |
| EFTA | 180 353 090 | 189 222 630 | 190 505 921 | 194 038 527 | 186 758 101 |
| G7 | 3 003 904 422 | 2 987 034 485 | 2 784 010 009 | 2 912 846 436 | 3 102 483 220 |
| MERCOSUR | 663 919 488 | 686 405 815 | 678 372 999 | 686 051 933 | 642 929 150 |
| NAFTA/USMCA | 2 867 107 764 | 2 831 965 728 | 2 637 908 828 | 2 753 004 152 | 2 939 568 803 |
| OECD | 5 048 238 414 | 5 058 914 738 | 4 867 473 020 | 5 018 997 056 | 5 216 435 122 |
| SADC | 442 007 447 | 435 502 216 | 424 072 269 | 438 470 785 | 436 281 571 |

| | 2019 | 2020 | 2021 | 2022 | 2023 |
|-------------|---------------|---------------|---------------|------|------|
| ACP | 712 733 623 | 670 169 805 | 645 635 027 | | |
| ASEAN | 1 008 308 081 | 940 946 941 | 945 076 332 | | |
| BRICS | 7 796 018 473 | 7 664 765 090 | 8 106 898 175 | | |
| CPE | 4 442 575 797 | 4 493 604 281 | 4 700 397 911 | | |
| EC | 684 674 531 | 584 297 620 | 536 134 523 | | |
| EFTA | 175 993 707 | 187 611 012 | 192 120 698 | | |
| G7 | 3 160 624 295 | 2 912 521 839 | 3 011 809 376 | | |
| MERCOSUR | 586 146 214 | 552 977 488 | 584 847 994 | | |
| NAFTA/USMCA | 3 026 560 372 | 2 810 594 832 | 2 895 119 692 | | |
| OECD | 5 257 185 381 | 5 061 491 018 | 5 153 583 204 | | |
| SADC | 428 209 780 | 396 694 599 | 389 162 789 | | |

6.1.5 Total Minerals Production, by Political Stability of Producer Countries

(not including bauxite)
in metr. t

| | 1996 | 1997 | 1998 | 1999 | 2000 |
|------------------|----------------|----------------|----------------|----------------|----------------|
| Stable | 93 988 822 | 86 660 123 | 104 515 654 | 101 407 295 | 386 194 631 |
| Fair | 4 742 799 162 | 4 761 233 104 | 4 860 047 942 | 4 849 751 962 | 5 358 541 544 |
| Unstable | 5 313 386 963 | 5 474 066 157 | 5 518 639 931 | 5 381 947 067 | 4 795 681 500 |
| Extreme Unstable | 767 506 847 | 817 485 198 | 671 970 750 | 741 745 598 | 781 483 446 |
| Total | 10 917 681 794 | 11 139 444 582 | 11 155 174 277 | 11 074 851 922 | 11 321 901 121 |
| | 2001 | 2002 | 2003 | 2004 | 2005 |
| Stable | 355 190 957 | 349 875 134 | 19 963 414 | 49 270 953 | 244 902 434 |
| Fair | 5 297 186 974 | 4 945 559 276 | 5 964 849 270 | 5 213 389 979 | 5 135 760 264 |
| Unstable | 5 042 971 666 | 5 419 165 416 | 4 873 746 055 | 4 978 182 501 | 6 330 954 094 |
| Extreme Unstable | 818 433 609 | 1 005 043 854 | 1 537 877 577 | 2 962 637 609 | 2 093 384 069 |
| Total | 11 513 783 206 | 11 719 643 680 | 12 396 436 316 | 13 203 481 042 | 13 805 000 861 |
| | 2006 | 2007 | 2008 | 2009 | 2010 |
| Stable | 237 915 847 | 25 179 583 | 209 989 308 | 218 606 014 | 212 765 789 |
| Fair | 5 421 816 562 | 5 880 254 649 | 5 741 158 830 | 5 241 732 293 | 5 629 649 398 |
| Unstable | 7 846 146 953 | 8 385 166 759 | 8 437 378 169 | 7 563 978 004 | 7 837 327 172 |
| Extreme Unstable | 865 470 596 | 537 714 934 | 834 985 765 | 1 962 296 975 | 2 159 604 551 |
| Total | 14 371 349 958 | 14 828 315 925 | 15 223 512 072 | 14 986 613 286 | 15 839 346 910 |
| | 2011 | 2012 | 2013 | 2014 | 2015 |
| Stable | 195 904 880 | 205 993 312 | 198 571 422 | 36 777 495 | 484 595 097 |
| Fair | 5 501 520 014 | 5 577 358 836 | 5 399 010 163 | 5 988 261 503 | 5 211 913 999 |
| Unstable | 8 779 955 672 | 9 005 667 849 | 10 624 609 581 | 10 532 296 196 | 10 785 776 574 |
| Extreme Unstable | 2 042 495 091 | 2 052 043 616 | 803 204 389 | 618 039 272 | 732 666 263 |
| Total | 16 519 875 657 | 16 841 063 613 | 17 025 395 555 | 17 175 374 466 | 17 214 951 933 |

| | 2016 | 2017 | 2018 | 2019 | 2020 |
|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Stable | 487 963 172 | 12 593 796 | 11 969 925 | 11 761 733 | 10 830 290 |
| Fair | 5 233 965 192 | 5 910 122 085 | 6 050 188 645 | 6022780067 | 5568427190 |
| Unstable | 10 273 656 250 | 10 378 518 511 | 10 450 433 330 | 10713780843 | 10695070871 |
| Extreme Unstable | 791 249 705 | 959 650 060 | 1 318 921 508 | 1269299768 | 953642352 |
| Total | 16 786 834 319 | 17 260 884 452 | 17 831 513 408 | 18 017 622 411 | 17 227 970 703 |
| | 2021 | 2022 | 2023 | 2024 | 2025 |
| Stable | 10 253 891 | | | | |
| Fair | 5 657 068 330 | | | | |
| Unstable | 11 226 981 638 | | | | |
| Extreme Unstable | 1 002 595 758 | | | | |
| Total | 17 896 899 617 | | | | |

6.1.6 Total Minerals Production, by Groups of Commodities

(not including bauxite)
in metr. t

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Iron and Ferro-Alloys | 463 653 286 | 510 052 413 | 514 514 946 | 527 743 082 | 545 104 841 |
| Non-Ferrous Metals | 35 084 585 | 35 280 131 | 35 134 266 | 36 715 179 | 37 771 629 |
| Precious Metals | 14 609 | 15 039 | 14 972 | 15 754 | 16 744 |
| Industrial Minerals | 460 034 310 | 468 017 624 | 478 274 132 | 493 253 351 | 505 107 009 |
| Mineral Fuels | 8 374 143 026 | 8 632 008 924 | 8 866 100 552 | 9 022 185 833 | 9 279 010 974 |
| Total | 9 332 929 816 | 9 645 374 131 | 9 894 038 868 | 10 079 913 199 | 10 367 011 197 |
| | 1989 | 1990 | 1991 | 1992 | 1993 |
| Iron and Ferro-Alloys | 563 035 654 | 553 138 430 | 554 426 795 | 518 351 544 | 527 354 970 |
| Non-Ferrous Metals | 39 457 040 | 39 158 801 | 39 133 368 | 39 714 334 | 39 121 393 |
| Precious Metals | 17 189 | 17 418 | 17 000 | 17 352 | 16 581 |
| Industrial Minerals | 508 179 916 | 495 266 552 | 473 973 296 | 466 022 788 | 453 542 362 |
| Mineral Fuels | 9 570 906 201 | 9 575 572 129 | 9 443 788 547 | 9 375 485 492 | 9 330 148 521 |
| Total | 10 681 596 000 | 10 663 153 330 | 10 511 339 006 | 10 399 591 510 | 10 350 183 827 |
| | 1994 | 1995 | 1996 | 1997 | 1998 |
| Iron and Ferro-Alloys | 546 473 894 | 577 003 628 | 564 412 774 | 590 662 477 | 593 354 759 |
| Non-Ferrous Metals | 38 758 449 | 40 425 344 | 42 593 880 | 44 044 133 | 45 872 155 |
| Precious Metals | 15 937 | 16 863 | 17 370 | 18 567 | 19 575 |
| Industrial Minerals | 476 448 258 | 493 200 047 | 501 553 390 | 518 080 782 | 504 542 436 |
| Mineral Fuels | 9 385 856 096 | 9 665 259 246 | 9 809 104 380 | 9 986 638 623 | 10 011 385 352 |
| Total | 10 447 552 634 | 10 775 905 128 | 10 917 681 794 | 11 139 444 582 | 11 155 174 277 |

| | 1999 | 2000 | 2001 | 2002 | 2003 |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Iron and Ferro-Alloys | 582 302 931 | 627 277 484 | 596 561 401 | 642 377 488 | 692 928 163 |
| Non-Ferrous Metals | 47 973 981 | 49 999 012 | 50 557 341 | 51 770 272 | 54 904 665 |
| Precious Metals | 19 871 | 21 041 | 21 628 | 21 769 | 21 737 |
| Industrial Minerals | 532 629 932 | 539 434 881 | 537 057 554 | 542 008 604 | 589 890 476 |
| Mineral Fuels | 9 911 925 207 | 10 105 168 703 | 10 329 585 282 | 10 483 465 547 | 11 058 691 275 |
| Total | 11 074 851 922 | 11 321 901 121 | 11 513 783 206 | 11 719 643 680 | 12 396 436 316 |
| | 2004 | 2005 | 2006 | 2007 | 2008 |
| Iron and Ferro-Alloys | 787 207 372 | 858 612 467 | 963 127 912 | 1 064 353 923 | 1 120 984 014 |
| Non-Ferrous Metals | 57 518 485 | 60 526 878 | 63 650 568 | 68 904 072 | 71 643 411 |
| Precious Metals | 22 637 | 23 216 | 22 932 | 23 447 | 24 044 |
| Industrial Minerals | 633 680 934 | 656 649 518 | 679 234 001 | 693 078 079 | 700 313 424 |
| Mineral Fuels | 11 725 051 614 | 12 229 188 782 | 12 665 314 545 | 13 001 956 404 | 13 330 547 179 |
| Total | 13 203 481 042 | 13 805 000 861 | 14 371 349 958 | 14 828 315 925 | 15 223 512 072 |
| | 2009 | 2010 | 2011 | 2012 | 2013 |
| Iron and Ferro-Alloys | 1 103 080 437 | 1 224 004 013 | 1 308 602 816 | 1 320 724 158 | 1 401 844 672 |
| Non-Ferrous Metals | 68 786 771 | 74 867 975 | 78 343 726 | 85 356 312 | 90 051 397 |
| Precious Metals | 25 518 | 26 727 | 26 914 | 28 217 | 29 533 |
| Industrial Minerals | 673 755 493 | 712 674 005 | 740 569 092 | 752 882 753 | 781 216 623 |
| Mineral Fuels | 13 140 965 067 | 13 827 774 190 | 14 392 333 109 | 14 682 072 173 | 14 752 253 330 |
| Total | 14 986 613 286 | 15 839 346 910 | 16 519 875 657 | 16 841 063 613 | 17 025 395 555 |
| | 2014 | 2015 | 2016 | 2017 | 2018 |
| Iron and Ferro-Alloys | 1 490 632 046 | 1 494 789 495 | 1 502 945 334 | 1 554 609 380 | 1 570 009 096 |
| Non-Ferrous Metals | 92 253 381 | 96 193 095 | 96 906 145 | 98 050 174 | 102 977 508 |
| Precious Metals | 30 686 | 31 861 | 31 902 | 30 800 | 31 652 |
| Industrial Minerals | 785 081 500 | 790 281 214 | 791 316 050 | 802 011 255 | 825 014 143 |
| Mineral Fuels | 14 807 376 853 | 14 833 656 268 | 14 395 634 888 | 14 806 182 843 | 15 333 481 009 |
| Total | 17 175 374 466 | 17 214 951 933 | 16 786 834 319 | 17 260 884 452 | 17 831 513 408 |
| | 2019 | 2020 | 2021 | 2022 | 2023 |
| Iron and Ferro-Alloys | 1 599 612 882 | 1 567 412 575 | 1 682 971 493 | | |
| Non-Ferrous Metals | 102 815 267 | 104 563 805 | 107 665 438 | | |
| Precious Metals | 31 845 | 29 930 | 29 604 | | |
| Industrial Minerals | 810 856 834 | 781 511 602 | 809 971 978 | | |
| Mineral Fuels | 15 504 305 583 | 14 774 452 791 | 15296261104 | | |
| Total | 18 017 622 411 | 17 227 970 703 | 17896899617 | | |

6.1.7 Mineral Fuels

6.1.7.1 Total Production in metr. t

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|---------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Steam Coal | 2 533 847 298 | 2 657 655 703 | 2 736 201 444 | 2 807 598 921 | 2 875 175 476 |
| Coking Coal | 576 335 300 | 581 727 250 | 588 503 000 | 591 240 000 | 623 772 000 |
| Lignite | 1 116 926 583 | 1 169 139 745 | 1 198 670 590 | 1 221 212 296 | 1 189 135 195 |
| Petroleum Total | 2 769 993 046 | 2 793 543 482 | 2 886 611 912 | 2 882 336 628 | 3 006 733 425 |
| Petroleum Oil Sands | 8 347 400 | 10 814 300 | 13 852 000 | 14 766 100 | 16 470 800 |
| Natural Gas | 1 344 622 400 | 1 397 570 400 | 1 424 738 400 | 1 489 236 000 | 1 555 657 600 |
| Oil Shales | 32 357 240 | 32 310 047 | 31 310 014 | 30 492 137 | 28 466 360 |
| Uranium | 61 159 | 62 297 | 65 192 | 69 851 | 70 918 |
| Total | 8 374 143 026 | 8 632 008 924 | 8 866 100 552 | 9 022 185 833 | 9 279 010 974 |
| | 1989 | 1990 | 1991 | 1992 | 1993 |
| Steam Coal | 2 946 751 117 | 2 966 282 356 | 2 930 112 414 | 2 950 616 811 | 2 882 685 358 |
| Coking Coal | 623 715 700 | 637 815 000 | 600 629 000 | 526 685 580 | 511 572 000 |
| Lignite | 1 257 275 539 | 1 165 582 805 | 1 080 729 202 | 1 014 076 878 | 957 904 090 |
| Petroleum Total | 3 104 331 760 | 3 149 671 237 | 3 147 685 027 | 3 196 071 169 | 3 218 379 949 |
| Petroleum Oil Sands | 17 980 000 | 18 510 800 | 18 777 200 | 19 617 900 | 20 237 800 |
| Natural Gas | 1 610 295 200 | 1 629 505 600 | 1 658 865 600 | 1 663 157 600 | 1 733 213 600 |
| Oil Shales | 28 468 938 | 26 655 905 | 25 718 314 | 24 835 014 | 26 355 156 |
| Uranium | 67 947 | 59 226 | 48 990 | 42 440 | 38 368 |
| Total | 9 570 906 201 | 9 575 572 129 | 9 443 788 547 | 9 375 485 492 | 9 330 148 521 |
| | 1994 | 1995 | 1996 | 1997 | 1998 |
| Steam Coal | 3 011 660 645 | 3 147 120 817 | 3 256 100 430 | 3 273 956 374 | 3 225 017 149 |
| Coking Coal | 522 679 000 | 551 083 000 | 520 918 000 | 529 874 000 | 495 575 000 |
| Lignite | 920 213 062 | 904 348 282 | 882 773 312 | 883 849 311 | 861 735 746 |
| Petroleum Total | 3 189 910 583 | 3 251 473 414 | 3 274 753 153 | 3 406 937 738 | 3 509 675 999 |
| Petroleum Oil Sands | 21 344 000 | 23 031 100 | 23 962 800 | 28 400 500 | 31 770 100 |
| Natural Gas | 1 719 076 800 | 1 794 533 600 | 1 857 552 800 | 1 874 728 000 | 1 904 060 000 |
| Oil Shales | 22 278 784 | 16 659 899 | 16 965 358 | 17 251 305 | 15 281 589 |
| Uranium | 37 222 | 40 234 | 41 327 | 41 895 | 39 869 |
| Total | 9 385 856 096 | 9 665 259 246 | 9 809 104 380 | 9 986 638 623 | 10 011 385 352 |
| | 1999 | 2000 | 2001 | 2002 | 2003 |
| Steam Coal | 3 163 284 905 | 3 169 221 186 | 3 335 095 533 | 3 440 490 303 | 3 791 073 723 |
| Coking Coal | 480 835 000 | 475 326 000 | 475 450 000 | 478 070 000 | 527 816 120 |
| Lignite | 848 370 347 | 862 776 576 | 890 548 501 | 891 817 623 | 878 293 662 |
| Petroleum Total | 3 449 855 456 | 3 581 515 235 | 3 580 719 066 | 3 561 490 820 | 3 702 073 702 |
| Petroleum Oil Sands | 33 866 500 | 44 441 000 | 50 443 100 | 63 151 600 | 66 369 900 |
| Natural Gas | 1 956 240 800 | 2 002 115 200 | 2 033 502 400 | 2 096 815 200 | 2 142 354 400 |
| Oil Shales | 13 301 711 | 14 172 936 | 14 227 015 | 14 739 077 | 17 037 785 |
| Uranium | 36 988 | 41 570 | 42 767 | 42 524 | 41 883 |
| Total | 9 911 925 207 | 10 105 168 703 | 10 329 585 282 | 10 483 465 547 | 11 058 691 275 |

| | 2004 | 2005 | 2006 | 2007 | 2008 |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Steam Coal | 4 127 007 942 | 4 387 272 606 | 4 664 879 497 | 4 848 257 117 | 5 018 892 543 |
| Coking Coal | 600 995 201 | 680 609 428 | 716 826 531 | 794 213 709 | 801 224 094 |
| Lignite | 894 070 195 | 934 846 769 | 949 111 979 | 957 520 005 | 983 195 678 |
| Petroleum Total | 3 886 173 188 | 3 937 443 890 | 3 962 183 873 | 3 944 129 480 | 3 984 767 351 |
| Petroleum Oil Sands | 83 717 200 | 80 995 800 | 90 087 100 | 94 861 200 | 95 744 700 |
| Natural Gas | 2 200 730 400 | 2 272 442 400 | 2 356 186 400 | 2 439 281 600 | 2 524 384 000 |
| Oil Shales | 16 027 336 | 16 524 485 | 16 079 794 | 18 505 726 | 18 031 734 |
| Uranium | 47 352 | 49 204 | 46 471 | 48 767 | 51 779 |
| Total | 11 725 051 614 | 12 229 188 782 | 12 665 314 545 | 13 001 956 404 | 13 330 547 179 |
| | 2009 | 2010 | 2011 | 2012 | 2013 |
| Steam Coal | 5 148 155 149 | 5 397 763 695 | 5 743 171 410 | 5 854 777 988 | 5 894 706 486 |
| Coking Coal | 824 599 040 | 943 566 350 | 1 018 552 520 | 1 025 682 310 | 1 084 780 600 |
| Lignite | 833 407 466 | 847 584 916 | 891 323 386 | 894 761 867 | 856 633 855 |
| Petroleum Total | 3 880 424 897 | 3 972 550 377 | 4 005 961 272 | 4 112 368 047 | 4 125 733 300 |
| Petroleum Oil Sands | 102 879 100 | 110 453 500 | 116 257 300 | 129 172 900 | 135 662 800 |
| Natural Gas | 2 438 430 400 | 2 647 440 800 | 2 713 756 000 | 2 774 710 400 | 2 768 952 800 |
| Oil Shales | 15 888 442 | 18 805 092 | 19 505 132 | 19 701 365 | 21 375 653 |
| Uranium | 59 673 | 62 960 | 63 389 | 70 196 | 70 636 |
| Total | 13 140 965 067 | 13 827 774 190 | 14 392 333 109 | 14 682 072 173 | 14 752 253 330 |
| | 2014 | 2015 | 2016 | 2017 | 2018 |
| Steam Coal | 5 820 055 359 | 5 668 110 299 | 5 243 275 026 | 5 531 843 735 | 5 832 247 979 |
| Coking Coal | 1 118 855 146 | 1 090 745 410 | 1 048 119 557 | 1 022 714 054 | 1 032 969 261 |
| Lignite | 818 200 727 | 820 582 221 | 814 324 735 | 820 800 439 | 800 482 271 |
| Petroleum Total | 4 201 657 817 | 4 361 196 453 | 4 384 524 486 | 4 387 148 840 | 4 487 781 435 |
| Petroleum Oil Sands | 135 882 800 | 158 197 900 | 159 356 500 | 169 006 100 | 176 864 600 |
| Natural Gas | 2 826 640 800 | 2 872 443 200 | 2 888 634 400 | 3 021 070 400 | 3 157 141 600 |
| Oil Shales | 21 899 496 | 20 506 638 | 16 682 046 | 22 534 973 | 22 794 380 |
| Uranium | 67 508 | 72 047 | 74 638 | 70 402 | 64 083 |
| Total | 14 807 376 853 | 14 833 656 268 | 14 395 634 888 | 14 806 182 843 | 15 333 481 009 |
| | 2019 | 2020 | 2021 | 2022 | 2023 |
| Steam Coal | 5 958 338 079 | 5 724 048 030 | 5 967 292 267 | | |
| Coking Coal | 1 056 251 596 | 1 035 840 063 | 1 056 173 086 | | |
| Lignite | 734 494 823 | 637 137 537 | 687 108 149 | | |
| Petroleum Total | 4 486 614 813 | 4 195 820 549 | 4 250 303 021 | | |
| Petroleum Oil Sands | 176 766 200 | 167 943 300 | 182 022 400 | | |
| Natural Gas | 3 251 913 600 | 3 168 496 000 | 3 322 653 600 | | |
| Oil Shales | 16 628 394 | 13 054 894 | 12 674 826 | | |
| Uranium | 64 278 | 55 718 | 56 155 | | |
| Total | 15 504 305 583 | 14 774 452 791 | 15 296 261 104 | | |

6.1.7.2 Total Production in tons of coal equivalent (TCE)

| | 1984 | 1985 | 1986 | 1987 | 1988 |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Steam Coal | 1 984 545 701 | 2 079 192 762 | 2 141 039 784 | 2 196 329 711 | 2 242 644 959 |
| Coking Coal | 439 443 133 | 444 515 598 | 447 335 300 | 449 367 430 | 475 163 000 |
| Lignite | 360 814 032 | 378 669 882 | 388 743 522 | 396 852 134 | 387 609 598 |
| Petroleum Total | 3 955 550 070 | 3 989 180 092 | 4 122 081 810 | 4 115 976 705 | 4 293 615 331 |
| Petroleum Oil Sands | 11 920 087 | 15 442 820 | 19 780 656 | 21 085 991 | 23 520 302 |
| Natural Gas | 1 820 618 730 | 1 892 310 322 | 1 929 095 794 | 2 016 425 544 | 2 106 360 390 |
| Oil Shales | 9 804 244 | 9 789 944 | 9 486 934 | 9 239 118 | 8 625 307 |
| Uranium | 1 009 123 500 | 1 027 900 500 | 1 075 668 000 | 1 152 541 500 | 1 170 147 000 |
| Total | 9 579 899 410 | 9 821 559 100 | 10 113 451 144 | 10 336 732 142 | 10 684 165 585 |
| | 1989 | 1990 | 1991 | 1992 | 1993 |
| Steam Coal | 2 297 280 349 | 2 315 215 405 | 2 288 562 315 | 2 317 552 470 | 2 258 599 130 |
| Coking Coal | 476 202 417 | 491 603 770 | 464 654 390 | 420 806 373 | 410 518 480 |
| Lignite | 408 804 798 | 380 691 779 | 351 909 015 | 350 948 625 | 329 597 560 |
| Petroleum Total | 4 432 985 753 | 4 497 730 526 | 4 494 894 219 | 4 563 989 629 | 4 595 846 567 |
| Petroleum Oil Sands | 25 675 440 | 26 433 422 | 26 813 842 | 28 014 361 | 28 899 578 |
| Natural Gas | 2 180 339 701 | 2 206 350 582 | 2 246 104 022 | 2 251 915 390 | 2 346 771 214 |
| Oil Shales | 8 626 088 | 8 076 739 | 7 792 649 | 7 525 009 | 7 985 612 |
| Uranium | 1 121 125 500 | 977 229 000 | 808 335 000 | 700 260 000 | 633 072 000 |
| Total | 10 925 364 606 | 10 876 897 801 | 10 662 251 610 | 10 612 997 496 | 10 582 390 563 |
| | 1994 | 1995 | 1996 | 1997 | 1998 |
| Steam Coal | 2 358 469 294 | 2 464 103 157 | 2 546 357 455 | 2 565 416 915 | 2 533 580 943 |
| Coking Coal | 421 238 500 | 440 288 110 | 418 180 290 | 425 195 980 | 397 855 170 |
| Lignite | 315 782 790 | 312 043 680 | 301 350 828 | 303 744 060 | 292 480 864 |
| Petroleum Total | 4 555 192 313 | 4 643 104 035 | 4 676 347 502 | 4 865 107 090 | 5 011 817 327 |
| Petroleum Oil Sands | 30 479 232 | 32 888 411 | 34 218 878 | 40 555 914 | 45 367 703 |
| Natural Gas | 2 327 629 987 | 2 429 798 494 | 2 515 126 491 | 2 538 381 712 | 2 578 097 240 |
| Oil Shales | 6 750 472 | 5 047 949 | 5 140 503 | 5 227 145 | 4 630 321 |
| Uranium | 614 163 000 | 663 861 000 | 681 895 500 | 691 267 500 | 657 838 500 |
| Total | 10 599 226 356 | 10 958 246 425 | 11 144 398 569 | 11 394 340 402 | 11 476 300 365 |
| | 1999 | 2000 | 2001 | 2002 | 2003 |
| Steam Coal | 2 485 286 615 | 2 486 362 511 | 2 617 453 259 | 2 690 425 262 | 2 940 149 416 |
| Coking Coal | 387 598 740 | 382 944 550 | 382 572 830 | 382 254 240 | 419 362 296 |
| Lignite | 289 654 797 | 293 377 469 | 303 758 682 | 302 211 847 | 297 611 763 |
| Petroleum Total | 4 926 393 591 | 5 114 403 756 | 5 113 266 826 | 5 085 808 891 | 5 286 561 246 |
| Petroleum Oil Sands | 48 361 362 | 63 461 748 | 72 032 747 | 90 180 485 | 94 776 217 |
| Natural Gas | 2 648 750 043 | 2 710 863 981 | 2 753 362 250 | 2 839 087 781 | 2 900 747 858 |
| Oil Shales | 4 030 418 | 4 294 400 | 4 310 786 | 4 465 940 | 5 162 449 |
| Uranium | 610 302 000 | 685 905 000 | 705 655 500 | 701 646 000 | 691 069 500 |
| Total | 11 352 016 204 | 11 678 151 667 | 11 880 380 133 | 12 005 899 961 | 12 540 664 528 |

| | 2004 | 2005 | 2006 | 2007 | 2008 |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Steam Coal | 3 192 583 057 | 3 384 032 805 | 3 584 539 581 | 3 714 753 241 | 3 837 647 360 |
| Coking Coal | 473 987 057 | 533 191 273 | 557 593 175 | 618 648 219 | 624 698 083 |
| Lignite | 304 057 870 | 319 852 059 | 326 631 993 | 329 756 850 | 339 373 308 |
| Petroleum Total | 5 549 455 312 | 5 622 669 875 | 5 657 998 571 | 5 632 216 897 | 5 690 247 777 |
| Petroleum Oil Sands | 119 548 162 | 115 662 002 | 128 644 379 | 135 461 794 | 136 723 432 |
| Natural Gas | 2 979 788 962 | 3 076 887 010 | 3 190 276 386 | 3 302 787 286 | 3 418 015 936 |
| Oil Shales | 4 856 283 | 5 006 919 | 4 872 178 | 5 607 235 | 5 463 615 |
| Uranium | 781 308 000 | 811 866 000 | 766 771 500 | 804 655 500 | 854 353 500 |
| Total | 13 286 036 541 | 13 753 505 941 | 14 088 683 384 | 14 408 425 228 | 14 769 799 579 |
| | 2009 | 2010 | 2011 | 2012 | 2013 |
| Steam Coal | 3 921 037 917 | 4 093 694 167 | 4 340 393 395 | 4 411 200 248 | 4 436 292 606 |
| Coking Coal | 635 657 384 | 732 783 510 | 785 922 232 | 791 664 822 | 836 729 076 |
| Lignite | 280 791 804 | 288 408 437 | 303 452 261 | 302 947 507 | 289 922 083 |
| Petroleum Total | 5 541 246 753 | 5 672 801 938 | 5 720 512 696 | 5 872 461 571 | 5 891 547 152 |
| Petroleum Oil Sands | 146 911 355 | 157 727 598 | 166 015 424 | 184 458 901 | 193 726 478 |
| Natural Gas | 3 301 634 762 | 3 584 634 843 | 3 674 425 624 | 3 756 957 882 | 3 749 162 091 |
| Oil Shales | 4 814 198 | 5 697 943 | 5 910 055 | 5 969 514 | 6 476 823 |
| Uranium | 984 604 500 | 1 038 840 000 | 1 045 918 500 | 1 158 234 000 | 1 165 494 000 |
| Total | 14 669 787 318 | 15 416 860 838 | 15 876 534 763 | 16 299 435 544 | 16 375 623 831 |
| | 2014 | 2015 | 2016 | 2017 | 2018 |
| Steam Coal | 4 389 774 731 | 4 271 411 939 | 3 944 351 852 | 4 154 974 673 | 4 364 844 242 |
| Coking Coal | 864 214 794 | 844 124 892 | 812 581 204 | 798 688 055 | 805 374 578 |
| Lignite | 278 440 353 | 280 122 416 | 279 424 269 | 280 914 207 | 273 269 323 |
| Petroleum Total | 5 999 967 363 | 6 227 788 535 | 6 261 100 966 | 6 264 848 544 | 6 408 551 889 |
| Petroleum Oil Sands | 194 040 638 | 225 906 601 | 227 561 082 | 241 340 711 | 252 562 649 |
| Natural Gas | 3 827 271 643 | 3 889 288 093 | 3 911 210 978 | 4 090 529 322 | 4 274 769 726 |
| Oil Shales | 6 635 547 | 6 213 511 | 5 054 660 | 6 828 097 | 6 906 697 |
| Uranium | 1 113 882 000 | 1 188 775 500 | 1 231 527 000 | 1 161 633 000 | 1 057 369 500 |
| Total | 16 480 186 431 | 16 707 724 886 | 16 445 250 929 | 16 758 415 898 | 17 191 085 955 |
| | 2019 | 2020 | 2021 | 2022 | 2023 |
| Steam Coal | 4 448 276 411 | 4 250 424 799 | 4 424 898 987 | | |
| Coking Coal | 822 431 664 | 803 321 887 | 817 418 790 | | |
| Lignite | 253 428 156 | 222 773 467 | 239 886 786 | | |
| Petroleum Total | 6 406 885 953 | 5 991 631 744 | 6 069 432 714 | | |
| Petroleum Oil Sands | 252 422 134 | 239 823 032 | 259 927 987 | | |
| Natural Gas | 4 403 091 014 | 4 290 143 584 | 4 498 872 974 | | |
| Oil Shales | 5 038 403 | 3 955 633 | 3 840 472 | | |
| Uranium | 1 060 587 000 | 919 347 000 | 926 557 500 | | |
| Total | 17 399 738 601 | 16 481 598 114 | 16 980 908 223 | | |

6.1.8 Total Minerals Production 2021, by Country

6.1.8.1 by Production in metr. t

| Country | Total (incl. Bauxite) | Iron, Ferro-Alloys | Non-Ferrous Metals | Precious Metals | Industrial Minerals | Mineral Fuels |
|----------------------|--------------------------|-----------------------|-----------------------|--------------------|------------------------|---------------|
| China | 4 639 063 663 | 259 466 140 | 46 919 355 | 3 845 | 174 314 400 | 4 089 959 923 |
| United States | 2 216 667 393 | 30 260 150 | 3 177 483 | 1 225 | 91 339 426 | 2 091 889 109 |
| Russia | 1 676 162 754 | 59 782 705 | 5 388 230 | 1 700 | 37 565 412 | 1 566 859 707 |
| Australia | 1 309 620 617 | 575 173 171 | 4 302 853 | 1 637 | 19 445 978 | 607 430 574 |
| India | 1 124 985 677 | 159 168 500 | 5 048 520 | 648 | 56 400 057 | 881 874 005 |
| Indonesia | 683 946 744 | 4 515 300 | 987 618 | 369 | 3 535 830 | 649 126 440 |
| Saudi Arabia | 635 880 724 | 288 700 | 1 096 805 | 19 | 16 741 000 | 612 266 200 |
| Canada | 525 557 425 | 35 657 088 | 4 060 598 | 570 | 33 369 582 | 452 469 587 |
| Brazil | 504 344 435 | 274 447 385 | 1 295 508 | 174 | 16 526 806 | 176 124 962 |
| Iran | 440 056 520 | 35 170 570 | 1 128 487 | 57 | 25 595 366 | 377 278 090 |
| South Africa | 295 750 194 | 63 153 896 | 967 316 | 389 | 3 042 789 | 228 585 804 |
| Kazakhstan | 256 471 197 | 18 140 980 | 1 123 952 | 1 120 | 7 192 816 | 225 642 229 |
| United Arab Emirates | 217 949 470 | 0 | 2 577 680 | 0 | 5 396 000 | 209 975 790 |
| Qatar | 213 903 100 | 0 | 634 270 | 0 | 2 100 000 | 211 168 830 |
| Iraq | 209 987 370 | 0 | 0 | 0 | 1 674 000 | 208 313 370 |
| Norway | 190 587 141 | 1 353 461 | 1 431 390 | 0 | 284 890 | 187 517 400 |
| Germany | 166 021 812 | 87 500 | 510 003 | 6 | 32 334 091 | 133 090 212 |
| Mexico | 152 894 874 | 11 036 879 | 1 750 933 | 6 243 | 16 582 899 | 123 517 920 |
| Algeria | 146 226 100 | 416 000 | 500 | 0 | 3 580 000 | 142 229 600 |
| Turkey | 146 025 073 | 11 070 630 | 459 070 | 202 | 42 188 709 | 89 541 589 |
| Kuwait | 135 203 800 | 0 | 0 | 0 | 1 019 000 | 134 184 800 |
| Nigeria | 121 204 122 | 24 004 | 84 630 | 2 | 155 757 | 120 939 729 |
| Poland | 120 475 308 | 740 | 421 094 | 1 304 | 7 944 250 | 112 107 920 |
| Ukraine | 107 706 664 | 53 572 500 | 5 | 0 | 6 485 623 | 47 648 536 |
| Colombia | 100 511 247 | 375 751 | 9 194 | 84 | 884 214 | 99 238 804 |
| Oman | 93 045 398 | 199 300 | 395 360 | 0 | 13 377 238 | 79 073 500 |
| Guinea | 88 577 859 | 1 139 200 | 0 | 102 | 0 | 0 |
| Malaysia | 87 314 603 | 3 365 191 | 904 223 | 3 | 398 693 | 82 598 916 |
| Egypt | 87 211 573 | 278 000 | 270 000 | 13 | 2 823 000 | 83 840 560 |
| Turkmenistan | 78 694 400 | 0 | 0 | 0 | 715 000 | 77 979 400 |
| United Kingdom | 72 833 604 | 0 | 37 700 | 0 | 4 528 634 | 68 267 270 |
| Libya | 72 671 900 | 0 | 0 | 0 | 370 000 | 72 301 900 |
| Vietnam | 72 293 535 | 2 476 705 | 69 002 | 1 | 2 271 827 | 63 376 000 |
| Thailand | 63 226 444 | 201 544 | 220 | 0 | 13 488 967 | 49 535 713 |
| Azerbaijan | 61 339 990 | 0 | 33 649 | 12 | 663 629 | 60 642 700 |
| Argentina | 61 311 038 | 0 | 374 395 | 880 | 2 593 263 | 58 342 500 |
| Angola | 59 249 702 | 37 610 | 0 | 0 | 232 602 | 58 979 490 |
| Venezuela | 55 129 791 | 1 462 500 | 38 340 | 9 | 850 000 | 52 756 942 |
| Uzbekistan | 51 218 149 | 1 307 | 221 569 | 312 | 811 510 | 50 183 451 |
| Pakistan | 49 539 305 | 362 260 | 61 507 | 0 | 7 048 433 | 41 969 610 |
| Peru | 38 272 415 | 12 192 495 | 4 145 061 | 3 407 | 6 734 670 | 15 196 782 |
| Serbia | 37 936 712 | 0 | 138 794 | 17 | 255 469 | 37 542 432 |
| Czech Republic | 36 148 788 | 0 | 0 | 0 | 4 191 000 | 31 957 788 |
| Mongolia | 35 792 151 | 5 139 355 | 353 380 | 98 | 757 049 | 29 542 269 |
| Bulgaria | 32 991 531 | 0 | 143 696 | 49 | 4 336 000 | 28 511 786 |
| Romania | 30 868 485 | 6 600 | 303 429 | 19 | 2 356 003 | 28 202 434 |
| Chile | 30 640 449 | 11 212 721 | 5 718 276 | 1 417 | 12 559 514 | 1 148 521 |
| Bahrain | 25 371 452 | 0 | 1 561 222 | 0 | 130 000 | 23 680 230 |
| Trinidad and Tobago | 23 992 900 | 0 | 0 | 0 | 0 | 23 992 900 |
| Ecuador | 23 848 409 | 0 | 89 170 | 39 | 1 000 | 23 758 200 |

| | | | | | | |
|--------------------|------------|------------|-----------|-------|------------|------------|
| Netherlands | 23 379 796 | 0 | 47 554 | 0 | 6 120 742 | 17 211 500 |
| Bangladesh | 23 004 563 | 0 | 0 | 0 | 1 651 000 | 21 353 563 |
| Spain | 22 598 020 | 37 241 | 429 640 | 83 | 22 094 871 | 36 185 |
| Korea, North | 22 335 360 | 1 600 150 | 55 150 | 60 | 680 000 | 20 000 000 |
| Sweden | 20 850 677 | 19 964 200 | 514 039 | 438 | 372 000 | 0 |
| Philippines | 18 893 849 | 448 349 | 51 786 | 56 | 785 390 | 17 608 268 |
| Laos | 18 249 046 | 2 113 560 | 45 049 | 36 | 1 773 808 | 14 316 593 |
| Greece | 17 514 628 | 6 170 | 209 169 | 47 | 3 928 216 | 12 143 528 |
| Israel | 17 310 905 | 0 | 0 | 0 | 3 416 900 | 13 894 005 |
| Mozambique | 16 916 427 | 1 126 889 | 565 086 | 1 | 426 186 | 14 790 413 |
| Myanmar | 16 761 112 | 224 240 | 283 360 | 1 | 215 734 | 16 037 777 |
| Bolivia | 16 642 159 | 23 674 | 618 583 | 1 335 | 392 097 | 15 606 470 |
| Bosnia-Herzegovina | 15 776 082 | 792 500 | 103 657 | 0 | 1 402 139 | 12 802 517 |
| Gabon | 14 643 300 | 4 240 100 | 0 | 0 | 0 | 10 403 200 |
| Morocco | 14 335 464 | 52 063 | 128 795 | 194 | 14 063 166 | 91 246 |
| Congo, Rep. | 14 260 600 | 0 | 14 600 | 0 | 0 | 14 246 000 |
| Brunei | 14 251 080 | 0 | 0 | 0 | 0 | 14 251 080 |
| Ghana | 12 393 293 | 934 200 | 39 239 | 89 | 300 000 | 10 280 300 |
| Italy | 12 287 210 | 0 | 0 | 0 | 4 690 810 | 7 596 400 |
| Belarus | 11 935 200 | 0 | 0 | 0 | 10 015 000 | 1 920 200 |
| France | 11 869 088 | 0 | 430 040 | 0 | 10 628 854 | 667 430 |
| Estonia | 11 743 000 | 0 | 0 | 0 | 0 | 11 743 000 |
| Equatorial Guinea | 11 556 965 | 0 | 0 | 0 | 0 | 11 556 965 |
| New Zealand | 9 553 034 | 2 200 000 | 333 135 | 9 | 155 500 | 6 864 390 |
| Kosovo | 8 549 266 | 4 960 | 8 870 | 0 | 0 | 8 535 436 |
| Mauritania | 8 290 552 | 8 201 700 | 18 846 | 6 | 70 000 | 0 |
| Tunisia | 7 955 084 | 143 900 | 0 | 0 | 3 889 544 | 3 921 640 |
| Syria | 7 594 420 | 0 | 0 | 0 | 540 000 | 7 054 420 |
| South Sudan | 7 515 700 | 0 | 0 | 0 | 0 | 7 515 700 |
| Hungary | 7 381 486 | 0 | 0 | 0 | 86 000 | 7 295 486 |
| Japan | 6 715 608 | 0 | 3 299 | 9 | 4 427 100 | 2 285 200 |
| Guyana | 6 439 438 | 0 | 0 | 16 | 0 | 5 820 870 |
| Jamaica | 6 025 600 | 0 | 0 | 0 | 76 000 | 0 |
| Chad | 5 799 300 | 0 | 0 | 0 | 0 | 5 799 300 |
| Jordan | 5 699 677 | 0 | 0 | 0 | 5 538 177 | 161 500 |
| Korea, South | 5 533 618 | 500 968 | 10 092 | 10 | 4 077 448 | 945 100 |
| Austria | 5 228 231 | 1 060 469 | 0 | 0 | 3 073 034 | 1 094 728 |
| Cameroon | 5 201 500 | 0 | 36 400 | 0 | 0 | 5 165 100 |
| North Macedonia | 5 139 668 | 0 | 79 750 | 15 | 301 399 | 4 758 504 |
| Denmark | 5 104 371 | 0 | 0 | 0 | 744 971 | 4 359 400 |
| Papua New Guinea | 4 707 239 | 77 979 | 66 531 | 129 | 0 | 4 562 600 |
| Cote d'Ivoire | 4 397 643 | 602 500 | 0 | 43 | 0 | 3 095 100 |
| Zimbabwe | 3 956 845 | 660 851 | 10 320 | 60 | 39 614 | 3 246 000 |
| Yemen | 3 718 750 | 0 | 0 | 0 | 70 000 | 3 648 750 |
| Cuba | 3 413 202 | 57 300 | 74 500 | 0 | 559 802 | 2 721 600 |
| Kyrgyzstan | 3 343 932 | 0 | 8 110 | 42 | 52 680 | 3 283 100 |
| Tanzania | 3 314 992 | 39 100 | 11 678 | 69 | 817 388 | 2 446 719 |
| Congo, D.R. | 3 221 345 | 95 105 | 1 956 203 | 34 | 3 | 1 170 000 |
| Liberia | 3 000 008 | 3 000 000 | 0 | 8 | 0 | 0 |
| Sudan | 2 879 351 | 2 700 | 0 | 51 | 271 600 | 2 605 000 |
| Slovenia | 2 852 185 | 0 | 37 867 | 0 | 1 746 | 2 812 572 |
| Slovakia | 2 615 859 | 0 | 164 197 | 0 | 1 308 170 | 1 143 492 |
| Botswana | 2 532 502 | 0 | 11 742 | 11 | 499 531 | 2 021 218 |
| Sierra Leone | 2 486 514 | 1 085 736 | 0 | 0 | 4 100 | 0 |
| Tajikistan | 2 372 535 | 0 | 220 910 | 21 | 46 169 | 2 105 435 |
| Zambia | 2 243 149 | 60 787 | 827 113 | 4 | 691 900 | 663 345 |
| Finland | 2 239 891 | 516 137 | 93 058 | 56 | 1 630 640 | 0 |
| Montenegro | 2 129 946 | 0 | 54 574 | 0 | 0 | 1 548 612 |
| Croatia | 1 613 033 | 0 | 0 | 0 | 397 285 | 1 201 300 |
| Senegal | 1 503 325 | 314 350 | 0 | 16 | 1 164 159 | 24 800 |
| Albania | 1 378 530 | 228 920 | 5 690 | 0 | 146 295 | 997 625 |
| Ireland | 1 355 442 | 0 | 125 441 | 1 | 110 000 | 1 120 000 |

| | | | | | | |
|--------------------------|----------------|---------------|-------------|--------|-------------|----------------|
| Namibia | 1 201 663 | 61 740 | 52 752 | 14 | 1 080 373 | 6 784 |
| Portugal | 1 148 842 | 542 | 257 649 | 98 | 890 553 | 0 |
| Niger | 981 555 | 0 | 0 | 4 | 0 | 981 551 |
| Afghanistan | 946 921 | 5 300 | 0 | 0 | 478 421 | 463 200 |
| Switzerland | 832 700 | 0 | 0 | 0 | 832 700 | 0 |
| Suriname | 818 419 | 0 | 0 | 19 | 0 | 818 400 |
| Cyprus | 742 830 | 0 | 0 | 0 | 742 830 | 0 |
| Iceland | 700 857 | 0 | 695 857 | 0 | 5 000 | 0 |
| Guatemala | 668 968 | 59 100 | 0 | 0 | 196 768 | 413 100 |
| Madagascar | 585 738 | 360 396 | 4 130 | 2 | 221 210 | 0 |
| Togo | 538 864 | 0 | 0 | 4 | 538 860 | 0 |
| Bhutan | 532 566 | 16 590 | 0 | 0 | 404 431 | 111 545 |
| Georgia | 524 747 | 217 900 | 8 130 | 17 | 102 500 | 196 200 |
| Eritrea | 487 939 | 0 | 149 865 | 74 | 338 000 | 0 |
| Dominican Republic | 467 372 | 27 819 | 9 760 | 105 | 349 630 | 0 |
| Ethiopia | 386 793 | 782 | 0 | 11 | 386 000 | 0 |
| Latvia | 383 990 | 0 | 0 | 0 | 383 990 | 0 |
| Bahamas | 368 702 | 0 | 0 | 0 | 368 702 | 0 |
| Taiwan | 359 708 | 0 | 0 | 0 | 269 598 | 90 110 |
| Panama | 354 675 | 0 | 331 000 | 82 | 23 593 | 0 |
| Armenia | 333 485 | 10 611 | 87 676 | 23 | 235 175 | 0 |
| Kenya | 326 805 | 282 710 | 0 | 0 | 44 095 | 0 |
| Moldova | 312 872 | 0 | 0 | 0 | 307 900 | 4 972 |
| Sri Lanka | 209 509 | 28 775 | 0 | 0 | 180 734 | 0 |
| New Caledonia | 187 784 | 187 784 | 0 | 0 | 0 | 0 |
| Eswatini | 162 681 | 0 | 0 | 0 | 0 | 162 681 |
| Honduras | 154 960 | 0 | 46 420 | 40 | 108 500 | 0 |
| Christmas Island | 120 290 | 0 | 0 | 0 | 120 290 | 0 |
| Nauru | 102 500 | 0 | 0 | 0 | 102 500 | 0 |
| Lithuania | 101 910 | 0 | 0 | 0 | 72 990 | 28 920 |
| Burkina Faso | 84 246 | 0 | 84 170 | 76 | 0 | 0 |
| Nicaragua | 75 031 | 0 | 0 | 32 | 74 999 | 0 |
| Cambodia | 68 683 | 0 | 0 | 1 | 68 682 | 0 |
| Fiji | 49 402 | 49 400 | 0 | 2 | 0 | 0 |
| Malawi | 33 241 | 2 990 | 0 | 0 | 0 | 30 251 |
| El Salvador | 30 000 | 0 | 0 | 0 | 30 000 | 0 |
| Barbados | 29 570 | 0 | 0 | 0 | 0 | 29 570 |
| Uganda | 24 203 | 13 | 190 | 0 | 24 000 | 0 |
| Uruguay | 23 830 | 3 310 | 0 | 0 | 20 520 | 0 |
| Nepal | 20 714 | 0 | 5 550 | 0 | 4 450 | 10 714 |
| Paraguay | 10 500 | 0 | 0 | 0 | 10 500 | 0 |
| Rwanda | 4 232 | 1 950 | 2 280 | 2 | 0 | 0 |
| Costa Rica | 4 001 | 0 | 0 | 1 | 4 000 | 0 |
| Lebanon | 3 000 | 0 | 0 | 0 | 3 000 | 0 |
| Cape Verde | 2 621 | 0 | 0 | 0 | 2 621 | 0 |
| Mauritius | 2 200 | 0 | 0 | 0 | 2 200 | 0 |
| Malta | 1 600 | 0 | 0 | 0 | 1 600 | 0 |
| Belgium | 1 220 | 0 | 1 220 | 0 | 0 | 0 |
| Benin | 500 | 0 | 0 | 0 | 500 | 0 |
| Burundi | 375 | 145 | 229 | 1 | 0 | 0 |
| Mali | 72 | 0 | 0 | 72 | 0 | 0 |
| Central African Republic | 1 | 0 | 0 | 1 | 0 | 0 |
| French Guiana | 1 | 0 | 0 | 1 | 0 | 0 |
| Total | 18 276 750 490 | 1 682 971 493 | 107 665 438 | 29 604 | 809 971 979 | 15 296 261 104 |

6.1.8.2 by Value in Million USD (not included Diamonds)

| Country | Total (incl. Bauxite) | Iron, Ferro-Alloys | Non-Ferrous Metals | Precious Metals | Industrial Minerals | Mineral Fuels |
|----------------------|--------------------------|-----------------------|-----------------------|--------------------|------------------------|---------------|
| China | 879 461 | 57 470 | 135 441 | 22 039 | 26 318 | 635 936 |
| United States | 652 348 | 6 717 | 16 879 | 12 892 | 9 834 | 606 025 |
| Russia | 506 217 | 15 530 | 20 021 | 27 279 | 14 313 | 428 856 |
| Saudi Arabia | 289 925 | 46 | 3 239 | 723 | 1 416 | 284 320 |
| Australia | 246 674 | 107 812 | 18 738 | 18 866 | 2 715 | 95 135 |
| Canada | 223 136 | 8 892 | 13 907 | 14 817 | 16 727 | 168 793 |
| India | 188 994 | 43 981 | 13 041 | 593 | 7 062 | 123 575 |
| South Africa | 169 302 | 106 360 | 2 680 | 29 709 | 933 | 29 619 |
| Brazil | 149 811 | 53 044 | 6 137 | 5 449 | 2 431 | 81 563 |
| Iran | 136 975 | 6 899 | 5 034 | 444 | 1 535 | 123 034 |
| Indonesia | 135 502 | 22 456 | 8 483 | 4 440 | 542 | 98 731 |
| Iraq | 105 610 | 0 | 0 | 0 | 92 | 105 518 |
| Kazakhstan | 101 671 | 20 946 | 6 446 | 7 450 | 1 234 | 65 452 |
| United Arab Emirates | 100 027 | 0 | 6 375 | 0 | 496 | 93 156 |
| Mexico | 80 599 | 3 171 | 9 681 | 12 140 | 1 601 | 54 006 |
| Norway | 69 272 | 405 | 3 540 | 0 | 27 | 65 301 |
| Kuwait | 64 907 | 0 | 0 | 0 | 96 | 64 812 |
| Qatar | 64 402 | 0 | 1 569 | 0 | 193 | 62 640 |
| Chile | 62 911 | 3 531 | 53 657 | 3 094 | 2 394 | 235 |
| Nigeria | 49 411 | 118 | 420 | 116 | 36 | 48 721 |
| Algeria | 44 894 | 67 | 2 | 4 | 163 | 44 659 |
| Peru | 44 568 | 3 185 | 27 549 | 8 294 | 869 | 4 672 |
| Oman | 33 317 | 1 799 | 978 | 0 | 160 | 30 379 |
| Libya | 33 314 | 0 | 0 | 0 | 19 | 33 295 |
| Colombia | 31 931 | 761 | 86 | 3 255 | 75 | 27 754 |
| Angola | 29 008 | 6 | 0 | 2 | 23 | 28 976 |
| Malaysia | 27 008 | 1 605 | 2 332 | 104 | 56 | 22 910 |
| United Kingdom | 26 639 | 0 | 93 | 5 | 548 | 25 993 |
| Egypt | 26 446 | 75 | 668 | 747 | 264 | 24 692 |
| Turkey | 26 128 | 13 235 | 1 969 | 2 403 | 4 538 | 3 892 |
| Congo, D.R. | 25 769 | 4 853 | 18 488 | 1 821 | 0 | 607 |
| Argentina | 23 205 | 0 | 1 120 | 2 834 | 346 | 18 905 |
| Azerbaijan | 22 768 | 0 | 101 | 205 | 31 | 22 430 |
| Gabon | 21 944 | 16 659 | 0 | 12 | 0 | 5 273 |
| Venezuela | 21 606 | 234 | 95 | 520 | 96 | 20 660 |
| Ukraine | 20 173 | 11 330 | 3 | 0 | 717 | 8 122 |
| Turkmenistan | 17 304 | 0 | 0 | 0 | 89 | 17 216 |
| Uzbekistan | 16 877 | 46 | 1 582 | 5 986 | 309 | 8 954 |
| Poland | 15 541 | 14 | 3 719 | 1 094 | 837 | 9 878 |
| Vietnam | 14 477 | 1 354 | 595 | 38 | 373 | 11 981 |
| Ecuador | 13 975 | 0 | 831 | 888 | 0 | 12 256 |
| Ghana | 13 401 | 3 670 | 97 | 5 071 | 38 | 4 497 |
| Germany | 12 196 | 14 | 1 268 | 6 | 6 355 | 4 554 |
| Philippines | 12 050 | 7 417 | 485 | 1 490 | 78 | 2 579 |
| Bahrain | 11 280 | 0 | 3 861 | 0 | 12 | 7 407 |
| Zimbabwe | 10 836 | 6 192 | 110 | 4 086 | 10 | 439 |
| Thailand | 9 980 | 34 | 7 | 0 | 492 | 9 448 |
| Belarus | 9 896 | 0 | 0 | 0 | 8 963 | 933 |
| Bolivia | 9 707 | 67 | 2 406 | 3 679 | 166 | 3 390 |
| Pakistan | 9 637 | 561 | 298 | 0 | 644 | 8 131 |
| Mongolia | 9 597 | 930 | 3 001 | 1 165 | 209 | 4 292 |
| Guinea | 8 969 | 182 | 0 | 5 901 | 0 | 0 |
| Zambia | 8 390 | 304 | 7 706 | 231 | 64 | 86 |
| Congo, Rep. | 7 234 | 0 | 109 | 9 | 0 | 7 116 |
| Myanmar | 7 148 | 1 145 | 3 202 | 45 | 21 | 2 735 |
| Finland | 6 556 | 5 150 | 485 | 692 | 230 | 0 |
| Cote d'Ivoire | 6 086 | 2 694 | 0 | 2 421 | 0 | 948 |

| | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-------|
| Sweden | 6 069 | 3 194 | 1 986 | 854 | 35 | 0 |
| Papua New Guinea | 5 511 | 1 131 | 620 | 2 336 | 0 | 1 424 |
| Trinidad and Tobago | 5 394 | 0 | 0 | 0 | 0 | 5 394 |
| Israel | 5 215 | 0 | 0 | 0 | 2 793 | 2 422 |
| Mozambique | 4 970 | 884 | 1 406 | 44 | 321 | 2 315 |
| Romania | 4 410 | 26 | 813 | 43 | 184 | 3 343 |
| Brunei | 4 293 | 0 | 0 | 0 | 0 | 4 293 |
| Sudan | 4 271 | 25 | 0 | 2 875 | 19 | 1 352 |
| Netherlands | 4 142 | 0 | 118 | 0 | 765 | 3 259 |
| Burkina Faso | 4 126 | 0 | 253 | 3 873 | 0 | 0 |
| Equatorial Guinea | 4 042 | 0 | 0 | 0 | 0 | 4 042 |
| Mali | 4 016 | 0 | 0 | 4 016 | 0 | 0 |
| Bangladesh | 4 008 | 0 | 0 | 0 | 206 | 3 801 |
| Tanzania | 3 991 | 6 | 112 | 3 456 | 37 | 379 |
| Guyana | 3 939 | 0 | 0 | 898 | 0 | 3 021 |
| South Sudan | 3 901 | 0 | 0 | 0 | 0 | 3 901 |
| Korea, North | 3 737 | 261 | 158 | 619 | 119 | 2 580 |
| Spain | 3 722 | 27 | 2 059 | 170 | 1 457 | 8 |
| Italy | 3 584 | 0 | 0 | 0 | 570 | 3 015 |
| New Caledonia | 3 516 | 3 516 | 0 | 0 | 0 | 0 |
| Panama | 3 405 | 0 | 3 084 | 318 | 3 | 0 |
| Chad | 3 010 | 0 | 0 | 0 | 0 | 3 010 |
| Morocco | 2 915 | 258 | 679 | 165 | 1 796 | 17 |
| New Zealand | 2 901 | 352 | 824 | 339 | 21 | 1 365 |
| Syria | 2 868 | 0 | 0 | 0 | 59 | 2 809 |
| Bulgaria | 2 840 | 0 | 1 071 | 592 | 531 | 646 |
| Serbia | 2 799 | 0 | 1 177 | 298 | 39 | 1 285 |
| Albania | 2 590 | 2 124 | 53 | 0 | 5 | 408 |
| Cuba | 2 588 | 1 103 | 200 | 0 | 54 | 1 232 |
| France | 2 440 | 0 | 1 072 | 0 | 1 024 | 339 |
| Laos | 2 249 | 338 | 405 | 527 | 589 | 390 |
| Jordan | 2 218 | 0 | 0 | 0 | 2 186 | 33 |
| Cameroon | 2 216 | 0 | 90 | 25 | 0 | 2 101 |
| Dominican Republic | 2 117 | 514 | 59 | 1 535 | 6 | 0 |
| Denmark | 2 014 | 0 | 0 | 0 | 127 | 1 887 |
| Mauritania | 1 864 | 1 312 | 176 | 376 | 1 | 0 |
| Yemen | 1 864 | 0 | 0 | 0 | 6 | 1 858 |
| Tunisia | 1 818 | 23 | 0 | 0 | 381 | 1 414 |
| Kyrgyzstan | 1 804 | 0 | 76 | 1 451 | 3 | 273 |
| Iceland | 1 721 | 0 | 1 721 | 0 | 1 | 0 |
| Czech Republic | 1 716 | 0 | 0 | 0 | 615 | 1 101 |
| Tajikistan | 1 626 | 0 | 789 | 549 | 7 | 281 |
| Suriname | 1 502 | 0 | 0 | 1 078 | 0 | 425 |
| Greece | 1 473 | 106 | 525 | 227 | 278 | 297 |
| Japan | 1 432 | 0 | 48 | 363 | 475 | 546 |
| Armenia | 1 389 | 375 | 768 | 230 | 16 | 0 |
| Senegal | 1 387 | 256 | 0 | 850 | 270 | 11 |
| Estonia | 1 339 | 0 | 0 | 0 | 0 | 1 339 |
| Namibia | 1 327 | 49 | 171 | 447 | 133 | 528 |
| Guatemala | 1 294 | 1 091 | 0 | 0 | 8 | 194 |
| Madagascar | 1 209 | 918 | 25 | 116 | 150 | 0 |
| Portugal | 1 191 | 15 | 1 004 | 79 | 93 | 0 |
| Georgia | 1 187 | 856 | 76 | 213 | 2 | 40 |
| Korea, South | 956 | 203 | 69 | 17 | 541 | 126 |
| Eritrea | 941 | 0 | 578 | 323 | 40 | 0 |
| Liberia | 935 | 480 | 0 | 455 | 0 | 0 |
| Niger | 908 | 0 | 0 | 232 | 0 | 676 |
| Hungary | 891 | 0 | 0 | 0 | 7 | 884 |
| Austria | 864 | 195 | 0 | 0 | 283 | 387 |
| Bosnia-Herzegovina | 831 | 127 | 258 | 0 | 141 | 282 |
| Nicaragua | 669 | 0 | 0 | 662 | 7 | 0 |
| Slovakia | 606 | 0 | 407 | 23 | 140 | 37 |

| | | | | | | |
|--------------------------|-----------|---------|---------|---------|---------|-----------|
| Ethiopia | 593 | 17 | 0 | 556 | 21 | 0 |
| Ireland | 561 | 0 | 366 | 1 | 1 | 193 |
| Botswana | 478 | 0 | 109 | 46 | 62 | 261 |
| Croatia | 434 | 0 | 0 | 0 | 17 | 416 |
| North Macedonia | 398 | 0 | 248 | 40 | 6 | 105 |
| Kenya | 371 | 309 | 0 | 17 | 45 | 0 |
| Honduras | 331 | 0 | 129 | 193 | 8 | 0 |
| Sierra Leone | 323 | 262 | 0 | 9 | 6 | 0 |
| Kosovo | 302 | 92 | 22 | 0 | 0 | 188 |
| Rwanda | 275 | 86 | 74 | 116 | 0 | 0 |
| Togo | 274 | 0 | 0 | 208 | 66 | 0 |
| Afghanistan | 260 | 48 | 0 | 0 | 146 | 65 |
| Jamaica | 198 | 0 | 0 | 0 | 2 | 0 |
| Montenegro | 191 | 0 | 140 | 0 | 0 | 34 |
| Slovenia | 157 | 0 | 94 | 0 | 0 | 63 |
| Cambodia | 93 | 0 | 0 | 85 | 9 | 0 |
| Fiji | 72 | 8 | 0 | 65 | 0 | 0 |
| French Guiana | 69 | 0 | 0 | 69 | 0 | 0 |
| Switzerland | 68 | 0 | 0 | 0 | 68 | 0 |
| Burundi | 67 | 6 | 4 | 57 | 0 | 0 |
| Sri Lanka | 49 | 22 | 0 | 0 | 26 | 0 |
| Central African Republic | 49 | 0 | 0 | 49 | 0 | 0 |
| Bahamas | 46 | 0 | 0 | 0 | 46 | 0 |
| Taiwan | 44 | 0 | 0 | 0 | 27 | 16 |
| Costa Rica | 36 | 0 | 0 | 35 | 2 | 0 |
| Lithuania | 22 | 0 | 0 | 0 | 7 | 15 |
| Bhutan | 22 | 3 | 0 | 0 | 5 | 14 |
| Eswatini | 21 | 0 | 0 | 0 | 0 | 21 |
| Cyprus | 15 | 0 | 0 | 0 | 15 | 0 |
| Nepal | 15 | 0 | 12 | 0 | 1 | 1 |
| Christmas Island | 15 | 0 | 0 | 0 | 15 | 0 |
| Nauru | 13 | 0 | 0 | 0 | 13 | 0 |
| Barbados | 12 | 0 | 0 | 0 | 0 | 12 |
| Uganda | 12 | 0 | 5 | 1 | 6 | 0 |
| Belgium | 12 | 0 | 12 | 0 | 0 | 0 |
| Moldova | 6 | 0 | 0 | 0 | 3 | 3 |
| Malawi | 4 | 0 | 0 | 0 | 0 | 4 |
| Latvia | 4 | 0 | 0 | 0 | 4 | 0 |
| El Salvador | 4 | 0 | 0 | 0 | 4 | 0 |
| Uruguay | 3 | 1 | 0 | 0 | 2 | 0 |
| Paraguay | 1 | 0 | 0 | 0 | 1 | 0 |
| Total | 5 133 702 | 561 581 | 432 676 | 245 276 | 133 972 | 3 747 663 |

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

6.2.1 Iron and Ferro-Alloy Metals

| Commodity | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 in % |
|------------|---------------|---------------|---------------|---------------|---------------|----------------------|
| | in metr. t | | | | | |
| Iron | 1 511 758 884 | 1 524 574 245 | 1 551 335 349 | 1 524 139 484 | 1 635 056 040 | 8.16 |
| Chromium | 14 142 863 | 15 188 744 | 15 779 216 | 11 967 592 | 14 676 208 | 3.77 |
| Cobalt | 138 692 | 158 317 | 124 518 | 130 056 | 134 476 | -3.04 |
| Manganese | 18 758 889 | 19 609 756 | 21 164 890 | 19 623 184 | 21 219 335 | 13.12 |
| Molybdenum | 285 378 | 270 100 | 277 180 | 284 890 | 267 724 | -6.19 |
| Nickel | 2 141 797 | 2 377 719 | 2 707 513 | 2 477 828 | 2 812 251 | 31.30 |
| Niobium | 91 980 | 109 023 | 134 960 | 93 509 | 121 902 | 32.53 |
| Tantalum | 2 301 | 2 037 | 1 645 | 1 706 | 1 760 | -23.51 |
| Titanium | 7 120 354 | 7 550 118 | 7 900 029 | 8 503 499 | 8 493 291 | 19.28 |
| Tungsten | 86 350 | 84 090 | 88 859 | 85 051 | 88 537 | 2.53 |
| Vanadium | 81 892 | 84 947 | 98 723 | 105 776 | 99 969 | 22.07 |

6.2.2 Non-Ferrous Metals

| Commodity | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 in % |
|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|
| | in metr. t | | | | | |
| Aluminium | 60 544 944 | 64 443 050 | 63 214 479 | 65 381 119 | 67 668 825 | 11.77 |
| Antimony | 148 941 | 145 002 | 134 659 | 119 411 | 93 997 | -36.89 |
| Arsenic | 57 447 | 51 737 | 55 243 | 52 298 | 54 895 | -4.44 |
| Bauxite | 311 864 443 | 337 375 396 | 361 800 355 | 378 992 038 | 379 850 872 | 21.80 |
| Beryllium | 5 306 | 6 111 | 5 927 | 6 240 | 6 716 | 26.57 |
| Bismuth | 10 607 | 10 886 | 9 073 | 9 513 | 11 143 | 5.05 |
| Cadmium | 26 777 | 26 771 | 24 885 | 24 781 | 24 770 | -7.50 |
| Copper | 20 083 860 | 20 701 144 | 20 649 981 | 20 855 700 | 21 415 370 | 6.63 |
| Gallium | 310 | 323 | 374 | 304 | 434 | 40.00 |
| Germanium | 98 | 106 | 95 | 96 | 142 | 44.90 |
| Indium | 782 | 830 | 917 | 942 | 917 | 17.26 |
| Lead | 4 654 192 | 4 629 440 | 4 941 593 | 4 745 630 | 4 680 596 | 0.57 |
| Lithium | 162 723 | 198 930 | 192 065 | 186 955 | 232 530 | 42.90 |
| Mercury | 2 396 | 2 864 | 2 313 | 2 290 | 1 657 | -30.84 |
| Rare Earths | 133 235 | 182 193 | 203 365 | 229 162 | 269 203 | 102.05 |
| Rhenium | 45 | 47 | 44 | 38 | 42 | -6.67 |
| Selenium | 3 005 | 3 196 | 3 533 | 3 279 | 3 710 | 23.46 |
| Tellurium | 613 | 649 | 529 | 459 | 734 | 19.74 |
| Tin | 315 906 | 317 153 | 294 622 | 277 312 | 271 033 | -14.20 |
| Zinc | 11 898 987 | 12 257 076 | 13 081 570 | 12 668 276 | 12 928 724 | 8.65 |

6.2.3 Precious Metals

| Commodity | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 in % |
|-----------|------------|------------|------------|------------|------------|----------------------|
| | in kg | | | | | |
| Gold | 3 336 485 | 3 384 486 | 3 327 965 | 3 205 661 | 3 235 183 | -3.04 |
| Palladium | 204 633 | 223 387 | 225 409 | 199 902 | 212 590 | 3.89 |
| Platinum | 184 641 | 189 221 | 185 502 | 165 619 | 190 865 | 3.37 |
| Rhodium | 23 074 | 22 938 | 23 814 | 20 970 | 24 479 | 6.09 |
| Silver | 27 054 523 | 27 836 005 | 28 085 662 | 26 342 561 | 25 938 922 | -4.12 |

6.2.4 Industrial Minerals

| Commodity | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 in % |
|-------------|-----------------------------|-------------|-------------|-------------|-------------|----------------------|
| | in metr. t (Diamonds in ct) | | | | | |
| Asbestos | 1 157 070 | 1 237 256 | 1 137 505 | 1 132 268 | 1 292 356 | 11.69 |
| Baryte | 8 954 503 | 9 632 288 | 9 514 043 | 7 845 612 | 8 369 341 | -6.53 |
| Bentonite | 21 206 070 | 21 791 056 | 21 780 674 | 18 906 501 | 18 786 975 | -11.41 |
| Boron | 4 228 732 | 4 492 429 | 4 293 276 | 3 601 366 | 4 919 804 | 16.34 |
| Diam. (Gem) | 81 162 007 | 83 460 898 | 78 202 637 | 62 210 733 | 75 334 617 | -7.18 |
| Diam. (Ind) | 69 587 848 | 63 959 124 | 57 130 000 | 45 473 520 | 42 922 870 | -38.32 |
| Diatomite | 2 242 941 | 2 310 207 | 2 299 083 | 2 256 681 | 2 543 310 | 13.39 |
| Feldspar | 31 488 667 | 35 049 802 | 31 000 759 | 29 891 627 | 35 837 620 | 13.81 |
| Fluorspar | 5 749 993 | 6 970 064 | 7 661 824 | 7 741 736 | 8 391 911 | 45.95 |
| Graphite | 896 326 | 1 028 542 | 1 127 551 | 954 737 | 1 167 430 | 30.25 |
| Gypsum | 155 905 264 | 167 914 386 | 160 614 129 | 166 467 072 | 172 829 953 | 10.86 |
| Kaolin | 45 196 053 | 45 412 692 | 44 212 825 | 42 633 696 | 43 336 444 | -4.11 |
| Magnesite | 28 448 337 | 28 945 537 | 27 339 204 | 28 254 847 | 28 013 127 | -1.53 |
| Perlite | 2 375 840 | 2 713 894 | 2 823 336 | 3 129 745 | 3 702 669 | 55.85 |
| Phosphates | 79 600 355 | 71 496 230 | 71 500 920 | 69 697 070 | 75 370 830 | -5.31 |
| Potash | 42 321 610 | 43 443 845 | 42 215 857 | 44 739 197 | 45 154 340 | 6.69 |
| Salt | 282 563 282 | 290 534 458 | 292 279 225 | 267 753 764 | 273 766 013 | -3.11 |
| Sulfur | 79 602 245 | 81 705 154 | 81 466 023 | 77 983 540 | 76 822 483 | -3.49 |
| Talc | 8 278 468 | 8 327 549 | 7 797 170 | 6 856 317 | 7 695 296 | -7.04 |
| Vermiculite | 416 091 | 438 951 | 424 421 | 416 638 | 515 987 | 24.01 |
| Zircon | 1 379 379 | 1 569 774 | 1 368 984 | 1 249 168 | 1 456 067 | 5.56 |

6.2.5 Mineral Fuels

| Commodity | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 in % |
|-----------------|--|---------------|---------------|---------------|---------------|----------------------|
| | in metr. t (Nat. Gas in Mio m ³) | | | | | |
| Steam Coal | 5 531 843 735 | 5 832 247 979 | 5 958 338 079 | 5 724 048 030 | 5 967 292 267 | 7.87 |
| Coking Coal | 1 022 714 054 | 1 032 969 261 | 1 056 251 596 | 1 035 840 063 | 1 056 173 086 | 3.27 |
| Hard Coal (Tot) | 6 554 557 789 | 6 865 217 240 | 7 014 589 675 | 6 759 888 093 | 7 023 465 353 | 7.15 |
| Lignite | 820 800 439 | 800 482 271 | 734 494 823 | 637 137 537 | 687 108 149 | -16.29 |
| Coal (Tot) | 7 375 358 228 | 7 665 699 511 | 7 749 084 498 | 7 397 025 630 | 7 710 573 502 | 4.55 |
| Petroleum | 4 387 148 840 | 4 487 781 435 | 4 486 614 813 | 4 195 820 549 | 4 250 303 021 | -3.12 |
| Nat. Gas | 3 776 338 | 3 946 427 | 4 064 892 | 3 960 620 | 4 153 317 | 9.98 |
| Oil Sands* | 169 006 100 | 176 864 600 | 176 766 200 | 167 943 300 | 182 022 400 | 7.70 |
| Oil Shales | 22 534 973 | 22 794 380 | 16 628 394 | 13 054 894 | 12 674 826 | -43.75 |
| Uranium | 70 402 | 64 083 | 64 278 | 55 718 | 56 155 | -20.24 |

*Oil Sands as part of Petroleum

6.3 World Production of Mineral Raw Materials, by Development Status, Income, Political Stability of the Producer Countries (according to World Bank), Country Groups and Economic Blocks

6.3.1 Iron and Ferro-Alloy Metals

Iron (Fe-Content)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|-------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Development status: | | | | | |
| Developed C. | 632 252 158 | 646 035 302 | 654 007 756 | 652 715 984 | 661 012 367 |
| Developing C. | 754 008 126 | 751 516 853 | 757 687 703 | 728 830 780 | 829 977 023 |
| Least Developed C. | 12 012 170 | 10 405 940 | 11 311 540 | 12 113 640 | 15 501 050 |
| Transition C. | 113 486 430 | 116 616 150 | 128 328 350 | 130 479 080 | 128 565 600 |
| Total | 1 511 758 884 | 1 524 574 245 | 1 551 335 349 | 1 524 139 484 | 1 635 056 040 |
| Annual per capita income: | | | | | |
| High Income | 642 284 025 | 655 490 090 | 662 937 000 | 663 228 250 | 672 467 671 |
| Upper Middle Income | 680 028 979 | 680 114 435 | 666 526 759 | 626 581 834 | 689 787 519 |
| Lower Middle Income | 181 637 810 | 183 526 400 | 216 997 240 | 229 342 190 | 266 108 360 |
| Low Income | 7 808 070 | 5 443 320 | 4 874 350 | 4 987 210 | 6 692 490 |
| Total | 1 511 758 884 | 1 524 574 245 | 1 551 335 349 | 1 524 139 484 | 1 635 056 040 |
| Political stability: | | | | | |
| Stable | 2 324 640 | 2 100 000 | 1 915 000 | 2 260 000 | 2 200 000 |
| Fair | 661 658 385 | 662 195 110 | 672 162 900 | 669 922 930 | 680 417 201 |
| Unstable | 797 852 929 | 785 005 595 | 790 220 109 | 816 841 154 | 915 688 879 |
| Extreme Unstable | 49 922 930 | 75 273 540 | 87 037 340 | 35 115 400 | 36 749 960 |
| Total | 1 511 758 884 | 1 524 574 245 | 1 551 335 349 | 1 524 139 484 | 1 635 056 040 |
| Country groups and economic blocks: | | | | | |
| ACP | 60 651 280 | 58 619 700 | 58 152 860 | 47 766 710 | 60 998 680 |
| ASEAN | 7 004 255 | 6 125 390 | 7 956 930 | 9 175 030 | 10 923 340 |
| BRICS | 741 721 424 | 738 946 625 | 739 331 932 | 699 195 862 | 791 566 825 |
| CPE | 227 183 530 | 218 165 920 | 229 635 230 | 234 342 660 | 263 827 160 |
| EC | 19 778 056 | 19 385 032 | 20 498 770 | 21 181 540 | 21 147 830 |
| EFTA | 992 700 | 1 129 900 | 1 069 700 | 1 014 700 | 1 057 500 |
| G7 | 60 942 600 | 63 448 700 | 62 661 300 | 59 970 600 | 65 257 500 |
| MERCOSUR | 293 734 314 | 289 678 235 | 257 404 732 | 247 188 202 | 274 795 935 |
| NAFTA/USMCA | 67 887 220 | 71 778 610 | 72 898 470 | 70 649 700 | 75 970 000 |
| OECD | 655 110 735 | 673 166 980 | 681 800 460 | 687 167 860 | 693 104 411 |
| SADC | 48 813 560 | 48 287 700 | 47 074 610 | 36 207 780 | 47 640 190 |

Chromium (Cr₂O₃ - Content)

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | metr. t | metr. t | metr. t | metr. t | metr. t |
| Development status: | | | | | |
| Developed C. | 411 060 | 483 400 | 504 010 | 471 410 | 473 690 |
| Developing C. | 10 974 843 | 11 751 084 | 12 238 456 | 9 106 032 | 11 893 858 |
| Least Developed C. | 119 360 | 76 460 | 45 750 | 12 600 | 14 600 |
| Transition C. | 2 637 600 | 2 877 800 | 2 991 000 | 2 377 550 | 2 294 060 |
| Total | 14 142 863 | 15 188 744 | 15 779 216 | 11 967 592 | 14 676 208 |
| Annual per capita income: | | | | | |
| High Income | 592 150 | 837 030 | 797 050 | 654 130 | 669 230 |
| Upper Middle Income | 11 427 453 | 11 909 064 | 12 261 606 | 9 239 552 | 11 451 688 |
| Lower Middle Income | 1 709 280 | 2 379 150 | 2 674 810 | 2 061 310 | 2 540 690 |
| Low Income | 413 980 | 63 500 | 45 750 | 12 600 | 14 600 |
| Total | 14 142 863 | 15 188 744 | 15 779 216 | 11 967 592 | 14 676 208 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 3 073 350 | 1 169 630 | 1 181 250 | 880 780 | 902 930 |
| Unstable | 9 625 353 | 12 697 174 | 12 901 116 | 10 928 402 | 13 622 908 |
| Extreme Unstable | 1 444 160 | 1 321 940 | 1 696 850 | 158 410 | 150 370 |
| Total | 14 142 863 | 15 188 744 | 15 779 216 | 11 967 592 | 14 676 208 |
| Country groups and economic blocks: | | | | | |
| ACP | 7 549 610 | 8 052 550 | 8 227 090 | 6 129 160 | 8 311 130 |
| ASEAN | 8 340 | 20 260 | 14 570 | 14 040 | 12 290 |
| BRICS | 9 077 713 | 9 802 324 | 9 618 106 | 7 217 802 | 9 787 488 |
| CPE | 26 400 | 26 830 | 54 250 | 68 440 | 76 120 |
| EC | 411 060 | 483 400 | 504 010 | 471 410 | 473 690 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 0 | 0 | 0 | 0 | 0 |
| MERCOSUR | 212 503 | 219 724 | 199 256 | 226 762 | 248 108 |
| NAFTA/USMCA | 0 | 0 | 0 | 0 | 0 |
| OECD | 1 795 760 | 1 630 000 | 2 032 710 | 1 558 810 | 1 701 590 |
| SADC | 7 485 380 | 7 980 800 | 8 141 630 | 6 057 960 | 8 255 800 |

Cobalt

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------------------|----------------|----------------|----------------|----------------|----------------|
| | metr. t | metr. t | metr. t | metr. t | metr. t |
| Development status: | | | | | |
| Developed C. | 14 032 | 12 343 | 12 827 | 12 259 | 10 796 |
| Developing C. | 27 683 | 20 908 | 19 459 | 20 357 | 20 336 |
| Least Developed C. | 88 077 | 116 366 | 82 832 | 87 740 | 95 244 |
| Transition C. | 8 900 | 8 700 | 9 400 | 9 700 | 8 100 |
| Total | 138 692 | 158 317 | 124 518 | 130 056 | 134 476 |

Annual per capita income:

| | | | | | |
|---------------------|---------|---------|---------|---------|---------|
| High Income | 16 812 | 14 447 | 14 530 | 14 456 | 12 296 |
| Upper Middle Income | 24 077 | 18 070 | 17 692 | 16 947 | 16 655 |
| Lower Middle Income | 11 930 | 11 200 | 10 735 | 11 229 | 10 281 |
| Low Income | 85 873 | 114 600 | 81 561 | 87 424 | 95 244 |
| Total | 138 692 | 158 317 | 124 518 | 130 056 | 134 476 |

Political stability:

| | | | | | |
|------------------|---------|---------|---------|---------|---------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 22 088 | 19 109 | 16 627 | 16 159 | 14 843 |
| Unstable | 33 923 | 27 236 | 29 112 | 27 306 | 26 622 |
| Extreme Unstable | 82 681 | 111 972 | 78 779 | 86 591 | 93 011 |
| Total | 138 692 | 158 317 | 124 518 | 130 056 | 134 476 |

Country groups and economic blocks:

| | | | | | |
|-------------|--------|---------|--------|--------|---------|
| ACP | 98 301 | 126 051 | 90 976 | 96 434 | 102 584 |
| ASEAN | 4 050 | 3 950 | 4 100 | 4 600 | 5 300 |
| BRICS | 18 450 | 12 811 | 13 427 | 12 797 | 10 455 |
| CPE | 13 707 | 8 100 | 6 800 | 6 100 | 5 800 |
| EC | 2 300 | 1 377 | 1 454 | 1 559 | 1 084 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 6 698 | 6 088 | 5 632 | 5 074 | 4 484 |
| MERCOSUR | 185 | 4 | 0 | 0 | 0 |
| NAFTA/USMCA | 6 698 | 6 088 | 5 632 | 5 074 | 4 484 |
| OECD | 14 252 | 12 602 | 12 942 | 12 509 | 13 196 |
| SADC | 89 587 | 117 776 | 84 261 | 89 593 | 95 829 |

Manganese

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 2 885 244 | 3 519 470 | 3 268 490 | 3 364 480 | 3 285 440 |
| Developing C. | 14 574 925 | 14 642 196 | 16 357 470 | 14 883 724 | 16 532 695 |
| Least Developed C. | 182 020 | 257 990 | 445 630 | 281 580 | 268 000 |
| Transition C. | 1 116 700 | 1 190 100 | 1 093 300 | 1 093 400 | 1 133 200 |
| Total | 18 758 889 | 19 609 756 | 21 164 890 | 19 623 184 | 21 219 335 |

Annual per capita income:

| | | | | | |
|---------------------|------------|------------|------------|------------|------------|
| High Income | 2 882 410 | 3 525 490 | 3 280 990 | 3 359 660 | 3 282 600 |
| Upper Middle Income | 12 729 779 | 12 362 036 | 13 681 680 | 12 974 174 | 14 274 415 |
| Lower Middle Income | 3 145 180 | 3 716 870 | 4 199 440 | 3 288 350 | 3 604 460 |
| Low Income | 1 520 | 5 360 | 2 780 | 1 000 | 57 860 |
| Total | 18 758 889 | 19 609 756 | 21 164 890 | 19 623 184 | 21 219 335 |

Political stability:

| | | | | | |
|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 4 723 914 | 4 222 680 | 5 385 640 | 4 405 410 | 4 571 300 |
| Unstable | 13 327 295 | 14 389 091 | 14 570 040 | 14 893 164 | 16 324 565 |
| Extreme Unstable | 707 680 | 997 985 | 1 209 210 | 324 610 | 323 470 |
| Total | 18 758 889 | 19 609 756 | 21 164 890 | 19 623 184 | 21 219 335 |

Country groups and economic blocks:

| | | | | | |
|-------------|------------|------------|------------|------------|------------|
| ACP | 8 914 390 | 10 244 170 | 11 643 290 | 10 987 658 | 12 975 726 |
| ASEAN | 784 100 | 878 860 | 1 036 215 | 764 610 | 673 890 |
| BRICS | 10 213 767 | 9 060 855 | 10 183 974 | 9 047 389 | 9 848 142 |
| CPE | 2 612 700 | 1 295 100 | 1 456 000 | 1 339 100 | 1 447 000 |
| EC | 6 234 | 5 150 | 9 290 | 8 450 | 6 600 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 0 | 0 | 0 | 0 | 0 |
| MERCOSUR | 1 343 967 | 1 310 825 | 1 452 034 | 932 721 | 597 446 |
| NAFTA/USMCA | 218 510 | 209 023 | 232 957 | 258 045 | 220 560 |
| OECD | 3 124 820 | 3 753 243 | 3 532 057 | 4 179 875 | 4 109 700 |
| SADC | 5 551 120 | 5 693 160 | 6 484 810 | 6 062 228 | 7 166 506 |

Molybdenum

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 45 465 | 46 448 | 47 986 | 55 080 | 43 532 |
| Developing C. | 230 913 | 215 069 | 219 010 | 215 050 | 209 719 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 9 000 | 8 583 | 10 184 | 14 760 | 14 473 |
| Total | 285 378 | 270 100 | 277 180 | 284 890 | 267 724 |
| Annual per capita income: | | | | | |
| High Income | 108 862 | 107 154 | 103 011 | 114 872 | 92 959 |
| Upper Middle Income | 172 696 | 159 056 | 170 349 | 162 732 | 166 258 |
| Lower Middle Income | 3 340 | 3 330 | 3 290 | 7 186 | 8 407 |
| Low Income | 480 | 560 | 530 | 100 | 100 |
| Total | 285 378 | 270 100 | 277 180 | 284 890 | 267 724 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 111 537 | 110 098 | 105 501 | 117 762 | 95 934 |
| Unstable | 172 941 | 155 862 | 167 519 | 163 592 | 167 640 |
| Extreme Unstable | 900 | 4 140 | 4 160 | 3 536 | 4 150 |
| Total | 285 378 | 270 100 | 277 180 | 284 890 | 267 724 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|---------|---------|---------|---------|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 120 317 | 100 682 | 106 659 | 97 677 | 104 300 |
| CPE | 120 210 | 101 560 | 107 690 | 98 960 | 105 675 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 1 | 1 | 1 |
| G7 | 45 465 | 46 448 | 47 985 | 55 079 | 43 123 |
| MERCOSUR | 651 | 364 | 0 | 0 | 0 |
| NAFTA/USMCA | 59 450 | 66 713 | 69 679 | 75 656 | 59 442 |
| OECD | 123 096 | 127 869 | 124 705 | 135 449 | 109 278 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Nickel

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|---------|---------|---------|---------|---------|
| | metr. t | metr. t | metr. t | metr. t | metr. t |

Development status:

| | | | | | |
|--------------------|------------------|------------------|------------------|------------------|------------------|
| Developed C. | 478 509 | 419 871 | 421 968 | 395 711 | 351 480 |
| Developing C. | 1 364 035 | 1 659 104 | 1 994 989 | 1 805 439 | 2 210 601 |
| Least Developed C. | 63 373 | 50 954 | 50 436 | 34 668 | 49 490 |
| Transition C. | 235 880 | 247 790 | 240 120 | 242 010 | 200 680 |
| Total | 2 141 797 | 2 377 719 | 2 707 513 | 2 477 828 | 2 812 251 |

Annual per capita income:

| | | | | | |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| High Income | 693 891 | 636 096 | 630 153 | 595 086 | 537 764 |
| Upper Middle Income | 623 182 | 628 473 | 1 643 559 | 631 962 | 594 984 |
| Lower Middle Income | 774 007 | 1 079 946 | 400 065 | 1 240 872 | 1 648 113 |
| Low Income | 50 717 | 33 204 | 33 736 | 9 908 | 31 390 |
| Total | 2 141 797 | 2 377 719 | 2 707 513 | 2 477 828 | 2 812 251 |

Political stability:

| | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 528 111 | 492 285 | 498 378 | 467 476 | 431 699 |
| Unstable | 1 598 916 | 1 854 124 | 2 190 195 | 1 988 352 | 2 362 452 |
| Extreme Unstable | 14 770 | 31 310 | 18 940 | 22 000 | 18 100 |
| Total | 2 141 797 | 2 377 719 | 2 707 513 | 2 477 828 | 2 812 251 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|-----------|-----------|-----------|-----------|
| ACP | 199 176 | 210 158 | 213 038 | 185 940 | 206 362 |
| ASEAN | 731 627 | 1 014 316 | 1 373 725 | 1 167 611 | 1 577 659 |
| BRICS | 442 614 | 446 253 | 437 678 | 442 153 | 404 434 |
| CPE | 151 648 | 147 963 | 149 674 | 151 048 | 149 600 |
| EC | 56 451 | 64 212 | 56 525 | 51 409 | 48 273 |
| EFTA | 190 | 170 | 135 | 120 | 350 |
| G7 | 236 402 | 195 467 | 206 557 | 174 838 | 151 981 |
| MERCOSUR | 68 803 | 65 254 | 55 761 | 68 097 | 75 988 |
| NAFTA/USMCA | 236 402 | 195 467 | 206 557 | 174 838 | 151 981 |
| OECD | 493 279 | 433 431 | 426 708 | 472 225 | 423 931 |
| SADC | 99 180 | 94 290 | 96 597 | 64 056 | 79 449 |

Niobium (Nb₂O₅-Content)

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------------------------------------|---------------|----------------|----------------|---------------|----------------|
| | metr. t | metr. t | metr. t | metr. t | metr. t |
| Development status: | | | | | |
| Developed C. | 6 981 | 7 700 | 6 800 | 6 400 | 7 650 |
| Developing C. | 83 318 | 99 755 | 126 831 | 85 682 | 112 925 |
| Least Developed C. | 1 033 | 899 | 670 | 810 | 679 |
| Transition C. | 648 | 669 | 659 | 617 | 648 |
| Total | 91 980 | 109 023 | 134 960 | 93 509 | 121 902 |
| Annual per capita income: | | | | | |
| High Income | 6 981 | 7 700 | 6 800 | 6 400 | 7 650 |
| Upper Middle Income | 83 844 | 100 243 | 127 320 | 86 219 | 113 433 |
| Lower Middle Income | 122 | 181 | 170 | 80 | 140 |
| Low Income | 1 033 | 899 | 670 | 810 | 679 |
| Total | 91 980 | 109 023 | 134 960 | 93 509 | 121 902 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 7 241 | 7 945 | 7 005 | 6 560 | 7 810 |
| Unstable | 83 857 | 100 257 | 127 333 | 86 271 | 113 449 |
| Extreme Unstable | 882 | 821 | 622 | 678 | 643 |
| Total | 91 980 | 109 023 | 134 960 | 93 509 | 121 902 |
| Country groups and economic blocks: | | | | | |
| ACP | 1 155 | 1 080 | 840 | 890 | 819 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 83 844 | 100 243 | 127 320 | 86 219 | 113 433 |
| CPE | 30 | 20 | 20 | 30 | 30 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 6 981 | 7 700 | 6 800 | 6 400 | 7 650 |
| MERCOSUR | 83 166 | 99 554 | 126 641 | 85 572 | 112 755 |
| NAFTA/USMCA | 6 981 | 7 700 | 6 800 | 6 400 | 7 650 |
| OECD | 6 981 | 7 700 | 6 800 | 6 400 | 7 650 |
| SADC | 727 | 619 | 444 | 582 | 489 |

Tantalum (Ta₂O₅-Content)

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------------------|--------------|--------------|--------------|--------------|--------------|
| | metr. t | metr. t | metr. t | metr. t | metr. t |
| Development status: | | | | | |
| Developed C. | 20 | 40 | 98 | 66 | 89 |
| Developing C. | 869 | 720 | 607 | 569 | 692 |
| Least Developed C. | 1 367 | 1 233 | 908 | 1 011 | 940 |
| Transition C. | 45 | 44 | 32 | 60 | 39 |
| Total | 2 301 | 2 037 | 1 645 | 1 706 | 1 760 |

Annual per capita income:

| | | | | | |
|---------------------|-------|-------|-------|-------|-------|
| High Income | 20 | 40 | 98 | 66 | 89 |
| Upper Middle Income | 431 | 516 | 509 | 541 | 570 |
| Lower Middle Income | 483 | 248 | 130 | 88 | 161 |
| Low Income | 1 367 | 1 233 | 908 | 1 011 | 940 |
| Total | 2 301 | 2 037 | 1 645 | 1 706 | 1 760 |

Political stability:

| | | | | | |
|------------------|-------|-------|-------|-------|-------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 421 | 447 | 415 | 307 | 335 |
| Unstable | 523 | 604 | 592 | 577 | 681 |
| Extreme Unstable | 1 357 | 986 | 638 | 822 | 744 |
| Total | 2 301 | 2 037 | 1 645 | 1 706 | 1 760 |

Country groups and economic blocks:

| | | | | | |
|-------------|-------|-------|-------|-------|-------|
| ACP | 1 847 | 1 463 | 1 028 | 1 091 | 1 100 |
| ASEAN | 6 | 27 | 2 | 1 | 1 |
| BRICS | 425 | 489 | 507 | 540 | 569 |
| CPE | 110 | 100 | 135 | 180 | 180 |
| EC | 0 | 0 | 18 | 16 | 19 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 0 | 0 | 0 | 0 | 0 |
| MERCOSUR | 270 | 345 | 340 | 300 | 350 |
| NAFTA/USMCA | 0 | 0 | 0 | 0 | 0 |
| OECD | 20 | 40 | 98 | 66 | 89 |
| SADC | 818 | 710 | 519 | 694 | 580 |

Titanium (TiO₂-Content)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 1 967 200 | 1 771 620 | 1 641 745 | 1 640 580 | 1 637 130 |
| Developing C. | 3 228 254 | 3 841 908 | 4 145 824 | 4 712 219 | 4 445 251 |
| Least Developed C. | 1 426 700 | 1 349 640 | 1 485 310 | 1 582 270 | 1 897 310 |
| Transition C. | 498 200 | 586 950 | 627 150 | 568 430 | 513 600 |
| Total | 7 120 354 | 7 550 118 | 7 900 029 | 8 503 499 | 8 493 291 |
| Annual per capita income: | | | | | |
| High Income | 2 089 870 | 1 888 870 | 1 804 535 | 1 798 920 | 1 637 130 |
| Upper Middle Income | 2 512 334 | 3 157 558 | 3 439 654 | 3 967 559 | 3 876 736 |
| Lower Middle Income | 1 091 450 | 1 441 990 | 1 451 560 | 1 446 490 | 1 392 425 |
| Low Income | 1 426 700 | 1 061 700 | 1 204 280 | 1 290 530 | 1 587 000 |
| Total | 7 120 354 | 7 550 118 | 7 900 029 | 8 503 499 | 8 493 291 |

Political stability:

| | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 2 280 530 | 2 023 720 | 2 205 175 | 1 805 200 | 1 650 600 |
| Unstable | 4 403 154 | 4 971 273 | 5 119 794 | 5 819 299 | 6 835 831 |
| Extreme Unstable | 436 670 | 555 125 | 575 060 | 879 000 | 6 860 |
| Total | 7 120 354 | 7 550 118 | 7 900 029 | 8 503 499 | 8 493 291 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|
| ACP | 2 862 260 | 2 689 790 | 2 717 970 | 2 788 680 | 3 051 520 |
| ASEAN | 125 664 | 134 873 | 119 674 | 146 124 | 140 576 |
| BRICS | 2 569 630 | 3 180 790 | 3 566 850 | 4 131 740 | 4 012 150 |
| CPE | 1 359 160 | 2 054 250 | 2 419 580 | 3 051 560 | 2 983 720 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 238 200 | 176 370 | 211 280 | 229 780 | 295 610 |
| G7 | 736 000 | 720 000 | 650 000 | 580 000 | 540 000 |
| MERCOSUR | 66 930 | 73 090 | 81 650 | 61 940 | 75 100 |
| NAFTA/USMCA | 736 000 | 720 000 | 650 000 | 580 000 | 540 000 |
| OECD | 2 096 240 | 1 895 045 | 1 810 665 | 1 805 375 | 1 644 210 |
| SADC | 2 045 900 | 1 916 300 | 2 009 100 | 2 104 600 | 2 351 600 |

Tungsten (W-Content)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 3 299 | 3 408 | 1 854 | 1 787 | 2 263 |
| Developing C. | 79 258 | 76 625 | 82 725 | 79 611 | 82 519 |
| Least Developed C. | 1 546 | 1 726 | 1 747 | 1 359 | 1 830 |
| Transition C. | 2 247 | 2 331 | 2 533 | 2 294 | 1 925 |
| Total | 86 350 | 84 090 | 88 859 | 85 051 | 88 537 |
| Annual per capita income: | | | | | |
| High Income | 3 299 | 3 408 | 1 854 | 1 787 | 2 263 |
| Upper Middle Income | 74 398 | 70 690 | 77 726 | 74 075 | 70 919 |
| Lower Middle Income | 7 124 | 7 046 | 6 532 | 7 500 | 13 515 |
| Low Income | 1 529 | 2 946 | 2 747 | 1 689 | 1 840 |
| Total | 86 350 | 84 090 | 88 859 | 85 051 | 88 537 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 9 868 | 9 874 | 8 160 | 2 812 | 3 928 |
| Unstable | 76 196 | 73 692 | 80 144 | 81 859 | 84 311 |
| Extreme Unstable | 286 | 524 | 555 | 380 | 298 |
| Total | 86 350 | 84 090 | 88 859 | 85 051 | 88 537 |

Country groups and economic blocks:

| | | | | | |
|-------------|--------|--------|--------|--------|--------|
| ACP | 1 231 | 1 618 | 1 669 | 1 327 | 1 822 |
| ASEAN | 5 514 | 5 136 | 4 968 | 6 107 | 11 833 |
| BRICS | 74 355 | 70 580 | 77 689 | 73 986 | 70 861 |
| CPE | 77 774 | 74 721 | 81 266 | 77 865 | 80 565 |
| EC | 3 294 | 3 398 | 1 824 | 1 687 | 2 103 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 1 086 | 890 | 0 | 0 | 0 |
| MERCOSUR | 411 | 346 | 306 | 262 | 301 |
| NAFTA/USMCA | 0 | 45 | 15 | 32 | 0 |
| OECD | 3 299 | 3 453 | 1 869 | 1 819 | 2 263 |
| SADC | 133 | 176 | 297 | 146 | 122 |

Vanadium (V-Content)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 0 | 0 | 460 | 17 | 0 |
| Developing C. | 63 256 | 67 895 | 79 883 | 86 226 | 79 911 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 18 636 | 17 052 | 18 380 | 19 533 | 20 058 |
| Total | 81 892 | 84 947 | 98 723 | 105 776 | 99 969 |

Annual per capita income:

| | | | | | |
|---------------------|--------|--------|--------|---------|--------|
| High Income | 0 | 0 | 460 | 17 | 0 |
| Upper Middle Income | 81 892 | 84 505 | 98 187 | 105 659 | 99 869 |
| Lower Middle Income | 0 | 442 | 76 | 100 | 100 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 81 892 | 84 947 | 98 723 | 105 776 | 99 969 |

Political stability:

| | | | | | |
|------------------|--------|--------|--------|---------|--------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 0 | 0 | 460 | 17 | 0 |
| Unstable | 81 892 | 84 947 | 98 263 | 105 759 | 99 969 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 81 892 | 84 947 | 98 723 | 105 776 | 99 969 |

Country groups and economic blocks:

| | | | | | |
|-------------|--------|--------|--------|---------|--------|
| ACP | 7 958 | 7 691 | 8 062 | 8 584 | 8 799 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 81 892 | 84 947 | 98 263 | 105 759 | 99 969 |
| CPE | 48 500 | 53 200 | 64 700 | 69 960 | 63 800 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 0 | 0 | 460 | 17 | 0 |
| MERCOSUR | 6 798 | 6 562 | 7 045 | 7 582 | 7 212 |
| NAFTA/USMCA | 0 | 0 | 460 | 17 | 0 |
| OECD | 0 | 0 | 460 | 17 | 0 |
| SADC | 7 958 | 7 691 | 8 062 | 8 584 | 8 799 |

6.3.2 Non-Ferrous Metals

Aluminium

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Development status: | | | | | |
| Developed C. | 10 047 511 | 9 966 543 | 9 986 081 | 10 108 461 | 10 065 600 |
| Developing C. | 45 786 376 | 49 560 121 | 48 266 635 | 50 357 300 | 52 617 857 |
| Least Developed C. | 577 495 | 571 125 | 564 756 | 571 125 | 564 756 |
| Transition C. | 4 133 562 | 4 345 261 | 4 397 007 | 4 344 233 | 4 420 612 |
| Total | 60 544 944 | 64 443 050 | 63 214 479 | 65 381 119 | 67 668 825 |
| Annual per capita income: | | | | | |
| High Income | 15 412 474 | 15 106 109 | 15 723 562 | 15 714 987 | 15 939 648 |
| Upper Middle Income | 40 428 920 | 44 378 662 | 42 803 164 | 44 394 140 | 46 001 490 |
| Lower Middle Income | 4 022 908 | 4 291 354 | 4 022 197 | 4 700 867 | 5 162 931 |
| Low Income | 680 642 | 666 925 | 665 556 | 571 125 | 564 756 |
| Total | 60 544 944 | 64 443 050 | 63 214 479 | 65 381 119 | 67 668 825 |
| Political stability: | | | | | |
| Stable | 1 096 728 | 1 072 156 | 1 034 097 | 1 025 303 | 1 028 992 |
| Fair | 13 727 536 | 13 769 925 | 13 389 329 | 13 634 753 | 13 584 157 |
| Unstable | 45 211 157 | 49 092 278 | 48 391 587 | 49 667 967 | 52 437 221 |
| Extreme Unstable | 509 523 | 508 691 | 399 466 | 1 053 096 | 618 455 |
| Total | 60 544 944 | 64 443 050 | 63 214 479 | 65 381 119 | 67 668 825 |
| Country groups and economic blocks: | | | | | |
| ACP | 1 402 593 | 1 393 892 | 1 378 864 | 1 373 191 | 1 354 395 |
| ASEAN | 975 192 | 979 306 | 993 457 | 1 200 789 | 1 101 577 |
| BRICS | 41 790 918 | 45 674 181 | 44 258 289 | 46 030 537 | 47 931 900 |
| CPE | 33 289 600 | 36 831 000 | 35 361 600 | 37 080 400 | 38 503 200 |
| EC | 2 257 220 | 2 204 107 | 2 090 562 | 2 024 431 | 1 964 929 |
| EFTA | 2 012 988 | 2 026 478 | 1 994 616 | 2 021 989 | 2 126 857 |
| G7 | 4 976 238 | 4 784 341 | 4 928 987 | 5 127 083 | 5 021 343 |
| MERCOSUR | 1 368 939 | 1 163 300 | 1 098 634 | 1 004 900 | 1 148 279 |
| NAFTA/USMCA | 3 953 008 | 3 821 041 | 3 979 803 | 4 145 327 | 4 044 550 |
| OECD | 9 840 960 | 9 757 024 | 9 783 855 | 9 916 754 | 9 854 201 |
| SADC | 1 293 495 | 1 285 125 | 1 281 756 | 1 288 125 | 1 278 756 |

Antimony

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------------------------------------|----------------|----------------|----------------|----------------|---------------|
| | metr. t | metr. t | metr. t | metr. t | metr. t |
| Development status: | | | | | |
| Developed C. | 3 132 | 2 178 | 2 034 | 3 905 | 3 382 |
| Developing C. | 106 769 | 79 306 | 76 164 | 67 784 | 51 605 |
| Least Developed C. | 4 820 | 2 970 | 4 870 | 6 600 | 3 110 |
| Transition C. | 34 220 | 60 548 | 51 591 | 41 122 | 35 900 |
| Total | 148 941 | 145 002 | 134 659 | 119 411 | 93 997 |
| Annual per capita income: | | | | | |
| High Income | 3 132 | 2 178 | 2 034 | 3 905 | 3 382 |
| Upper Middle Income | 110 113 | 106 889 | 94 677 | 81 283 | 55 853 |
| Lower Middle Income | 9 326 | 7 045 | 8 048 | 34 223 | 34 762 |
| Low Income | 26 370 | 28 890 | 29 900 | 0 | 0 |
| Total | 148 941 | 145 002 | 134 659 | 119 411 | 93 997 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 4 032 | 2 753 | 2 500 | 3 905 | 3 622 |
| Unstable | 140 054 | 134 374 | 123 214 | 107 824 | 85 512 |
| Extreme Unstable | 4 855 | 7 875 | 8 945 | 7 682 | 4 863 |
| Total | 148 941 | 145 002 | 134 659 | 119 411 | 93 997 |
| Country groups and economic blocks: | | | | | |
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 5 050 | 3 215 | 5 266 | 6 912 | 3 415 |
| BRICS | 103 803 | 101 224 | 90 093 | 78 527 | 51 230 |
| CPE | 97 913 | 70 641 | 68 818 | 61 307 | 41 785 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 1 | 5 | 2 | 2 | 2 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 241 | 305 | 291 | 138 | 415 |
| OECD | 8 212 | 6 048 | 6 138 | 6 611 | 8 005 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Arsenic

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------------------|---------------|---------------|---------------|---------------|---------------|
| | metr. t | metr. t | metr. t | metr. t | metr. t |
| Development status: | | | | | |
| Developed C. | 1 045 | 1 045 | 1 045 | 1 040 | 1 040 |
| Developing C. | 55 402 | 50 192 | 54 096 | 50 758 | 52 855 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 1 000 | 500 | 102 | 500 | 1 000 |
| Total | 57 447 | 51 737 | 55 243 | 52 298 | 54 895 |

Annual per capita income:

| | | | | | |
|---------------------|---------------|---------------|---------------|---------------|---------------|
| High Income | 1 045 | 1 045 | 1 045 | 1 040 | 1 040 |
| Upper Middle Income | 49 503 | 44 876 | 49 017 | 43 514 | 46 872 |
| Lower Middle Income | 6 899 | 5 816 | 5 181 | 7 744 | 6 983 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 57 447 | 51 737 | 55 243 | 52 298 | 54 895 |

Political stability:

| | | | | | |
|------------------|---------------|---------------|---------------|---------------|---------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 1 745 | 1 045 | 1 045 | 1 040 | 40 |
| Unstable | 55 702 | 50 692 | 54 198 | 51 258 | 54 855 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 57 447 | 51 737 | 55 243 | 52 298 | 54 895 |

Country groups and economic blocks:

| | | | | | |
|-------------|--------|--------|--------|--------|--------|
| ACP | 700 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 26 000 | 24 500 | 24 102 | 24 500 | 25 000 |
| CPE | 25 000 | 24 000 | 24 000 | 24 000 | 24 000 |
| EC | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 45 | 45 | 45 | 40 | 40 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 0 | 0 | 0 | 0 | 0 |
| OECD | 1 045 | 1 045 | 1 045 | 1 040 | 1 040 |
| SADC | 700 | 0 | 0 | 0 | 0 |

Bauxite (crude ore)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Development status: | | | | | |
| Developed C. | 91 844 366 | 98 061 428 | 107 212 912 | 105 209 462 | 104 651 114 |
| Developing C. | 152 644 372 | 161 756 073 | 168 710 732 | 171 709 470 | 174 219 504 |
| Least Developed C. | 55 016 374 | 63 168 287 | 73 299 243 | 89 956 745 | 88 843 125 |
| Transition C. | 12 359 331 | 14 389 608 | 12 577 468 | 12 116 361 | 12 137 129 |
| Total | 311 864 443 | 337 375 396 | 361 800 355 | 378 992 038 | 379 850 872 |

Annual per capita income:

| | | | | | |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| High Income | 95 969 366 | 102 967 428 | 112 339 912 | 110 437 389 | 110 139 114 |
| Upper Middle Income | 132 241 876 | 131 800 021 | 149 426 703 | 126 169 708 | 125 972 589 |
| Lower Middle Income | 30 160 727 | 41 085 860 | 27 968 527 | 53 270 112 | 54 896 082 |
| Low Income | 53 492 474 | 61 522 087 | 72 065 213 | 89 114 829 | 88 843 087 |
| Total | 311 864 443 | 337 375 396 | 361 800 355 | 378 992 038 | 379 850 872 |

Political stability:

| | | | | | |
|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 109 522 350 | 114 451 365 | 123 960 848 | 115 363 767 | 111 567 814 |
| Unstable | 200 305 574 | 221 142 021 | 234 612 303 | 262 478 408 | 267 279 613 |
| Extreme Unstable | 2 036 519 | 1 782 010 | 3 227 204 | 1 149 863 | 1 003 445 |
| Total | 311 864 443 | 337 375 396 | 361 800 355 | 378 992 038 | 379 850 872 |

Country groups and economic blocks:

| | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|
| ACP | 66 315 731 | 76 221 830 | 85 357 610 | 99 542 683 | 97 030 800 |
| ASEAN | 5 128 380 | 15 183 235 | 21 193 301 | 30 064 610 | 29 928 764 |
| BRICS | 135 093 206 | 133 874 619 | 133 727 827 | 129 925 348 | 133 408 547 |
| CPE | 70 955 000 | 74 320 700 | 77 023 700 | 73 610 000 | 72 500 000 |
| EC | 2 071 677 | 1 714 135 | 1 514 225 | 1 566 211 | 1 384 710 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 483 112 | 538 500 | 275 660 | 139 936 | 142 764 |
| MERCOSUR | 38 314 100 | 32 469 000 | 31 987 900 | 32 897 800 | 35 971 600 |
| NAFTA/USMCA | 352 100 | 399 700 | 154 900 | 16 440 | 0 |
| OECD | 93 551 295 | 98 727 790 | 109 454 050 | 107 876 948 | 108 104 739 |
| SADC | 3 194 | 9 919 | 8 024 | 6 517 | 7 890 |

Beryllium (concentrates)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 3 760 | 4 170 | 4 050 | 4 160 | 4 380 |
| Developing C. | 1 319 | 1 324 | 1 760 | 1 762 | 1 760 |
| Least Developed C. | 227 | 617 | 117 | 318 | 576 |
| Transition C. | 0 | 0 | 0 | 0 | 0 |
| Total | 5 306 | 6 111 | 5 927 | 6 240 | 6 716 |
| Annual per capita income: | | | | | |
| High Income | 3 760 | 4 170 | 4 050 | 4 160 | 4 380 |
| Upper Middle Income | 1 319 | 1 289 | 1 759 | 1 760 | 1 760 |
| Lower Middle Income | 4 | 42 | 8 | 4 | 0 |
| Low Income | 223 | 610 | 110 | 316 | 576 |
| Total | 5 306 | 6 111 | 5 927 | 6 240 | 6 716 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 3 794 | 4 207 | 4 070 | 4 180 | 4 406 |
| Unstable | 1 512 | 1 869 | 1 856 | 1 978 | 2 310 |
| Extreme Unstable | 0 | 35 | 1 | 82 | 0 |
| Total | 5 306 | 6 111 | 5 927 | 6 240 | 6 716 |

Country groups and economic blocks:

| | | | | | |
|-------------|-------|-------|-------|-------|-------|
| ACP | 227 | 652 | 118 | 320 | 576 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 1 319 | 1 289 | 1 759 | 1 760 | 1 760 |
| CPE | 1 250 | 1 250 | 1 750 | 1 750 | 1 750 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 3 760 | 4 170 | 4 050 | 4 160 | 4 380 |
| MERCOSUR | 69 | 39 | 9 | 10 | 10 |
| NAFTA/USMCA | 3 760 | 4 170 | 4 050 | 4 160 | 4 380 |
| OECD | 3 760 | 4 170 | 4 050 | 4 160 | 4 380 |
| SADC | 197 | 563 | 82 | 112 | 366 |

Bismuth

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 529 | 576 | 544 | 574 | 504 |
| Developing C. | 9 847 | 10 136 | 8 281 | 8 622 | 10 342 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 231 | 174 | 248 | 317 | 297 |
| Total | 10 607 | 10 886 | 9 073 | 9 513 | 11 143 |

Annual per capita income:

| | | | | | |
|---------------------|--------|--------|-------|-------|--------|
| High Income | 529 | 576 | 544 | 574 | 504 |
| Upper Middle Income | 7 667 | 7 632 | 7 610 | 7 889 | 8 543 |
| Lower Middle Income | 2 411 | 2 678 | 919 | 1 050 | 2 096 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 10 607 | 10 886 | 9 073 | 9 513 | 11 143 |

Political stability:

| | | | | | |
|------------------|--------|--------|-------|-------|--------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 3 132 | 3 215 | 1 461 | 574 | 504 |
| Unstable | 7 475 | 7 671 | 7 612 | 8 939 | 10 639 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 10 607 | 10 886 | 9 073 | 9 513 | 11 143 |

Country groups and economic blocks:

| | | | | | |
|-------------|-------|-------|-------|-------|--------|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 2 403 | 2 639 | 917 | 993 | 2 067 |
| BRICS | 6 830 | 7 015 | 7 046 | 7 545 | 8 045 |
| CPE | 9 203 | 9 639 | 7 917 | 8 493 | 10 067 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 529 | 576 | 544 | 574 | 504 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 517 | 318 | 295 | 4 | 4 |
| OECD | 1 042 | 889 | 835 | 574 | 504 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Cadmium

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|
| | metr. t | metr. t | metr. t | metr. t | metr. t |
| Development status: | | | | | |
| Developed C. | 6 772 | 6 388 | 6 081 | 6 006 | 10 270 |
| Developing C. | 15 833 | 18 095 | 16 354 | 15 825 | 11 530 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 4 172 | 2 288 | 2 450 | 2 950 | 2 970 |
| Total | 26 777 | 26 771 | 24 885 | 24 781 | 24 770 |
| Annual per capita income: | | | | | |
| High Income | 11 495 | 11 175 | 9 716 | 9 795 | 9 927 |
| Upper Middle Income | 14 729 | 15 159 | 14 769 | 14 386 | 14 223 |
| Lower Middle Income | 353 | 237 | 250 | 450 | 470 |
| Low Income | 200 | 200 | 150 | 150 | 150 |
| Total | 26 777 | 26 771 | 24 885 | 24 781 | 24 770 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 14 518 | 11 562 | 10 031 | 10 106 | 10 270 |
| Unstable | 12 259 | 15 209 | 14 854 | 14 675 | 14 500 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 26 777 | 26 771 | 24 885 | 24 781 | 24 770 |
| Country groups and economic blocks: | | | | | |
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 9 814 | 11 850 | 11 450 | 11 100 | 11 050 |
| CPE | 8 611 | 10 549 | 10 150 | 10 150 | 10 150 |
| EC | 2 262 | 2 098 | 1 994 | 1 771 | 1 939 |
| EFTA | 416 | 380 | 370 | 344 | 390 |
| G7 | 4 824 | 4 430 | 4 337 | 4 391 | 4 391 |
| MERCOSUR | 276 | 374 | 530 | 146 | 50 |
| NAFTA/USMCA | 3 094 | 3 237 | 2 886 | 2 989 | 3 092 |
| OECD | 12 541 | 12 482 | 10 668 | 10 773 | 10 978 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Copper

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | metr. t | metr. t | metr. t | metr. t | metr. t |
| Development status: | | | | | |
| Developed C. | 3 665 356 | 3 592 265 | 3 596 148 | 3 507 733 | 3 370 294 |
| Developing C. | 12 604 659 | 12 850 918 | 12 644 911 | 12 627 441 | 13 172 877 |
| Least Developed C. | 2 226 692 | 2 486 601 | 2 677 504 | 2 941 604 | 3 040 780 |
| Transition C. | 1 587 153 | 1 771 360 | 1 731 418 | 1 778 922 | 1 831 419 |
| Total | 20 083 860 | 20 701 144 | 20 649 981 | 20 855 700 | 21 415 370 |

Annual per capita income:

| | | | | | |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| High Income | 9 126 866 | 9 361 660 | 9 483 398 | 9 199 463 | 9 288 114 |
| Upper Middle Income | 7 341 224 | 7 441 379 | 7 736 772 | 7 186 630 | 7 306 011 |
| Lower Middle Income | 2 467 533 | 2 608 256 | 1 942 179 | 2 732 918 | 2 047 540 |
| Low Income | 1 148 237 | 1 289 849 | 1 487 632 | 1 736 689 | 2 773 705 |
| Total | 20 083 860 | 20 701 144 | 20 649 981 | 20 855 700 | 21 415 370 |

Political stability:

| | | | | | |
|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 11 102 957 | 10 860 983 | 10 019 070 | 9 846 558 | 10 517 836 |
| Unstable | 7 791 013 | 8 005 874 | 8 550 095 | 8 773 155 | 8 440 382 |
| Extreme Unstable | 1 189 890 | 1 834 287 | 2 080 816 | 2 235 987 | 2 457 152 |
| Total | 20 083 860 | 20 701 144 | 20 649 981 | 20 855 700 | 21 415 370 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----------|------------|------------|------------|-----------|
| ACP | 2 168 579 | 2 347 842 | 2 517 780 | 2 805 017 | 2 933 325 |
| ASEAN | 991 469 | 1 080 623 | 812 487 | 881 949 | 1 054 935 |
| BRICS | 2 949 124 | 2 954 172 | 2 940 204 | 3 050 626 | 3 225 648 |
| CPE | 2 057 420 | 1 968 530 | 2 005 670 | 2 042 730 | 2 239 610 |
| EC | 959 041 | 913 358 | 867 382 | 860 748 | 802 691 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 1 857 257 | 1 768 062 | 1 803 649 | 1 779 003 | 1 771 708 |
| MERCOSUR | 417 845 | 403 197 | 363 268 | 353 258 | 335 761 |
| NAFTA/USMCA | 2 599 440 | 2 464 591 | 2 517 313 | 2 579 282 | 2 505 785 |
| OECD | 9 876 566 | 10 085 132 | 10 046 429 | 10 040 765 | 9 733 365 |
| SADC | 2 000 843 | 2 179 522 | 2 347 913 | 2 659 467 | 2 812 650 |

Gallium

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 3 | 3 | 3 | 3 | 5 |
| Developing C. | 293 | 308 | 358 | 292 | 420 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 14 | 12 | 13 | 9 | 9 |
| Total | 310 | 323 | 374 | 304 | 434 |

Annual per capita income:

| | | | | | |
|---------------------|------------|------------|------------|------------|------------|
| High Income | 6 | 6 | 5 | 5 | 5 |
| Upper Middle Income | 295 | 311 | 364 | 295 | 425 |
| Lower Middle Income | 9 | 6 | 5 | 4 | 4 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 310 | 323 | 374 | 304 | 434 |

Political stability:

| | | | | | |
|------------------|------------|------------|------------|------------|------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 6 | 6 | 5 | 5 | 5 |
| Unstable | 295 | 311 | 364 | 299 | 429 |
| Extreme Unstable | 9 | 6 | 5 | 0 | 0 |
| Total | 310 | 323 | 374 | 304 | 434 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 295 | 311 | 364 | 295 | 425 |
| CPE | 290 | 305 | 356 | 290 | 420 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 3 | 3 | 3 | 3 | 3 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 0 | 0 | 0 | 0 | 0 |
| OECD | 6 | 6 | 5 | 5 | 5 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Germanium

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 4 | 4 | 4 | 4 | 4 |
| Developing C. | 87 | 95 | 85 | 86 | 132 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 7 | 7 | 6 | 6 | 6 |
| Total | 98 | 106 | 95 | 96 | 142 |
| Annual per capita income: | | | | | |
| High Income | 4 | 4 | 4 | 4 | 4 |
| Upper Middle Income | 93 | 101 | 90 | 91 | 137 |
| Lower Middle Income | 1 | 1 | 1 | 1 | 1 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 98 | 106 | 95 | 96 | 142 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 4 | 4 | 4 | 4 | 4 |
| Unstable | 93 | 101 | 90 | 92 | 138 |
| Extreme Unstable | 1 | 1 | 1 | 0 | 0 |
| Total | 98 | 106 | 95 | 96 | 142 |

Country groups and economic blocks:

| | | | | | |
|-------------|----|-----|----|----|-----|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 93 | 101 | 90 | 91 | 137 |
| CPE | 87 | 95 | 85 | 86 | 132 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 4 | 4 | 4 | 4 | 4 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 2 | 2 | 2 | 2 | 2 |
| OECD | 4 | 4 | 4 | 4 | 4 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Indium

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|-------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 197 | 191 | 189 | 187 | 360 |
| Developing C. | 580 | 635 | 722 | 745 | 547 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 5 | 4 | 6 | 10 | 10 |
| Total | 782 | 830 | 917 | 942 | 917 |
| Annual per capita income: | | | | | |
| High Income | 412 | 426 | 414 | 397 | 360 |
| Upper Middle Income | 370 | 404 | 503 | 545 | 557 |
| Lower Middle Income | 0 | 0 | 0 | 0 | 0 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 782 | 830 | 917 | 942 | 917 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 412 | 426 | 414 | 397 | 340 |
| Unstable | 370 | 404 | 503 | 545 | 577 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 782 | 830 | 917 | 942 | 917 |
| Country groups and economic blocks: | | | | | |
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 365 | 399 | 496 | 538 | 550 |
| CPE | 355 | 395 | 490 | 528 | 540 |
| EC | 60 | 63 | 58 | 60 | 60 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 177 | 171 | 169 | 167 | 150 |
| MERCOSUR | 5 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 67 | 58 | 61 | 61 | 44 |
| OECD | 412 | 426 | 414 | 397 | 360 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Lead

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|
| Development status: | | | | | |
| Developed C. | 897 213 | 936 453 | 1 009 919 | 1 003 850 | 1 032 183 |
| Developing C. | 3 271 009 | 3 234 957 | 3 479 694 | 3 357 990 | 3 259 163 |
| Least Developed C. | 19 450 | 25 260 | 35 340 | 28 890 | 18 620 |
| Transition C. | 466 520 | 432 770 | 416 640 | 354 900 | 370 630 |
| Total | 4 654 192 | 4 629 440 | 4 941 593 | 4 745 630 | 4 680 596 |
| Annual per capita income: | | | | | |
| High Income | 919 090 | 914 105 | 988 506 | 985 726 | 1 010 455 |
| Upper Middle Income | 3 214 220 | 3 163 052 | 3 420 277 | 3 171 911 | 3 037 082 |
| Lower Middle Income | 424 292 | 464 293 | 442 240 | 563 993 | 608 059 |
| Low Income | 96 590 | 87 990 | 90 570 | 24 000 | 25 000 |
| Total | 4 654 192 | 4 629 440 | 4 941 593 | 4 745 630 | 4 680 596 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 1 070 440 | 1 035 796 | 1 083 906 | 1 058 296 | 1 082 565 |
| Unstable | 3 481 452 | 3 420 404 | 3 646 977 | 3 551 340 | 3 458 254 |
| Extreme Unstable | 102 300 | 173 240 | 210 710 | 135 994 | 139 777 |
| Total | 4 654 192 | 4 629 440 | 4 941 593 | 4 745 630 | 4 680 596 |
| Country groups and economic blocks: | | | | | |
| ACP | 79 715 | 82 689 | 108 806 | 87 038 | 116 854 |
| ASEAN | 27 685 | 50 640 | 57 290 | 48 280 | 36 155 |
| BRICS | 2 512 529 | 2 487 415 | 2 550 631 | 2 419 379 | 2 448 231 |
| CPE | 2 124 990 | 2 119 200 | 2 184 000 | 2 049 500 | 2 081 050 |
| EC | 171 546 | 192 008 | 212 326 | 208 809 | 188 910 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 330 577 | 297 974 | 296 758 | 300 870 | 356 256 |
| MERCOSUR | 47 094 | 35 537 | 48 672 | 28 359 | 23 405 |
| NAFTA/USMCA | 573 499 | 528 743 | 668 714 | 769 256 | 628 387 |
| OECD | 1 196 967 | 1 220 964 | 1 431 572 | 1 535 732 | 1 376 346 |
| SADC | 53 955 | 39 409 | 49 256 | 36 938 | 41 354 |

Lithium (Li₂O-Content)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 100 740 | 126 364 | 109 060 | 90 800 | 116 330 |
| Developing C. | 61 983 | 72 566 | 83 005 | 96 155 | 116 200 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 0 | 0 | 0 | 0 | 0 |
| Total | 162 723 | 198 930 | 192 065 | 186 955 | 232 530 |

Annual per capita income:

| | | | | | |
|---------------------|----------------|----------------|----------------|----------------|----------------|
| High Income | 145 620 | 165 214 | 154 000 | 140 530 | 181 390 |
| Upper Middle Income | 15 233 | 30 496 | 35 245 | 45 485 | 49 040 |
| Lower Middle Income | 20 | 3 220 | 2 820 | 940 | 2 100 |
| Low Income | 1 850 | 0 | 0 | 0 | 0 |
| Total | 162 723 | 198 930 | 192 065 | 186 955 | 232 530 |

Political stability:

| | | | | | |
|------------------|----------------|----------------|----------------|----------------|----------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 145 620 | 179 624 | 154 000 | 140 530 | 181 390 |
| Unstable | 17 103 | 19 256 | 38 055 | 46 425 | 51 120 |
| Extreme Unstable | 0 | 50 | 10 | 0 | 20 |
| Total | 162 723 | 198 930 | 192 065 | 186 955 | 232 530 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|---------|---------|---------|---------|
| ACP | 1 850 | 3 810 | 2 660 | 860 | 1 690 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 15 233 | 16 086 | 21 575 | 32 865 | 36 170 |
| CPE | 14 700 | 15 300 | 19 000 | 28 800 | 30 500 |
| EC | 604 | 914 | 710 | 280 | 225 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 1 486 | 10 250 | 2 650 | 1 220 | 2 505 |
| MERCOSUR | 12 893 | 14 596 | 16 245 | 16 685 | 18 540 |
| NAFTA/USMCA | 1 486 | 10 250 | 2 650 | 1 220 | 2 505 |
| OECD | 133 260 | 165 214 | 154 000 | 140 530 | 181 390 |
| SADC | 1 850 | 3 760 | 2 650 | 860 | 1 670 |

Mercury

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 15 | 15 | 15 | 15 | 15 |
| Developing C. | 2 221 | 2 591 | 2 148 | 2 065 | 1 442 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 160 | 258 | 150 | 210 | 200 |
| Total | 2 396 | 2 864 | 2 313 | 2 290 | 1 657 |

Annual per capita income:

| | | | | | |
|---------------------|--------------|--------------|--------------|--------------|--------------|
| High Income | 74 | 18 | 15 | 15 | 15 |
| Upper Middle Income | 2 202 | 2 633 | 2 196 | 2 093 | 1 470 |
| Lower Middle Income | 20 | 93 | 22 | 182 | 172 |
| Low Income | 100 | 120 | 80 | 0 | 0 |
| Total | 2 396 | 2 864 | 2 313 | 2 290 | 1 657 |

Political stability:

| | | | | | |
|------------------|-------|-------|-------|-------|-------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 74 | 68 | 15 | 15 | 15 |
| Unstable | 2 322 | 2 796 | 2 298 | 2 275 | 1 642 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 2 396 | 2 864 | 2 313 | 2 290 | 1 657 |

Country groups and economic blocks:

| | | | | | |
|-------------|-------|-------|-------|-------|-------|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 1 999 | 2 353 | 2 096 | 2 023 | 1 430 |
| CPE | 1 949 | 2 303 | 2 046 | 1 993 | 1 400 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 15 | 15 | 15 | 15 | 15 |
| MERCOSUR | 54 | 50 | 50 | 0 | 0 |
| NAFTA/USMCA | 215 | 245 | 65 | 85 | 55 |
| OECD | 220 | 248 | 65 | 85 | 55 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Rare Earth Minerals (REO-Content)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 17 264 | 32 556 | 45 280 | 57 943 | 64 383 |
| Developing C. | 108 440 | 123 610 | 134 970 | 142 960 | 171 210 |
| Least Developed C. | 5 031 | 23 431 | 20 495 | 25 596 | 31 334 |
| Transition C. | 2 500 | 2 596 | 2 620 | 2 663 | 2 276 |
| Total | 133 235 | 182 193 | 203 365 | 229 162 | 269 203 |
| Annual per capita income: | | | | | |
| High Income | 17 264 | 32 556 | 45 280 | 57 943 | 64 383 |
| Upper Middle Income | 109 580 | 124 096 | 135 070 | 143 123 | 170 886 |
| Lower Middle Income | 6 360 | 22 510 | 19 620 | 23 500 | 29 700 |
| Low Income | 31 | 3 031 | 3 395 | 4 596 | 4 234 |
| Total | 133 235 | 182 193 | 203 365 | 229 162 | 269 203 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 17 444 | 33 546 | 45 350 | 57 953 | 64 413 |
| Unstable | 115 760 | 127 616 | 140 720 | 149 913 | 177 556 |
| Extreme Unstable | 31 | 21 031 | 17 295 | 21 296 | 27 234 |
| Total | 133 235 | 182 193 | 203 365 | 229 162 | 269 203 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|---------|---------|---------|---------|
| ACP | 31 | 3 031 | 3 395 | 4 596 | 4 234 |
| ASEAN | 5 180 | 21 390 | 17 170 | 21 010 | 27 130 |
| BRICS | 110 760 | 125 216 | 137 520 | 145 613 | 173 456 |
| CPE | 105 000 | 120 000 | 132 000 | 140 000 | 168 000 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 0 | 14 000 | 27 620 | 38 503 | 42 413 |
| MERCOSUR | 1 900 | 510 | 380 | 450 | 580 |
| NAFTA/USMCA | 0 | 14 000 | 27 620 | 38 503 | 42 413 |
| OECD | 17 264 | 32 556 | 45 280 | 57 943 | 64 383 |
| SADC | 0 | 2 400 | 3 200 | 4 300 | 4 100 |

Rhenium

| | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg |
|-------------------------------------|------------|------------|------------|------------|------------|
| Development status: | | | | | |
| Developed C. | 15 764 | 14 510 | 14 130 | 15 410 | 15 691 |
| Developing C. | 22 951 | 28 552 | 26 503 | 17 049 | 21 331 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 4 890 | 3 380 | 3 110 | 4 260 | 5 540 |
| Total | 43 605 | 46 442 | 43 743 | 36 719 | 42 562 |
| Annual per capita income: | | | | | |
| High Income | 36 215 | 40 562 | 38 133 | 29 959 | 34 522 |
| Upper Middle Income | 6 860 | 5 380 | 4 810 | 5 760 | 5 670 |
| Lower Middle Income | 530 | 500 | 800 | 1 000 | 2 370 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 43 605 | 46 442 | 43 743 | 36 719 | 42 562 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 38 815 | 40 562 | 38 133 | 29 959 | 34 522 |
| Unstable | 4 790 | 5 880 | 5 610 | 6 760 | 8 040 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 43 605 | 46 442 | 43 743 | 36 719 | 42 562 |
| Country groups and economic blocks: | | | | | |
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 4 000 | 3 500 | 3 500 | 4 500 | 4 500 |
| CPE | 2 500 | 2 500 | 2 500 | 2 500 | 2 500 |
| EC | 7 564 | 6 290 | 5 770 | 6 580 | 6 401 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 8 200 | 8 220 | 8 360 | 8 830 | 9 290 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 8 200 | 8 220 | 8 360 | 8 830 | 9 290 |
| OECD | 36 215 | 40 562 | 38 133 | 29 959 | 34 522 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Selenium

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|-------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 1 720 | 1 739 | 1 730 | 1 635 | 1 583 |
| Developing C. | 998 | 1 206 | 1 550 | 1 399 | 1 803 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 287 | 251 | 253 | 245 | 324 |
| Total | 3 005 | 3 196 | 3 533 | 3 279 | 3 710 |
| Annual per capita income: | | | | | |
| High Income | 1 720 | 1 739 | 1 730 | 1 635 | 1 583 |
| Upper Middle Income | 1 143 | 1 312 | 1 656 | 1 484 | 1 817 |
| Lower Middle Income | 142 | 145 | 147 | 160 | 310 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 3 005 | 3 196 | 3 533 | 3 279 | 3 710 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 1 787 | 1 767 | 1 730 | 1 635 | 1 383 |
| Unstable | 1 218 | 1 429 | 1 803 | 1 644 | 2 327 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 3 005 | 3 196 | 3 533 | 3 279 | 3 710 |
| Country groups and economic blocks: | | | | | |
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 100 | 100 | 100 | 100 | 200 |
| BRICS | 931 | 1 132 | 1 460 | 1 335 | 1 650 |
| CPE | 720 | 930 | 1 250 | 1 120 | 1 400 |
| EC | 740 | 734 | 744 | 727 | 736 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 1 280 | 1 305 | 1 286 | 1 208 | 1 147 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 300 | 344 | 373 | 274 | 262 |
| OECD | 1 832 | 1 846 | 1 857 | 1 741 | 1 718 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Tellurium

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 96 | 132 | 109 | 141 | 139 |
| Developing C. | 470 | 480 | 380 | 260 | 530 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 47 | 37 | 40 | 58 | 65 |
| Total | 613 | 649 | 529 | 459 | 734 |

Annual per capita income:

| | | | | | |
|---------------------|------------|------------|------------|------------|------------|
| High Income | 91 | 128 | 106 | 137 | 136 |
| Upper Middle Income | 519 | 519 | 421 | 319 | 593 |
| Lower Middle Income | 3 | 2 | 2 | 3 | 5 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 613 | 649 | 529 | 459 | 734 |

Political stability:

| | | | | | |
|------------------|------------|------------|------------|------------|------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 96 | 132 | 109 | 141 | 139 |
| Unstable | 517 | 517 | 420 | 318 | 595 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 613 | 649 | 529 | 459 | 734 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 514 | 515 | 418 | 315 | 590 |
| CPE | 470 | 480 | 380 | 260 | 530 |
| EC | 40 | 49 | 44 | 46 | 44 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 56 | 83 | 65 | 95 | 95 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 18 | 25 | 15 | 25 | 27 |
| OECD | 91 | 128 | 106 | 137 | 136 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Tin

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 7 762 | 7 283 | 7 947 | 8 337 | 9 052 |
| Developing C. | 224 780 | 240 873 | 230 828 | 215 520 | 205 581 |
| Least Developed C. | 82 353 | 67 466 | 53 376 | 50 896 | 53 083 |
| Transition C. | 1 011 | 1 531 | 2 471 | 2 559 | 3 317 |
| Total | 315 906 | 317 153 | 294 622 | 277 312 | 271 033 |
| Annual per capita income: | | | | | |
| High Income | 7 762 | 7 283 | 7 947 | 8 337 | 9 052 |
| Upper Middle Income | 115 842 | 128 708 | 202 851 | 137 972 | 140 734 |
| Lower Middle Income | 178 224 | 168 626 | 69 896 | 114 182 | 103 142 |
| Low Income | 14 078 | 12 536 | 13 928 | 16 821 | 18 105 |
| Total | 315 906 | 317 153 | 294 622 | 277 312 | 271 033 |

Political stability:

| | | | | | |
|------------------|----------------|----------------|----------------|----------------|----------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 22 206 | 20 756 | 21 264 | 14 172 | 17 047 |
| Unstable | 274 926 | 224 975 | 216 425 | 208 939 | 197 321 |
| Extreme Unstable | 18 774 | 71 422 | 56 933 | 54 201 | 56 665 |
| Total | 315 906 | 317 153 | 294 622 | 277 312 | 271 033 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|---------|---------|---------|---------|
| ACP | 22 338 | 20 386 | 20 853 | 23 068 | 25 645 |
| ASEAN | 156 705 | 147 399 | 125 846 | 96 616 | 78 699 |
| BRICS | 92 905 | 106 208 | 102 934 | 113 925 | 109 854 |
| CPE | 80 020 | 92 840 | 91 973 | 101 258 | 98 160 |
| EC | 360 | 412 | 209 | 219 | 280 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 255 | 220 | 0 | 0 | 0 |
| MERCOSUR | 17 081 | 17 591 | 14 867 | 16 893 | 15 517 |
| NAFTA/USMCA | 0 | 0 | 0 | 0 | 0 |
| OECD | 7 762 | 7 283 | 7 947 | 8 347 | 9 052 |
| SADC | 10 459 | 8 956 | 11 015 | 14 947 | 16 400 |

Zinc

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Development status: | | | | | |
| Developed C. | 2 651 577 | 3 066 990 | 3 188 661 | 3 059 499 | 3 060 964 |
| Developing C. | 8 231 173 | 8 124 311 | 8 857 430 | 8 619 818 | 8 811 744 |
| Least Developed C. | 212 417 | 240 529 | 244 477 | 228 395 | 241 490 |
| Transition C. | 803 820 | 825 246 | 791 002 | 760 564 | 814 526 |
| Total | 11 898 987 | 12 257 076 | 13 081 570 | 12 668 276 | 12 928 724 |
| Annual per capita income: | | | | | |
| High Income | 2 709 064 | 3 103 840 | 3 206 491 | 3 101 581 | 3 093 579 |
| Upper Middle Income | 7 311 913 | 7 294 415 | 8 038 412 | 7 692 205 | 7 744 137 |
| Lower Middle Income | 1 549 803 | 1 519 282 | 1 490 560 | 1 633 265 | 1 833 118 |
| Low Income | 328 207 | 339 539 | 346 107 | 241 225 | 257 890 |
| Total | 11 898 987 | 12 257 076 | 13 081 570 | 12 668 276 | 12 928 724 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 3 233 072 | 3 362 038 | 3 451 698 | 3 253 772 | 3 224 435 |
| Unstable | 8 456 088 | 8 499 751 | 9 197 300 | 9 111 015 | 9 419 299 |
| Extreme Unstable | 209 827 | 395 287 | 432 572 | 303 489 | 284 990 |
| Total | 11 898 987 | 12 257 076 | 13 081 570 | 12 668 276 | 12 928 724 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|
| ACP | 395 185 | 445 316 | 570 741 | 527 112 | 550 861 |
| ASEAN | 40 530 | 48 420 | 53 145 | 43 710 | 37 080 |
| BRICS | 5 083 426 | 4 935 302 | 5 496 180 | 5 409 938 | 5 591 798 |
| CPE | 3 960 750 | 3 849 200 | 4 351 080 | 4 190 030 | 4 258 690 |
| EC | 678 837 | 791 245 | 775 340 | 779 055 | 727 276 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 1 120 576 | 1 128 964 | 1 076 000 | 965 534 | 1 014 158 |
| MERCOSUR | 179 740 | 191 823 | 182 865 | 185 652 | 166 101 |
| NAFTA/USMCA | 1 792 020 | 1 791 319 | 1 935 194 | 1 973 786 | 1 757 084 |
| OECD | 3 491 229 | 3 923 595 | 4 183 955 | 4 219 343 | 3 984 895 |
| SADC | 175 035 | 147 486 | 251 394 | 238 381 | 251 044 |

6.3.3 Precious Metals

Gold

| | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg |
|---------------------------|------------------|------------------|------------------|------------------|------------------|
| Development status: | | | | | |
| Developed C. | 756 031 | 782 946 | 761 606 | 744 722 | 763 366 |
| Developing C. | 1 698 315 | 1 707 372 | 1 651 438 | 1 476 979 | 1 440 950 |
| Least Developed C. | 394 765 | 378 555 | 352 366 | 409 204 | 451 716 |
| Transition C. | 487 374 | 515 613 | 562 555 | 574 756 | 579 151 |
| Total | 3 336 485 | 3 384 486 | 3 327 965 | 3 205 661 | 3 235 183 |
| Annual per capita income: | | | | | |
| High Income | 855 591 | 822 830 | 807 068 | 782 163 | 804 238 |
| Upper Middle Income | 1 485 867 | 1 527 720 | 1 628 271 | 1 467 503 | 1 431 728 |
| Lower Middle Income | 686 644 | 764 383 | 608 696 | 629 155 | 629 337 |
| Low Income | 308 383 | 269 553 | 283 930 | 326 840 | 369 880 |
| Total | 3 336 485 | 3 384 486 | 3 327 965 | 3 205 661 | 3 235 183 |
| Political stability: | | | | | |
| Stable | 10 288 | 10 045 | 8 217 | 5 860 | 5 815 |
| Fair | 1 185 483 | 976 184 | 1 048 993 | 989 401 | 974 708 |
| Unstable | 1 889 700 | 2 141 830 | 2 037 760 | 2 043 580 | 2 069 476 |
| Extreme Unstable | 251 014 | 256 427 | 232 995 | 166 820 | 185 184 |
| Total | 3 336 485 | 3 384 486 | 3 327 965 | 3 205 661 | 3 235 183 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|---------|---------|-----------|-----------|
| ACP | 881 949 | 862 417 | 822 839 | 814 554 | 818 003 |
| ASEAN | 134 548 | 165 609 | 138 752 | 95 463 | 111 418 |
| BRICS | 915 100 | 884 975 | 882 195 | 869 735 | 842 200 |
| CPE | 456 548 | 432 344 | 407 005 | 396 125 | 358 698 |
| EC | 30 312 | 32 417 | 29 230 | 31 865 | 34 391 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 421 930 | 426 145 | 397 920 | 379 083 | 415 840 |
| MERCOSUR | 149 828 | 153 088 | 152 213 | 142 858 | 139 383 |
| NAFTA/USMCA | 542 374 | 560 826 | 525 435 | 514 242 | 534 300 |
| OECD | 932 973 | 977 232 | 965 135 | 1 040 848 | 1 049 474 |
| SADC | 254 947 | 243 623 | 232 137 | 215 951 | 242 679 |

Palladium

| | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg |
|--|------------|------------|------------|------------|------------|
|--|------------|------------|------------|------------|------------|

Development status:

| | | | | | |
|--------------------|----------------|----------------|----------------|----------------|----------------|
| Developed C. | 34 378 | 36 739 | 38 757 | 37 267 | 30 405 |
| Developing C. | 93 935 | 94 023 | 93 624 | 80 454 | 98 255 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 76 320 | 92 625 | 93 028 | 82 181 | 83 930 |
| Total | 204 633 | 223 387 | 225 409 | 199 902 | 212 590 |

Annual per capita income:

| | | | | | |
|---------------------|----------------|----------------|----------------|----------------|----------------|
| High Income | 34 378 | 36 739 | 38 757 | 37 267 | 30 405 |
| Upper Middle Income | 158 433 | 174 554 | 174 984 | 149 654 | 169 406 |
| Lower Middle Income | 0 | 12 094 | 11 668 | 12 981 | 12 779 |
| Low Income | 11 822 | 0 | 0 | 0 | 0 |
| Total | 204 633 | 223 387 | 225 409 | 199 902 | 212 590 |

Political stability:

| | | | | | |
|------------------|----------------|----------------|----------------|----------------|----------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 34 428 | 36 794 | 38 757 | 37 267 | 30 405 |
| Unstable | 170 205 | 186 593 | 186 652 | 162 635 | 182 185 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 204 633 | 223 387 | 225 409 | 199 902 | 212 590 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|---------|---------|---------|---------|
| ACP | 92 535 | 92 723 | 92 324 | 79 154 | 96 955 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 158 383 | 174 499 | 174 884 | 149 554 | 169 266 |
| CPE | 1 400 | 1 300 | 1 300 | 1 300 | 1 300 |
| EC | 1 028 | 1 162 | 704 | 862 | 1 040 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 32 740 | 35 147 | 37 663 | 35 985 | 28 985 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 32 740 | 35 147 | 37 663 | 35 985 | 28 985 |
| OECD | 34 378 | 36 739 | 38 757 | 37 267 | 30 405 |
| SADC | 92 535 | 92 723 | 92 324 | 79 154 | 96 955 |

Platinum

| | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg |
|-------------------------------------|----------------|----------------|----------------|----------------|----------------|
| Development status: | | | | | |
| Developed C. | 12 414 | 13 319 | 13 548 | 13 946 | 11 519 |
| Developing C. | 149 824 | 154 526 | 149 524 | 129 911 | 159 476 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 22 403 | 21 376 | 22 430 | 21 762 | 19 870 |
| Total | 184 641 | 189 221 | 185 502 | 165 619 | 190 865 |
| Annual per capita income: | | | | | |
| High Income | 12 414 | 13 319 | 13 548 | 13 946 | 11 519 |
| Upper Middle Income | 157 970 | 161 199 | 158 097 | 136 669 | 164 614 |
| Lower Middle Income | 0 | 14 703 | 13 857 | 15 004 | 14 732 |
| Low Income | 14 257 | 0 | 0 | 0 | 0 |
| Total | 184 641 | 189 221 | 185 502 | 165 619 | 190 865 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 12 417 | 13 325 | 13 548 | 13 946 | 11 519 |
| Unstable | 172 224 | 175 896 | 171 954 | 151 673 | 179 346 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 184 641 | 189 221 | 185 502 | 165 619 | 190 865 |
| Country groups and economic blocks: | | | | | |
| ACP | 146 757 | 151 756 | 146 846 | 126 997 | 156 358 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 157 400 | 160 923 | 157 909 | 136 233 | 163 966 |
| CPE | 2 500 | 2 500 | 2 500 | 2 500 | 2 500 |
| EC | 1 429 | 1 584 | 961 | 1 283 | 1 452 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 10 830 | 11 625 | 12 492 | 12 563 | 9 977 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 10 830 | 11 625 | 12 492 | 12 563 | 9 977 |
| OECD | 12 414 | 13 319 | 13 548 | 14 360 | 12 137 |
| SADC | 146 757 | 151 756 | 146 846 | 126 997 | 156 358 |

Rhodium

| | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg |
|---------------------|---------------|---------------|---------------|---------------|---------------|
| Development status: | | | | | |
| Developed C. | 700 | 850 | 930 | 830 | 620 |
| Developing C. | 19 948 | 19 942 | 20 769 | 18 340 | 22 209 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 2 426 | 2 146 | 2 115 | 1 800 | 1 650 |
| Total | 23 074 | 22 938 | 23 814 | 20 970 | 24 479 |

Annual per capita income:

| | | | | | |
|---------------------|---------------|---------------|---------------|---------------|---------------|
| High Income | 700 | 850 | 930 | 830 | 620 |
| Upper Middle Income | 21 091 | 20 754 | 21 660 | 18 772 | 22 525 |
| Lower Middle Income | 0 | 1 334 | 1 224 | 1 368 | 1 334 |
| Low Income | 1 283 | 0 | 0 | 0 | 0 |
| Total | 23 074 | 22 938 | 23 814 | 20 970 | 24 479 |

Political stability:

| | | | | | |
|------------------|---------------|---------------|---------------|---------------|---------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 700 | 850 | 930 | 830 | 620 |
| Unstable | 22 374 | 22 088 | 22 884 | 20 140 | 23 859 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 23 074 | 22 938 | 23 814 | 20 970 | 24 479 |

Country groups and economic blocks:

| | | | | | |
|-------------|--------|--------|--------|--------|--------|
| ACP | 19 948 | 19 942 | 20 769 | 18 340 | 22 209 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 21 091 | 20 754 | 21 660 | 18 772 | 22 525 |
| CPE | 0 | 0 | 0 | 0 | 0 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 700 | 850 | 930 | 830 | 620 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 700 | 850 | 930 | 830 | 620 |
| OECD | 700 | 850 | 930 | 830 | 620 |
| SADC | 19 948 | 19 942 | 20 769 | 18 340 | 22 209 |

Silver

| | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Development status: | | | | | |
| Developed C. | 4 568 097 | 4 612 895 | 4 655 841 | 4 674 379 | 4 755 530 |
| Developing C. | 19 669 817 | 20 498 270 | 20 631 642 | 18 832 083 | 18 467 163 |
| Least Developed C. | 70 200 | 96 150 | 106 697 | 127 168 | 123 653 |
| Transition C. | 2 746 409 | 2 628 690 | 2 691 482 | 2 708 931 | 2 592 576 |
| Total | 27 054 523 | 27 836 005 | 28 085 662 | 26 342 561 | 25 938 922 |

Annual per capita income:

| | | | | | |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| High Income | 6 821 152 | 5 931 686 | 5 971 992 | 6 207 729 | 6 167 147 |
| Upper Middle Income | 17 217 863 | 18 909 144 | 19 435 207 | 17 236 397 | 16 620 639 |
| Lower Middle Income | 2 913 599 | 2 858 930 | 2 558 557 | 2 764 619 | 3 015 115 |
| Low Income | 101 909 | 136 245 | 119 906 | 133 816 | 136 021 |
| Total | 27 054 523 | 27 836 005 | 28 085 662 | 26 342 561 | 25 938 922 |

Political stability:

| | | | | | |
|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Stable | 8 022 | 6 332 | 4 060 | 1 393 | 3 055 |
| Fair | 8 179 542 | 7 295 528 | 6 238 597 | 6 511 759 | 6 418 180 |
| Unstable | 18 706 343 | 20 273 201 | 21 542 705 | 19 770 889 | 19 459 187 |
| Extreme Unstable | 160 616 | 260 944 | 300 300 | 58 520 | 58 500 |
| Total | 27 054 523 | 27 836 005 | 28 085 662 | 26 342 561 | 25 938 922 |

Country groups and economic blocks:

| | | | | | |
|-------------|------------|------------|------------|------------|------------|
| ACP | 322 706 | 394 325 | 412 229 | 354 248 | 322 541 |
| ASEAN | 404 762 | 377 599 | 553 796 | 391 622 | 354 446 |
| BRICS | 5 660 027 | 5 615 553 | 5 590 243 | 5 598 143 | 5 556 756 |
| CPE | 3 757 590 | 3 579 120 | 3 597 864 | 3 533 562 | 3 640 635 |
| EC | 2 013 704 | 2 010 898 | 1 984 803 | 1 976 588 | 2 064 033 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 1 432 196 | 1 346 185 | 1 346 019 | 1 363 154 | 1 354 723 |
| MERCOSUR | 1 044 361 | 1 073 368 | 1 120 670 | 835 517 | 923 470 |
| NAFTA/USMCA | 7 237 822 | 8 580 930 | 8 824 024 | 8 779 416 | 7 463 026 |
| OECD | 11 784 483 | 13 370 767 | 13 639 157 | 13 743 492 | 12 390 543 |
| SADC | 83 313 | 65 758 | 79 618 | 62 225 | 66 100 |

6.3.4 Industrial Minerals

Asbestos

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| Development status: | | | | | |
| Developed C. | 0 | 0 | 0 | 0 | 0 |
| Developing C. | 254 120 | 281 439 | 137 205 | 197 057 | 292 256 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 902 950 | 955 817 | 1 000 300 | 935 211 | 1 000 100 |
| Total | 1 157 070 | 1 237 256 | 1 137 505 | 1 132 268 | 1 292 356 |

Annual per capita income:

| | | | | | |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| High Income | 26 | 0 | 0 | 0 | 0 |
| Upper Middle Income | 1 157 044 | 1 237 256 | 1 137 505 | 1 132 268 | 1 292 356 |
| Lower Middle Income | 0 | 0 | 0 | 0 | 0 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 1 157 070 | 1 237 256 | 1 137 505 | 1 132 268 | 1 292 356 |

Political stability:

| | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 192 726 | 0 | 0 | 0 | 0 |
| Unstable | 964 344 | 1 237 256 | 1 137 505 | 1 132 268 | 1 292 356 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 1 157 070 | 1 237 256 | 1 137 505 | 1 132 268 | 1 292 356 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|-----------|---------|---------|-----------|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 964 344 | 1 034 356 | 926 805 | 904 868 | 1 042 256 |
| CPE | 125 000 | 170 000 | 125 000 | 120 000 | 120 000 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 0 | 0 | 0 | 0 | 0 |
| MERCOSUR | 129 120 | 111 439 | 12 205 | 77 057 | 172 256 |
| NAFTA/USMCA | 0 | 0 | 0 | 0 | 0 |
| OECD | 0 | 0 | 0 | 0 | 0 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Baryte

| | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|---------|---------|---------|---------|---------|
| | metr. t | metr. t | metr. t | metr. t | metr. t |

Development status:

| | | | | | |
|--------------------|------------------|------------------|------------------|------------------|------------------|
| Developed C. | 561 835 | 596 532 | 608 456 | 283 065 | 458 498 |
| Developing C. | 7 565 237 | 7 952 598 | 8 150 948 | 6 753 327 | 6 602 720 |
| Least Developed C. | 36 531 | 44 658 | 61 039 | 98 920 | 39 623 |
| Transition C. | 790 900 | 1 038 500 | 693 600 | 710 300 | 1 268 500 |
| Total | 8 954 503 | 9 632 288 | 9 514 043 | 7 845 612 | 8 369 341 |

Annual per capita income:

| | | | | | |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| High Income | 513 388 | 526 532 | 536 456 | 242 065 | 386 498 |
| Upper Middle Income | 5 326 611 | 5 462 380 | 4 809 256 | 4 048 996 | 4 134 772 |
| Lower Middle Income | 3 110 304 | 3 639 176 | 4 164 331 | 3 550 551 | 3 844 071 |
| Low Income | 4 200 | 4 200 | 4 000 | 4 000 | 4 000 |
| Total | 8 954 503 | 9 632 288 | 9 514 043 | 7 845 612 | 8 369 341 |

Political stability:

| | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 1 250 613 | 688 757 | 700 056 | 379 343 | 495 901 |
| Unstable | 7 315 015 | 7 902 274 | 8 023 680 | 7 121 986 | 7 521 738 |
| Extreme Unstable | 388 875 | 1 041 257 | 790 307 | 344 283 | 351 702 |
| Total | 8 954 503 | 9 632 288 | 9 514 043 | 7 845 612 | 8 369 341 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|
| ACP | 717 | 387 | 370 | 544 | 460 |
| ASEAN | 254 485 | 162 148 | 137 683 | 172 814 | 84 211 |
| BRICS | 5 387 490 | 5 663 433 | 5 811 258 | 5 266 849 | 4 952 361 |
| CPE | 3 174 200 | 2 954 200 | 2 947 000 | 2 555 500 | 2 243 600 |
| EC | 168 877 | 173 997 | 152 474 | 117 656 | 99 921 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 473 177 | 508 897 | 534 474 | 242 065 | 385 371 |
| MERCOSUR | 31 828 | 16 602 | 13 121 | 1 849 | 361 |
| NAFTA/USMCA | 743 912 | 782 234 | 869 180 | 646 363 | 628 092 |
| OECD | 1 150 194 | 1 357 904 | 1 365 447 | 1 008 226 | 963 960 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Bentonite

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Development status: | | | | | |
| Developed C. | 7 313 162 | 7 781 091 | 7 743 148 | 6 913 035 | 7 537 553 |
| Developing C. | 12 615 538 | 12 670 936 | 12 702 702 | 10 723 347 | 10 133 950 |
| Least Developed C. | 885 | 1 631 | 77 734 | 80 689 | 119 192 |
| Transition C. | 1 276 485 | 1 337 398 | 1 257 090 | 1 189 430 | 996 280 |
| Total | 21 206 070 | 21 791 056 | 21 780 674 | 18 906 501 | 18 786 975 |
| Annual per capita income: | | | | | |
| High Income | 7 443 337 | 7 741 391 | 7 749 159 | 6 848 674 | 7 430 685 |
| Upper Middle Income | 9 925 780 | 9 928 006 | 9 898 330 | 7 102 666 | 6 115 672 |
| Lower Middle Income | 3 836 668 | 4 120 568 | 4 055 451 | 4 874 972 | 5 121 926 |
| Low Income | 285 | 1 091 | 77 734 | 80 189 | 118 692 |
| Total | 21 206 070 | 21 791 056 | 21 780 674 | 18 906 501 | 18 786 975 |
| Political stability: | | | | | |
| Stable | 700 | 4 482 | 500 | 500 | 500 |
| Fair | 6 557 531 | 8 002 317 | 7 794 163 | 6 935 055 | 7 557 450 |
| Unstable | 13 005 652 | 11 775 690 | 11 518 353 | 11 067 831 | 10 015 498 |
| Extreme Unstable | 1 642 187 | 2 008 567 | 2 467 658 | 903 115 | 1 213 527 |
| Total | 21 206 070 | 21 791 056 | 21 780 674 | 18 906 501 | 18 786 975 |
| Country groups and economic blocks: | | | | | |
| ACP | 166 015 | 175 207 | 183 322 | 166 233 | 217 815 |
| ASEAN | 3 220 | 11 340 | 13 050 | 5 220 | 6 559 |
| BRICS | 10 540 034 | 10 648 936 | 10 433 847 | 8 412 613 | 6 868 606 |
| CPE | 5 600 589 | 5 600 630 | 5 600 504 | 3 650 486 | 2 500 517 |
| EC | 2 544 462 | 2 866 045 | 2 916 648 | 2 369 822 | 2 603 349 |
| EFTA | 0 | 3 234 | 0 | 0 | 12 803 |
| G7 | 5 226 603 | 5 334 763 | 5 254 720 | 4 934 989 | 5 271 252 |
| MERCOSUR | 780 319 | 692 729 | 530 493 | 331 605 | 372 945 |
| NAFTA/USMCA | 4 598 475 | 4 834 800 | 4 544 321 | 4 329 219 | 4 670 000 |
| OECD | 8 814 446 | 9 231 586 | 9 175 220 | 8 657 428 | 9 481 029 |
| SADC | 165 426 | 174 577 | 182 818 | 165 747 | 217 298 |

Boron Minerals

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| Development status: | | | | | |
| Developed C. | 1 075 000 | 1 075 000 | 1 030 000 | 830 000 | 900 000 |
| Developing C. | 3 041 232 | 3 299 429 | 3 151 476 | 2 655 866 | 3 900 204 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 112 500 | 118 000 | 111 800 | 115 500 | 119 600 |
| Total | 4 228 732 | 4 492 429 | 4 293 276 | 3 601 366 | 4 919 804 |

Annual per capita income:

| | | | | | |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| High Income | 1 811 994 | 1 473 411 | 1 382 255 | 1 118 103 | 1 263 032 |
| Upper Middle Income | 2 208 350 | 2 802 615 | 2 696 752 | 2 223 749 | 3 344 832 |
| Lower Middle Income | 208 388 | 216 403 | 214 269 | 259 514 | 311 940 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 4 228 732 | 4 492 429 | 4 293 276 | 3 601 366 | 4 919 804 |

Political stability:

| | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 1 841 994 | 1 544 623 | 1 382 255 | 1 118 103 | 1 263 032 |
| Unstable | 361 738 | 514 955 | 868 995 | 2 481 768 | 3 654 772 |
| Extreme Unstable | 2 025 000 | 2 432 851 | 2 042 026 | 1 495 | 2 000 |
| Total | 4 228 732 | 4 492 429 | 4 293 276 | 3 601 366 | 4 919 804 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 152 500 | 168 000 | 331 800 | 335 500 | 339 600 |
| CPE | 70 000 | 80 000 | 250 000 | 250 000 | 250 000 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 1 075 000 | 1 075 000 | 1 030 000 | 830 000 | 900 000 |
| MERCOSUR | 129 918 | 71 212 | 181 818 | 134 604 | 188 870 |
| NAFTA/USMCA | 1 075 000 | 1 075 000 | 1 030 000 | 830 000 | 900 000 |
| OECD | 3 707 076 | 3 905 411 | 3 422 255 | 2 798 103 | 3 803 032 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Diamonds (Gem)

| | 2017 ct | 2018 ct | 2019 ct | 2020 ct | 2021 ct |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Development status: | | | | | |
| Developed C. | 23 541 451 | 23 069 161 | 17 803 300 | 14 589 107 | 17 353 418 |
| Developing C. | 23 225 440 | 24 815 721 | 22 236 631 | 17 814 232 | 22 814 562 |
| Least Developed C. | 12 534 616 | 12 602 883 | 12 358 115 | 11 095 463 | 11 696 457 |
| Transition C. | 21 860 500 | 22 973 133 | 25 804 591 | 18 711 931 | 23 470 180 |
| Total | 81 162 007 | 83 460 898 | 78 202 637 | 62 210 733 | 75 334 617 |

Annual per capita income:

| | | | | | |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| High Income | 23 541 451 | 23 069 161 | 17 803 300 | 14 589 107 | 17 353 418 |
| Upper Middle Income | 44 242 175 | 46 748 682 | 47 576 062 | 35 962 821 | 45 392 241 |
| Lower Middle Income | 9 712 734 | 10 824 955 | 10 142 291 | 8 287 935 | 9 135 878 |
| Low Income | 3 665 647 | 2 818 100 | 2 680 984 | 3 370 870 | 3 453 080 |
| Total | 81 162 007 | 83 460 898 | 78 202 637 | 62 210 733 | 75 334 617 |

Political stability:

| | | | | | |
|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 41 383 491 | 42 119 431 | 36 134 060 | 27 845 382 | 34 730 922 |
| Unstable | 37 462 344 | 39 514 062 | 40 026 087 | 31 726 237 | 37 934 368 |
| Extreme Unstable | 2 316 172 | 1 827 405 | 2 042 490 | 2 639 114 | 2 669 327 |
| Total | 81 162 007 | 83 460 898 | 78 202 637 | 62 210 733 | 75 334 617 |

Country groups and economic blocks:

| | | | | | |
|-------------|------------|------------|------------|------------|------------|
| ACP | 35 662 771 | 37 321 018 | 34 531 154 | 28 862 570 | 34 463 892 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 26 443 495 | 27 664 909 | 29 241 393 | 22 716 562 | 28 023 790 |
| CPE | 230 | 99 | 51 | 21 | 0 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 23 198 761 | 22 789 001 | 17 560 210 | 14 389 507 | 17 353 418 |
| MERCOSUR | 84 115 | 83 610 | 53 240 | 42 094 | 47 127 |
| NAFTA/USMCA | 23 198 761 | 22 789 001 | 17 560 210 | 14 389 507 | 17 353 418 |
| OECD | 23 541 451 | 23 069 161 | 17 803 300 | 14 593 119 | 17 357 539 |
| SADC | 35 159 016 | 36 545 623 | 33 798 361 | 28 041 878 | 33 524 171 |

Diamonds (Ind)

| | 2017 ct | 2018 ct | 2019 ct | 2020 ct | 2021 ct |
|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Development status: | | | | | |
| Developed C. | 16 792 040 | 13 727 890 | 11 911 450 | 9 780 400 | 0 |
| Developing C. | 14 213 596 | 15 282 078 | 12 851 430 | 11 900 705 | 15 605 900 |
| Least Developed C. | 17 827 932 | 14 761 230 | 12 900 499 | 11 317 795 | 11 670 180 |
| Transition C. | 20 754 280 | 20 187 926 | 19 466 621 | 12 474 620 | 15 646 790 |
| Total | 69 587 848 | 63 959 124 | 57 130 000 | 45 473 520 | 42 922 870 |
| Annual per capita income: | | | | | |
| High Income | 16 792 040 | 13 727 890 | 11 911 450 | 9 780 400 | 0 |
| Upper Middle Income | 33 117 485 | 33 107 536 | 30 592 726 | 22 211 390 | 27 854 656 |
| Lower Middle Income | 1 038 771 | 3 305 858 | 2 699 985 | 2 976 935 | 4 279 724 |
| Low Income | 18 639 552 | 13 817 840 | 11 925 839 | 10 504 795 | 10 788 490 |
| Total | 69 587 848 | 63 959 124 | 57 130 000 | 45 473 520 | 42 922 870 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 23 781 925 | 21 145 800 | 19 114 985 | 14 921 040 | 6 895 791 |
| Unstable | 29 159 531 | 29 492 144 | 26 558 528 | 20 182 272 | 25 627 161 |
| Extreme Unstable | 16 646 392 | 13 321 180 | 11 456 487 | 10 370 208 | 10 399 918 |
| Total | 69 587 848 | 63 959 124 | 57 130 000 | 45 473 520 | 42 922 870 |

Country groups and economic blocks:

| | | | | | |
|-------------|------------|------------|------------|------------|------------|
| ACP | 31 843 988 | 29 849 418 | 25 625 329 | 23 125 750 | 27 181 054 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 26 158 705 | 25 697 456 | 23 400 716 | 17 079 910 | 20 958 686 |
| CPE | 0 | 0 | 0 | 0 | 0 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 0 | 0 | 0 | 0 | 0 |
| MERCOSUR | 170 780 | 169 330 | 108 085 | 83 840 | 94 760 |
| NAFTA/USMCA | 0 | 0 | 0 | 0 | 0 |
| OECD | 16 792 040 | 13 727 890 | 11 911 450 | 9 780 400 | 0 |
| SADC | 31 558 867 | 29 327 490 | 25 123 520 | 22 952 890 | 26 742 356 |

Diatomite

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 1 130 856 | 1 297 380 | 1 127 031 | 1 186 582 | 1 417 632 |
| Developing C. | 1 032 620 | 923 027 | 1 043 613 | 978 842 | 870 964 |
| Least Developed C. | 4 000 | 39 200 | 77 439 | 40 257 | 77 914 |
| Transition C. | 75 465 | 50 600 | 51 000 | 51 000 | 176 800 |
| Total | 2 242 941 | 2 310 207 | 2 299 083 | 2 256 681 | 2 543 310 |

Annual per capita income:

| | | | | | |
|---------------------|-----------|-----------|-----------|-----------|-----------|
| High Income | 1 362 573 | 1 348 018 | 1 189 269 | 1 273 299 | 1 444 728 |
| Upper Middle Income | 874 962 | 921 441 | 1 029 017 | 938 987 | 1 011 355 |
| Lower Middle Income | 1 406 | 1 548 | 3 358 | 4 138 | 9 313 |
| Low Income | 4 000 | 39 200 | 77 439 | 40 257 | 77 914 |
| Total | 2 242 941 | 2 310 207 | 2 299 083 | 2 256 681 | 2 543 310 |

Political stability:

| | | | | | |
|------------------|-----------|-----------|-----------|-----------|-----------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 1 366 791 | 1 424 480 | 1 193 269 | 1 277 299 | 1 448 728 |
| Unstable | 702 566 | 637 938 | 879 457 | 938 955 | 1 084 032 |
| Extreme Unstable | 173 584 | 247 789 | 226 357 | 40 427 | 10 550 |
| Total | 2 242 941 | 2 310 207 | 2 299 083 | 2 256 681 | 2 543 310 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|
| ACP | 5 406 | 40 748 | 78 360 | 41 185 | 78 677 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 482 192 | 351 162 | 488 673 | 506 574 | 387 465 |
| CPE | 400 000 | 280 000 | 420 000 | 420 000 | 200 000 |
| EC | 361 771 | 340 376 | 359 023 | 362 571 | 344 081 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 914 721 | 1 105 340 | 911 802 | 963 511 | 1 146 519 |
| MERCOSUR | 100 611 | 93 052 | 112 283 | 134 149 | 167 007 |
| NAFTA/USMCA | 864 474 | 1 109 028 | 897 274 | 966 105 | 1 158 956 |
| OECD | 1 558 212 | 1 742 835 | 1 539 300 | 1 517 731 | 1 817 416 |
| SADC | 0 | 34 200 | 72 439 | 35 257 | 72 914 |

Feldspar

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Development status: | | | | | |
| Developed C. | 5 052 331 | 5 025 688 | 5 046 489 | 5 032 046 | 5 937 295 |
| Developing C. | 26 057 799 | 29 626 001 | 25 566 451 | 24 481 466 | 29 517 300 |
| Least Developed C. | 29 000 | 36 000 | 17 000 | 25 000 | 6 400 |
| Transition C. | 349 537 | 362 113 | 370 819 | 353 115 | 376 625 |
| Total | 31 488 667 | 35 049 802 | 31 000 759 | 29 891 627 | 35 837 620 |
| Annual per capita income: | | | | | |
| High Income | 6 121 069 | 5 801 617 | 5 659 542 | 5 951 011 | 6 466 535 |
| Upper Middle Income | 17 657 161 | 19 381 227 | 18 147 790 | 15 832 411 | 18 357 601 |
| Lower Middle Income | 7 710 437 | 9 866 958 | 7 176 427 | 8 083 205 | 11 007 084 |
| Low Income | 0 | 0 | 17 000 | 25 000 | 6 400 |
| Total | 31 488 667 | 35 049 802 | 31 000 759 | 29 891 627 | 35 837 620 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 6 353 988 | 6 189 164 | 5 687 831 | 5 702 111 | 6 123 905 |
| Unstable | 14 235 638 | 15 757 048 | 13 013 667 | 21 861 483 | 26 377 818 |
| Extreme Unstable | 10 899 041 | 13 103 590 | 12 299 261 | 2 328 033 | 3 335 897 |
| Total | 31 488 667 | 35 049 802 | 31 000 759 | 29 891 627 | 35 837 620 |
| Country groups and economic blocks: | | | | | |
| ACP | 187 080 | 158 358 | 130 057 | 106 980 | 135 310 |
| ASEAN | 4 445 129 | 2 328 544 | 2 020 132 | 1 679 744 | 1 875 767 |
| BRICS | 7 699 855 | 11 936 649 | 9 612 901 | 8 059 000 | 9 728 155 |
| CPE | 2 508 715 | 2 503 000 | 2 452 100 | 2 464 100 | 2 467 800 |
| EC | 4 524 102 | 4 387 146 | 4 516 439 | 4 531 805 | 4 549 934 |
| EFTA | 87 900 | 88 000 | 80 000 | 69 000 | 60 000 |
| G7 | 3 466 747 | 3 552 693 | 3 385 289 | 3 351 527 | 3 263 007 |
| MERCOSUR | 705 085 | 747 164 | 672 449 | 512 783 | 553 282 |
| NAFTA/USMCA | 940 692 | 1 457 755 | 966 196 | 1 333 385 | 712 102 |
| OECD | 16 543 194 | 18 007 438 | 15 387 448 | 16 516 943 | 19 273 243 |
| SADC | 116 705 | 76 803 | 76 255 | 48 427 | 67 113 |

Fluorspar

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| Development status: | | | | | |
| Developed C. | 211 306 | 256 385 | 319 144 | 315 891 | 266 829 |
| Developing C. | 5 528 465 | 6 697 279 | 7 287 680 | 7 373 845 | 8 029 082 |
| Least Developed C. | 7 522 | 10 000 | 50 000 | 10 000 | 10 000 |
| Transition C. | 2 700 | 6 400 | 5 000 | 42 000 | 86 000 |
| Total | 5 749 993 | 6 970 064 | 7 661 824 | 7 741 736 | 8 391 911 |

Annual per capita income:

| | | | | | |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| High Income | 225 002 | 256 385 | 319 144 | 315 891 | 266 829 |
| Upper Middle Income | 4 869 303 | 5 809 719 | 6 262 902 | 6 335 702 | 6 979 390 |
| Lower Middle Income | 641 266 | 886 660 | 1 021 878 | 1 073 243 | 1 129 692 |
| Low Income | 14 422 | 17 300 | 57 900 | 16 900 | 16 000 |
| Total | 5 749 993 | 6 970 064 | 7 661 824 | 7 741 736 | 8 391 911 |

Political stability:

| | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 779 237 | 1 058 239 | 1 256 547 | 994 791 | 911 129 |
| Unstable | 4 939 821 | 5 837 848 | 6 277 137 | 6 658 407 | 7 401 666 |
| Extreme Unstable | 30 935 | 73 977 | 128 140 | 88 538 | 79 116 |
| Total | 5 749 993 | 6 970 064 | 7 661 824 | 7 741 736 | 8 391 911 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|
| ACP | 225 344 | 230 000 | 214 730 | 347 557 | 406 275 |
| ASEAN | 240 405 | 255 400 | 260 250 | 229 727 | 224 793 |
| BRICS | 4 047 935 | 3 765 274 | 4 239 714 | 4 687 782 | 5 905 395 |
| CPE | 4 361 135 | 4 300 830 | 4 944 303 | 5 205 720 | 6 265 327 |
| EC | 211 306 | 236 385 | 239 144 | 265 891 | 200 155 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 56 375 | 80 197 | 173 959 | 129 933 | 123 306 |
| MERCOSUR | 39 218 | 36 119 | 25 899 | 72 730 | 76 158 |
| NAFTA/USMCA | 741 678 | 1 979 654 | 2 011 532 | 1 621 269 | 1 057 118 |
| OECD | 973 134 | 2 222 239 | 2 265 076 | 1 907 056 | 1 284 295 |
| SADC | 218 399 | 230 000 | 210 000 | 330 000 | 400 000 |

Graphite

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|------------------|------------------|-----------------|------------------|
| Development status: | | | | | |
| Developed C. | 24 172 | 21 372 | 21 132 | 13 377 | 32 571 |
| Developing C. | 825 552 | 823 319 | 880 813 | 838 896 | 935 333 |
| Least Developed C. | 14 102 | 156 951 | 198 106 | 79 564 | 165 226 |
| Transition C. | 32 500 | 26 900 | 27 500 | 22 900 | 34 300 |
| Total | 896 326 | 1 028 542 | 1 127 551 | 954 737 | 1 167 430 |

Annual per capita income:

| | | | | | |
|---------------------|----------------|------------------|------------------|----------------|------------------|
| High Income | 24 172 | 22 042 | 21 434 | 16 429 | 32 571 |
| Upper Middle Income | 756 026 | 749 019 | 811 737 | 762 158 | 860 969 |
| Lower Middle Income | 50 449 | 55 530 | 51 274 | 51 586 | 78 664 |
| Low Income | 65 679 | 201 951 | 243 106 | 124 564 | 195 226 |
| Total | 896 326 | 1 028 542 | 1 127 551 | 954 737 | 1 167 430 |

Political stability:

| | | | | | |
|------------------|----------------|------------------|------------------|----------------|------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 26 388 | 26 998 | 24 934 | 16 429 | 32 571 |
| Unstable | 852 938 | 969 792 | 1 082 627 | 920 149 | 1 134 859 |
| Extreme Unstable | 17 000 | 31 752 | 19 990 | 18 159 | 0 |
| Total | 896 326 | 1 028 542 | 1 127 551 | 954 737 | 1 167 430 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|---------|---------|---------|---------|
| ACP | 17 895 | 160 407 | 198 106 | 79 564 | 165 226 |
| ASEAN | 0 | 1 500 | 3 500 | 3 700 | 1 200 |
| BRICS | 773 149 | 759 911 | 833 944 | 780 306 | 888 119 |
| CPE | 675 000 | 676 500 | 748 500 | 713 700 | 766 200 |
| EC | 572 | 372 | 307 | 208 | 281 |
| EFTA | 9 600 | 10 000 | 9 780 | 5 549 | 6 293 |
| G7 | 14 422 | 11 222 | 11 252 | 7 728 | 7 881 |
| MERCOSUR | 95 000 | 78 981 | 81 770 | 67 020 | 78 555 |
| NAFTA/USMCA | 24 310 | 15 130 | 13 387 | 9 653 | 9 478 |
| OECD | 38 482 | 42 924 | 33 766 | 33 667 | 62 685 |
| SADC | 17 895 | 160 407 | 198 106 | 79 564 | 165 226 |

Gypsum and Anhydrite

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Development status: | | | | | |
| Developed C. | 50 896 685 | 56 151 011 | 54 752 501 | 55 255 708 | 59 519 600 |
| Developing C. | 96 581 332 | 101 074 330 | 96 449 817 | 101 896 985 | 102 301 625 |
| Least Developed C. | 1 908 063 | 2 375 840 | 2 325 510 | 2 411 124 | 2 840 354 |
| Transition C. | 6 519 184 | 8 313 205 | 7 086 301 | 6 903 255 | 8 168 374 |
| Total | 155 905 264 | 167 914 386 | 160 614 129 | 166 467 072 | 172 829 953 |
| Annual per capita income: | | | | | |
| High Income | 64 065 259 | 69 242 067 | 70 096 798 | 70 108 636 | 76 733 770 |
| Upper Middle Income | 81 638 539 | 85 278 829 | 76 587 522 | 64 119 081 | 66 558 693 |
| Lower Middle Income | 9 781 519 | 12 719 265 | 13 335 127 | 31 681 576 | 29 022 141 |
| Low Income | 419 947 | 674 225 | 594 682 | 557 779 | 515 349 |
| Total | 155 905 264 | 167 914 386 | 160 614 129 | 166 467 072 | 172 829 953 |
| Political stability: | | | | | |
| Stable | 330 000 | 330 000 | 330 000 | 0 | 0 |
| Fair | 62 212 862 | 68 785 507 | 68 058 911 | 69 002 517 | 76 073 024 |
| Unstable | 76 930 972 | 71 006 100 | 63 974 631 | 78 160 754 | 78 144 963 |
| Extreme Unstable | 16 431 430 | 27 792 779 | 28 250 587 | 19 303 801 | 18 611 966 |
| Total | 155 905 264 | 167 914 386 | 160 614 129 | 166 467 072 | 172 829 953 |

Country groups and economic blocks:

| | | | | | |
|-------------|------------|------------|------------|------------|------------|
| ACP | 1 381 175 | 1 604 725 | 1 627 433 | 2 048 144 | 2 276 413 |
| ASEAN | 11 470 698 | 12 125 783 | 10 692 990 | 10 275 488 | 11 676 197 |
| BRICS | 33 295 168 | 38 105 436 | 35 305 102 | 38 905 385 | 36 341 201 |
| CPE | 25 141 400 | 25 147 600 | 25 173 430 | 25 160 200 | 25 164 600 |
| EC | 23 476 924 | 27 244 291 | 26 426 971 | 27 170 017 | 29 202 942 |
| EFTA | 417 891 | 419 655 | 432 100 | 413 602 | 412 794 |
| G7 | 32 934 730 | 35 794 052 | 34 153 140 | 32 804 763 | 34 576 241 |
| MERCOSUR | 3 456 464 | 3 567 719 | 3 608 167 | 3 355 235 | 3 582 075 |
| NAFTA/USMCA | 32 898 910 | 35 615 744 | 31 904 102 | 32 227 777 | 30 822 261 |
| OECD | 69 826 955 | 77 556 688 | 69 188 820 | 71 860 506 | 75 849 672 |
| SADC | 476 330 | 595 248 | 565 631 | 681 468 | 925 429 |

Kaolin

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 17 447 100 | 17 274 410 | 16 267 051 | 15 099 583 | 16 164 533 |
| Developing C. | 22 853 397 | 23 503 553 | 23 751 433 | 22 513 440 | 21 804 229 |
| Least Developed C. | 79 779 | 167 864 | 55 791 | 131 168 | 115 650 |
| Transition C. | 4 815 777 | 4 466 865 | 4 138 550 | 4 889 505 | 5 252 032 |
| Total | 45 196 053 | 45 412 692 | 44 212 825 | 42 633 696 | 43 336 444 |

Annual per capita income:

| | | | | | |
|---------------------|------------|------------|------------|------------|------------|
| High Income | 18 016 153 | 17 719 507 | 16 551 078 | 15 527 312 | 16 093 446 |
| Upper Middle Income | 14 502 130 | 15 181 446 | 16 860 706 | 12 823 038 | 12 920 044 |
| Lower Middle Income | 12 603 437 | 12 354 875 | 10 760 593 | 14 250 632 | 14 308 254 |
| Low Income | 74 333 | 156 864 | 40 448 | 32 714 | 14 700 |
| Total | 45 196 053 | 45 412 692 | 44 212 825 | 42 633 696 | 43 336 444 |

Political stability:

| | | | | | |
|------------------|------------|------------|------------|------------|------------|
| Stable | 50 424 | 51 369 | 50 569 | 50 000 | 55 000 |
| Fair | 18 945 864 | 18 685 816 | 17 106 331 | 15 884 909 | 16 424 426 |
| Unstable | 22 141 239 | 21 857 200 | 22 055 788 | 24 732 240 | 25 468 247 |
| Extreme Unstable | 4 058 526 | 4 818 307 | 5 000 137 | 1 966 547 | 1 388 771 |
| Total | 45 196 053 | 45 412 692 | 44 212 825 | 42 633 696 | 43 336 444 |

Country groups and economic blocks:

| | | | | | |
|-------------|------------|------------|------------|------------|------------|
| ACP | 160 400 | 206 995 | 95 367 | 161 672 | 170 623 |
| ASEAN | 1 391 578 | 2 088 056 | 3 362 736 | 2 200 085 | 2 049 103 |
| BRICS | 18 960 238 | 18 046 825 | 17 430 237 | 18 238 230 | 17 776 852 |
| CPE | 7 011 500 | 6 752 700 | 6 502 100 | 6 602 032 | 6 501 375 |
| EC | 11 742 526 | 11 687 303 | 11 030 432 | 10 312 771 | 10 652 343 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 12 079 120 | 11 889 842 | 11 189 389 | 10 617 579 | 10 692 057 |
| MERCOSUR | 1 707 128 | 1 708 255 | 1 489 463 | 1 266 219 | 1 184 884 |
| NAFTA/USMCA | 5 775 864 | 6 248 246 | 5 306 645 | 4 806 033 | 4 523 332 |
| OECD | 19 258 611 | 19 815 581 | 17 813 810 | 16 745 759 | 17 875 444 |
| SADC | 45 002 | 153 107 | 43 170 | 119 093 | 130 118 |

Magnesite

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Development status: | | | | | |
| Developed C. | 3 758 717 | 3 831 000 | 3 687 394 | 4 145 540 | 4 427 860 |
| Developing C. | 23 284 120 | 23 537 187 | 22 636 610 | 22 827 255 | 22 476 371 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 1 405 500 | 1 577 350 | 1 015 200 | 1 282 052 | 1 108 896 |
| Total | 28 448 337 | 28 945 537 | 27 339 204 | 28 254 847 | 28 013 127 |
| Annual per capita income: | | | | | |
| High Income | 3 862 849 | 3 986 000 | 3 887 394 | 4 395 540 | 4 677 860 |
| Upper Middle Income | 24 198 089 | 24 688 926 | 23 206 220 | 23 412 357 | 22 858 276 |
| Lower Middle Income | 214 911 | 170 611 | 145 590 | 346 950 | 376 991 |
| Low Income | 172 488 | 100 000 | 100 000 | 100 000 | 100 000 |
| Total | 28 448 337 | 28 945 537 | 27 339 204 | 28 254 847 | 28 013 127 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 3 316 037 | 3 831 000 | 3 688 926 | 4 149 450 | 4 430 860 |
| Unstable | 23 418 573 | 22 994 649 | 21 963 441 | 23 833 108 | 23 318 771 |
| Extreme Unstable | 1 713 727 | 2 119 888 | 1 686 837 | 272 289 | 263 496 |
| Total | 28 448 337 | 28 945 537 | 27 339 204 | 28 254 847 | 28 013 127 |
| Country groups and economic blocks: | | | | | |
| ACP | 8 700 | 8 500 | 10 032 | 12 410 | 8 000 |
| ASEAN | 200 | 140 | 40 | 0 | 0 |
| BRICS | 22 404 726 | 22 626 775 | 21 654 854 | 21 914 561 | 21 027 195 |
| CPE | 18 672 488 | 19 100 000 | 19 101 532 | 19 103 910 | 18 103 000 |
| EC | 3 103 023 | 3 178 726 | 2 829 622 | 2 767 261 | 2 911 261 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 444 850 | 388 828 | 444 590 | 579 076 | 622 976 |
| MERCOSUR | 2 303 971 | 1 900 000 | 1 530 000 | 1 550 000 | 1 800 000 |
| NAFTA/USMCA | 545 850 | 489 828 | 445 390 | 579 076 | 622 976 |
| OECD | 5 553 788 | 5 890 847 | 5 184 275 | 5 707 435 | 6 355 140 |
| SADC | 8 700 | 8 500 | 8 500 | 8 500 | 5 000 |

Perlite

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| Development status: | | | | | |
| Developed C. | 1 608 365 | 1 377 267 | 1 424 691 | 1 750 268 | 1 944 061 |
| Developing C. | 691 939 | 1 224 705 | 1 259 969 | 1 216 767 | 1 532 866 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 75 536 | 111 922 | 138 676 | 162 710 | 225 742 |
| Total | 2 375 840 | 2 713 894 | 2 823 336 | 3 129 745 | 3 702 669 |

Annual per capita income:

| | | | | | |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| High Income | 1 632 499 | 1 382 287 | 1 429 391 | 1 750 268 | 1 944 061 |
| Upper Middle Income | 711 803 | 1 324 278 | 1 387 337 | 1 326 727 | 1 676 953 |
| Lower Middle Income | 31 538 | 7 329 | 6 608 | 52 750 | 81 655 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 2 375 840 | 2 713 894 | 2 823 336 | 3 129 745 | 3 702 669 |

Political stability:

| | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 699 549 | 1 401 081 | 1 429 391 | 1 750 268 | 1 944 061 |
| Unstable | 1 070 060 | 152 251 | 187 631 | 1 326 727 | 1 681 584 |
| Extreme Unstable | 606 231 | 1 160 562 | 1 206 314 | 52 750 | 77 024 |
| Total | 2 375 840 | 2 713 894 | 2 823 336 | 3 129 745 | 3 702 669 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|
| ACP | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 |
| ASEAN | 20 838 | 12 929 | 21 608 | 3 500 | 8 131 |
| BRICS | 46 000 | 46 000 | 46 000 | 46 000 | 46 000 |
| CPE | 0 | 0 | 0 | 0 | 0 |
| EC | 1 021 090 | 870 982 | 794 427 | 903 083 | 1 056 240 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 587 000 | 504 000 | 629 000 | 845 000 | 884 000 |
| MERCOSUR | 19 924 | 18 794 | 1 850 | 13 176 | 18 016 |
| NAFTA/USMCA | 602 899 | 530 400 | 653 497 | 845 000 | 884 000 |
| OECD | 2 234 705 | 2 497 670 | 2 628 374 | 2 896 609 | 3 372 756 |
| SADC | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 |

Phosphate Rock (P₂O₅-Content)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Development status: | | | | | |
| Developed C. | 9 589 760 | 9 014 070 | 8 062 980 | 8 292 450 | 7 332 080 |
| Developing C. | 63 216 445 | 55 505 820 | 56 408 780 | 54 236 670 | 60 607 480 |
| Least Developed C. | 1 107 750 | 1 147 140 | 1 121 520 | 1 179 440 | 1 337 050 |
| Transition C. | 5 686 400 | 5 829 200 | 5 907 640 | 5 988 510 | 6 094 220 |
| Total | 79 600 355 | 71 496 230 | 71 500 920 | 69 697 070 | 75 370 830 |

Annual per capita income:

| | | | | | |
|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| High Income | 11 291 950 | 10 842 230 | 10 369 530 | 10 932 440 | 10 165 200 |
| Upper Middle Income | 52 545 425 | 44 952 200 | 44 189 810 | 41 490 810 | 47 400 210 |
| Lower Middle Income | 14 598 530 | 15 235 070 | 16 546 960 | 16 204 920 | 16 866 560 |
| Low Income | 1 164 450 | 466 730 | 394 620 | 1 068 900 | 938 860 |
| Total | 79 600 355 | 71 496 230 | 71 500 920 | 69 697 070 | 75 370 830 |

Political stability:

| | | | | | |
|------------------|------------|------------|------------|------------|------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 10 353 750 | 9 237 390 | 9 399 060 | 7 344 100 | 6 657 710 |
| Unstable | 68 115 525 | 61 651 740 | 61 432 210 | 61 332 180 | 67 887 580 |
| Extreme Unstable | 1 131 080 | 607 100 | 669 650 | 1 020 790 | 825 540 |
| Total | 79 600 355 | 71 496 230 | 71 500 920 | 69 697 070 | 75 370 830 |

Country groups and economic blocks:

| | | | | | |
|-------------|------------|------------|------------|------------|------------|
| ACP | 1 904 450 | 1 905 940 | 1 799 220 | 1 693 800 | 2 219 460 |
| ASEAN | 1 387 400 | 1 301 160 | 1 347 080 | 606 850 | 598 400 |
| BRICS | 45 258 620 | 37 245 390 | 36 179 640 | 34 558 860 | 39 243 850 |
| CPE | 38 316 000 | 30 197 460 | 29 344 080 | 27 287 070 | 31 468 510 |
| EC | 352 300 | 356 070 | 363 020 | 363 200 | 363 720 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 7 840 000 | 7 250 000 | 6 547 000 | 6 604 000 | 6 070 000 |
| MERCOSUR | 2 102 320 | 1 997 100 | 1 850 000 | 1 718 100 | 1 785 000 |
| NAFTA/USMCA | 8 532 150 | 7 472 500 | 6 796 520 | 6 695 240 | 6 206 900 |
| OECD | 10 135 210 | 9 125 950 | 8 319 040 | 8 539 640 | 7 645 880 |
| SADC | 746 270 | 736 720 | 652 450 | 480 740 | 784 890 |

Potash (K₂O-Content)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 18 987 824 | 20 342 228 | 18 597 253 | 19 923 227 | 19 235 032 |
| Developing C. | 8 509 486 | 8 164 921 | 8 405 911 | 8 391 117 | 8 555 108 |
| Least Developed C. | 307 600 | 343 500 | 286 900 | 442 500 | 507 600 |
| Transition C. | 14 516 700 | 14 593 196 | 14 925 793 | 15 982 353 | 16 856 600 |
| Total | 42 321 610 | 43 443 845 | 42 215 857 | 44 739 197 | 45 154 340 |
| Annual per capita income: | | | | | |
| High Income | 20 226 454 | 21 333 408 | 19 280 793 | 20 889 907 | 20 126 482 |
| Upper Middle Income | 21 672 656 | 21 588 337 | 22 431 964 | 23 155 390 | 24 250 058 |
| Lower Middle Income | 422 500 | 522 100 | 503 100 | 693 900 | 777 800 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 42 321 610 | 43 443 845 | 42 215 857 | 44 739 197 | 45 154 340 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 18 407 354 | 26 873 704 | 24 872 486 | 18 916 807 | 18 255 082 |
| Unstable | 23 914 256 | 16 537 241 | 17 306 171 | 25 785 390 | 26 859 258 |
| Extreme Unstable | 0 | 32 900 | 37 200 | 37 000 | 40 000 |
| Total | 42 321 610 | 43 443 845 | 42 215 857 | 44 739 197 | 45 154 340 |

Country groups and economic blocks:

| | | | | | |
|-------------|------------|------------|------------|------------|------------|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 307 600 | 343 500 | 286 900 | 442 500 | 507 600 |
| BRICS | 13 140 296 | 12 708 181 | 13 518 911 | 13 979 037 | 14 917 628 |
| CPE | 5 534 000 | 5 452 000 | 5 902 000 | 5 530 000 | 5 814 600 |
| EC | 3 818 429 | 3 648 997 | 3 223 408 | 3 325 204 | 3 169 105 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 16 303 656 | 17 589 116 | 16 034 109 | 17 155 709 | 16 480 253 |
| MERCOSUR | 306 296 | 201 181 | 248 911 | 254 837 | 213 028 |
| NAFTA/USMCA | 13 042 695 | 14 543 931 | 13 330 345 | 14 182 423 | 13 576 467 |
| OECD | 20 226 454 | 21 333 408 | 19 280 793 | 20 889 907 | 20 126 482 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Salt

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|
|--|-----------------|-----------------|-----------------|-----------------|-----------------|

Development status:

| | | | | | |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Developed C. | 114 007 037 | 119 192 193 | 118 554 684 | 111 380 065 | 117 908 856 |
| Developing C. | 151 577 463 | 154 097 010 | 154 946 258 | 141 304 560 | 137 753 573 |
| Least Developed C. | 3 242 778 | 3 087 332 | 3 510 835 | 3 319 814 | 3 236 149 |
| Transition C. | 13 736 004 | 14 157 923 | 15 267 448 | 11 749 325 | 14 867 435 |
| Total | 282 563 282 | 290 534 458 | 292 279 225 | 267 753 764 | 273 766 013 |

Annual per capita income:

| | | | | | |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| High Income | 120 987 326 | 127 378 795 | 129 564 611 | 120 246 053 | 124 716 159 |
| Upper Middle Income | 117 182 691 | 115 245 363 | 119 370 080 | 102 259 777 | 104 213 457 |
| Lower Middle Income | 42 829 211 | 46 655 713 | 41 809 313 | 43 785 542 | 43 495 244 |
| Low Income | 1 564 054 | 1 254 587 | 1 535 221 | 1 462 392 | 1 341 153 |
| Total | 282 563 282 | 290 534 458 | 292 279 225 | 267 753 764 | 273 766 013 |

Political stability:

| | | | | | |
|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Stable | 555 509 | 637 014 | 582 325 | 105 000 | 105 000 |
| Fair | 126 217 903 | 137 043 243 | 135 007 091 | 123 584 401 | 128 740 913 |
| Unstable | 140 005 473 | 136 428 220 | 139 339 027 | 135 785 252 | 136 862 702 |
| Extreme Unstable | 15 784 397 | 16 425 981 | 17 350 782 | 8 279 111 | 8 057 398 |
| Total | 282 563 282 | 290 534 458 | 292 279 225 | 267 753 764 | 273 766 013 |

Country groups and economic blocks:

| | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|
| ACP | 3 861 031 | 4 669 429 | 4 507 980 | 4 537 225 | 4 262 711 |
| ASEAN | 4 646 091 | 6 069 129 | 5 819 343 | 4 457 863 | 4 288 472 |
| BRICS | 110 438 506 | 108 084 985 | 110 465 912 | 98 108 455 | 98 989 342 |
| CPE | 67 937 360 | 65 326 297 | 68 670 303 | 60 390 024 | 59 058 249 |
| EC | 48 459 024 | 49 088 017 | 47 649 252 | 41 860 826 | 47 170 327 |
| EFTA | 463 509 | 591 414 | 492 325 | 334 827 | 530 700 |
| G7 | 77 169 897 | 81 406 284 | 83 542 706 | 79 528 535 | 81 704 882 |
| MERCOSUR | 9 910 611 | 9 611 320 | 8 867 100 | 7 977 700 | 8 334 300 |
| NAFTA/USMCA | 60 894 403 | 64 005 258 | 65 780 955 | 64 807 588 | 61 462 683 |
| OECD | 132 240 037 | 139 384 619 | 139 588 682 | 134 304 274 | 137 563 260 |
| SADC | 2 087 017 | 2 282 755 | 2 247 895 | 2 343 557 | 2 502 590 |

Sulfur

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Development status: | | | | | |
| Developed C. | 25 445 977 | 25 366 291 | 23 941 917 | 21 821 668 | 24 248 584 |
| Developing C. | 42 303 068 | 44 290 113 | 44 993 906 | 43 813 172 | 42 338 299 |
| Least Developed C. | 679 500 | 947 800 | 960 200 | 917 300 | 691 900 |
| Transition C. | 11 173 700 | 11 100 950 | 11 570 000 | 11 431 400 | 9 543 700 |
| Total | 79 602 245 | 81 705 154 | 81 466 023 | 77 983 540 | 76 822 483 |
| Annual per capita income: | | | | | |
| High Income | 42 841 685 | 43 358 449 | 42 702 170 | 39 559 985 | 40 934 177 |
| Upper Middle Income | 30 759 820 | 30 952 465 | 32 849 488 | 30 140 907 | 28 044 408 |
| Lower Middle Income | 5 990 740 | 7 384 240 | 5 904 365 | 8 272 648 | 7 141 998 |
| Low Income | 10 000 | 10 000 | 10 000 | 10 000 | 701 900 |
| Total | 79 602 245 | 81 705 154 | 81 466 023 | 77 983 540 | 76 822 483 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 40 706 960 | 38 428 589 | 36 776 035 | 33 724 335 | 35 674 977 |
| Unstable | 37 649 845 | 39 709 325 | 41 336 273 | 41 569 257 | 38 624 108 |
| Extreme Unstable | 1 245 440 | 3 567 240 | 3 353 715 | 2 689 948 | 2 523 398 |
| Total | 79 602 245 | 81 705 154 | 81 466 023 | 77 983 540 | 76 822 483 |
| Country groups and economic blocks: | | | | | |
| ACP | 1 307 080 | 1 574 707 | 2 269 744 | 1 885 491 | 1 098 229 |
| ASEAN | 1 556 400 | 1 821 800 | 1 216 100 | 1 075 900 | 1 100 000 |
| BRICS | 24 750 600 | 25 912 397 | 26 905 574 | 26 965 491 | 24 598 829 |
| CPE | 13 797 300 | 14 081 700 | 14 777 000 | 15 661 200 | 16 018 900 |
| EC | 6 116 477 | 5 934 991 | 6 164 004 | 4 887 117 | 5 039 484 |
| EFTA | 100 000 | 120 000 | 100 000 | 100 000 | 100 000 |
| G7 | 20 347 282 | 20 269 797 | 19 129 025 | 17 302 544 | 17 654 249 |
| MERCOSUR | 1 230 000 | 1 150 000 | 960 000 | 750 000 | 735 000 |
| NAFTA/USMCA | 15 508 218 | 15 445 657 | 13 896 294 | 13 058 129 | 13 168 439 |
| OECD | 29 292 525 | 29 319 048 | 27 654 698 | 25 517 784 | 25 869 223 |
| SADC | 1 008 480 | 1 265 707 | 1 952 744 | 1 574 291 | 819 329 |

Talc

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| Development status: | | | | | |
| Developed C. | 2 465 695 | 2 404 548 | 2 234 307 | 1 986 281 | 2 414 107 |
| Developing C. | 5 390 081 | 5 538 453 | 5 158 623 | 4 664 210 | 4 780 189 |
| Least Developed C. | 402 214 | 371 489 | 356 240 | 101 826 | 451 000 |
| Transition C. | 20 478 | 13 059 | 48 000 | 104 000 | 50 000 |
| Total | 8 278 468 | 8 327 549 | 7 797 170 | 6 856 317 | 7 695 296 |

Annual per capita income:

| | | | | | |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| High Income | 2 959 417 | 2 799 633 | 2 612 613 | 2 363 247 | 2 478 720 |
| Upper Middle Income | 3 055 294 | 3 264 430 | 2 852 615 | 2 401 166 | 2 716 555 |
| Lower Middle Income | 1 826 836 | 1 858 039 | 1 944 890 | 1 965 981 | 2 024 149 |
| Low Income | 436 921 | 405 447 | 387 052 | 125 923 | 475 872 |
| Total | 8 278 468 | 8 327 549 | 7 797 170 | 6 856 317 | 7 695 296 |

Political stability:

| | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 2 916 710 | 2 768 747 | 2 565 988 | 2 303 219 | 2 415 398 |
| Unstable | 4 324 275 | 4 696 366 | 4 577 664 | 4 237 097 | 4 405 005 |
| Extreme Unstable | 1 037 483 | 862 436 | 653 518 | 316 001 | 874 893 |
| Total | 8 278 468 | 8 327 549 | 7 797 170 | 6 856 317 | 7 695 296 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|
| ACP | 64 673 | 108 810 | 144 060 | 101 694 | 341 183 |
| ASEAN | 61 436 | 58 676 | 14 564 | 38 146 | 31 950 |
| BRICS | 4 031 143 | 4 457 467 | 4 382 393 | 3 866 318 | 3 955 944 |
| CPE | 1 840 000 | 2 040 000 | 1 840 000 | 1 330 000 | 1 430 000 |
| EC | 1 155 695 | 1 187 548 | 1 113 307 | 1 071 988 | 1 077 503 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 1 828 218 | 1 703 640 | 1 544 131 | 1 370 679 | 1 406 500 |
| MERCOSUR | 515 430 | 673 492 | 660 050 | 652 824 | 662 370 |
| NAFTA/USMCA | 832 129 | 935 448 | 828 202 | 673 415 | 759 000 |
| OECD | 3 381 598 | 3 045 860 | 2 663 836 | 2 475 036 | 2 663 502 |
| SADC | 58 776 | 102 142 | 135 430 | 92 318 | 270 944 |

Vermiculite

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 |
| Developing C. | 297 572 | 302 634 | 285 510 | 274 026 | 362 183 |
| Least Developed C. | 4 119 | 10 413 | 9 674 | 14 170 | 14 000 |
| Transition C. | 14 400 | 25 904 | 29 237 | 28 442 | 39 804 |
| Total | 416 091 | 438 951 | 424 421 | 416 638 | 515 987 |
| Annual per capita income: | | | | | |
| High Income | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 |
| Upper Middle Income | 282 616 | 292 385 | 286 349 | 274 820 | 370 813 |
| Lower Middle Income | 6 054 | 36 153 | 28 398 | 27 648 | 31 174 |
| Low Income | 27 421 | 10 413 | 9 674 | 14 170 | 14 000 |
| Total | 416 091 | 438 951 | 424 421 | 416 638 | 515 987 |

Political stability:

| | | | | | |
|------------------|----------------|----------------|----------------|----------------|----------------|
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 |
| Unstable | 314 473 | 320 768 | 323 051 | 316 638 | 415 987 |
| Extreme Unstable | 1 618 | 18 183 | 1 370 | 0 | 0 |
| Total | 416 091 | 438 951 | 424 421 | 416 638 | 515 987 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|---------|---------|---------|---------|
| ACP | 193 505 | 184 920 | 193 311 | 158 781 | 259 222 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 286 588 | 276 950 | 287 605 | 256 746 | 370 474 |
| CPE | 50 000 | 50 000 | 50 000 | 50 000 | 40 000 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 |
| MERCOSUR | 50 050 | 56 708 | 47 581 | 58 821 | 70 500 |
| NAFTA/USMCA | 100 464 | 100 244 | 100 148 | 100 104 | 100 100 |
| OECD | 102 082 | 118 427 | 101 518 | 119 334 | 103 400 |
| SADC | 189 386 | 174 507 | 183 537 | 144 611 | 244 822 |

Zircon

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|------------------|------------------|------------------|------------------|------------------|
| Development status: | | | | | |
| Developed C. | 475 850 | 622 400 | 498 900 | 410 000 | 599 000 |
| Developing C. | 598 603 | 588 612 | 605 296 | 599 242 | 582 396 |
| Least Developed C. | 270 363 | 329 748 | 240 488 | 217 926 | 240 971 |
| Transition C. | 34 563 | 29 014 | 24 300 | 22 000 | 33 700 |
| Total | 1 379 379 | 1 569 774 | 1 368 984 | 1 249 168 | 1 456 067 |
| Annual per capita income: | | | | | |
| High Income | 475 850 | 622 400 | 498 900 | 410 000 | 599 000 |
| Upper Middle Income | 506 948 | 482 098 | 556 985 | 468 951 | 455 700 |
| Lower Middle Income | 126 218 | 229 097 | 153 358 | 235 548 | 251 156 |
| Low Income | 270 363 | 236 179 | 159 741 | 134 669 | 150 211 |
| Total | 1 379 379 | 1 569 774 | 1 368 984 | 1 249 168 | 1 456 067 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 482 945 | 633 409 | 586 696 | 410 157 | 600 518 |
| Unstable | 863 909 | 911 380 | 763 288 | 734 693 | 852 516 |
| Extreme Unstable | 32 525 | 24 985 | 19 000 | 104 318 | 3 033 |
| Total | 1 379 379 | 1 569 774 | 1 368 984 | 1 249 168 | 1 456 067 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------|---------|---------|---------|---------|
| ACP | 678 479 | 671 166 | 591 928 | 561 698 | 573 937 |
| ASEAN | 36 595 | 64 709 | 80 149 | 88 057 | 86 548 |
| BRICS | 513 260 | 490 760 | 499 036 | 484 794 | 470 182 |
| CPE | 121 500 | 160 500 | 146 600 | 150 700 | 170 400 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 45 000 | 100 000 | 30 000 | 30 000 | 30 000 |
| MERCOSUR | 19 016 | 17 844 | 17 136 | 10 994 | 6 482 |
| NAFTA/USMCA | 45 000 | 100 000 | 30 000 | 30 000 | 30 000 |
| OECD | 477 050 | 624 350 | 498 900 | 410 000 | 599 000 |
| SADC | 547 427 | 528 389 | 471 241 | 441 905 | 447 111 |

6.3.5 Mineral Fuels

Steam Coal

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 911 558 581 | 898 775 472 | 862 405 637 | 720 975 948 | 735 770 755 |
| Developing C. | 4 244 426 342 | 4 524 057 561 | 4 697 735 081 | 4 635 711 993 | 4 831 751 161 |
| Least Developed C. | 9 742 022 | 12 662 361 | 10 427 023 | 7 359 958 | 10 032 626 |
| Transition C. | 366 116 790 | 396 752 585 | 387 770 338 | 360 000 131 | 389 737 725 |
| Total | 5 531 843 735 | 5 832 247 979 | 5 958 338 079 | 5 724 048 030 | 5 967 292 267 |
| Annual per capita income: | | | | | |
| High Income | 915 577 266 | 902 272 069 | 865 096 191 | 722 186 510 | 735 789 296 |
| Upper Middle Income | 3 373 360 478 | 3 574 499 615 | 4 284 638 394 | 3 645 964 891 | 3 804 095 070 |
| Lower Middle Income | 1 208 761 206 | 1 326 425 405 | 779 497 210 | 1 333 167 668 | 1 400 920 964 |
| Low Income | 34 144 785 | 29 050 890 | 29 106 284 | 22 728 961 | 26 486 937 |
| Total | 5 531 843 735 | 5 832 247 979 | 5 958 338 079 | 5 724 048 030 | 5 967 292 267 |
| Political stability: | | | | | |
| Stable | 1 426 000 | 1 710 060 | 1 545 230 | 1 482 000 | 1 448 565 |
| Fair | 1 055 603 868 | 956 049 594 | 923 403 733 | 731 545 250 | 745 270 511 |
| Unstable | 4 445 698 911 | 4 841 863 576 | 5 000 974 873 | 4 975 582 539 | 5 207 641 656 |
| Extreme Unstable | 29 114 956 | 32 624 749 | 32 414 243 | 15 438 241 | 12 931 535 |
| Total | 5 531 843 735 | 5 832 247 979 | 5 958 338 079 | 5 724 048 030 | 5 967 292 267 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------------|---------------|---------------|---------------|---------------|
| ACP | 264 032 439 | 265 771 600 | 266 356 579 | 255 285 090 | 239 425 539 |
| ASEAN | 544 518 651 | 602 974 363 | 662 174 227 | 624 426 905 | 632 310 422 |
| BRICS | 3 816 932 939 | 4 064 924 360 | 4 173 663 775 | 4 160 760 509 | 4 371 655 003 |
| CPE | 2 738 525 990 | 2 917 159 400 | 3 044 496 100 | 3 068 932 200 | 3 225 333 410 |
| EC | 60 296 248 | 57 185 612 | 52 736 727 | 44 119 578 | 43 161 020 |
| EFTA | 134 433 | 154 200 | 117 000 | 63 000 | 121 000 |
| G7 | 600 752 000 | 583 151 160 | 538 467 740 | 408 973 790 | 442 141 270 |
| MERCOSUR | 3 733 152 | 3 750 753 | 4 347 664 | 3 879 892 | 4 960 145 |
| NAFTA/USMCA | 604 482 800 | 586 714 128 | 542 794 406 | 411 164 370 | 444 255 190 |
| OECD | 924 943 453 | 911 205 117 | 873 967 545 | 774 770 122 | 786 213 180 |
| SADC | 263 401 433 | 265 197 341 | 265 587 235 | 254 217 393 | 237 764 095 |

Coking Coal

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 305 752 700 | 299 007 231 | 299 510 663 | 274 216 957 | 269 449 566 |
| Developing C. | 603 291 824 | 620 364 438 | 641 222 843 | 652 264 780 | 665 204 818 |
| Least Developed C. | 7 385 930 | 8 355 292 | 5 356 390 | 4 670 626 | 5 732 902 |
| Transition C. | 106 283 600 | 105 242 300 | 110 161 700 | 104 687 700 | 115 785 800 |
| Total | 1 022 714 054 | 1 032 969 261 | 1 056 251 596 | 1 035 840 063 | 1 056 173 086 |

Annual per capita income:

| | | | | | |
|---------------------|---------------|---------------|---------------|---------------|---------------|
| High Income | 305 752 700 | 299 007 231 | 299 510 663 | 274 216 957 | 269 449 566 |
| Upper Middle Income | 633 975 975 | 647 379 132 | 663 459 413 | 671 858 920 | 694 042 578 |
| Lower Middle Income | 75 353 900 | 78 227 606 | 87 925 130 | 85 093 560 | 86 948 040 |
| Low Income | 7 631 479 | 8 355 292 | 5 356 390 | 4 670 626 | 5 732 902 |
| Total | 1 022 714 054 | 1 032 969 261 | 1 056 251 596 | 1 035 840 063 | 1 056 173 086 |

Political stability:

| | | | | | |
|------------------|---------------|---------------|---------------|---------------|---------------|
| Stable | 1 173 100 | 1 213 400 | 1 200 900 | 1 038 970 | 1 134 310 |
| Fair | 346 001 300 | 324 867 581 | 327 272 733 | 298 999 917 | 287 833 756 |
| Unstable | 669 541 754 | 699 939 850 | 719 695 893 | 727 314 550 | 763 555 020 |
| Extreme Unstable | 5 997 900 | 6 948 430 | 8 082 070 | 8 486 626 | 3 650 000 |
| Total | 1 022 714 054 | 1 032 969 261 | 1 056 251 596 | 1 035 840 063 | 1 056 173 086 |

Country groups and economic blocks:

| | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|
| ACP | 11 659 754 | 13 161 364 | 9 321 575 | 6 961 476 | 8 950 220 |
| ASEAN | 4 300 000 | 5 117 786 | 5 752 018 | 4 000 000 | 4 356 640 |
| BRICS | 645 583 275 | 665 880 302 | 689 192 225 | 696 298 320 | 726 293 818 |
| CPE | 541 779 000 | 557 513 750 | 567 596 970 | 587 076 230 | 591 579 900 |
| EC | 17 972 000 | 16 829 631 | 15 123 393 | 14 076 967 | 14 319 716 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 99 566 060 | 103 770 470 | 94 862 710 | 75 843 890 | 83 394 540 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 101 173 600 | 105 511 200 | 97 395 370 | 79 234 020 | 87 222 800 |
| OECD | 311 082 700 | 303 596 361 | 303 484 533 | 284 511 657 | 280 148 526 |
| SADC | 11 659 754 | 13 161 364 | 9 321 575 | 6 961 476 | 8 950 220 |

Lignite

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| Development status: | | | | | |
| Developed C. | 513 245 608 | 478 308 843 | 409 139 838 | 338 596 877 | 368 160 329 |
| Developing C. | 142 632 891 | 149 090 450 | 149 518 341 | 131 749 628 | 153 449 513 |
| Least Developed C. | 13 529 492 | 16 389 001 | 16 049 042 | 15 127 126 | 14 207 432 |
| Transition C. | 151 392 448 | 156 693 977 | 159 787 602 | 151 663 906 | 151 290 875 |
| Total | 820 800 439 | 800 482 271 | 734 494 823 | 637 137 537 | 687 108 149 |
| Annual per capita income: | | | | | |
| High Income | 452 905 808 | 422 848 015 | 379 677 223 | 301 046 671 | 322 016 395 |
| Upper Middle Income | 287 855 872 | 303 419 855 | 282 552 378 | 270 544 215 | 290 884 974 |
| Lower Middle Income | 80 038 759 | 74 214 401 | 72 265 222 | 65 546 651 | 74 206 780 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 820 800 439 | 800 482 271 | 734 494 823 | 637 137 537 | 687 108 149 |
| Political stability: | | | | | |
| Stable | 319 487 | 307 378 | 287 830 | 297 690 | 284 735 |
| Fair | 540 890 972 | 540 598 599 | 433 773 850 | 359 323 465 | 386 803 421 |
| Unstable | 208 130 810 | 178 006 570 | 215 953 063 | 276 755 884 | 299 430 633 |
| Extreme Unstable | 71 459 170 | 81 569 724 | 84 480 080 | 760 498 | 589 360 |
| Total | 820 800 439 | 800 482 271 | 734 494 823 | 637 137 537 | 687 108 149 |
| Country groups and economic blocks: | | | | | |
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 29 788 129 | 31 240 951 | 30 127 007 | 28 377 700 | 28 429 005 |
| BRICS | 120 332 084 | 124 005 500 | 124 492 696 | 112 804 404 | 124 586 525 |
| CPE | 6 783 000 | 7 449 000 | 8 053 080 | 6 657 650 | 5 309 755 |
| EC | 384 922 621 | 370 400 965 | 309 146 453 | 244 653 270 | 274 991 340 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 242 570 200 | 227 902 500 | 187 704 555 | 159 510 177 | 177 518 848 |
| MERCOSUR | 1 488 084 | 1 422 500 | 1 596 696 | 2 309 404 | 1 896 525 |
| NAFTA/USMCA | 71 284 500 | 61 644 500 | 56 390 555 | 52 132 917 | 51 262 254 |
| OECD | 524 364 978 | 503 932 015 | 441 719 503 | 372 683 671 | 406 548 055 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Natural Gas

| | 2017 Mio m ³ | 2018 Mio m ³ | 2019 Mio m ³ | 2020 Mio m ³ | 2021 Mio m ³ |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Development status: | | | | | |
| Developed C. | 1 330 212 | 1 435 504 | 1 523 567 | 1 495 003 | 1 527 714 |
| Developing C. | 1 500 126 | 1 535 418 | 1 552 425 | 1 530 456 | 1 592 453 |
| Least Developed C. | 67 078 | 57 019 | 59 505 | 57 170 | 55 456 |
| Transition C. | 878 922 | 918 486 | 929 395 | 877 991 | 977 694 |
| Total | 3 776 338 | 3 946 427 | 4 064 892 | 3 960 620 | 4 153 317 |

Annual per capita income:

| | | | | | |
|---------------------|------------------|------------------|------------------|------------------|------------------|
| High Income | 1 814 824 | 1 886 848 | 1 987 572 | 1 941 985 | 1 976 765 |
| Upper Middle Income | 1 536 269 | 1 621 899 | 1 615 037 | 1 279 156 | 1 395 984 |
| Lower Middle Income | 414 825 | 427 161 | 454 109 | 731 829 | 772 622 |
| Low Income | 10 420 | 10 519 | 8 174 | 7 650 | 7 946 |
| Total | 3 776 338 | 3 946 427 | 4 064 892 | 3 960 620 | 4 153 317 |

Political stability:

| | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|
| Stable | 4 896 | 4 322 | 4 608 | 4 508 | 3 945 |
| Fair | 1 779 289 | 1 869 270 | 1 921 549 | 1 863 891 | 1 898 337 |
| Unstable | 1 739 160 | 1 659 815 | 1 719 744 | 1 681 128 | 1 837 900 |
| Extreme Unstable | 252 993 | 413 020 | 418 991 | 411 093 | 413 135 |
| Total | 3 776 338 | 3 946 427 | 4 064 892 | 3 960 620 | 4 153 317 |

Country groups and economic blocks:

| | | | | | |
|-------------|-----------|-----------|-----------|-----------|-----------|
| ACP | 110 457 | 114 517 | 116 058 | 113 039 | 106 409 |
| ASEAN | 227 003 | 217 791 | 219 233 | 199 857 | 199 344 |
| BRICS | 889 966 | 931 019 | 952 595 | 926 317 | 1 023 841 |
| CPE | 158 952 | 171 139 | 186 513 | 202 550 | 215 696 |
| EC | 127 694 | 117 014 | 106 982 | 92 842 | 49 313 |
| EFTA | 124 664 | 122 203 | 115 123 | 112 332 | 115 178 |
| G7 | 1 006 269 | 1 105 135 | 1 184 287 | 1 167 012 | 1 194 924 |
| MERCOSUR | 107 008 | 99 236 | 96 154 | 86 515 | 90 299 |
| NAFTA/USMCA | 978 145 | 1 079 121 | 1 160 180 | 1 144 048 | 1 178 125 |
| OECD | 1 350 441 | 1 455 775 | 1 543 984 | 1 529 725 | 1 561 342 |
| SADC | 12 991 | 13 900 | 13 862 | 14 261 | 12 361 |

Petroleum

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Development status: | | | | | |
| Developed C. | 1 035 421 192 | 1 158 471 308 | 1 251 631 869 | 1 215 983 042 | 1 225 650 082 |
| Developing C. | 2 550 207 275 | 2 530 056 881 | 2 435 344 629 | 2 243 572 499 | 2 284 396 753 |
| Least Developed C. | 110 241 900 | 94 670 710 | 91 762 410 | 85 607 480 | 76 608 260 |
| Transition C. | 691 278 473 | 704 582 536 | 707 875 905 | 650 657 528 | 663 647 926 |
| Total | 4 387 148 840 | 4 487 781 435 | 4 486 614 813 | 4 195 820 549 | 4 250 303 021 |

Annual per capita income:

| | | | | | |
|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| High Income | 2 071 967 192 | 2 192 119 238 | 2 266 381 719 | 2 160 739 332 | 2 165 737 986 |
| Upper Middle Income | 1 951 309 025 | 1 938 222 180 | 1 837 433 094 | 1 503 092 666 | 1 553 937 864 |
| Lower Middle Income | 345 224 971 | 337 629 478 | 356 697 417 | 506 989 031 | 504 484 571 |
| Low Income | 18 647 652 | 19 810 539 | 26 102 583 | 24 999 520 | 26 142 600 |
| Total | 4 387 148 840 | 4 487 781 435 | 4 486 614 813 | 4 195 820 549 | 4 250 303 021 |

Political stability:

| | | | | | |
|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Stable | 1 400 390 | 1 086 450 | 1 128 870 | 964 420 | 840 780 |
| Fair | 1 517 527 964 | 1 684 583 707 | 1 757 447 609 | 1 675 511 555 | 1 680 283 997 |
| Unstable | 2 329 408 976 | 2 092 434 480 | 2 088 944 564 | 1 997 435 654 | 1 992 859 444 |
| Extreme Unstable | 538 811 510 | 709 676 798 | 639 093 770 | 521 908 920 | 576 318 800 |
| Total | 4 387 148 840 | 4 487 781 435 | 4 486 614 813 | 4 195 820 549 | 4 250 303 021 |

Country groups and economic blocks:

| | | | | | |
|-------------|---------------|---------------|---------------|---------------|---------------|
| ACP | 248 853 635 | 242 902 460 | 246 492 364 | 232 788 944 | 209 260 348 |
| ASEAN | 105 223 640 | 101 057 370 | 97 015 750 | 89 398 173 | 82 279 520 |
| BRICS | 910 016 475 | 913 507 140 | 928 017 434 | 889 815 064 | 901 790 013 |
| CPE | 208 625 200 | 204 647 200 | 205 980 650 | 207 298 800 | 210 817 700 |
| EC | 69 673 064 | 73 376 895 | 73 054 019 | 68 607 605 | 18 157 587 |
| EFTA | 89 849 500 | 84 275 900 | 79 388 000 | 93 492 500 | 95 254 000 |
| G7 | 913 262 606 | 1 041 940 143 | 1 135 291 032 | 1 087 692 382 | 1 096 821 012 |
| MERCOSUR | 274 026 900 | 242 334 840 | 221 313 800 | 208 457 700 | 208 128 500 |
| NAFTA/USMCA | 967 677 860 | 1 084 020 940 | 1 169 204 430 | 1 123 805 850 | 1 142 630 920 |
| OECD | 1 142 807 591 | 1 258 783 936 | 1 344 667 449 | 1 349 517 436 | 1 357 900 985 |
| SADC | 79 693 195 | 72 505 030 | 67 355 354 | 62 714 074 | 55 492 653 |

Oil Sands (part of Petroleum)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Development status: | | | | | |
| Developed C. | 144 006 100 | 156 864 600 | 158 766 200 | 153 043 300 | 167 022 400 |
| Developing C. | 25 000 000 | 20 000 000 | 18 000 000 | 14 900 000 | 15 000 000 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 0 | 0 | 0 | 0 | 0 |
| Total | 169 006 100 | 176 864 600 | 176 766 200 | 167 943 300 | 182 022 400 |
| Annual per capita income: | | | | | |
| High Income | 144 006 100 | 156 864 600 | 158 766 200 | 153 043 300 | 167 022 400 |
| Upper Middle Income | 25 000 000 | 20 000 000 | 18 000 000 | 14 900 000 | 15 000 000 |
| Lower Middle Income | 0 | 0 | 0 | 0 | 0 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 169 006 100 | 176 864 600 | 176 766 200 | 167 943 300 | 182 022 400 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 144 006 100 | 156 864 600 | 158 766 200 | 153 043 300 | 167 022 400 |
| Unstable | 0 | 0 | 0 | 0 | 0 |
| Extreme Unstable | 25 000 000 | 20 000 000 | 18 000 000 | 14 900 000 | 15 000 000 |
| Total | 169 006 100 | 176 864 600 | 176 766 200 | 167 943 300 | 182 022 400 |

Country groups and economic blocks:

| | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 0 | 0 | 0 | 0 | 0 |
| CPE | 0 | 0 | 0 | 0 | 0 |
| EC | 0 | 0 | 0 | 0 | 0 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 144 006 100 | 156 864 600 | 158 766 200 | 153 043 300 | 167 022 400 |
| MERCOSUR | 25 000 000 | 20 000 000 | 18 000 000 | 14 900 000 | 15 000 000 |
| NAFTA/USMCA | 144 006 100 | 156 864 600 | 158 766 200 | 153 043 300 | 167 022 400 |
| OECD | 144 006 100 | 156 864 600 | 158 766 200 | 153 043 300 | 167 022 400 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Oil Shales

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 22 534 973 | 22 794 380 | 16 628 394 | 13 054 894 | 12 674 826 |
| Developing C. | 0 | 0 | 0 | 0 | 0 |
| Least Developed C. | 0 | 0 | 0 | 0 | 0 |
| Transition C. | 0 | 0 | 0 | 0 | 0 |
| Total | 22 534 973 | 22 794 380 | 16 628 394 | 13 054 894 | 12 674 826 |
| Annual per capita income: | | | | | |
| High Income | 22 534 973 | 22 794 380 | 16 589 394 | 13 010 894 | 12 618 826 |
| Upper Middle Income | 0 | 0 | 39 000 | 44 000 | 56 000 |
| Lower Middle Income | 0 | 0 | 0 | 0 | 0 |
| Low Income | 0 | 0 | 0 | 0 | 0 |
| Total | 22 534 973 | 22 794 380 | 16 628 394 | 13 054 894 | 12 674 826 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 22 108 973 | 22 379 800 | 16 225 512 | 12 661 904 | 12 243 986 |
| Unstable | 426 000 | 414 580 | 402 882 | 392 990 | 430 840 |
| Extreme Unstable | 0 | 0 | 0 | 0 | 0 |
| Total | 22 534 973 | 22 794 380 | 16 628 394 | 13 054 894 | 12 674 826 |

Country groups and economic blocks:

| | | | | | |
|-------------|------------|------------|------------|------------|------------|
| ACP | 0 | 0 | 0 | 0 | 0 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 0 | 0 | 0 | 0 | 0 |
| CPE | 0 | 0 | 0 | 0 | 0 |
| EC | 22 108 973 | 22 379 800 | 16 225 512 | 12 661 904 | 12 243 986 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 483 803 | 496 650 | 489 012 | 473 404 | 444 886 |
| MERCOSUR | 0 | 0 | 0 | 0 | 0 |
| NAFTA/USMCA | 0 | 0 | 0 | 0 | 0 |
| OECD | 22 534 973 | 22 794 380 | 16 589 394 | 13 010 894 | 12 618 826 |
| SADC | 0 | 0 | 0 | 0 | 0 |

Uranium (U₃O₈)

| | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t |
|-------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Development status: | | | | | |
| Developed C. | 22 344 | 16 659 | 16 102 | 11 582 | 9 958 |
| Developing C. | 8 057 | 9 520 | 9 261 | 9 282 | 9 976 |
| Least Developed C. | 4 066 | 3 433 | 3 516 | 3 527 | 2 691 |
| Transition C. | 35 935 | 34 471 | 35 399 | 31 327 | 33 530 |
| Total | 70 402 | 64 083 | 64 278 | 55 718 | 56 155 |
| Annual per capita income: | | | | | |
| High Income | 22 344 | 16 659 | 16 102 | 11 582 | 9 958 |
| Upper Middle Income | 38 448 | 37 987 | 39 173 | 35 079 | 38 030 |
| Lower Middle Income | 5 544 | 6 004 | 5 487 | 5 530 | 5 476 |
| Low Income | 4 066 | 3 433 | 3 516 | 3 527 | 2 691 |
| Total | 70 402 | 64 083 | 64 278 | 55 718 | 56 155 |
| Political stability: | | | | | |
| Stable | 0 | 0 | 0 | 0 | 0 |
| Fair | 54 825 | 23 173 | 22 561 | 17 965 | 16 746 |
| Unstable | 10 472 | 36 034 | 37 204 | 34 173 | 36 665 |
| Extreme Unstable | 5 105 | 4 876 | 4 513 | 3 580 | 2 744 |
| Total | 70 402 | 64 083 | 64 278 | 55 718 | 56 155 |
| Country groups and economic blocks: | | | | | |
| ACP | 9 351 | 10 178 | 10 138 | 10 040 | 9 628 |
| ASEAN | 0 | 0 | 0 | 0 | 0 |
| BRICS | 6 463 | 6 377 | 6 182 | 6 202 | 6 242 |
| CPE | 2 223 | 2 223 | 2 223 | 2 224 | 2 227 |
| EC | 106 | 40 | 67 | 42 | 32 |
| EFTA | 0 | 0 | 0 | 0 | 0 |
| G7 | 15 542 | 8 882 | 8 337 | 4 275 | 5 452 |
| MERCOSUR | 0 | 0 | 0 | 20 | 34 |
| NAFTA/USMCA | 15 502 | 8 882 | 8 309 | 4 267 | 5 452 |
| OECD | 22 344 | 16 659 | 16 102 | 11 582 | 9 958 |
| SADC | 5 285 | 6 745 | 6 622 | 6 513 | 6 937 |

6.4 Production of Mineral Raw Materials of individual Countries, by Minerals

6.4.1 Iron and Ferro-Alloy Metals

Iron (Fe-Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Algeria | 268 400 | 381 200 | 409 900 | 406 600 | 416 000 | 2n |
| Angola | | | | 0 | 37 610 | 1e |
| Argentina | 28 400 | 40 560 | 0 | 0 | 0 | 1e |
| Australia | 548 297 062 | 560 054 570 | 567 957 086 | 568 384 644 | 571 113 897 | 1e |
| Austria | 954 156 | 897 132 | 1 037 470 | 973 840 | 1 059 550 | 1e |
| Bhutan | 21 100 | 24 220 | 23 590 | 9 430 | 16 590 | 1e |
| Bolivia | 22 230 | 41 560 | 45 830 | 15 410 | 17 010 | 1e |
| Bosnia-Herzegovina | 827 170 | 704 050 | 739 600 | 727 980 | 792 500 | 1e |
| Brazil | 289 089 904 | 287 617 655 | 255 339 422 | 245 951 962 | 273 330 125 | 1e |
| Canada | 30 682 700 | 32 180 800 | 33 020 200 | 35 775 100 | 35 070 000 | 1e |
| Chile | 9 549 327 | 8 942 638 | 8 427 224 | 9 890 886 | 11 163 294 | 1e |
| China | 215 920 000 | 209 243 800 | 219 375 000 | 225 400 000 | 254 900 000 | 1e |
| Colombia | 320 790 | 353 950 | 300 020 | 353 950 | 337 450 | 1e |
| Congo, Rep. | 0 | 10 800 | 20 200 | 33 500 | 0 | 1n |
| Egypt | 254 300 | 250 700 | 48 200 | 270 000 | 270 000 | 2n |
| Fiji | | 0 | 35 900 | 35 200 | 49 400 | 1n |
| Germany | 82 900 | 82 900 | 94 100 | 95 500 | 87 500 | 1e |
| Guatemala | 2 670 | 2 590 | 30 | 0 | 0 | 1e |
| Guinea | | | 0 | 418 800 | 1 139 200 | 1e |
| India | 125 716 600 | 129 615 740 | 151 827 100 | 126 308 900 | 156 451 900 | 3e |
| Indonesia | 1 075 800 | 600 000 | 1 379 300 | 2 951 100 | 3 300 000 | 2n |
| Iran | 21 884 000 | 24 700 000 | 28 305 000 | 33 660 000 | 34 980 000 | 1a |
| Kazakhstan | 11 705 660 | 12 968 800 | 14 278 750 | 15 105 100 | 15 966 300 | 1e |
| Korea, North | 3 645 500 | 2 082 800 | 1 796 400 | 1 640 800 | 1 600 000 | 2n |
| Korea, South | 186 330 | 229 530 | 205 410 | 345 140 | 323 140 | 1e |
| Laos | 150 000 | 59 500 | 282 180 | 607 830 | 2 113 560 | 1e |
| Liberia | 962 900 | 2 794 300 | 2 657 200 | 2 924 600 | 3 000 000 | 1e |
| Malawi | 3 000 | 1 540 | 1 800 | 3 010 | 2 990 | 1e |
| Malaysia | 2 469 370 | 2 112 790 | 2 621 100 | 3 383 990 | 3 070 930 | 1e |
| Mauritania | 7 678 500 | 6 961 700 | 7 927 700 | 8 135 000 | 8 201 700 | 1e |
| Mexico | 7 027 520 | 8 412 810 | 10 331 270 | 10 774 600 | 10 800 000 | 2e |
| Mongolia | 4 309 030 | 3 486 220 | 4 800 430 | 5 165 660 | 5 136 260 | 1a |
| Morocco | 36 120 | 18 520 | 7 150 | 14 090 | 8 870 | 1e |
| Namibia | 1 640 | 8 730 | 8 400 | 27 570 | 51 490 | 1e |
| Nepal | 350 | 180 | 120 | 770 | 0 | 1e |
| New Zealand | 2 324 640 | 2 100 000 | 1 915 000 | 2 260 000 | 2 200 000 | 2n |
| Nigeria | 0 | 700 | 18 300 | 2 400 | 1 300 | 1e |
| Norway | 992 700 | 1 129 900 | 1 069 700 | 1 014 700 | 1 057 500 | 1n |
| Pakistan | 190 630 | 257 340 | 238 440 | 218 000 | 306 160 | 1e |
| Peru | 8 806 450 | 9 533 870 | 10 120 007 | 8 893 972 | 12 149 274 | 1e |
| Philippines | 0 | 0 | 0 | 25 700 | 46 500 | 1e |
| Russia | 62 186 000 | 64 192 000 | 65 726 000 | 65 372 000 | 59 375 800 | 1e |
| Saudi Arabia | 266 800 | 280 100 | 294 100 | 275 000 | 288 700 | 1e |

| | | | | | | |
|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----|
| Sierra Leone | 3 194 930 | 561 800 | 418 950 | 0 | 950 300 | 1a |
| South Africa | 48 808 920 | 48 277 430 | 47 064 410 | 36 163 000 | 47 509 000 | 1e |
| Spain | | | | 0 | 36 580 | 1e |
| Sweden | 18 741 000 | 18 405 000 | 19 367 200 | 20 112 200 | 19 964 200 | 1e |
| Tanzania | | | 0 | 14 200 | 39 100 | 1e |
| Thailand | 85 | 0 | 10 950 | 70 210 | 201 450 | 1e |
| Tunisia | 106 900 | 95 000 | 100 700 | 93 400 | 143 900 | 1e |
| Turkey | 6 095 400 | 9 546 700 | 8 828 800 | 13 087 300 | 9 791 300 | 1e |
| Uganda | 1 390 | 2 700 | 0 | 0 | 0 | 1e |
| Ukraine | 38 767 600 | 38 751 300 | 47 584 000 | 49 274 000 | 52 431 000 | 1e |
| United States | 30 177 000 | 31 185 000 | 29 547 000 | 24 100 000 | 30 100 000 | 1e |
| Uruguay | 1 010 | 2 520 | 2 510 | 1 240 | 3 310 | 1e |
| Venezuela | 4 615 000 | 2 017 500 | 2 062 800 | 1 235 000 | 1 462 500 | 1e |
| Vietnam | 3 309 000 | 3 353 100 | 3 663 400 | 2 136 200 | 2 190 900 | 3e |
| Total | 1 511 758 884 | 1 524 574 245 | 1 551 335 349 | 1 524 139 484 | 1 635 056 040 | |

Chromium (Cr₂O₃ - Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|
| Afghanistan | 2 000 | 2 000 | 2 000 | 2 000 | 5 300 | 1e |
| Albania | 273 300 | 322 100 | 357 200 | 212 650 | 225 200 | 1e |
| Brazil | 212 503 | 219 724 | 199 256 | 226 762 | 248 108 | 1e |
| China | 12 000 | 16 330 | 27 250 | 54 440 | 67 620 | 1e |
| Cuba | 14 400 | 10 500 | 27 000 | 14 000 | 8 500 | 1e |
| Ethiopia | 0 | 8 000 | 500 | 200 | 700 | 1e |
| Finland | 411 060 | 466 750 | 491 930 | 470 620 | 472 890 | 1a |
| Greece | 0 | 16 650 | 12 080 | 790 | 800 | 2n |
| India | 1 609 010 | 1 864 070 | 1 832 600 | 1 270 200 | 1 698 900 | 3e |
| Iran | 92 850 | 113 410 | 104 400 | 103 340 | 85 620 | 1a |
| Kazakhstan | 2 193 500 | 2 378 200 | 2 458 800 | 1 977 900 | 1 901 500 | 1e |
| Madagascar | 102 000 | 53 500 | 37 300 | 6 100 | 5 900 | 1e |
| Oman | 181 090 | 353 630 | 293 040 | 182 720 | 195 540 | 1a |
| Pakistan | 42 100 | 38 970 | 55 300 | 48 570 | 56 050 | 1e |
| Papua New Guinea | 34 470 | 40 290 | 52 010 | 52 700 | 43 430 | 1n |
| Philippines | 8 340 | 20 260 | 14 570 | 14 040 | 12 290 | 1e |
| Russia | 170 800 | 177 500 | 175 000 | 187 000 | 167 360 | 1e |
| South Africa | 7 073 400 | 7 524 700 | 7 384 000 | 5 479 400 | 7 605 500 | 1e |
| Sudan | 15 360 | 12 960 | 5 950 | 4 300 | 2 700 | 1e |
| Turkey | 1 384 700 | 1 146 600 | 1 528 700 | 1 087 400 | 1 227 900 | 1e |
| Zimbabwe | 309 980 | 402 600 | 720 330 | 572 460 | 644 400 | 1e |
| Total | 14 142 863 | 15 188 744 | 15 779 216 | 11 967 592 | 14 676 208 | |

Cobalt

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 5 034 | 4 878 | 5 741 | 5 626 | 5 228 | 1e |
| Brazil | 185 | 4 | 0 | 0 | 0 | 1e |
| Canada | 6 058 | 5 608 | 5 132 | 4 474 | 3 834 | 1e |
| China | 8 300 | 3 100 | 3 000 | 2 200 | 2 000 | 1e |
| Congo, D.R. | 82 461 | 111 713 | 78 664 | 86 591 | 93 011 | 1e |
| Cuba | 5 407 | 5 000 | 3 800 | 3 900 | 3 800 | 2n |

| | | | | | | |
|------------------|---------|---------|---------|---------|---------|----|
| Finland | 2 300 | 1 377 | 1 454 | 1 559 | 1 084 | 1a |
| Indonesia | 350 | 350 | 350 | 1 000 | 2 100 | 1e |
| Madagascar | 2 967 | 2 887 | 2 897 | 833 | 1 986 | 1e |
| Morocco | 1 924 | 1 806 | 2 397 | 2 416 | 1 796 | 1n |
| New Caledonia | 2 780 | 2 104 | 1 703 | 2 197 | 1 500 | 2e |
| Papua New Guinea | 3 307 | 3 275 | 2 915 | 2 941 | 2 955 | 1n |
| Philippines | 3 700 | 3 600 | 3 750 | 3 600 | 3 200 | 1n |
| Russia | 8 900 | 8 700 | 9 400 | 9 700 | 8 100 | 2n |
| South Africa | 1 065 | 1 007 | 1 027 | 897 | 355 | 1e |
| Turkey | 220 | 259 | 115 | 250 | 2 400 | 2b |
| United States | 640 | 480 | 500 | 600 | 650 | 1e |
| Zambia | 2 649 | 1 766 | 1 271 | 316 | 247 | 1e |
| Zimbabwe | 445 | 403 | 402 | 956 | 230 | 1e |
| Total | 138 692 | 158 317 | 124 518 | 130 056 | 134 476 | |

Manganese

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 2 879 010 | 3 514 320 | 3 259 200 | 3 356 030 | 3 278 840 | 1n |
| Bolivia | 0 | 110 | 3 660 | 4 710 | 5 100 | 1e |
| Brazil | 1 343 967 | 1 310 825 | 1 452 034 | 932 721 | 597 446 | 1e |
| Bulgaria | 574 | 0 | 0 | 0 | 0 | 1a |
| China | 2 508 000 | 1 180 000 | 1 350 000 | 1 218 000 | 1 300 000 | 1e |
| Colombia | 0 | 80 | 160 | 0 | 0 | 1e |
| Congo, D.R. | 0 | 5 360 | 1 780 | 1 000 | 1 000 | 2n |
| Cote d'Ivoire | 204 700 | 319 200 | 472 700 | 530 200 | 580 000 | 1e |
| Egypt | 11 900 | 13 200 | 7 900 | 5 300 | 8 000 | 2n |
| Gabon | 2 265 800 | 2 874 600 | 3 158 100 | 3 709 100 | 4 240 100 | 1n |
| Georgia | 171 300 | 210 500 | 170 600 | 202 400 | 217 900 | 1n |
| Ghana | 871 000 | 1 320 000 | 1 507 200 | 660 100 | 934 200 | 1e |
| India | 860 400 | 920 230 | 919 640 | 839 100 | 841 600 | 3e |
| Indonesia | 24 000 | 24 000 | 24 000 | 23 500 | 40 000 | 1e |
| Iran | 33 915 | 45 595 | 50 240 | 63 580 | 93 940 | 1a |
| Kazakhstan | 294 900 | 288 300 | 230 700 | 164 300 | 252 300 | 1e |
| Kenya | 2 700 | 7 000 | 16 600 | 13 600 | 28 500 | 2n |
| Malaysia | 514 950 | 530 340 | 474 910 | 365 340 | 280 790 | 1e |
| Mexico | 218 510 | 209 023 | 232 957 | 258 045 | 220 560 | 1e |
| Morocco | 49 500 | 39 770 | 35 600 | 42 050 | 41 250 | 1e |
| Myanmar | 136 600 | 207 500 | 429 000 | 254 000 | 206 100 | 1n |
| Namibia | 9 820 | 8 800 | 14 660 | 11 860 | 10 250 | 2n |
| Nigeria | 13 550 | 22 880 | 1 000 | 5 850 | 22 380 | 1e |
| Oman | 3 400 | 11 170 | 12 500 | 3 630 | 3 760 | 1a |
| Pakistan | 430 | 50 | 190 | 180 | 50 | 1e |
| Peru | 1 133 | 17 203 | 18 814 | 10 120 | 9 073 | 1e |
| Romania | 5 660 | 5 150 | 9 290 | 8 450 | 6 600 | 1e |
| Russia | 0 | 8 600 | 5 900 | 28 200 | 10 700 | 1e |
| Senegal | 1 520 | 3 330 | 1 880 | 6 580 | 4 040 | 1e |
| South Africa | 5 501 400 | 5 641 200 | 6 456 400 | 6 029 368 | 7 098 396 | 1e |
| Sudan | 4 000 | 4 000 | 1 000 | 0 | 0 | 1e |
| Thailand | 3 850 | 1 920 | 2 305 | 670 | 0 | 1e |
| Turkey | 27 300 | 29 900 | 39 900 | 35 600 | 30 300 | 1e |
| Ukraine | 650 500 | 682 700 | 686 100 | 698 500 | 652 300 | 1e |
| Vietnam | 104 700 | 115 100 | 106 000 | 121 100 | 147 000 | 1n |
| Zambia | 39 900 | 37 800 | 11 970 | 20 000 | 56 860 | 1e |
| Total | 18 758 889 | 19 609 756 | 21 164 890 | 19 623 184 | 21 219 335 | |

Molybdenum

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Argentina | 651 | 364 | 0 | 0 | 0 | 1e |
| Armenia | 5 038 | 5 422 | 7 137 | 11 909 | 10 611 | 1e |
| Canada | 4 765 | 5 048 | 4 385 | 3 979 | 2 023 | 1e |
| Chile | 62 746 | 60 705 | 54 759 | 59 381 | 49 427 | 1e |
| China | 117 090 | 98 420 | 104 670 | 95 970 | 102 600 | 1e |
| Iran | 4 280 | 3 690 | 4 160 | 3 536 | 4 150 | 1e |
| Kazakhstan | 35 | 149 | 258 | 384 | 880 | 1n |
| Korea, North | 480 | 560 | 530 | 100 | 100 | 2n |
| Korea, South | 0 | 1 | 266 | 411 | 408 | 1e |
| Mexico | 13 985 | 20 265 | 21 694 | 20 577 | 16 319 | 1e |
| Mongolia | 2 640 | 2 580 | 2 490 | 2 890 | 2 975 | 1a |
| Norway | 0 | 0 | 1 | 1 | 1 | 2n |
| Peru | 28 141 | 28 034 | 30 441 | 32 185 | 34 148 | 1e |
| Russia | 3 227 | 2 262 | 1 989 | 1 707 | 1 700 | 2e |
| Turkey | 900 | 450 | 0 | 0 | 0 | 1e |
| United States | 40 700 | 41 400 | 43 600 | 51 100 | 41 100 | 1e |
| Uzbekistan | 700 | 750 | 800 | 760 | 1 282 | 1e |
| Total | 285 378 | 270 100 | 277 180 | 284 890 | 267 724 | |

Nickel

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Albania | 5 760 | 4 200 | 2 960 | 3 760 | 3 720 | 1e |
| Australia | 185 466 | 160 022 | 158 751 | 169 344 | 150 876 | 1e |
| Brazil | 68 803 | 65 254 | 55 761 | 68 097 | 75 988 | 1e |
| Canada | 214 302 | 177 867 | 193 057 | 158 138 | 133 581 | 1e |
| China | 102 348 | 98 963 | 104 674 | 105 048 | 104 600 | 1e |
| Colombia | 40 606 | 43 056 | 40 571 | 36 094 | 38 301 | 1e |
| Cote d'Ivoire | 400 | 12 300 | 9 900 | 20 220 | 22 500 | 2e |
| Cuba | 49 300 | 49 000 | 45 000 | 46 000 | 45 000 | 2n |
| Dominican Republic | 15 632 | 19 214 | 28 450 | 22 005 | 27 819 | 1e |
| Finland | 34 641 | 43 572 | 38 530 | 41 429 | 42 163 | 1a |
| Greece | 21 090 | 19 980 | 17 240 | 9 270 | 5 370 | 1e |
| Guatemala | 54 500 | 48 400 | 44 600 | 57 600 | 59 100 | 1e |
| Indonesia | 363 000 | 651 600 | 1 036 200 | 816 700 | 1 173 200 | 1e |
| Kosovo | 7 120 | 4 790 | 3 360 | 4 150 | 4 960 | 1e |
| Madagascar | 34 123 | 33 204 | 33 736 | 9 908 | 27 710 | 1e |
| Morocco | 196 | 126 | 131 | 142 | 147 | 1n |
| Myanmar | 29 250 | 17 750 | 14 200 | 22 000 | 18 100 | 1n |
| New Caledonia | 215 382 | 216 225 | 208 185 | 199 375 | 186 284 | 1e |
| Norway | 190 | 170 | 135 | 120 | 350 | 1a |
| Papua New Guinea | 34 664 | 35 354 | 33 091 | 33 659 | 31 594 | 1n |
| Philippines | 339 377 | 344 966 | 323 325 | 328 911 | 386 359 | 1e |
| Poland | 720 | 660 | 755 | 710 | 740 | 1e |
| Russia | 223 000 | 238 800 | 233 800 | 234 100 | 192 000 | 2e |
| South Africa | 48 463 | 43 236 | 43 443 | 34 908 | 31 846 | 1e |
| Turkey | 14 770 | 13 560 | 4 740 | 20 200 | 11 650 | 1e |

| | | | | | | |
|---------------|-----------|-----------|-----------|-----------|-----------|----|
| United States | 22 100 | 17 600 | 13 500 | 16 700 | 18 400 | 1e |
| Zambia | | 0 | 2 500 | 2 760 | 3 680 | 1n |
| Zimbabwe | 16 594 | 17 850 | 16 918 | 16 480 | 16 213 | 1e |
| Total | 2 141 797 | 2 377 719 | 2 707 513 | 2 477 828 | 2 812 251 | |

Niobium (Nb₂O₅-Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Brazil | 83 166 | 99 554 | 126 641 | 85 572 | 112 755 | 1e |
| Burundi | 18 | 5 | 5 | 5 | 10 | 1e |
| Canada | 6 981 | 7 700 | 6 800 | 6 400 | 7 650 | 2n |
| China | 30 | 20 | 20 | 30 | 30 | 2n |
| Congo, D.R. | 717 | 607 | 433 | 565 | 475 | 1e |
| Ethiopia | 25 | 28 | 14 | 11 | 18 | 1e |
| Mozambique | 10 | 12 | 11 | 17 | 14 | 1e |
| Nigeria | 122 | 181 | 170 | 80 | 140 | 1e |
| Russia | 648 | 669 | 659 | 617 | 648 | 1n |
| Rwanda | 260 | 245 | 205 | 160 | 160 | 1e |
| Uganda | 3 | 2 | 2 | 52 | 2 | 2n |
| Total | 91 980 | 109 023 | 134 960 | 93 509 | 121 902 | |

Tantalum (Ta₂O₅-Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 20 | 40 | 80 | 50 | 70 | 1e |
| Bolivia | 3 | 18 | 10 | 8 | 1 | 1e |
| Brazil | 270 | 345 | 340 | 300 | 350 | 1n |
| Burundi | 26 | 8 | 8 | 7 | 15 | 1e |
| China | 110 | 100 | 135 | 180 | 180 | 2n |
| Congo, D.R. | 761 | 644 | 460 | 600 | 505 | 1e |
| Ethiopia | 90 | 104 | 50 | 41 | 64 | 1e |
| Malaysia | 6 | 27 | 2 | 1 | 1 | 2n |
| Mozambique | 57 | 66 | 59 | 94 | 75 | 1e |
| Nigeria | 480 | 230 | 120 | 80 | 160 | 2n |
| Russia | 45 | 44 | 32 | 60 | 39 | 1n |
| Rwanda | 395 | 380 | 315 | 240 | 245 | 1e |
| Sierra Leone | 38 | 31 | 16 | 29 | 36 | 1a |
| Spain | | 0 | 18 | 16 | 19 | 1e |
| Total | 2 301 | 2 037 | 1 645 | 1 706 | 1 760 | |

Titanium (TiO₂-Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 993 000 | 875 250 | 780 465 | 830 800 | 624 100 | 1e |
| Brazil | 66 930 | 73 090 | 81 650 | 61 940 | 75 100 | 1e |
| Canada | 670 000 | 620 000 | 550 000 | 480 000 | 440 000 | 2n |

| | | | | | | |
|---------------|-----------|-----------|-----------|-----------|-----------|----|
| China | 1 242 000 | 1 932 000 | 2 306 900 | 2 911 800 | 2 856 650 | 1e |
| India | 167 800 | 172 700 | 205 200 | 205 000 | 176 000 | 2n |
| Iran | 30 630 | 30 000 | 4 880 | 5 000 | 6 860 | 1a |
| Kazakhstan | 65 000 | 65 000 | 60 000 | 28 000 | 20 000 | 2n |
| Kenya | 345 560 | 340 150 | 262 660 | 256 410 | 254 210 | 1n |
| Korea, South | 122 670 | 117 250 | 162 790 | 158 340 | 177 420 | 1e |
| Madagascar | 230 700 | 214 900 | 252 200 | 280 600 | 324 800 | 1e |
| Malaysia | 8 500 | 12 600 | 6 930 | 6 280 | 13 470 | 1e |
| Mozambique | 725 200 | 701 400 | 786 900 | 874 000 | 1 126 800 | 1e |
| Norway | 238 200 | 176 370 | 211 280 | 229 780 | 295 610 | 1a |
| Russia | 2 900 | 3 000 | 3 100 | 3 000 | 4 400 | 2e |
| Senegal | 280 320 | 287 940 | 281 030 | 291 740 | 310 310 | 1e |
| Sierra Leone | 190 480 | 145 400 | 165 180 | 135 930 | 135 400 | 1a |
| South Africa | 1 090 000 | 1 000 000 | 970 000 | 950 000 | 900 000 | 2n |
| Sri Lanka | 30 630 | 35 670 | 25 940 | 11 150 | 28 775 | 1e |
| Thailand | 4 | 23 | 64 | 84 | 36 | 1e |
| Turkey | 6 370 | 6 175 | 6 130 | 6 455 | 7 080 | 1e |
| Ukraine | 430 300 | 518 950 | 564 050 | 537 430 | 489 200 | 1e |
| United States | 66 000 | 100 000 | 100 000 | 100 000 | 100 000 | 1e |
| Vietnam | 117 160 | 122 250 | 112 680 | 139 760 | 127 070 | 3e |
| Total | 7 120 354 | 7 550 118 | 7 900 029 | 8 503 499 | 8 493 291 | |

Tungsten (W-Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 5 | 10 | 30 | 100 | 160 | 1e |
| Austria | 975 | 936 | 892 | 896 | 919 | 1e |
| Bolivia | 1 015 | 1 366 | 1 064 | 1 347 | 1 563 | 1e |
| Brazil | 411 | 346 | 306 | 262 | 301 | 1e |
| Burundi | 144 | 108 | 150 | 166 | 120 | 1e |
| China | 71 800 | 68 000 | 74 950 | 71 450 | 68 660 | 1e |
| Congo, D.R. | 130 | 160 | 260 | 116 | 114 | 1e |
| Korea, North | 310 | 1 410 | 1 130 | 410 | 50 | 1e |
| Mexico | | 45 | 15 | 32 | 0 | 1e |
| Mongolia | 523 | 430 | 370 | 35 | 120 | 1e |
| Myanmar | 330 | 190 | 130 | 80 | 40 | 1e |
| Nigeria | 12 | 66 | 15 | 18 | 24 | 1e |
| Portugal | 669 | 716 | 518 | 553 | 542 | 1e |
| Russia | 2 144 | 2 234 | 2 433 | 2 274 | 1 900 | 2e |
| Rwanda | 905 | 1 155 | 1 120 | 990 | 1 545 | 1e |
| Spain | 564 | 856 | 414 | 238 | 642 | 1a |
| Thailand | 43 | 65 | 22 | 57 | 58 | 1e |
| Uganda | 37 | 113 | 87 | 7 | 11 | 2n |
| United Kingdom | 1 086 | 890 | 0 | 0 | 0 | 1e |
| Uzbekistan | 103 | 97 | 100 | 20 | 25 | 1e |
| Vietnam | 5 141 | 4 881 | 4 816 | 5 970 | 11 735 | 1n |
| Zimbabwe | 3 | 16 | 37 | 30 | 8 | 1e |
| Total | 86 350 | 84 090 | 88 859 | 85 051 | 88 537 | |

Vanadium (V-Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Brazil | 6 798 | 6 562 | 7 045 | 7 582 | 7 212 | 1n |
| China | 48 500 | 53 200 | 64 700 | 69 960 | 63 800 | 1e |
| India | 0 | 442 | 76 | 100 | 100 | 2n |
| Russia | 18 636 | 17 052 | 18 380 | 19 533 | 20 058 | 1n |
| South Africa | 7 958 | 7 691 | 8 062 | 8 584 | 8 799 | 1n |
| United States | | 0 | 460 | 17 | 0 | 1e |
| Total | 81 892 | 84 947 | 98 723 | 105 776 | 99 969 | |

6.4.2 Non-Ferrous Metals

Aluminium

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Argentina | 431 239 | 439 600 | 438 434 | 309 804 | 338 239 | 1e |
| Australia | 1 487 555 | 1 574 239 | 1 569 619 | 1 583 400 | 1 558 529 | 1e |
| Azerbaijan | 28 500 | 45 390 | 32 700 | 28 560 | 31 000 | 1e |
| Bahrain | 981 016 | 1 011 101 | 1 365 005 | 1 548 500 | 1 561 222 | 1n |
| Bosnia-Herzegovina | 125 536 | 131 508 | 67 690 | 0 | 90 037 | 1e |
| Brazil | 801 700 | 659 000 | 650 200 | 685 100 | 771 700 | 1e |
| Cameroon | 68 598 | 65 900 | 53 200 | 47 500 | 36 400 | 1e |
| Canada | 3 212 124 | 2 924 389 | 2 853 771 | 3 118 710 | 3 136 704 | 1e |
| China | 33 289 600 | 36 831 000 | 35 361 600 | 37 080 400 | 38 503 200 | 1e |
| Egypt | 298 000 | 267 100 | 290 000 | 268 000 | 270 000 | 2n |
| France | 426 730 | 390 000 | 401 850 | 417 000 | 430 000 | 1e |
| Germany | 550 000 | 528 900 | 507 934 | 529 056 | 509 193 | 1e |
| Ghana | 40 500 | 42 867 | 43 908 | 37 566 | 39 239 | 1e |
| Greece | 181 700 | 187 465 | 186 903 | 181 708 | 169 775 | 1e |
| Iceland | 759 988 | 731 478 | 682 616 | 691 989 | 695 857 | 1e |
| India | 3 400 618 | 3 696 181 | 3 635 089 | 3 619 237 | 4 012 000 | 1e |
| Indonesia | 215 192 | 219 306 | 233 457 | 220 089 | 200 577 | 1n |
| Iran | 337 608 | 304 800 | 258 166 | 424 475 | 543 715 | 1e |
| Kazakhstan | 254 000 | 258 400 | 264 895 | 265 665 | 262 361 | 1e |
| Malaysia | 760 000 | 760 000 | 760 000 | 980 700 | 901 000 | 1n |
| Montenegro | 39 379 | 40 163 | 36 522 | 37 208 | 45 214 | 1e |
| Mozambique | 577 495 | 571 125 | 564 756 | 571 125 | 564 756 | 1n |
| Netherlands | 29 300 | 41 300 | 81 100 | 70 600 | 46 700 | 1q |
| New Zealand | 336 740 | 340 678 | 351 481 | 333 314 | 333 135 | 1n |
| Norway | 1 253 000 | 1 295 000 | 1 312 000 | 1 330 000 | 1 431 000 | 1n |
| Oman | 252 714 | 379 775 | 390 515 | 396 929 | 395 360 | 1n |
| Qatar | 620 000 | 616 000 | 627 400 | 631 400 | 634 270 | 1n |
| Romania | 282 074 | 282 810 | 280 326 | 271 307 | 293 399 | 1n |
| Russia | 3 583 000 | 3 774 000 | 3 894 400 | 3 928 800 | 3 931 000 | 1n |
| Saudi Arabia | 762 068 | 775 500 | 775 561 | 796 004 | 998 915 | 1n |
| Slovakia | 173 492 | 173 721 | 174 794 | 151 875 | 163 995 | 1n |
| Slovenia | 84 424 | 80 511 | 68 255 | 50 185 | 37 867 | 1n |
| South Africa | 716 000 | 714 000 | 717 000 | 717 000 | 714 000 | 1n |
| Spain | 360 000 | 350 000 | 230 000 | 200 000 | 190 000 | 2q |
| Sweden | 123 000 | 125 000 | 120 000 | 117 000 | 124 000 | 1n |

| | | | | | | |
|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----|
| Tajikistan | 103 147 | 95 800 | 100 800 | 84 000 | 61 000 | 1e |
| Turkey | 75 523 | 73 291 | 78 100 | 79 600 | 82 000 | 1e |
| United Arab Emirates | 2 600 000 | 2 640 000 | 2 579 000 | 2 505 000 | 2 577 680 | 1n |
| United Kingdom | 46 500 | 44 400 | 39 400 | 35 700 | 37 600 | 1q |
| United States | 740 884 | 896 652 | 1 126 032 | 1 026 617 | 907 846 | 1e |
| Venezuela | 136 000 | 64 700 | 10 000 | 9 996 | 38 340 | 1n |
| Total | 60 544 944 | 64 443 050 | 63 214 479 | 65 381 119 | 67 668 825 | |

Antimony

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 3 131 | 2 173 | 2 032 | 3 903 | 3 380 | 1n |
| Bolivia | 2 881 | 3 110 | 2 747 | 2 629 | 3 084 | 1e |
| Canada | 1 | 5 | 2 | 2 | 2 | 2n |
| China | 97 683 | 70 396 | 68 422 | 60 995 | 41 480 | 1e |
| Ecuador | 260 | 0 | 0 | 0 | 0 | 1e |
| Guatemala | 0 | 0 | 150 | 50 | 0 | 1e |
| Honduras | 0 | 20 | 15 | 10 | 120 | 1e |
| Iran | 620 | 1 645 | 330 | 1 065 | 1 960 | 1a |
| Kazakhstan | 350 | 150 | 0 | 0 | 0 | 1e |
| Kyrgyzstan | 1 380 | 680 | 20 | 20 | 0 | 1e |
| Laos | 320 | 330 | 70 | 0 | 240 | 1e |
| Mexico | 240 | 300 | 289 | 136 | 413 | 1e |
| Myanmar | 4 500 | 2 640 | 4 800 | 6 600 | 2 870 | 1n |
| Pakistan | 15 | 20 | 0 | 17 | 33 | 1n |
| Russia | 6 120 | 30 828 | 21 671 | 17 532 | 9 750 | 1e |
| Tajikistan | 26 370 | 28 890 | 29 900 | 23 570 | 26 150 | 2n |
| Turkey | 4 840 | 3 570 | 3 815 | 2 570 | 4 210 | 1e |
| Vietnam | 230 | 245 | 396 | 312 | 305 | 3e |
| Total | 148 941 | 145 002 | 134 659 | 119 411 | 93 997 | |

Arsenic

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Belgium | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 2b |
| Bolivia | 20 | 238 | 126 | 50 | 100 | 1e |
| China | 25 000 | 24 000 | 24 000 | 24 000 | 24 000 | 2b |
| Iran | 400 | 0 | 0 | 0 | 0 | 1a |
| Japan | 45 | 45 | 45 | 40 | 40 | 2n |
| Morocco | 6 879 | 5 578 | 5 055 | 7 694 | 6 883 | 1n |
| Namibia | 700 | 0 | 0 | 0 | 0 | 1n |
| Peru | 22 403 | 20 376 | 24 915 | 19 014 | 21 872 | 1e |
| Russia | 1 000 | 500 | 102 | 500 | 1 000 | 2n |
| Total | 57 447 | 51 737 | 55 243 | 52 298 | 54 895 | |

Bauxite (crude ore)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----|
| Australia | 89 420 589 | 95 947 593 | 105 543 787 | 103 626 811 | 103 266 404 | 1e |
| Bosnia-Herzegovina | 740 384 | 760 244 | 1 043 343 | 619 748 | 675 269 | 1e |
| Brazil | 38 072 100 | 32 377 000 | 31 937 900 | 32 897 800 | 35 949 600 | 1n |
| China | 68 390 000 | 70 751 000 | 73 323 700 | 70 000 000 | 68 400 000 | 1e |
| Colombia | 2 400 | 13 666 | 18 033 | 9 595 | 3 200 | 1e |
| Cote d'Ivoire | | | 0 | 272 295 | 700 000 | 2e |
| Croatia | 12 215 | 11 776 | 14 342 | 14 084 | 14 448 | 1e |
| Dominican Republic | 0 | 0 | 0 | 9 475 | 80 058 | 1e |
| Fiji | 118 540 | 57 960 | 0 | 0 | 0 | 1e |
| France | 131 012 | 138 800 | 120 760 | 123 496 | 142 764 | 1e |
| Ghana | 1 476 966 | 1 011 302 | 1 116 334 | 1 162 086 | 839 465 | 1e |
| Greece | 1 927 150 | 1 559 359 | 1 379 123 | 1 428 631 | 1 227 498 | 1e |
| Guinea | 51 701 564 | 59 573 707 | 70 173 326 | 87 766 199 | 87 438 557 | 1e |
| Guyana | 1 459 223 | 1 926 053 | 1 919 747 | 595 943 | 618 552 | 1e |
| Hungary | 1 300 | 4 200 | 0 | 0 | 0 | 1e |
| India | 22 786 106 | 23 689 619 | 21 825 227 | 20 380 548 | 22 493 947 | 1e |
| Indonesia | 1 733 380 | 11 023 850 | 16 592 740 | 25 859 895 | 25 781 187 | 1e |
| Iran | 804 510 | 866 683 | 828 788 | 1 042 325 | 883 950 | 1a |
| Jamaica | 8 244 628 | 10 058 228 | 9 022 286 | 7 546 139 | 5 949 600 | 1e |
| Kazakhstan | 4 846 100 | 6 104 200 | 4 118 400 | 4 057 800 | 4 370 100 | 1e |
| Malaysia | 830 000 | 589 685 | 900 561 | 594 715 | 47 577 | 1e |
| Montenegro | 927 847 | 468 164 | 774 725 | 791 813 | 526 760 | 1a |
| Mozambique | 3 182 | 9 912 | 8 024 | 6 491 | 7 852 | 1e |
| Pakistan | 75 375 | 145 189 | 92 936 | 101 047 | 97 495 | 1e |
| Russia | 5 845 000 | 7 057 000 | 6 641 000 | 6 647 000 | 6 565 000 | 1e |
| Saudi Arabia | 4 125 000 | 4 906 000 | 5 127 000 | 5 227 927 | 5 488 000 | 1e |
| Sierra Leone | 1 787 716 | 1 938 461 | 1 883 863 | 1 342 139 | 1 396 678 | 1n |
| Solomon Islands | 1 523 900 | 1 646 200 | 1 234 030 | 841 890 | 0 | 1e |
| Tanzania | 12 | 7 | 0 | 26 | 38 | 1e |
| Turkey | 1 719 144 | 678 138 | 2 255 480 | 2 399 680 | 2 764 873 | 1e |
| United States | 352 100 | 399 700 | 154 900 | 16 440 | 0 | 1e |
| Venezuela | 242 000 | 92 000 | 50 000 | 0 | 22 000 | 1e |
| Vietnam | 2 565 000 | 3 569 700 | 3 700 000 | 3 610 000 | 4 100 000 | 2n |
| Total | 311 864 443 | 337 375 396 | 361 800 355 | 378 992 038 | 379 850 872 | |

Beryllium (concentrates)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Brazil | 69 | 39 | 9 | 10 | 10 | 2n |
| China | 1 250 | 1 250 | 1 750 | 1 750 | 1 750 | 2n |
| Madagascar | 140 | 140 | 30 | 30 | 30 | 2n |
| Mozambique | 53 | 416 | 45 | 80 | 330 | 1e |
| Nigeria | 0 | 35 | 1 | 2 | 0 | 1e |
| Rwanda | 30 | 30 | 20 | 20 | 20 | 2n |
| Uganda | 0 | 24 | 15 | 186 | 190 | 2n |
| United States | 3 760 | 4 170 | 4 050 | 4 160 | 4 380 | 1n |
| Zambia | 4 | 7 | 7 | 2 | 6 | 1n |
| Total | 5 306 | 6 111 | 5 927 | 6 240 | 6 716 | |

Bismuth

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Armenia | 1 | 0 | 0 | 0 | 0 | 1e |
| Bolivia | 8 | 39 | 0 | 55 | 27 | 1e |
| Canada | 4 | 5 | 4 | 4 | 4 | 2n |
| China | 6 800 | 7 000 | 7 000 | 7 500 | 8 000 | 2n |
| Japan | 525 | 571 | 540 | 570 | 500 | 2n |
| Kazakhstan | 200 | 159 | 200 | 270 | 250 | 2n |
| Mexico | 513 | 313 | 291 | 0 | 0 | 1e |
| Peru | 123 | 145 | 73 | 74 | 248 | 1e |
| Russia | 30 | 15 | 46 | 45 | 45 | 2n |
| Uzbekistan | 0 | 0 | 2 | 2 | 2 | 2n |
| Vietnam | 2 403 | 2 639 | 917 | 993 | 2 067 | 1n |
| Total | 10 607 | 10 886 | 9 073 | 9 513 | 11 143 | |

Cadmium

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Argentina | 96 | 74 | 80 | 46 | 0 | 1e |
| Brazil | 180 | 300 | 450 | 100 | 50 | 2n |
| Bulgaria | 333 | 313 | 315 | 311 | 343 | 1n |
| Canada | 1 802 | 1 857 | 1 803 | 1 800 | 1 800 | 2n |
| China | 8 411 | 10 349 | 10 000 | 10 000 | 10 000 | 2n |
| Germany | 730 | 520 | 620 | 500 | 450 | 2n |
| India | 47 | 0 | 0 | 0 | 0 | 1e |
| Japan | 2 142 | 1 980 | 1 783 | 1 880 | 1 900 | 2n |
| Kazakhstan | 2 690 | 850 | 1 200 | 1 500 | 1 500 | 2n |
| Korea, North | 200 | 200 | 150 | 150 | 150 | 2n |
| Korea, South | 4 960 | 5 100 | 3 950 | 4 100 | 4 000 | 2n |
| Mexico | 1 142 | 1 307 | 952 | 978 | 1 051 | 1e |
| Netherlands | 890 | 960 | 860 | 880 | 854 | 1b |
| Norway | 416 | 380 | 370 | 344 | 390 | 1e |
| Peru | 797 | 765 | 772 | 451 | 279 | 1e |
| Poland | 309 | 305 | 199 | 80 | 292 | 1n |
| Russia | 1 176 | 1 201 | 1 000 | 1 000 | 1 000 | 2n |
| United States | 150 | 73 | 131 | 211 | 241 | 1e |
| Uzbekistan | 306 | 237 | 250 | 450 | 470 | 2n |
| Total | 26 777 | 26 771 | 24 885 | 24 781 | 24 770 | |

Copper

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Albania | 0 | 2 515 | 5 900 | 3 070 | 5 690 | 1e |
| Argentina | 33 303 | 17 435 | 0 | 0 | 0 | 1e |
| Armenia | 95 793 | 68 928 | 91 214 | 83 291 | 79 970 | 1e |
| Australia | 849 121 | 910 896 | 925 157 | 868 019 | 795 955 | 1e |
| Azerbaijan | 2 063 | 1 650 | 2 213 | 2 591 | 2 649 | 1n |
| Bolivia | 7 219 | 5 216 | 4 478 | 2 822 | 3 310 | 1e |

| | | | | | | |
|--------------------|------------|------------|------------|------------|------------|----|
| Botswana | 1 239 | 1 462 | 0 | 0 | 11 742 | 1e |
| Brazil | 384 542 | 385 762 | 363 268 | 353 258 | 335 761 | 1e |
| Bulgaria | 110 290 | 112 850 | 114 240 | 107 610 | 104 020 | 1a |
| Canada | 597 194 | 548 011 | 543 609 | 578 966 | 541 648 | 1e |
| Chile | 5 503 500 | 5 831 600 | 5 787 400 | 5 733 100 | 5 624 900 | 1e |
| China | 1 706 400 | 1 618 480 | 1 683 450 | 1 718 940 | 1 901 000 | 1e |
| Colombia | 9 356 | 9 918 | 7 641 | 9 356 | 9 194 | 1e |
| Congo, D.R. | 1 094 638 | 1 239 059 | 1 461 124 | 1 712 964 | 1 924 374 | 1e |
| Congo, Rep. | 15 979 | 18 018 | 18 760 | 10 300 | 10 300 | 2n |
| Cyprus | 1 293 | 908 | 703 | 0 | 0 | 1a |
| Dominican Republic | 9 618 | 8 588 | 6 047 | 2 193 | 4 774 | 1e |
| Ecuador | 8 200 | 42 200 | 9 900 | 49 700 | 89 170 | 1n |
| Eritrea | 7 900 | 17 300 | 16 008 | 21 725 | 20 224 | 1n |
| Finland | 53 144 | 46 755 | 32 861 | 36 278 | 32 384 | 1a |
| Georgia | 9 400 | 9 100 | 9 500 | 8 000 | 8 130 | 1e |
| Germany | 63 | 51 | 40 | 37 | 60 | 1e |
| India | 31 550 | 32 530 | 28 585 | 25 260 | 26 580 | 1e |
| Indonesia | 621 979 | 651 132 | 351 220 | 505 650 | 731 060 | 1n |
| Iran | 295 653 | 316 380 | 314 143 | 313 323 | 313 612 | 1a |
| Kazakhstan | 540 700 | 632 550 | 604 970 | 548 760 | 511 940 | 1e |
| Korea, North | 15 000 | 15 000 | 2 000 | 2 000 | 2 000 | 2q |
| Korea, South | 7 | 0 | 0 | 0 | 0 | 1e |
| Kyrgyzstan | 8 956 | 8 813 | 8 640 | 6 500 | 8 100 | 1n |
| Laos | 153 304 | 154 948 | 140 935 | 88 163 | 38 349 | 1n |
| Mauritania | 28 791 | 28 137 | 29 620 | 28 491 | 18 846 | 1e |
| Mexico | 742 246 | 696 580 | 713 704 | 800 316 | 734 137 | 1e |
| Mongolia | 314 920 | 309 750 | 290 980 | 291 010 | 303 030 | 1e |
| Morocco | 35 420 | 32 430 | 30 720 | 31 750 | 50 340 | 1e |
| Myanmar | 126 930 | 179 310 | 219 200 | 196 500 | 200 360 | 1n |
| Namibia | 15 466 | 15 177 | 14 940 | 15 741 | 950 | 1e |
| North Macedonia | 8 966 | 7 718 | 7 231 | 6 625 | 6 810 | 1e |
| Pakistan | 10 052 | 12 538 | 13 049 | 13 200 | 18 806 | 1n |
| Panama | | 0 | 147 480 | 205 548 | 331 000 | 1n |
| Papua New Guinea | 105 448 | 96 277 | 99 432 | 82 841 | 66 531 | 1n |
| Peru | 2 445 585 | 2 437 035 | 2 455 440 | 2 150 126 | 2 299 277 | 1e |
| Philippines | 68 156 | 69 933 | 71 892 | 60 856 | 51 586 | 1e |
| Poland | 419 300 | 401 300 | 398 900 | 392 700 | 391 300 | 1e |
| Portugal | 63 812 | 49 064 | 41 553 | 32 230 | 39 443 | 1e |
| Romania | 8 160 | 8 555 | 9 180 | 9 130 | 9 240 | 1n |
| Russia | 761 100 | 870 500 | 812 400 | 924 100 | 934 000 | 2e |
| Saudi Arabia | 43 150 | 59 200 | 66 610 | 75 370 | 75 180 | 1n |
| Serbia | 45 115 | 44 096 | 43 550 | 52 207 | 121 150 | 1n |
| Slovakia | 32 | 21 | 17 | 20 | 76 | 1e |
| South Africa | 65 532 | 46 900 | 52 501 | 29 068 | 28 307 | 1e |
| Spain | 198 353 | 187 714 | 170 556 | 182 678 | 138 060 | 1a |
| Sweden | 104 594 | 106 140 | 99 332 | 100 065 | 88 108 | 1a |
| Tajikistan | 6 060 | 8 490 | 8 500 | 978 | 4 480 | 1e |
| Tanzania | 15 800 | 10 000 | 14 187 | 11 700 | 11 520 | 2q |
| Turkey | 85 200 | 87 000 | 73 300 | 107 000 | 108 100 | 1q |
| United States | 1 260 000 | 1 220 000 | 1 260 000 | 1 200 000 | 1 230 000 | 1e |
| Uzbekistan | 109 000 | 117 000 | 137 300 | 142 800 | 148 500 | 1e |
| Vietnam | 21 100 | 25 300 | 29 240 | 30 780 | 33 580 | 1n |
| Zambia | 799 329 | 857 847 | 796 430 | 882 061 | 827 107 | 1e |
| Zimbabwe | 8 839 | 9 077 | 8 731 | 7 933 | 8 650 | 1e |
| Total | 20 083 860 | 20 701 144 | 20 649 981 | 20 855 700 | 21 415 370 | |

Gallium

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| China | 290 | 305 | 356 | 290 | 420 | 1e |
| Japan | 3 | 3 | 3 | 3 | 3 | 2n |
| Korea, South | 3 | 3 | 2 | 2 | 2 | 1b |
| Russia | 5 | 6 | 8 | 5 | 5 | 2n |
| Ukraine | 9 | 6 | 5 | 4 | 4 | 2n |
| Total | 310 | 323 | 374 | 304 | 434 | |

Germanium

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| China | 87 | 95 | 85 | 86 | 132 | 1e |
| Japan | 2 | 2 | 2 | 2 | 2 | 2n |
| Russia | 6 | 6 | 5 | 5 | 5 | 2n |
| Ukraine | 1 | 1 | 1 | 1 | 1 | 2n |
| United States | 2 | 2 | 2 | 2 | 2 | 2n |
| Total | 98 | 106 | 95 | 96 | 142 | |

Indium

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Belgium | 20 | 20 | 20 | 20 | 20 | 2b |
| Brazil | 5 | 0 | 0 | 0 | 0 | 2n |
| Canada | 67 | 58 | 61 | 61 | 44 | 1e |
| China | 355 | 395 | 490 | 528 | 540 | 2n |
| France | 30 | 43 | 38 | 40 | 40 | 2n |
| Germany | 10 | 0 | 0 | 0 | 0 | 1e |
| Japan | 70 | 70 | 70 | 66 | 66 | 2b |
| Korea, South | 215 | 235 | 225 | 210 | 190 | 1b |
| Peru | 5 | 5 | 7 | 7 | 7 | 2n |
| Russia | 5 | 4 | 6 | 10 | 10 | 2n |
| Total | 782 | 830 | 917 | 942 | 917 | |

Lead

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Argentina | 40 135 | 28 260 | 42 957 | 23 008 | 17 098 | 1n |
| Australia | 395 190 | 446 571 | 500 985 | 494 271 | 485 487 | 1e |
| Bolivia | 113 286 | 112 140 | 88 002 | 64 619 | 92 767 | 1e |
| Bosnia-Herzegovina | 6 740 | 7 070 | 7 470 | 6 110 | 6 310 | 1n |
| Brazil | 6 959 | 7 277 | 5 715 | 5 351 | 6 307 | 1n |

| | | | | | | |
|-----------------|-----------|-----------|-----------|-----------|-----------|----|
| Bulgaria | 22 860 | 24 200 | 23 350 | 20 680 | 21 420 | 1a |
| Canada | 20 477 | 17 874 | 22 608 | 3 770 | 70 156 | 1e |
| Chile | 1 562 | 712 | 7 | 1 386 | 382 | 1e |
| China | 2 080 000 | 2 033 000 | 2 097 000 | 1 969 000 | 2 000 000 | 2n |
| Cuba | 1 500 | 25 380 | 36 000 | 30 000 | 30 000 | 2n |
| Finland | | 0 | 937 | 1 532 | 1 494 | 1a |
| Greece | 12 075 | 15 345 | 14 818 | 19 717 | 16 773 | 1n |
| Guatemala | 4 200 | 264 | 377 | 0 | 0 | 1e |
| Honduras | 6 761 | 9 893 | 12 308 | 13 400 | 14 000 | 2n |
| India | 172 720 | 205 920 | 197 080 | 216 280 | 211 200 | 1e |
| Indonesia | 7 635 | 10 880 | 9 450 | 7 090 | 6 735 | 1n |
| Iran | 44 900 | 49 600 | 72 500 | 81 800 | 74 100 | 2a |
| Ireland | 17 100 | 16 712 | 16 053 | 14 401 | 13 192 | 1e |
| Kazakhstan | 111 200 | 86 500 | 55 700 | 30 200 | 29 900 | 1e |
| Korea, North | 31 600 | 35 000 | 25 000 | 24 000 | 25 000 | 2q |
| Korea, South | 3 760 | 2 340 | 1 930 | 1 680 | 1 530 | 1e |
| Kosovo | 5 100 | 4 700 | 3 960 | 3 870 | 5 250 | 1e |
| Laos | 660 | 330 | 250 | 90 | 170 | 1n |
| Mexico | 243 022 | 230 869 | 372 106 | 468 486 | 272 231 | 1e |
| Mongolia | 7 390 | 11 320 | 13 500 | 12 400 | 9 700 | 1e |
| Montenegro | 3 050 | 3 100 | 3 480 | 640 | 0 | 1e |
| Morocco | 38 040 | 30 360 | 32 770 | 38 190 | 31 340 | 1e |
| Myanmar | 14 890 | 24 930 | 35 090 | 27 000 | 12 900 | 1n |
| Namibia | 5 805 | 4 291 | 6 320 | 8 890 | 10 130 | 1e |
| Nepal | 3 900 | 0 | 0 | 1 800 | 5 550 | 1e |
| Nigeria | 24 260 | 17 900 | 23 550 | 20 100 | 45 500 | 1n |
| North Macedonia | 39 850 | 41 900 | 43 490 | 44 930 | 42 870 | 1e |
| Pakistan | 3 050 | 4 820 | 8 090 | 7 094 | 7 277 | 1n |
| Peru | 306 784 | 289 123 | 308 116 | 241 548 | 264 162 | 1e |
| Poland | 39 000 | 40 210 | 48 510 | 46 790 | 29 430 | 1e |
| Portugal | 5 164 | 19 440 | 27 852 | 28 178 | 29 526 | 1e |
| Romania | 720 | 1 200 | 520 | 510 | 690 | 1e |
| Russia | 204 700 | 206 100 | 207 900 | 200 700 | 199 500 | 2e |
| Serbia | 8 790 | 9 110 | 9 970 | 8 420 | 6 330 | 1e |
| Slovakia | 147 | 114 | 111 | 102 | 101 | 1e |
| South Africa | 48 150 | 35 118 | 42 936 | 28 048 | 31 224 | 1e |
| Spain | 3 268 | 9 936 | 11 390 | 11 397 | 10 880 | 1a |
| Sweden | 71 112 | 64 751 | 68 635 | 65 402 | 65 404 | 1a |
| Tajikistan | 61 090 | 52 990 | 65 570 | 41 630 | 49 970 | 1e |
| Turkey | 74 990 | 75 990 | 71 480 | 81 520 | 93 660 | 1n |
| United Kingdom | 100 | 100 | 150 | 100 | 100 | 2e |
| United States | 310 000 | 280 000 | 274 000 | 297 000 | 286 000 | 1e |
| Uzbekistan | 26 000 | 21 300 | 19 100 | 18 400 | 30 500 | 1n |
| Vietnam | 4 500 | 14 500 | 12 500 | 14 100 | 16 350 | 1n |
| Total | 4 654 192 | 4 629 440 | 4 941 593 | 4 745 630 | 4 680 596 | |

Lithium (Li₂O-Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Argentina | 12 360 | 13 810 | 13 670 | 12 620 | 12 870 | 1e |
| Australia | 98 650 | 115 200 | 105 700 | 89 300 | 113 600 | 1n |
| Bolivia | 20 | 10 | 160 | 80 | 410 | 1e |
| Brazil | 533 | 786 | 2 575 | 4 065 | 5 670 | 1e |
| Canada | 66 | 8 750 | 1 200 | 0 | 0 | 1e |
| Chile | 32 520 | 38 850 | 44 940 | 49 730 | 65 060 | 1e |
| China | 14 700 | 15 300 | 19 000 | 28 800 | 30 500 | 2n |
| Namibia | 0 | 600 | 0 | 0 | 0 | 1e |

| | | | | | | |
|---------------|----------------|----------------|----------------|----------------|----------------|----|
| Nigeria | 0 | 50 | 10 | 0 | 20 | 2e |
| Portugal | 604 | 914 | 710 | 280 | 225 | 1e |
| United States | 1 420 | 1 500 | 1 450 | 1 220 | 2 505 | 1e |
| Zimbabwe | 1 850 | 3 160 | 2 650 | 860 | 1 670 | 1e |
| Total | 162 723 | 198 930 | 192 065 | 186 955 | 232 530 | |

Mercury

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Argentina | 54 | 50 | 50 | 0 | 0 | 1e |
| Chile | 5 | 3 | 0 | 0 | 0 | 2n |
| China | 1 949 | 2 303 | 2 046 | 1 993 | 1 400 | 1e |
| Iran | 3 | 0 | 0 | 0 | 0 | 2n |
| Kyrgyzstan | 10 | 88 | 20 | 20 | 10 | 2n |
| Mexico | 200 | 230 | 50 | 70 | 40 | 2e |
| Morocco | 10 | 5 | 2 | 2 | 2 | 2n |
| Russia | 50 | 50 | 50 | 30 | 30 | 2n |
| Tajikistan | 100 | 120 | 80 | 160 | 160 | 2n |
| United States | 15 | 15 | 15 | 15 | 15 | 2n |
| Total | 2 396 | 2 864 | 2 313 | 2 290 | 1 657 | |

Rare Earth Minerals (REO-Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 17 264 | 18 556 | 17 660 | 19 440 | 21 970 | 1n |
| Brazil | 1 900 | 510 | 380 | 450 | 580 | 1e |
| Burundi | 31 | 631 | 195 | 296 | 134 | 1n |
| China | 105 000 | 120 000 | 132 000 | 140 000 | 168 000 | 1e |
| India | 1 360 | 2 110 | 2 520 | 2 500 | 2 600 | 2n |
| Madagascar | 0 | 2 400 | 3 200 | 4 300 | 4 100 | 1n |
| Malaysia | 180 | 990 | 70 | 10 | 30 | 1e |
| Myanmar | 5 000 | 20 400 | 17 100 | 21 000 | 27 100 | 1n |
| Russia | 2 500 | 2 596 | 2 620 | 2 663 | 2 276 | 1n |
| United States | 0 | 14 000 | 27 620 | 38 503 | 42 413 | 1n |
| Total | 133 235 | 182 193 | 203 365 | 229 162 | 269 203 | |

Rhenium

| Country | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg | Rem |
|------------|------------|------------|------------|------------|------------|-----|
| Armenia | 260 | 280 | 310 | 260 | 170 | 2n |
| Chile | 20 451 | 26 052 | 24 003 | 14 549 | 18 831 | 1n |
| China | 2 500 | 2 500 | 2 500 | 2 500 | 2 500 | 2b |
| Kazakhstan | 2 600 | 1 600 | 1 000 | 1 000 | 1 000 | 2n |
| Poland | 7 564 | 6 290 | 5 770 | 6 580 | 6 401 | 1e |

| | | | | | | |
|---------------|--------|--------|--------|--------|--------|----|
| Russia | 1 500 | 1 000 | 1 000 | 2 000 | 2 000 | 2n |
| United States | 8 200 | 8 220 | 8 360 | 8 830 | 9 290 | 1e |
| Uzbekistan | 530 | 500 | 800 | 1 000 | 2 370 | 1e |
| Total | 43 605 | 46 442 | 43 743 | 36 719 | 42 562 | |

Selenium

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Armenia | 1 | 0 | 0 | 0 | 0 | 1e |
| Belgium | 200 | 200 | 200 | 200 | 200 | 2b |
| Canada | 72 | 85 | 102 | 102 | 57 | 1e |
| China | 720 | 930 | 1 250 | 1 120 | 1 400 | 1e |
| Finland | 100 | 109 | 115 | 84 | 100 | 1a |
| Germany | 300 | 300 | 300 | 300 | 300 | 2n |
| India | 17 | 17 | 17 | 20 | 20 | 2n |
| Japan | 792 | 768 | 740 | 740 | 720 | 2b |
| Kazakhstan | 40 | 10 | 10 | 0 | 0 | 1n |
| Mexico | 112 | 107 | 127 | 106 | 135 | 1e |
| Peru | 49 | 52 | 56 | 53 | 48 | 1n |
| Philippines | 100 | 100 | 100 | 100 | 200 | 2n |
| Poland | 74 | 66 | 76 | 74 | 66 | 1e |
| Russia | 194 | 185 | 193 | 195 | 230 | 2n |
| Serbia | 27 | 28 | 20 | 10 | 4 | 1e |
| Sweden | 66 | 59 | 53 | 69 | 70 | 2n |
| United States | 116 | 152 | 144 | 66 | 70 | 2n |
| Uzbekistan | 25 | 28 | 30 | 40 | 90 | 1e |
| Total | 3 005 | 3 196 | 3 533 | 3 279 | 3 710 | |

Tellurium

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Bulgaria | 5 | 4 | 3 | 4 | 3 | 1n |
| Canada | 18 | 25 | 13 | 23 | 25 | 2n |
| China | 470 | 480 | 380 | 260 | 530 | 1e |
| Japan | 38 | 58 | 50 | 70 | 68 | 2b |
| Russia | 44 | 35 | 38 | 55 | 60 | 2n |
| Sweden | 35 | 45 | 41 | 42 | 41 | 1a |
| United States | 0 | 0 | 2 | 2 | 2 | 2n |
| Uzbekistan | 3 | 2 | 2 | 3 | 5 | 1e |
| Total | 613 | 649 | 529 | 459 | 734 | |

Tin

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 7 402 | 6 871 | 7 738 | 8 118 | 8 772 | 1e |
| Bolivia | 18 386 | 17 251 | 17 147 | 14 709 | 19 628 | 1e |
| Brazil | 17 081 | 17 591 | 14 867 | 16 893 | 15 517 | 1e |
| Burundi | 123 | 122 | 143 | 121 | 95 | 1e |
| China | 74 800 | 87 070 | 85 584 | 94 460 | 91 000 | 1e |
| Colombia | | 0 | 22 | 10 | 0 | 1e |
| Congo, D.R. | 10 391 | 8 950 | 10 990 | 14 670 | 15 750 | 1e |
| India | 13 | 16 | 12 | 13 | 20 | 1e |
| Indonesia | 78 070 | 82 809 | 76 390 | 52 617 | 34 466 | 1e |
| Laos | 975 | 430 | 530 | 600 | 890 | 1e |
| Malaysia | 4 819 | 3 868 | 3 611 | 2 963 | 3 193 | 1e |
| Mongolia | 20 | 25 | 20 | 0 | 1 160 | 1a |
| Myanmar | 67 300 | 54 500 | 38 900 | 33 440 | 33 930 | 1n |
| Namibia | | 0 | 7 | 242 | 492 | 1n |
| Nigeria | 8 260 | 7 850 | 6 900 | 5 970 | 6 890 | 1n |
| Peru | 17 790 | 18 601 | 19 853 | 20 647 | 26 995 | 1e |
| Portugal | 81 | 111 | 108 | 104 | 60 | 1e |
| Russia | 1 011 | 1 531 | 2 471 | 2 559 | 3 317 | 1e |
| Rwanda | 3 430 | 3 405 | 2 780 | 2 030 | 2 260 | 1e |
| Spain | 24 | 81 | 101 | 115 | 220 | 1q |
| Tanzania | 68 | 6 | 18 | 35 | 158 | 1e |
| Thailand | 341 | 47 | 46 | 198 | 220 | 1e |
| Uganda | 66 | 53 | 15 | 0 | 0 | 1e |
| United Kingdom | 255 | 220 | 0 | 0 | 0 | 1n |
| Vietnam | 5 200 | 5 745 | 6 369 | 6 798 | 6 000 | 2q |
| Total | 315 906 | 317 153 | 294 622 | 277 312 | 271 033 | |

Zinc

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Algeria | 350 | 500 | 500 | 1 000 | 500 | 2n |
| Argentina | 23 392 | 22 050 | 19 462 | 11 320 | 6 188 | 1n |
| Armenia | 6 070 | 6 946 | 7 162 | 8 684 | 7 706 | 1e |
| Australia | 852 164 | 1 146 781 | 1 337 321 | 1 314 910 | 1 315 160 | 1e |
| Bolivia | 527 206 | 519 630 | 527 521 | 358 411 | 499 257 | 1e |
| Bosnia-Herzegovina | 9 180 | 9 350 | 9 160 | 6 610 | 7 310 | 1n |
| Brazil | 156 348 | 169 773 | 163 403 | 174 332 | 159 913 | 1e |
| Bulgaria | 19 250 | 20 390 | 19 170 | 17 520 | 17 910 | 1a |
| Burkina Faso | 91 530 | 99 162 | 106 680 | 78 990 | 84 170 | 1e |
| Canada | 346 776 | 304 964 | 323 000 | 247 534 | 310 158 | 1e |
| Chile | 29 008 | 26 810 | 5 620 | 28 662 | 27 915 | 1e |
| China | 3 868 500 | 3 721 000 | 4 213 000 | 4 058 000 | 4 136 000 | 1e |
| Congo, D.R. | 12 337 | 1 047 | 1 607 | 15 305 | 16 079 | 1e |
| Congo, Rep. | 4 270 | 460 | 4 830 | 1 100 | 4 300 | 1e |
| Cuba | 2 900 | 42 250 | 57 830 | 57 730 | 44 500 | 1n |
| Dominican Republic | 3 920 | 4 038 | 5 527 | 2 361 | 4 986 | 1e |
| Eritrea | 95 400 | 125 000 | 121 260 | 121 930 | 129 641 | 1n |
| Finland | 66 284 | 85 067 | 69 800 | 61 213 | 59 080 | 1a |
| Greece | 18 715 | 21 515 | 22 322 | 28 090 | 22 621 | 1n |
| Guatemala | 6 100 | 0 | 0 | 0 | 0 | 1e |
| Honduras | 20 437 | 28 422 | 29 454 | 30 200 | 32 300 | 2n |

| | | | | | | |
|-----------------|------------|------------|------------|------------|------------|----|
| India | 772 600 | 728 400 | 719 220 | 756 090 | 796 100 | 1e |
| Indonesia | 13 800 | 21 100 | 25 215 | 20 390 | 14 780 | 1n |
| Iran | 129 900 | 143 600 | 209 900 | 215 200 | 195 100 | 2a |
| Ireland | 130 600 | 131 742 | 122 463 | 127 008 | 112 249 | 1e |
| Kazakhstan | 345 000 | 346 000 | 321 900 | 335 400 | 318 000 | 1q |
| Korea, North | 36 000 | 30 000 | 25 700 | 25 000 | 28 000 | 2q |
| Korea, South | 3 320 | 3 660 | 4 110 | 4 250 | 4 370 | 1e |
| Kosovo | 4 500 | 3 600 | 3 050 | 3 890 | 3 620 | 1e |
| Laos | 0 | 3 080 | 1 250 | 860 | 5 400 | 1n |
| Mexico | 671 444 | 662 355 | 859 194 | 1 008 252 | 742 926 | 1e |
| Mongolia | 41 350 | 43 950 | 41 550 | 38 150 | 39 490 | 1a |
| Montenegro | 8 820 | 10 670 | 9 520 | 10 130 | 9 360 | 1e |
| Morocco | 51 700 | 57 700 | 43 570 | 35 810 | 40 230 | 1e |
| Myanmar | 13 150 | 12 240 | 13 680 | 11 310 | 6 200 | 1n |
| Namibia | 131 920 | 118 310 | 124 630 | 62 260 | 41 180 | 1e |
| Nigeria | 22 130 | 26 920 | 23 220 | 26 620 | 32 220 | 1n |
| North Macedonia | 27 510 | 29 720 | 31 040 | 31 750 | 30 070 | 1e |
| Pakistan | 19 460 | 26 980 | 37 365 | 35 054 | 35 391 | 1n |
| Peru | 1 473 073 | 1 474 674 | 1 404 382 | 1 334 570 | 1 532 173 | 1e |
| Poland | 50 000 | 43 000 | 40 000 | 43 000 | 0 | 1e |
| Portugal | 71 357 | 144 983 | 161 569 | 176 849 | 188 395 | 1e |
| Romania | 770 | 330 | 1 260 | 100 | 100 | 2n |
| Russia | 255 200 | 288 000 | 275 400 | 260 700 | 306 000 | 2e |
| Saudi Arabia | 21 787 | 27 100 | 27 270 | 26 790 | 22 710 | 1n |
| Serbia | 7 400 | 8 230 | 7 510 | 11 480 | 11 310 | 1e |
| Slovakia | 166 | 151 | 119 | 96 | 25 | 1e |
| South Africa | 30 778 | 28 129 | 125 157 | 160 816 | 193 785 | 1e |
| Spain | 70 451 | 106 352 | 90 980 | 90 368 | 90 480 | 1a |
| Sweden | 251 244 | 237 715 | 247 657 | 234 811 | 236 416 | 1a |
| Tajikistan | 92 940 | 84 330 | 90 860 | 54 720 | 79 150 | 1e |
| Thailand | 1 580 | 0 | 0 | 0 | 0 | 1e |
| Turkey | 155 900 | 184 500 | 146 800 | 136 300 | 171 100 | 1e |
| United States | 773 800 | 824 000 | 753 000 | 718 000 | 704 000 | 1e |
| Uzbekistan | 47 200 | 38 400 | 35 400 | 37 200 | 42 000 | 1q |
| Vietnam | 12 000 | 12 000 | 13 000 | 11 150 | 10 700 | 1n |
| Total | 11 898 987 | 12 257 076 | 13 081 570 | 12 668 276 | 12 928 724 | |

6.4.3 Precious Metals

Gold

| Country | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg | Rem |
|--------------|------------|------------|------------|------------|------------|-----|
| Algeria | 137 | 286 | 70 | 58 | 71 | 1e |
| Angola | | 0 | 23 | 59 | 35 | 1e |
| Argentina | 60 956 | 58 397 | 53 125 | 34 936 | 37 280 | 1n |
| Armenia | 4 670 | 4 967 | 5 825 | 5 284 | 3 714 | 1n |
| Australia | 292 022 | 313 028 | 326 304 | 327 952 | 307 170 | 1e |
| Azerbaijan | 3 667 | 4 239 | 3 897 | 3 635 | 3 427 | 1n |
| Benin | 5 | 5 | 5 | 5 | 5 | 2n |
| Bolivia | 28 726 | 31 599 | 42 000 | 23 207 | 45 662 | 1e |
| Botswana | 913 | 1 105 | 943 | 851 | 649 | 1a |
| Brazil | 79 717 | 85 198 | 89 988 | 98 922 | 93 103 | 1e |
| Bulgaria | 8 670 | 8 995 | 7 467 | 9 349 | 9 695 | 1n |
| Burkina Faso | 46 398 | 52 622 | 50 302 | 62 138 | 66 858 | 1e |

| | | | | | | |
|--------------------------|---------|---------|---------|---------|---------|----|
| Burundi | 953 | 598 | 573 | 863 | 986 | 1e |
| Cambodia | | | | 0 | 1 466 | 1n |
| Cameroon | 713 | 448 | 341 | 400 | 440 | 1e |
| Canada | 178 568 | 194 155 | 190 542 | 178 055 | 222 524 | 1e |
| Central African Republic | 118 | 142 | 359 | 401 | 840 | 1e |
| Chile | 37 911 | 37 066 | 38 455 | 33 895 | 34 248 | 1e |
| China | 426 142 | 401 119 | 380 230 | 365 340 | 328 980 | 1e |
| Colombia | 43 158 | 35 965 | 38 006 | 48 561 | 55 534 | 1e |
| Congo, D.R. | 31 586 | 36 777 | 33 752 | 29 597 | 31 445 | 1e |
| Congo, Rep. | 100 | 150 | 150 | 150 | 150 | 2n |
| Costa Rica | 4 255 | 3 699 | 4 500 | 600 | 600 | 2n |
| Cote d'Ivoire | 25 396 | 24 488 | 32 568 | 38 523 | 41 855 | 1e |
| Cyprus | 48 | 47 | 33 | 61 | 0 | 1a |
| Dominican Republic | 35 243 | 31 633 | 31 801 | 28 154 | 25 437 | 1e |
| Ecuador | 6 368 | 8 213 | 6 293 | 9 086 | 15 026 | 1n |
| Egypt | 16 941 | 14 694 | 14 946 | 14 069 | 12 919 | 1n |
| Eritrea | 2 633 | 3 768 | 2 443 | 3 019 | 4 625 | 1n |
| Eswatini | 0 | 4 | 6 | 1 | 0 | 1e |
| Ethiopia | 5 390 | 3 495 | 2 800 | 7 500 | 9 600 | 1e |
| Fiji | 1 425 | 1 281 | 1 106 | 1 090 | 1 107 | 1e |
| Finland | 9 102 | 8 732 | 7 927 | 8 668 | 9 082 | 1a |
| French Guiana | 1 486 | 1 320 | 1 157 | 1 058 | 1 188 | 1e |
| Gabon | 620 | 83 | 107 | 55 | 200 | 1e |
| Georgia | 3 032 | 2 913 | 4 052 | 5 401 | 3 513 | 1q |
| Germany | 7 | 9 | 15 | 10 | 12 | 1e |
| Ghana | 143 438 | 149 057 | 142 371 | 125 114 | 87 676 | 1e |
| Greece | 823 | 2 839 | 2 333 | 2 177 | 3 315 | 1e |
| Guatemala | 1 646 | 0 | 0 | 0 | 0 | 1e |
| Guinea | 46 847 | 25 823 | 27 708 | 91 798 | 102 046 | 1e |
| Guyana | 20 334 | 19 069 | 19 963 | 18 209 | 15 522 | 1e |
| Honduras | 2 656 | 2 070 | 3 035 | 1 963 | 2 824 | 1n |
| India | 1 651 | 1 664 | 1 742 | 1 127 | 1 251 | 1e |
| Indonesia | 101 510 | 135 250 | 108 900 | 66 190 | 72 660 | 1n |
| Iran | 7 100 | 7 600 | 8 140 | 6 919 | 6 990 | 1a |
| Japan | 6 369 | 6 453 | 6 313 | 7 590 | 6 225 | 1e |
| Kazakhstan | 85 339 | 100 288 | 106 559 | 116 964 | 114 843 | 1e |
| Kenya | 503 | 472 | 395 | 150 | 292 | 1e |
| Korea, North | 10 000 | 10 000 | 10 000 | 10 000 | 10 000 | 2q |
| Korea, South | 285 | 239 | 181 | 170 | 162 | 1e |
| Kyrgyzstan | 22 795 | 22 602 | 26 127 | 24 150 | 24 870 | 1n |
| Laos | 5 988 | 5 579 | 5 207 | 5 097 | 8 742 | 1n |
| Liberia | 6 071 | 7 289 | 5 068 | 4 396 | 7 860 | 1e |
| Madagascar | 2 834 | 3 052 | 2 423 | 1 779 | 2 000 | 2n |
| Malaysia | 2 124 | 2 978 | 3 151 | 1 716 | 1 781 | 1e |
| Mali | 49 622 | 60 893 | 66 739 | 71 200 | 69 400 | 1e |
| Mauritania | 9 096 | 9 236 | 13 554 | 14 125 | 6 499 | 1n |
| Mexico | 126 820 | 141 143 | 133 893 | 142 787 | 124 776 | 1e |
| Mongolia | 19 849 | 20 655 | 16 235 | 20 226 | 19 054 | 1a |
| Morocco | 220 | 386 | 221 | 143 | 147 | 1n |
| Mozambique | 166 | 507 | 430 | 488 | 764 | 1e |
| Myanmar | 1 620 | 467 | 267 | 871 | 773 | 1e |
| Namibia | 7 800 | 6 632 | 7 016 | 6 718 | 7 648 | 1n |
| New Zealand | 10 288 | 10 045 | 8 217 | 5 860 | 5 815 | 1e |
| Nicaragua | 7 367 | 7 703 | 9 190 | 8 087 | 11 144 | 1a |
| Niger | 914 | 6 207 | 5 224 | 2 361 | 4 010 | 1e |
| Nigeria | 7 000 | 10 000 | 9 000 | 1 520 | 2 000 | 2n |
| North Macedonia | 972 | 767 | 593 | 448 | 470 | 2n |
| Panama | 0 | 0 | 1 869 | 2 633 | 4 405 | 1n |
| Papua New Guinea | 61 678 | 67 282 | 71 050 | 52 510 | 39 145 | 1n |
| Peru | 151 964 | 140 211 | 128 413 | 88 054 | 97 339 | 1e |
| Philippines | 22 749 | 20 765 | 20 687 | 21 030 | 25 332 | 1e |
| Poland | 572 | 523 | 674 | 878 | 768 | 1e |

| | | | | | | |
|----------------|-----------|-----------|-----------|-----------|-----------|----|
| Romania | 960 | 900 | 500 | 500 | 500 | 2q |
| Russia | 270 300 | 279 850 | 305 050 | 308 560 | 313 830 | 1e |
| Rwanda | 2 000 | 2 163 | 2 000 | 2 000 | 2 000 | 2n |
| Saudi Arabia | 10 465 | 13 397 | 12 418 | 13 222 | 12 413 | 1e |
| Senegal | 7 255 | 12 508 | 14 550 | 12 408 | 14 678 | 1n |
| Serbia | 1 199 | 839 | 1 452 | 1 550 | 4 794 | 1n |
| Sierra Leone | 142 | 464 | 75 | 25 | 149 | 1a |
| Slovakia | 447 | 515 | 346 | 336 | 392 | 1e |
| South Africa | 137 290 | 117 144 | 105 185 | 95 786 | 105 036 | 1e |
| Spain | 1 825 | 1 991 | 1 913 | 1 609 | 1 822 | 1a |
| Sudan | 107 300 | 93 600 | 57 700 | 35 700 | 49 700 | 1e |
| Suriname | 25 844 | 26 006 | 24 516 | 21 214 | 18 634 | 1n |
| Sweden | 7 858 | 7 866 | 7 972 | 8 249 | 8 805 | 1a |
| Taiwan | 4 | 4 | 6 | 3 | 1 | 1e |
| Tajikistan | 5 500 | 6 432 | 8 100 | 8 764 | 9 330 | 1n |
| Tanzania | 43 490 | 39 304 | 48 408 | 55 805 | 59 638 | 1e |
| Togo | 19 960 | 10 000 | 8 227 | 3 565 | 3 600 | 2n |
| Turkey | 23 090 | 27 100 | 39 000 | 42 100 | 39 290 | 1e |
| Uganda | 4 | 12 | 7 | 10 | 10 | 2n |
| United Kingdom | 0 | 0 | 50 | 28 | 79 | 1n |
| United States | 236 986 | 225 528 | 201 000 | 193 400 | 187 000 | 1e |
| Uruguay | 1 055 | 393 | 0 | 0 | 0 | 1e |
| Uzbekistan | 89 900 | 92 716 | 100 900 | 100 000 | 100 360 | 1n |
| Venezuela | 8 100 | 9 100 | 9 100 | 9 000 | 9 000 | 2q |
| Vietnam | 557 | 570 | 540 | 559 | 664 | 1n |
| Zambia | 4 373 | 4 044 | 4 522 | 3 994 | 3 987 | 1n |
| Zimbabwe | 26 495 | 35 054 | 29 429 | 20 873 | 31 477 | 1e |
| Total | 3 336 485 | 3 384 486 | 3 327 965 | 3 205 661 | 3 235 183 | |

Palladium

| Country | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg | Rem |
|---------------|------------|------------|------------|------------|------------|-----|
| Australia | 610 | 430 | 390 | 420 | 380 | 1e |
| Canada | 19 140 | 20 880 | 23 340 | 21 430 | 15 260 | 1e |
| China | 1 400 | 1 300 | 1 300 | 1 300 | 1 300 | 2n |
| Finland | 1 021 | 1 157 | 699 | 858 | 1 036 | 1a |
| Poland | 7 | 5 | 5 | 4 | 4 | 2n |
| Russia | 76 270 | 92 570 | 92 900 | 81 990 | 83 630 | 1n |
| Serbia | 50 | 55 | 100 | 100 | 140 | 1e |
| South Africa | 80 713 | 80 629 | 80 684 | 66 264 | 84 336 | 1e |
| United States | 13 600 | 14 267 | 14 323 | 14 555 | 13 725 | 1n |
| Uzbekistan | | 0 | 28 | 91 | 160 | 1e |
| Zimbabwe | 11 822 | 12 094 | 11 640 | 12 890 | 12 619 | 1e |
| Total | 204 633 | 223 387 | 225 409 | 199 902 | 212 590 | |

Platinum

| Country | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg | Rem |
|-----------|------------|------------|------------|------------|------------|-----|
| Australia | 155 | 110 | 95 | 100 | 90 | 1e |
| Canada | 6 850 | 7 460 | 8 340 | 8 360 | 5 960 | 1e |
| China | 2 500 | 2 500 | 2 500 | 2 500 | 2 500 | 2n |

| | | | | | | |
|---------------|----------------|----------------|----------------|----------------|----------------|----|
| Colombia | 567 | 270 | 178 | 414 | 618 | 1e |
| Finland | 1 418 | 1 576 | 953 | 1 277 | 1 447 | 1a |
| Poland | 11 | 8 | 8 | 6 | 5 | 2n |
| Russia | 22 400 | 21 370 | 22 420 | 21 740 | 19 840 | 1n |
| Serbia | 3 | 6 | 10 | 22 | 30 | 1e |
| South Africa | 132 500 | 137 053 | 132 989 | 111 993 | 141 626 | 1e |
| United States | 3 980 | 4 165 | 4 152 | 4 203 | 4 017 | 1n |
| Zimbabwe | 14 257 | 14 703 | 13 857 | 15 004 | 14 732 | 1e |
| Total | 184 641 | 189 221 | 185 502 | 165 619 | 190 865 | |

Rhodium

| Country | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg | Rem |
|---------------|---------------|---------------|---------------|---------------|---------------|-----|
| Canada | 600 | 750 | 830 | 730 | 520 | 2n |
| Russia | 2 426 | 2 146 | 2 115 | 1 800 | 1 650 | 1n |
| South Africa | 18 665 | 18 608 | 19 545 | 16 972 | 20 875 | 1e |
| United States | 100 | 100 | 100 | 100 | 100 | 2n |
| Zimbabwe | 1 283 | 1 334 | 1 224 | 1 368 | 1 334 | 1e |
| Total | 23 074 | 22 938 | 23 814 | 20 970 | 24 479 | |

Silver

| Country | 2017 kg | 2018 kg | 2019 kg | 2020 kg | 2021 kg | Rem |
|--------------------|------------|------------|------------|------------|------------|-----|
| Algeria | 25 | 30 | 30 | 20 | 12 | 1e |
| Argentina | 997 961 | 1 023 768 | 1 070 670 | 767 087 | 842 600 | 1n |
| Armenia | 17 200 | 16 700 | 17 922 | 19 493 | 19 480 | 1n |
| Australia | 1 120 175 | 1 254 480 | 1 325 089 | 1 337 344 | 1 329 718 | 1e |
| Azerbaijan | 6 949 | 8 943 | 8 160 | 7 590 | 8 988 | 1n |
| Bolivia | 1 222 371 | 1 191 024 | 1 153 109 | 929 909 | 1 289 456 | 1e |
| Botswana | | | | 0 | 10 383 | 1e |
| Brazil | 46 400 | 49 600 | 50 000 | 68 430 | 80 870 | 1n |
| Bulgaria | 59 484 | 47 016 | 40 755 | 39 126 | 38 661 | 1n |
| Burkina Faso | 5 470 | 6 160 | 5 670 | 10 012 | 8 897 | 1e |
| Canada | 392 788 | 403 589 | 357 422 | 324 862 | 325 026 | 1e |
| Chile | 1 318 582 | 1 370 237 | 1 309 321 | 1 575 794 | 1 383 041 | 1e |
| China | 3 620 400 | 3 440 000 | 3 468 000 | 3 405 800 | 3 511 600 | 1n |
| Colombia | 12 076 | 16 691 | 14 479 | 19 948 | 26 963 | 1e |
| Congo, D.R. | 3 376 | 3 400 | 3 400 | 3 400 | 3 400 | 2n |
| Cote d'Ivoire | 493 | 510 | 300 | 956 | 1 000 | 2n |
| Cyprus | 99 | 180 | 97 | 486 | 0 | 1a |
| Dominican Republic | 151 828 | 166 510 | 108 685 | 87 889 | 79 688 | 1e |
| Ecuador | 68 | 192 | 2 892 | 1 792 | 23 698 | 1n |
| Eritrea | 1 192 | 31 000 | 44 836 | 65 284 | 68 624 | 1n |
| Ethiopia | 750 | 1 000 | 800 | 1 000 | 1 000 | 2n |
| Fiji | 350 | 413 | 692 | 479 | 622 | 1e |
| Finland | 13 654 | 12 849 | 40 461 | 54 833 | 45 338 | 1a |
| Georgia | 21 000 | 20 042 | 4 100 | 11 200 | 12 700 | 1q |
| Germany | 6 000 | 5 000 | 4 000 | 4 000 | 6 000 | 1e |
| Ghana | 4 000 | 4 000 | 4 000 | 3 000 | 1 000 | 2n |
| Greece | 34 220 | 39 150 | 37 790 | 51 111 | 44 086 | 1n |
| Guatemala | 336 944 | 0 | 0 | 0 | 0 | 1e |

| | | | | | | |
|------------------|------------|------------|------------|------------|------------|----|
| Honduras | 21 785 | 31 182 | 45 174 | 40 400 | 37 495 | 1n |
| India | 557 691 | 679 386 | 609 340 | 705 795 | 647 140 | 1e |
| Indonesia | 328 780 | 308 810 | 487 400 | 338 100 | 295 920 | 1n |
| Iran | 50 000 | 50 000 | 50 000 | 50 000 | 50 000 | 2q |
| Ireland | 1 344 | 1 160 | 1 578 | 918 | 1 342 | 1e |
| Japan | 3 408 | 3 596 | 3 467 | 4 192 | 3 339 | 1e |
| Kazakhstan | 1 041 838 | 969 347 | 1 022 068 | 1 035 181 | 1 004 789 | 1e |
| Korea, North | 70 000 | 70 000 | 50 000 | 50 000 | 50 000 | 2q |
| Korea, South | 8 863 | 7 090 | 5 245 | 7 203 | 10 001 | 1e |
| Kyrgyzstan | 19 212 | 18 328 | 19 010 | 16 127 | 16 549 | 1n |
| Laos | 42 841 | 37 465 | 34 443 | 29 075 | 26 998 | 1n |
| Malaysia | 1 404 | 1 542 | 686 | 423 | 672 | 1e |
| Mali | 2 900 | 2 844 | 3 000 | 3 000 | 3 000 | 2n |
| Mexico | 5 815 034 | 7 243 341 | 7 485 602 | 7 424 554 | 6 118 000 | 1n |
| Mongolia | 67 190 | 69 120 | 79 864 | 77 762 | 79 035 | 1e |
| Morocco | 277 130 | 200 530 | 216 580 | 189 220 | 194 360 | 1n |
| Namibia | 6 490 | 3 850 | 7 765 | 7 520 | 5 847 | 1n |
| New Zealand | 8 022 | 6 332 | 4 060 | 1 393 | 3 055 | 1e |
| Nicaragua | 15 419 | 11 263 | 17 362 | 20 411 | 21 460 | 1a |
| Niger | 100 | 300 | 100 | 120 | 100 | 2n |
| North Macedonia | 16 020 | 15 060 | 15 620 | 16 090 | 15 470 | 1n |
| Panama | | 0 | 35 217 | 49 628 | 78 419 | 1n |
| Papua New Guinea | 69 650 | 113 890 | 162 630 | 118 193 | 90 200 | 1n |
| Peru | 4 417 987 | 4 160 162 | 3 860 306 | 2 723 879 | 3 310 192 | 1e |
| Philippines | 31 737 | 29 782 | 31 267 | 24 024 | 30 856 | 1e |
| Poland | 1 289 900 | 1 264 300 | 1 249 000 | 1 218 200 | 1 302 900 | 1e |
| Portugal | 40 186 | 90 760 | 95 270 | 95 954 | 97 945 | 1n |
| Romania | 18 000 | 18 000 | 18 000 | 18 000 | 18 000 | 2q |
| Russia | 1 373 000 | 1 400 100 | 1 407 000 | 1 380 000 | 1 280 000 | 2e |
| Saudi Arabia | 5 133 | 6 480 | 7 123 | 7 479 | 6 818 | 1e |
| Senegal | 660 | 940 | 898 | 1 090 | 1 310 | 1e |
| Serbia | 12 340 | 8 970 | 14 502 | 15 900 | 11 600 | 1e |
| Slovakia | 410 | 345 | 295 | 269 | 328 | 1e |
| South Africa | 62 536 | 46 467 | 55 903 | 38 118 | 37 146 | 1e |
| Spain | 82 907 | 88 514 | 77 501 | 92 662 | 80 848 | 1a |
| Sudan | 2 000 | 1 000 | 1 000 | 1 000 | 1 000 | 2n |
| Sweden | 467 500 | 443 624 | 419 926 | 400 929 | 428 585 | 1a |
| Tajikistan | 6 550 | 9 500 | 11 100 | 11 350 | 11 500 | 2n |
| Tanzania | 10 911 | 12 041 | 12 550 | 13 187 | 9 324 | 1e |
| Turkey | 151 490 | 202 400 | 242 000 | 98 270 | 162 670 | 1e |
| United Kingdom | 0 | 0 | 130 | 100 | 358 | 1n |
| United States | 1 030 000 | 934 000 | 981 000 | 1 030 000 | 1 020 000 | 1e |
| Uzbekistan | 232 300 | 161 700 | 172 000 | 196 000 | 211 500 | 1n |
| Total | 27 054 523 | 27 836 005 | 28 085 662 | 26 342 561 | 25 938 922 | |

6.4.4 Industrial Minerals

Asbestos

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Argentina | 26 | 0 | 0 | 0 | 0 | 1e |
| Brazil | 129 094 | 111 439 | 12 205 | 77 057 | 172 256 | 1e |
| China | 125 000 | 170 000 | 125 000 | 120 000 | 120 000 | 2n |

| | | | | | | |
|--------------|------------------|------------------|------------------|------------------|------------------|----|
| Kazakhstan | 192 700 | 202 900 | 210 700 | 227 400 | 250 100 | 1e |
| Russia | 710 250 | 752 917 | 789 600 | 707 811 | 750 000 | 2n |
| Total | 1 157 070 | 1 237 256 | 1 137 505 | 1 132 268 | 1 292 356 | |

Baryte

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|----------------|------------------|------------------|------------------|------------------|------------------|-----|
| Algeria | 29 159 | 39 426 | 31 138 | 32 940 | 33 000 | 2n |
| Argentina | 15 553 | 7 225 | 3 898 | 0 | 0 | 1e |
| Australia | 8 958 | 6 535 | 1 982 | 0 | 1 127 | 1e |
| Bolivia | 29 114 | 53 163 | 39 458 | 9 611 | 26 780 | 1e |
| Brazil | 16 275 | 9 377 | 9 223 | 1 849 | 361 | 1e |
| Bulgaria | 64 000 | 70 000 | 72 000 | 41 000 | 72 000 | 1e |
| Canada | 50 000 | 50 000 | 40 000 | 40 000 | 50 000 | 2n |
| China | 3 100 000 | 2 900 000 | 2 900 000 | 2 500 000 | 2 200 000 | 2n |
| Colombia | 2 028 | 3 211 | 2 270 | 2 046 | 744 | 1e |
| Ecuador | 0 | 2 868 | 2 000 | 2 000 | 1 000 | 2n |
| Egypt | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 2n |
| Germany | 34 177 | 37 897 | 30 474 | 26 656 | 27 921 | 1e |
| Guatemala | 43 | 63 | 50 | 50 | 100 | 2n |
| India | 2 050 215 | 2 488 756 | 2 739 035 | 2 500 000 | 2 500 000 | 2n |
| Iran | 514 711 | 477 227 | 247 207 | 285 756 | 297 469 | 1a |
| Kazakhstan | 569 900 | 773 200 | 530 600 | 445 300 | 1 016 500 | 1e |
| Korea, North | 4 200 | 4 200 | 4 000 | 4 000 | 4 000 | 2n |
| Laos | 33 325 | 35 000 | 48 600 | 96 278 | 37 403 | 1e |
| Mexico | 359 912 | 366 234 | 415 180 | 480 954 | 320 642 | 1e |
| Morocco | 818 016 | 899 365 | 1 119 811 | 501 939 | 840 486 | 1e |
| Myanmar | 3 206 | 9 658 | 12 439 | 2 642 | 2 220 | 1e |
| Nigeria | 717 | 387 | 370 | 544 | 460 | 1e |
| Pakistan | 91 711 | 88 847 | 116 480 | 55 341 | 51 553 | 1e |
| Peru | 9 182 | 15 621 | 16 373 | 5 242 | 10 361 | 1e |
| Russia | 221 000 | 265 300 | 163 000 | 265 000 | 252 000 | 1e |
| Slovakia | 15 700 | 11 100 | 0 | 0 | 0 | 1e |
| Thailand | 147 954 | 67 490 | 33 644 | 22 394 | 4 988 | 1e |
| Tunisia | 10 000 | 10 000 | 10 000 | 10 000 | 11 100 | 2n |
| Turkey | 292 447 | 465 138 | 413 811 | 283 161 | 256 076 | 1e |
| United Kingdom | 55 000 | 55 000 | 50 000 | 50 000 | 50 000 | 2n |
| United States | 334 000 | 366 000 | 414 000 | 125 409 | 257 450 | 1e |
| Vietnam | 70 000 | 50 000 | 43 000 | 51 500 | 39 600 | 2n |
| Total | 8 954 503 | 9 632 288 | 9 514 043 | 7 845 612 | 8 369 341 | |

Bentonite

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Algeria | 35 600 | 36 000 | 36 700 | 34 200 | 36 000 | 2n |
| Argentina | 156 750 | 184 969 | 120 000 | 98 000 | 133 235 | 1e |
| Armenia | 24 712 | 0 | 0 | 0 | 0 | 1e |
| Australia | 68 000 | 87 330 | 56 000 | 42 713 | 46 658 | 1e |
| Azerbaijan | 235 617 | 212 336 | 222 519 | 155 112 | 174 242 | 1e |
| Bolivia | 68 | 2 | 0 | 0 | 0 | 1e |
| Bosnia-Herzegovina | 92 344 | 87 358 | 94 601 | 69 183 | 75 761 | 1e |

| | | | | | | |
|-----------------|------------|------------|------------|------------|------------|----|
| Brazil | 616 929 | 500 000 | 403 763 | 217 055 | 220 000 | 2n |
| Bulgaria | 54 100 | 45 000 | 45 000 | 40 900 | 72 100 | 1a |
| Chile | 1 584 | 525 | 395 | 170 | 170 | 1e |
| China | 5 600 000 | 5 600 000 | 5 600 000 | 3 650 000 | 2 500 000 | 1e |
| Colombia | 103 217 | 166 778 | 145 643 | 179 893 | 51 353 | 1e |
| Cuba | 589 | 630 | 504 | 486 | 517 | 1e |
| Cyprus | 95 593 | 98 800 | 83 113 | 92 645 | 81 655 | 1a |
| Czech Republic | 254 000 | 277 000 | 357 000 | 226 000 | 198 000 | 1a |
| Denmark | 69 594 | 56 173 | 48 197 | 40 054 | 20 281 | 1e |
| Egypt | 4 600 | 10 000 | 7 000 | 7 000 | 7 000 | 2n |
| France | 24 497 | 35 696 | 36 000 | 36 000 | 36 000 | 2n |
| Germany | 416 000 | 379 000 | 366 000 | 333 000 | 363 000 | 1e |
| Greece | 1 087 800 | 1 365 374 | 1 393 958 | 979 329 | 1 257 216 | 1e |
| Guatemala | 20 542 | 16 953 | 12 700 | 6 000 | 7 378 | 1e |
| Hungary | 24 630 | 25 000 | 41 500 | 42 000 | 42 000 | 2n |
| India | 3 488 264 | 3 661 450 | 3 605 000 | 3 740 000 | 3 550 000 | 2n |
| Iran | 517 524 | 423 604 | 761 079 | 714 684 | 1 153 283 | 1a |
| Italy | 86 106 | 100 067 | 82 720 | 65 989 | 32 252 | 1e |
| Japan | 250 000 | 250 000 | 250 000 | 250 000 | 250 000 | 2n |
| Kazakhstan | 120 000 | 120 000 | 52 000 | 59 200 | 60 000 | 2n |
| Korea, South | 47 306 | 31 824 | 43 886 | 5 314 | 34 243 | 1e |
| Mexico | 148 475 | 264 800 | 24 321 | 79 219 | 80 000 | 2n |
| Morocco | 174 546 | 172 749 | 188 081 | 92 387 | 134 340 | 1e |
| Mozambique | 285 | 1 091 | 77 734 | 80 189 | 118 692 | 1e |
| Myanmar | 600 | 540 | 0 | 500 | 500 | 2n |
| New Zealand | 700 | 4 482 | 500 | 500 | 500 | 2n |
| North Macedonia | 912 | 2 945 | 682 | 2 196 | 1 277 | 1e |
| Norway | 0 | 3 234 | 0 | 0 | 12 803 | 1e |
| Pakistan | 42 770 | 74 268 | 48 332 | 107 742 | 59 744 | 1e |
| Peru | 756 | 2 383 | 46 887 | 25 532 | 56 199 | 1e |
| Philippines | 2 620 | 10 800 | 13 050 | 4 720 | 6 059 | 1e |
| Poland | 0 | 560 | 500 | 920 | 500 | 1e |
| Romania | 28 005 | 34 809 | 41 964 | 45 495 | 54 648 | 1e |
| Russia | 669 700 | 714 000 | 720 000 | 720 000 | 500 000 | 2e |
| Slovakia | 226 425 | 269 990 | 260 120 | 261 640 | 274 050 | 1e |
| Slovenia | 147 | 113 | 99 | 77 | 75 | 1e |
| South Africa | 165 141 | 173 486 | 105 084 | 85 558 | 98 606 | 1e |
| Spain | 177 565 | 178 463 | 160 477 | 205 773 | 171 572 | 1a |
| Turkey | 1 481 617 | 1 331 955 | 1 533 547 | 1 658 837 | 2 020 356 | 1e |
| Turkmenistan | 10 000 | 10 000 | 10 000 | 10 000 | 10 000 | 2n |
| Ukraine | 113 200 | 178 200 | 124 700 | 125 000 | 125 000 | 2n |
| United States | 4 450 000 | 4 570 000 | 4 520 000 | 4 250 000 | 4 590 000 | 1e |
| Uruguay | 6 640 | 7 760 | 6 730 | 16 550 | 19 710 | 1e |
| Uzbekistan | 10 000 | 12 559 | 32 588 | 48 739 | 50 000 | 2n |
| Total | 21 206 070 | 21 791 056 | 21 780 674 | 18 906 501 | 18 786 975 | |

Boron Minerals

| Country | 2017 | 2018 | 2019 | 2020 | 2021 | Rem |
|------------|---------|---------|---------|---------|---------|-----|
| | metr. t | metr. t | metr. t | metr. t | metr. t | |
| Argentina | 129 918 | 71 212 | 181 818 | 134 604 | 188 870 | 1e |
| Bolivia | 208 388 | 216 403 | 214 269 | 258 019 | 309 940 | 1e |
| Chile | 607 076 | 398 411 | 352 255 | 288 103 | 363 032 | 1e |
| China | 70 000 | 80 000 | 250 000 | 250 000 | 250 000 | 2n |
| Iran | 850 | 851 | 2 026 | 1 495 | 2 000 | 2n |
| Kazakhstan | 30 000 | 30 000 | 30 000 | 30 000 | 30 000 | 2n |

| | | | | | | |
|---------------|------------------|------------------|------------------|------------------|------------------|----|
| Peru | 0 | 100 552 | 111 108 | 43 645 | 246 362 | 1e |
| Russia | 82 500 | 88 000 | 81 800 | 85 500 | 89 600 | 1n |
| Turkey | 2 025 000 | 2 432 000 | 2 040 000 | 1 680 000 | 2 540 000 | 1e |
| United States | 1 075 000 | 1 075 000 | 1 030 000 | 830 000 | 900 000 | 2n |
| Total | 4 228 732 | 4 492 429 | 4 293 276 | 3 601 366 | 4 919 804 | |

Diamonds (Gem)

| Country | 2017 ct | 2018 ct | 2019 ct | 2020 ct | 2021 ct | Rem |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|
| Angola | 8 494 920 | 8 490 500 | 8 209 365 | 7 118 240 | 7 850 760 | 1c |
| Australia | 342 690 | 280 160 | 243 090 | 199 600 | 0 | 1e |
| Botswana | 16 058 700 | 17 064 600 | 16 580 900 | 11 807 600 | 15 887 200 | 1a |
| Brazil | 84 115 | 82 810 | 53 240 | 41 300 | 46 670 | 1e |
| Canada | 23 198 761 | 22 789 001 | 17 560 210 | 14 389 507 | 17 353 418 | 1e |
| Central African Republic | 47 840 | 10 860 | 22 040 | 49 470 | 74 220 | 1c |
| China | 230 | 99 | 51 | 21 | 0 | 1c |
| Congo, D.R. | 2 268 332 | 1 815 745 | 2 020 450 | 2 588 850 | 2 594 650 | 1e |
| Cote d'Ivoire | 8 925 | 4 540 | 3 989 | 4 012 | 4 121 | 1e |
| Ghana | 69 540 | 46 025 | 27 030 | 20 230 | 43 340 | 1e |
| Guinea | 136 090 | 219 530 | 171 880 | 96 430 | 204 990 | 1c |
| Guyana | 39 120 | 46 580 | 41 240 | 14 430 | 33 830 | 1e |
| India | 12 940 | 13 877 | 10 301 | 5 010 | 0 | 1e |
| Lesotho | 1 126 409 | 1 294 283 | 1 113 526 | 481 243 | 339 452 | 1n |
| Liberia | 36 380 | 45 330 | 33 560 | 32 760 | 37 820 | 1e |
| Namibia | 1 713 800 | 1 985 670 | 1 722 830 | 1 428 445 | 1 446 964 | 1e |
| Russia | 21 860 500 | 22 973 133 | 25 804 591 | 18 711 931 | 23 470 180 | 1e |
| Sierra Leone | 165 860 | 402 530 | 433 054 | 603 360 | 541 400 | 1a |
| South Africa | 4 485 710 | 4 594 990 | 3 373 210 | 3 958 300 | 4 506 940 | 1e |
| Tanzania | 258 785 | 324 105 | 354 240 | 125 110 | 53 165 | 1e |
| Venezuela | 0 | 800 | 0 | 794 | 457 | 1c |
| Zimbabwe | 752 360 | 975 730 | 423 840 | 534 090 | 845 040 | 1e |
| Total | 81 162 007 | 83 460 898 | 78 202 637 | 62 210 733 | 75 334 617 | |

Diamonds (Ind)

| Country | 2017 ct | 2018 ct | 2019 ct | 2020 ct | 2021 ct | Rem |
|--------------------------|------------|------------|------------|------------|------------|-----|
| Angola | 943 880 | 943 390 | 912 150 | 790 920 | 872 310 | 1c |
| Australia | 16 792 040 | 13 727 890 | 11 911 450 | 9 780 400 | 0 | 1e |
| Botswana | 6 882 300 | 7 313 400 | 7 106 100 | 5 060 400 | 6 808 800 | 1a |
| Brazil | 170 780 | 168 130 | 108 085 | 83 840 | 94 760 | 1e |
| Cameroon | 1 757 | 1 805 | 1 737 | 2 438 | 2 668 | 1c |
| Central African Republic | 11 960 | 2 710 | 5 510 | 12 370 | 18 550 | 1c |
| Congo, D.R. | 16 634 432 | 13 315 465 | 11 449 240 | 10 355 400 | 10 378 700 | 1e |
| Congo, Rep. | 46 758 | 46 768 | 2 963 | 11 157 | 4 125 | 1c |
| Cote d'Ivoire | 2 231 | 1 140 | 0 | 0 | 0 | 1e |
| Ghana | 17 385 | 11 505 | 6 760 | 5 060 | 10 835 | 1e |
| Guinea | 45 360 | 73 180 | 57 300 | 32 145 | 68 330 | 1c |
| Guyana | 13 040 | 15 530 | 13 750 | 4 810 | 11 280 | 1e |
| India | 26 760 | 24 560 | 18 515 | 8 910 | 266 | 1e |
| Liberia | 24 250 | 30 220 | 22 370 | 21 840 | 25 210 | 1e |
| Namibia | 90 200 | 104 510 | 90 675 | 75 180 | 76 156 | 1e |

| | | | | | | |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|----|
| Russia | 20 754 280 | 20 187 926 | 19 466 621 | 12 474 620 | 15 646 790 | 1e |
| Sierra Leone | 122 380 | 339 070 | 391 403 | 83 040 | 297 700 | 1a |
| South Africa | 5 206 885 | 5 316 840 | 3 807 495 | 4 512 540 | 5 216 870 | 1e |
| Tanzania | 45 670 | 57 195 | 62 510 | 22 080 | 9 380 | 1e |
| Togo | 0 | 0 | 16 | 0 | 0 | 1e |
| Venezuela | 0 | 1 200 | 0 | 0 | 0 | 1c |
| Zimbabwe | 1 755 500 | 2 276 690 | 1 695 350 | 2 136 370 | 3 380 140 | 1e |
| Total | 69 587 848 | 63 959 124 | 57 130 000 | 45 473 520 | 42 922 870 | |

Diatomite

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|----------------|------------------|------------------|------------------|------------------|------------------|-----|
| Algeria | 2 439 | 2 468 | 2 437 | 3 040 | 3 000 | 2n |
| Argentina | 70 419 | 72 490 | 94 610 | 98 575 | 156 342 | 1e |
| Armenia | 23 465 | 0 | 0 | 0 | 0 | 1e |
| Australia | 1 085 | 4 | 8 | 2 011 | 25 935 | 1e |
| Brazil | 30 192 | 20 562 | 17 673 | 35 574 | 10 665 | 1e |
| Chile | 27 557 | 24 736 | 21 328 | 21 477 | 27 096 | 1e |
| China | 400 000 | 280 000 | 420 000 | 420 000 | 200 000 | 2n |
| Costa Rica | 4 218 | 3 972 | 4 000 | 4 000 | 4 000 | 2n |
| Czech Republic | 34 000 | 31 000 | 43 000 | 46 000 | 18 000 | 1a |
| Denmark | 110 000 | 99 400 | 108 800 | 115 000 | 120 600 | 1e |
| Ethiopia | 4 000 | 5 000 | 5 000 | 5 000 | 5 000 | 2n |
| France | 90 000 | 90 000 | 90 000 | 90 000 | 90 000 | 2n |
| Germany | 56 721 | 58 340 | 53 802 | 51 511 | 58 519 | 1e |
| Iran | 0 | 0 | 600 | 170 | 5 550 | 1a |
| Kenya | 1 406 | 1 548 | 921 | 928 | 763 | 1e |
| Korea, South | 133 741 | 25 902 | 40 910 | 65 240 | 49 616 | 1e |
| Mexico | 96 474 | 152 028 | 129 274 | 144 105 | 160 956 | 1e |
| Mozambique | 0 | 34 200 | 72 439 | 35 257 | 72 914 | 1e |
| Peru | 96 590 | 96 532 | 91 103 | 85 406 | 94 860 | 1e |
| Poland | 500 | 580 | 680 | 810 | 980 | 1e |
| Russia | 52 000 | 50 600 | 51 000 | 51 000 | 176 800 | 1e |
| Spain | 70 550 | 61 056 | 62 741 | 59 250 | 55 982 | 1a |
| Turkey | 169 584 | 242 789 | 220 757 | 100 327 | 207 732 | 1e |
| United States | 768 000 | 957 000 | 768 000 | 822 000 | 998 000 | 1e |
| Total | 2 242 941 | 2 310 207 | 2 299 083 | 2 256 681 | 2 543 310 | |

Feldspar

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Algeria | 170 000 | 170 000 | 170 000 | 170 000 | 170 000 | 2n |
| Argentina | 154 770 | 124 500 | 10 000 | 32 000 | 32 000 | 2n |
| Australia | 329 | 542 | 50 | 1 241 | 52 | 1e |
| Austria | 35 000 | 35 000 | 35 000 | 35 000 | 35 000 | 1e |
| Brazil | 519 605 | 592 284 | 632 349 | 450 573 | 491 042 | 1e |
| Chile | 4 421 | 2 789 | 55 | 329 | 0 | 1e |
| China | 2 500 000 | 2 500 000 | 2 450 000 | 2 450 000 | 2 450 000 | 2n |
| Colombia | 150 334 | 141 794 | 179 856 | 134 846 | 46 887 | 1e |
| Cuba | 8 715 | 3 000 | 2 100 | 14 100 | 17 800 | 1e |
| Czech Republic | 368 000 | 449 000 | 460 000 | 419 000 | 504 000 | 1a |

| | | | | | | |
|--------------------|------------|------------|------------|------------|------------|----|
| Dominican Republic | 5 000 | 1 200 | 1 000 | 0 | 0 | 1e |
| Ecuador | 92 871 | 43 197 | 45 000 | 0 | 0 | 1e |
| Egypt | 230 000 | 230 000 | 230 000 | 200 000 | 200 000 | 2n |
| Finland | 14 926 | 17 469 | 17 997 | 16 137 | 52 706 | 1a |
| France | 550 000 | 550 000 | 500 000 | 500 000 | 500 000 | 2n |
| Germany | 276 747 | 252 693 | 235 289 | 221 527 | 223 007 | 1e |
| Guatemala | 29 145 | 30 257 | 28 771 | 25 578 | 34 232 | 1e |
| India | 4 270 245 | 8 486 262 | 6 172 997 | 4 820 000 | 6 430 000 | 2n |
| Indonesia | 2 601 000 | 749 300 | 480 800 | 287 400 | 313 200 | 1e |
| Iran | 1 128 585 | 1 320 452 | 2 415 368 | 1 910 505 | 2 803 515 | 1a |
| Italy | 2 200 000 | 2 200 000 | 2 200 000 | 2 200 000 | 2 200 000 | 2n |
| Korea, South | 717 177 | 617 166 | 396 898 | 415 426 | 987 309 | 1e |
| Malaysia | 411 204 | 414 441 | 241 189 | 240 000 | 168 570 | 1e |
| Mexico | 500 692 | 907 755 | 516 196 | 903 385 | 372 102 | 1e |
| Morocco | 101 064 | 75 298 | 101 947 | 185 772 | 427 387 | 1e |
| Nigeria | 27 660 | 41 355 | 33 702 | 19 453 | 43 997 | 1e |
| North Macedonia | 21 237 | 30 813 | 29 519 | 13 115 | 26 625 | 1e |
| Norway | 87 900 | 88 000 | 80 000 | 69 000 | 60 000 | 1e |
| Pakistan | 273 468 | 151 743 | 295 381 | 343 075 | 451 985 | 1e |
| Peru | 14 930 | 31 588 | 29 134 | 24 132 | 27 274 | 1e |
| Philippines | 47 000 | 47 000 | 47 000 | 47 000 | 47 000 | 2n |
| Poland | 91 200 | 71 480 | 42 160 | 29 440 | 11 110 | 1e |
| Portugal | 126 211 | 130 475 | 106 754 | 122 969 | 145 362 | 1e |
| Romania | 5 000 | 20 000 | 20 000 | 20 000 | 20 000 | 2n |
| Russia | 293 300 | 281 300 | 281 300 | 290 000 | 290 000 | 2n |
| Saudi Arabia | 197 000 | 175 594 | 216 000 | 523 000 | 549 000 | 1e |
| Slovakia | 15 800 | 16 800 | 19 100 | 29 100 | 10 000 | 1e |
| South Africa | 116 705 | 76 803 | 76 255 | 48 427 | 67 113 | 1e |
| Spain | 819 218 | 616 229 | 855 139 | 911 095 | 820 749 | 1a |
| Sri Lanka | 96 000 | 70 000 | 65 400 | 50 000 | 60 000 | 2n |
| Sudan | 29 000 | 36 000 | 17 000 | 25 000 | 6 400 | 1e |
| Sweden | 22 000 | 28 000 | 25 000 | 27 537 | 28 000 | 2n |
| Thailand | 1 385 925 | 1 117 803 | 1 251 143 | 1 105 344 | 1 346 997 | 1e |
| Turkey | 10 273 573 | 11 474 040 | 9 447 810 | 10 050 911 | 12 936 959 | 1e |
| Ukraine | 35 000 | 50 000 | 60 000 | 50 000 | 60 000 | 2n |
| United States | 440 000 | 550 000 | 450 000 | 430 000 | 340 000 | 1e |
| Uruguay | 370 | 380 | 100 | 210 | 240 | 1e |
| Venezuela | 30 340 | 30 000 | 30 000 | 30 000 | 30 000 | 2n |
| Total | 31 488 667 | 35 049 802 | 31 000 759 | 29 891 627 | 35 837 620 | |

Fluorspar

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Afghanistan | 7 522 | 10 000 | 50 000 | 10 000 | 10 000 | 2n |
| Argentina | 13 696 | 7 924 | 1 500 | 48 000 | 48 000 | 2n |
| Brazil | 25 522 | 28 195 | 24 399 | 24 730 | 28 158 | 1e |
| Bulgaria | 0 | 0 | 0 | 0 | 0 | 1a |
| Canada | 0 | 20 000 | 80 000 | 50 000 | 50 000 | 2n |
| China | 3 800 000 | 3 500 000 | 4 000 000 | 4 300 000 | 5 400 000 | 1e |
| Colombia | 57 | 46 | 0 | 0 | 0 | 1e |
| Egypt | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 2n |
| Germany | 45 375 | 49 197 | 79 959 | 64 933 | 56 632 | 1e |
| India | 1 314 | 1 079 | 1 315 | 1 052 | 1 237 | 1e |
| Iran | 55 297 | 55 000 | 54 824 | 55 000 | 55 000 | 2n |
| Kenya | 6 945 | 0 | 0 | 0 | 0 | 1e |
| Korea, North | 6 900 | 6 900 | 6 900 | 6 900 | 6 000 | 2n |
| Mexico | 741 678 | 1 959 654 | 1 931 532 | 1 571 269 | 1 007 118 | 1e |

| | | | | | | |
|----------------|------------------|------------------|------------------|------------------|------------------|----|
| Mongolia | 319 330 | 555 230 | 699 400 | 678 900 | 644 300 | 1e |
| Morocco | 75 509 | 87 874 | 73 244 | 83 833 | 189 012 | 1e |
| Nigeria | | | 4 730 | 17 557 | 6 275 | 1e |
| Pakistan | 2 263 | 2 777 | 4 186 | 5 981 | 7 841 | 1e |
| Russia | 2 700 | 6 000 | 4 000 | 32 000 | 76 000 | 1e |
| South Africa | 218 399 | 230 000 | 210 000 | 330 000 | 400 000 | 2n |
| Spain | 154 931 | 176 188 | 145 185 | 185 958 | 143 523 | 1a |
| Tajikistan | 0 | 400 | 1 000 | 10 000 | 10 000 | 2n |
| Thailand | 5 500 | 16 700 | 22 247 | 9 807 | 9 766 | 1e |
| Turkey | 20 150 | 6 200 | 14 400 | 19 896 | 10 348 | 1e |
| United Kingdom | 11 000 | 11 000 | 14 000 | 15 000 | 16 674 | 1n |
| Vietnam | 234 905 | 238 700 | 238 003 | 219 920 | 215 027 | 1n |
| Total | 5 749 993 | 6 970 064 | 7 661 824 | 7 741 736 | 8 391 911 | |

Graphite

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------|-----------------|------------------|------------------|-----------------|------------------|-----|
| Austria | 150 | 150 | 100 | 100 | 100 | 2n |
| Brazil | 95 000 | 78 981 | 81 770 | 67 020 | 78 555 | 1e |
| Canada | 14 000 | 11 000 | 11 045 | 7 620 | 7 700 | 1e |
| China | 625 000 | 630 000 | 700 000 | 665 000 | 735 000 | 1e |
| Colombia | | 0 | 135 | 0 | 0 | 1e |
| Germany | 422 | 222 | 207 | 108 | 181 | 1e |
| India | 33 649 | 39 030 | 34 674 | 35 386 | 57 264 | 1e |
| Korea, North | 50 000 | 45 000 | 45 000 | 45 000 | 30 000 | 2n |
| Korea, South | 0 | 670 | 302 | 3 052 | 18 297 | 1e |
| Madagascar | 13 300 | 52 951 | 45 106 | 61 405 | 88 110 | 1e |
| Mexico | 10 310 | 4 130 | 2 342 | 2 033 | 1 778 | 1e |
| Mozambique | 802 | 104 000 | 153 000 | 18 159 | 77 116 | 1e |
| Namibia | 2 216 | 3 456 | 0 | 0 | 0 | 1e |
| Norway | 9 600 | 10 000 | 9 780 | 5 549 | 6 293 | 1n |
| Russia | 19 500 | 11 900 | 17 500 | 12 900 | 17 300 | 1e |
| Sri Lanka | 3 800 | 3 800 | 3 100 | 2 500 | 3 200 | 2n |
| Turkey | 4 000 | 16 752 | 9 990 | 15 205 | 28 336 | 1e |
| Ukraine | 13 000 | 15 000 | 10 000 | 10 000 | 17 000 | 1e |
| Vietnam | 0 | 1 500 | 3 500 | 3 700 | 1 200 | 1n |
| Zimbabwe | 1 577 | 0 | 0 | 0 | 0 | 1e |
| Total | 896 326 | 1 028 542 | 1 127 551 | 954 737 | 1 167 430 | |

Gypsum and Anhydrite

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Afghanistan | 40 000 | 36 161 | 24 682 | 21 779 | 16 349 | 1e |
| Albania | 104 120 | 102 016 | 106 070 | 111 880 | 116 295 | 1e |
| Algeria | 2 200 000 | 2 200 000 | 2 200 000 | 2 200 000 | 2 500 000 | 2n |
| Angola | 32 000 | 32 000 | 32 000 | 32 000 | 50 000 | 2n |
| Argentina | 1 275 608 | 897 217 | 761 013 | 499 092 | 690 000 | 2e |
| Armenia | 14 336 | 20 387 | 22 907 | 28 508 | 26 885 | 1e |
| Australia | 3 184 480 | 4 070 814 | 3 676 467 | 3 422 265 | 4 168 380 | 1e |
| Austria | 712 469 | 836 862 | 900 217 | 901 619 | 900 374 | 1e |
| Azerbaijan | 85 100 | 270 471 | 314 224 | 297 594 | 417 892 | 1e |

| | | | | | | |
|--------------------|------------|------------|------------|------------|------------|----|
| Bhutan | 328 128 | 461 128 | 490 596 | 331 050 | 403 753 | 1e |
| Bolivia | 473 | 1 136 | 3 905 | 1 000 | 1 000 | 2n |
| Bosnia-Herzegovina | 99 001 | 122 421 | 130 788 | 140 994 | 297 225 | 1e |
| Brazil | 2 176 356 | 2 666 002 | 2 842 654 | 2 851 643 | 2 887 575 | 1e |
| Bulgaria | 88 000 | 88 000 | 88 000 | 54 800 | 77 400 | 1a |
| Canada | 3 001 390 | 3 240 451 | 2 444 963 | 3 049 824 | 3 135 484 | 1e |
| Chile | 1 157 466 | 909 191 | 977 397 | 910 310 | 1 007 206 | 1e |
| China | 25 000 000 | 25 000 000 | 25 000 000 | 25 000 000 | 25 000 000 | 2n |
| Colombia | 406 624 | 396 373 | 294 137 | 284 222 | 293 186 | 1e |
| Croatia | 147 934 | 211 894 | 199 255 | 221 629 | 285 966 | 1e |
| Cuba | 85 400 | 99 900 | 66 330 | 62 300 | 53 200 | 1e |
| Cyprus | 647 108 | 625 721 | 623 545 | 646 340 | 661 175 | 1a |
| Czech Republic | 7 000 | 8 000 | 10 000 | 17 000 | 17 000 | 1a |
| Dominican Republic | 217 570 | 190 660 | 316 630 | 304 920 | 329 630 | 1e |
| Egypt | 835 614 | 727 370 | 800 000 | 800 000 | 800 000 | 2n |
| Eritrea | 12 000 | 18 000 | 18 000 | 18 000 | 18 000 | 2n |
| Ethiopia | 85 236 | 253 165 | 255 000 | 255 000 | 255 000 | 2n |
| France | 3 014 296 | 5 314 983 | 3 259 935 | 1 891 190 | 3 370 757 | 1e |
| Georgia | 85 470 | 91 700 | 137 831 | 87 655 | 90 000 | 2n |
| Germany | 4 450 000 | 4 550 000 | 4 850 000 | 5 200 000 | 5 470 000 | 1e |
| Greece | 547 140 | 827 298 | 589 012 | 622 834 | 900 000 | 1e |
| Guatemala | 135 154 | 132 897 | 140 901 | 423 281 | 138 552 | 1e |
| Honduras | 35 000 | 35 000 | 34 964 | 45 254 | 45 000 | 2n |
| India | 2 048 127 | 4 664 046 | 3 006 046 | 6 788 200 | 3 547 250 | 1e |
| Iran | 13 942 092 | 10 904 289 | 14 750 093 | 15 124 823 | 14 322 761 | 1a |
| Iraq | 1 000 000 | 1 000 000 | 1 000 000 | 1 000 000 | 1 000 000 | 2n |
| Ireland | 200 000 | 200 000 | 200 000 | 150 000 | 110 000 | 1e |
| Israel | 116 000 | 75 800 | 72 000 | 0 | 0 | 2n |
| Italy | 469 044 | 188 618 | 298 242 | 163 749 | 0 | 1e |
| Jamaica | 46 000 | 47 000 | 55 000 | 66 000 | 66 000 | 1e |
| Jordan | 344 191 | 190 606 | 264 724 | 184 917 | 399 968 | 1a |
| Kazakhstan | 133 200 | 121 400 | 78 200 | 94 500 | 184 700 | 1e |
| Kenya | 5 700 | 5 700 | 5 700 | 5 700 | 6 000 | 2n |
| Kyrgyzstan | 100 000 | 152 842 | 150 000 | 23 019 | 31 680 | 1e |
| Laos | 463 039 | 618 783 | 606 387 | 737 749 | 1 221 959 | 1e |
| Latvia | 278 260 | 320 080 | 318 450 | 359 190 | 383 990 | 1e |
| Libya | 150 000 | 150 000 | 200 000 | 200 000 | 200 000 | 2n |
| Mauritania | 80 000 | 130 000 | 130 000 | 120 000 | 70 000 | 2n |
| Mexico | 9 197 520 | 11 275 293 | 7 759 139 | 7 977 953 | 6 386 777 | 1e |
| Moldova | 358 500 | 352 500 | 276 400 | 292 600 | 307 900 | 1e |
| Mongolia | 56 000 | 47 700 | 107 100 | 97 900 | 111 400 | 1e |
| Myanmar | 361 015 | 309 343 | 299 316 | 258 620 | 51 240 | 1e |
| Nicaragua | 66 740 | 70 341 | 39 925 | 64 573 | 19 999 | 1a |
| Nigeria | 39 939 | 39 052 | 22 142 | 30 706 | 13 401 | 1e |
| North Macedonia | 217 491 | 230 029 | 267 181 | 229 322 | 273 497 | 1e |
| Norway | 87 891 | 89 655 | 102 100 | 93 602 | 92 794 | 1e |
| Oman | 8 438 286 | 9 666 701 | 10 982 900 | 11 120 200 | 13 243 981 | 1a |
| Pakistan | 2 079 629 | 2 475 893 | 2 517 825 | 2 149 873 | 2 527 215 | 1e |
| Paraguay | 4 500 | 4 500 | 4 500 | 4 500 | 4 500 | 2n |
| Peru | 286 657 | 458 479 | 254 382 | 171 093 | 435 459 | 1e |
| Poland | 1 108 000 | 1 042 000 | 1 065 000 | 1 057 000 | 1 123 000 | 1e |
| Portugal | 152 059 | 232 921 | 209 076 | 210 231 | 254 913 | 1e |
| Romania | 764 786 | 749 668 | 878 546 | 925 782 | 952 617 | 1e |
| Russia | 3 750 000 | 5 453 400 | 4 179 300 | 4 060 000 | 4 629 000 | 1e |
| Saudi Arabia | 3 150 000 | 3 352 832 | 3 472 000 | 3 803 000 | 3 993 000 | 1e |
| Slovakia | 45 600 | 55 190 | 58 250 | 72 300 | 66 600 | 1e |
| South Africa | 320 685 | 321 988 | 277 102 | 205 542 | 277 376 | 1e |
| Spain | 9 545 228 | 10 593 056 | 11 279 443 | 13 376 353 | 14 629 150 | 1a |
| Sudan | 333 000 | 226 000 | 193 000 | 173 000 | 136 000 | 1e |
| Switzerland | 330 000 | 330 000 | 330 000 | 320 000 | 320 000 | 2n |
| Syria | 66 000 | 66 000 | 70 000 | 70 000 | 70 000 | 2n |
| Tajikistan | 43 066 | 9 639 | 14 000 | 8 183 | 10 000 | 2n |

| | | | | | | |
|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|----|
| Tanzania | 123 645 | 241 260 | 256 529 | 443 926 | 598 053 | 1e |
| Thailand | 10 646 644 | 11 197 657 | 9 787 287 | 9 279 119 | 10 402 998 | 1e |
| Tunisia | 944 245 | 984 031 | 946 892 | 890 000 | 908 130 | 1e |
| Turkey | 10 223 112 | 10 896 476 | 7 489 129 | 9 280 864 | 10 620 061 | 1e |
| Ukraine | 1 528 900 | 1 386 400 | 1 409 400 | 1 529 000 | 1 783 300 | 1e |
| United Kingdom | 1 300 000 | 1 400 000 | 1 600 000 | 1 300 000 | 1 300 000 | 2n |
| United States | 20 700 000 | 21 100 000 | 21 700 000 | 21 200 000 | 21 300 000 | 1e |
| Yemen | 50 000 | 50 000 | 20 000 | 20 000 | 20 000 | 2n |
| Total | 155 905 264 | 167 914 386 | 160 614 129 | 166 467 072 | 172 829 953 | |

Kaolin

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Algeria | 100 000 | 100 000 | 100 000 | 100 000 | 120 000 | 2n |
| Argentina | 19 940 | 17 000 | 11 853 | 20 628 | 25 000 | 2e |
| Australia | 192 150 | 173 738 | 114 050 | 154 812 | 173 187 | 1e |
| Austria | 13 500 | 13 500 | 13 500 | 13 500 | 13 500 | 2n |
| Bosnia-Herzegovina | 252 959 | 303 626 | 118 005 | 108 174 | 62 599 | 1e |
| Brazil | 1 681 188 | 1 685 255 | 1 471 610 | 1 239 591 | 1 153 884 | 1e |
| Bulgaria | 322 800 | 323 000 | 330 000 | 276 000 | 380 000 | 1a |
| Chile | 60 000 | 88 262 | 34 801 | 38 789 | 49 533 | 1e |
| China | 6 910 000 | 6 650 000 | 6 400 000 | 6 500 000 | 6 400 000 | 1e |
| Colombia | 164 077 | 70 799 | 96 051 | 29 372 | 70 032 | 1e |
| Cuba | 1 500 | 2 700 | 2 100 | 2 032 | 1 375 | 1e |
| Czech Republic | 3 669 000 | 3 622 000 | 3 446 000 | 3 069 000 | 3 454 000 | 1a |
| Ecuador | 548 | 0 | 0 | 0 | 0 | 1e |
| Egypt | 230 000 | 230 000 | 230 000 | 230 000 | 230 000 | 2n |
| Eritrea | 200 | 200 | 0 | 0 | 0 | 2n |
| Ethiopia | 5 000 | 10 000 | 1 000 | 1 000 | 1 000 | 2n |
| France | 279 120 | 301 842 | 392 389 | 231 579 | 289 057 | 1e |
| Germany | 5 168 000 | 4 930 000 | 4 760 000 | 4 969 000 | 5 291 000 | 1e |
| Guatemala | 657 | 724 | 700 | 402 | 295 | 1e |
| India | 8 744 864 | 8 201 946 | 8 000 000 | 8 000 000 | 8 000 000 | 2n |
| Indonesia | 736 600 | 1 368 400 | 2 754 600 | 1 636 000 | 1 568 000 | 1e |
| Iran | 861 938 | 1 158 983 | 1 813 395 | 1 923 895 | 1 348 232 | 1a |
| Italy | 200 000 | 300 000 | 250 000 | 200 000 | 180 000 | 2n |
| Japan | 12 000 | 12 000 | 12 000 | 12 000 | 12 000 | 2n |
| Jordan | 11 000 | 11 000 | 11 000 | 11 000 | 11 000 | 2n |
| Kenya | 1 000 | 1 000 | 1 000 | 800 | 900 | 1n |
| Korea, South | 416 648 | 369 274 | 317 626 | 393 236 | 352 003 | 1e |
| Kyrgyzstan | 40 000 | 15 000 | 15 000 | 15 000 | 15 000 | 2n |
| Malaysia | 444 559 | 496 219 | 400 722 | 336 565 | 228 605 | 1e |
| Mexico | 325 864 | 898 246 | 246 645 | 236 033 | 223 332 | 1e |
| New Zealand | 50 424 | 51 369 | 50 569 | 50 000 | 55 000 | 2n |
| Nigeria | 46 935 | 11 707 | 8 649 | 7 033 | 23 530 | 1e |
| Oman | 218 600 | 110 300 | 34 100 | 58 300 | 35 350 | 1a |
| Pakistan | 28 710 | 19 483 | 20 756 | 14 919 | 12 309 | 1e |
| Paraguay | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 2n |
| Peru | 17 700 | 16 004 | 9 208 | 12 536 | 13 142 | 1e |
| Philippines | 7 340 | 13 000 | 15 000 | 40 200 | 27 700 | 1e |
| Poland | 284 650 | 310 850 | 317 190 | 292 940 | 315 040 | 1e |
| Portugal | 307 982 | 374 029 | 311 677 | 320 655 | 387 223 | 1e |
| Romania | 31 000 | 7 220 | 6 089 | 0 | 0 | 1e |
| Russia | 1 593 000 | 1 485 900 | 1 530 800 | 2 478 000 | 2 193 800 | 1e |
| Saudi Arabia | 206 000 | 207 461 | 227 000 | 213 000 | 224 000 | 1e |
| Serbia | 280 276 | 279 000 | 254 000 | 234 000 | 249 000 | 1e |
| Slovakia | 21 400 | 34 400 | 24 970 | 30 960 | 38 780 | 1e |

| | | | | | | |
|----------------|------------|------------|------------|------------|------------|----|
| South Africa | 31 186 | 23 724 | 27 827 | 20 639 | 29 168 | 1e |
| Spain | 475 074 | 474 462 | 463 617 | 274 137 | 303 743 | 1a |
| Sri Lanka | 13 000 | 20 000 | 34 100 | 30 000 | 30 000 | 2n |
| Sudan | 5 446 | 11 000 | 29 000 | 19 700 | 3 700 | 1e |
| Taiwan | 1 665 | 20 | 500 | 404 | 30 | 1e |
| Tanzania | 13 816 | 129 383 | 15 343 | 98 454 | 100 950 | 1e |
| Thailand | 103 079 | 110 437 | 92 414 | 87 320 | 124 798 | 1e |
| Turkey | 1 362 799 | 1 515 609 | 1 283 776 | 1 224 746 | 1 748 014 | 1e |
| Uganda | 55 317 | 17 281 | 10 448 | 12 014 | 10 000 | 2n |
| Ukraine | 2 379 636 | 2 091 525 | 1 843 561 | 1 680 891 | 2 317 723 | 1e |
| United Kingdom | 970 000 | 996 000 | 715 000 | 635 000 | 620 000 | 2n |
| United States | 5 450 000 | 5 350 000 | 5 060 000 | 4 570 000 | 4 300 000 | 1e |
| Uzbekistan | 269 906 | 291 814 | 377 184 | 373 440 | 413 910 | 1n |
| Vietnam | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 2n |
| Total | 45 196 053 | 45 412 692 | 44 212 825 | 42 633 696 | 43 336 444 | |

Magnesite

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 210 844 | 263 446 | 413 182 | 799 203 | 893 623 | 1e |
| Austria | 730 482 | 808 239 | 691 909 | 816 370 | 844 226 | 1e |
| Bosnia-Herzegovina | 8 500 | 5 950 | 1 400 | 652 | 196 | 1e |
| Brazil | 2 303 971 | 1 900 000 | 1 530 000 | 1 550 000 | 1 800 000 | 2n |
| Canada | 150 000 | 150 000 | 150 000 | 160 000 | 180 000 | 2n |
| China | 18 500 000 | 19 000 000 | 19 000 000 | 19 000 000 | 18 000 000 | 2n |
| Colombia | 1 913 | 1 039 | 1 847 | 1 077 | 0 | 1e |
| Cuba | 0 | 0 | 1 532 | 3 910 | 3 000 | 1e |
| Finland | 63 850 | 49 601 | 37 002 | 136 167 | 179 781 | 1a |
| Greece | 442 680 | 425 882 | 358 841 | 335 943 | 336 000 | 2n |
| Guatemala | 16 298 | 4 745 | 4 500 | 6 000 | 14 100 | 1e |
| India | 195 055 | 146 875 | 102 554 | 74 661 | 113 495 | 1e |
| Iran | 166 636 | 137 445 | 147 760 | 256 124 | 248 376 | 1a |
| Korea, North | 172 488 | 100 000 | 100 000 | 100 000 | 100 000 | 2n |
| Mexico | 101 000 | 101 000 | 800 | 0 | 0 | 1e |
| Pakistan | 19 656 | 23 596 | 42 996 | 16 165 | 15 120 | 1e |
| Philippines | 200 | 140 | 40 | 0 | 0 | 1e |
| Poland | 101 920 | 102 110 | 91 490 | 65 250 | 65 820 | 1e |
| Russia | 1 397 000 | 1 571 400 | 1 013 800 | 1 281 400 | 1 108 700 | 1e |
| Saudi Arabia | 104 132 | 155 000 | 200 000 | 250 000 | 250 000 | 2n |
| Slovakia | 975 100 | 1 053 900 | 1 015 800 | 787 476 | 781 600 | 1e |
| South Africa | 8 700 | 8 500 | 8 500 | 8 500 | 5 000 | 2n |
| Spain | 788 991 | 738 994 | 634 580 | 626 055 | 703 834 | 1a |
| Turkey | 1 694 071 | 1 958 847 | 1 496 081 | 1 560 818 | 1 927 280 | 1e |
| United States | 294 850 | 238 828 | 294 590 | 419 076 | 442 976 | 1e |
| Total | 28 448 337 | 28 945 537 | 27 339 204 | 28 254 847 | 28 013 127 | |

Perlite

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|------------------|------------------|------------------|------------------|------------------|-----|
| Argentina | 19 924 | 18 794 | 1 850 | 13 176 | 18 016 | 1e |
| Armenia | 14 036 | 51 222 | 80 676 | 104 410 | 168 242 | 1e |
| Australia | 275 | 2 285 | 1 264 | 2 185 | 3 821 | 1e |
| Chile | 4 210 | 5 020 | 4 700 | 0 | 0 | 1e |
| Georgia | 16 500 | 15 700 | 13 000 | 13 300 | 12 500 | 1e |
| Greece | 932 950 | 790 412 | 718 077 | 821 233 | 975 000 | 1e |
| Hungary | 40 130 | 44 970 | 43 900 | 44 000 | 44 000 | 2n |
| Iran | 23 837 | 71 579 | 31 828 | 52 750 | 77 024 | 1a |
| Mexico | 15 899 | 26 400 | 24 497 | 0 | 0 | 1e |
| Philippines | 15 038 | 7 329 | 6 608 | 0 | 4 631 | 1e |
| Russia | 45 000 | 45 000 | 45 000 | 45 000 | 45 000 | 2n |
| Slovakia | 48 010 | 35 600 | 32 450 | 37 850 | 37 240 | 1e |
| South Africa | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 2n |
| Thailand | 5 800 | 5 600 | 15 000 | 3 500 | 3 500 | 1e |
| Turkey | 606 231 | 1 088 983 | 1 174 486 | 1 146 341 | 1 428 695 | 1e |
| United States | 587 000 | 504 000 | 629 000 | 845 000 | 884 000 | 1e |
| Total | 2 375 840 | 2 713 894 | 2 823 336 | 3 129 745 | 3 702 669 | |

Phosphate Rock (P₂O₅-Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Algeria | 378 100 | 409 400 | 455 100 | 409 900 | 612 000 | 1e |
| Australia | 216 670 | 195 720 | 165 750 | 215 700 | 170 | 1e |
| Brazil | 2 083 000 | 1 980 300 | 1 828 500 | 1 698 100 | 1 765 000 | 2n |
| Chile | 1 190 | 1 160 | 950 | 590 | 620 | 1e |
| China | 36 939 600 | 28 897 800 | 27 997 200 | 26 679 960 | 30 869 700 | 1e |
| Christmas Island | 147 890 | 111 780 | 89 010 | 120 750 | 120 290 | 1n |
| Colombia | 15 870 | 13 240 | 20 480 | 14 210 | 9 470 | 1e |
| Cuba | 0 | 0 | 0 | 460 | 410 | 1e |
| Egypt | 1 021 960 | 870 870 | 979 620 | 986 000 | 986 000 | 2n |
| Finland | 352 300 | 356 070 | 363 020 | 363 200 | 363 720 | 1a |
| India | 360 220 | 342 890 | 332 940 | 337 800 | 323 750 | 3e |
| Iran | 88 715 | 105 840 | 102 230 | 105 000 | 83 900 | 1a |
| Iraq | 40 000 | 377 120 | 300 000 | 300 000 | 300 000 | 2n |
| Israel | 1 032 900 | 1 100 500 | 898 200 | 988 800 | 777 900 | 1n |
| Jordan | 2 780 030 | 2 567 170 | 2 951 470 | 2 860 140 | 3 204 880 | 1a |
| Kazakhstan | 368 400 | 381 200 | 388 540 | 456 010 | 426 420 | 1e |
| Malawi | 170 | 270 | 300 | 0 | 0 | 1e |
| Mexico | 692 150 | 222 500 | 249 520 | 91 240 | 136 900 | 1e |
| Morocco | 10 490 100 | 10 960 200 | 11 267 500 | 11 959 000 | 12 176 200 | 1e |
| Nauru | 50 900 | 23 000 | 30 600 | 39 400 | 102 500 | 1e |
| Pakistan | 11 100 | 12 340 | 17 320 | 15 790 | 21 640 | 1e |
| Peru | 3 211 140 | 3 917 140 | 4 214 770 | 3 265 790 | 4 094 930 | 1e |
| Philippines | 8 600 | 1 500 | 200 | 200 | 0 | 1e |
| Russia | 5 148 000 | 5 304 000 | 5 382 000 | 5 382 000 | 5 517 800 | 1n |
| Saudi Arabia | 1 701 000 | 1 827 000 | 2 275 000 | 2 600 000 | 2 730 000 | 2n |
| Senegal | 841 020 | 775 410 | 855 850 | 684 300 | 792 800 | 1e |
| South Africa | 727 800 | 720 400 | 639 000 | 461 000 | 767 600 | 1e |
| Sri Lanka | 14 850 | 16 290 | 16 600 | 18 240 | 23 880 | 1e |
| Syria | 38 700 | 95 000 | 134 000 | 580 000 | 400 000 | 2n |
| Tanzania | 300 | 650 | 5 050 | 6 240 | 5 390 | 1e |

| | | | | | | |
|---------------|------------|------------|------------|------------|------------|----|
| Thailand | 2 400 | 0 | 0 | 0 | 0 | 1e |
| Togo | 266 260 | 370 810 | 260 320 | 488 900 | 538 860 | 1e |
| Tunisia | 1 145 300 | 812 800 | 1 124 700 | 911 800 | 1 080 700 | 1e |
| Turkey | 0 | 0 | 94 600 | 261 900 | 287 100 | 1e |
| United States | 7 840 000 | 7 250 000 | 6 547 000 | 6 604 000 | 6 070 000 | 1e |
| Uzbekistan | 170 000 | 144 000 | 137 100 | 150 500 | 150 000 | 2n |
| Venezuela | 19 320 | 16 800 | 21 500 | 20 000 | 20 000 | 2n |
| Vietnam | 1 376 400 | 1 299 660 | 1 346 880 | 606 650 | 598 400 | 3e |
| Zimbabwe | 18 000 | 15 400 | 8 100 | 13 500 | 11 900 | 1e |
| Total | 79 600 355 | 71 496 230 | 71 500 920 | 69 697 070 | 75 370 830 | |

Potash (K₂O-Content)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Belarus | 7 101 800 | 7 346 096 | 7 348 293 | 7 562 153 | 7 750 000 | 2e |
| Bolivia | | 1 700 | 17 800 | 4 400 | 32 600 | 1e |
| Brazil | 306 296 | 201 181 | 248 911 | 254 837 | 213 028 | 1e |
| Canada | 12 562 695 | 14 023 931 | 12 820 345 | 13 722 423 | 13 096 467 | 1e |
| Chile | 1 238 630 | 991 180 | 683 540 | 966 680 | 891 450 | 1e |
| China | 5 534 000 | 5 452 000 | 5 902 000 | 5 530 000 | 5 814 600 | 1e |
| Germany | 2 963 561 | 2 754 085 | 2 615 284 | 2 874 026 | 2 793 326 | 1e |
| Iran | 15 300 | 32 900 | 37 200 | 37 000 | 40 000 | 2n |
| Israel | 2 126 700 | 2 149 300 | 2 043 500 | 2 415 600 | 2 379 000 | 1n |
| Jordan | 1 415 260 | 1 485 960 | 1 516 460 | 1 598 200 | 1 563 430 | 1a |
| Laos | 307 600 | 343 500 | 286 900 | 442 500 | 507 600 | 1e |
| Russia | 7 300 000 | 7 055 000 | 7 368 000 | 8 194 200 | 8 890 000 | 1n |
| Spain | 557 468 | 603 812 | 519 644 | 351 918 | 375 779 | 1a |
| Turkmenistan | 0 | 15 200 | 11 100 | 16 000 | 19 000 | 2n |
| United Kingdom | 297 400 | 291 100 | 88 480 | 99 260 | 110 460 | 1n |
| United States | 480 000 | 520 000 | 510 000 | 460 000 | 480 000 | 1e |
| Uzbekistan | 114 900 | 176 900 | 198 400 | 210 000 | 197 600 | 1e |
| Total | 42 321 610 | 43 443 845 | 42 215 857 | 44 739 197 | 45 154 340 | |

Salt

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Afghanistan | 75 579 | 47 944 | 41 157 | 12 015 | 10 700 | 2n |
| Albania | 25 500 | 31 500 | 30 000 | 30 000 | 30 000 | 2n |
| Algeria | 165 000 | 106 200 | 100 800 | 95 100 | 100 000 | 2n |
| Angola | 101 000 | 110 000 | 109 000 | 164 400 | 182 600 | 1e |
| Argentina | 1 929 065 | 1 784 020 | 1 566 600 | 1 013 400 | 1 300 000 | 2e |
| Armenia | 137 236 | 155 393 | 56 685 | 24 401 | 25 948 | 1e |
| Australia | 12 218 780 | 13 493 556 | 12 173 391 | 12 212 483 | 12 574 025 | 1e |
| Austria | 1 156 326 | 1 176 807 | 1 212 158 | 1 014 554 | 1 117 586 | 1e |
| Azerbaijan | 66 968 | 66 699 | 77 116 | 76 401 | 71 495 | 1e |
| Bahamas | 349 710 | 854 223 | 714 387 | 623 007 | 368 702 | 1e |
| Bangladesh | 1 660 000 | 1 493 000 | 1 824 000 | 1 570 000 | 1 651 000 | 1e |
| Belarus | 2 629 000 | 2 904 097 | 2 517 590 | 1 198 290 | 2 265 000 | 2e |
| Benin | 500 | 500 | 500 | 500 | 500 | 2n |
| Bolivia | 3 358 | 5 373 | 4 494 | 14 949 | 21 777 | 1e |
| Bosnia-Herzegovina | 1 029 302 | 1 063 458 | 1 069 210 | 947 838 | 966 358 | 1e |

| | | | | | | |
|--------------------|------------|------------|------------|------------|------------|----|
| Botswana | 369 613 | 367 988 | 383 779 | 418 379 | 499 527 | 1a |
| Brazil | 7 381 546 | 7 227 300 | 6 700 500 | 6 464 300 | 6 534 300 | 2e |
| Bulgaria | 3 400 000 | 3 400 000 | 3 400 000 | 2 700 000 | 3 300 000 | 1a |
| Cambodia | 33 058 | 30 000 | 18 430 | 83 969 | 68 682 | 1e |
| Canada | 11 423 624 | 10 713 206 | 11 935 716 | 12 722 729 | 11 817 928 | 1e |
| Cape Verde | 1 000 | 1 000 | 1 000 | 2 585 | 2 621 | 1a |
| Chile | 7 440 741 | 10 012 105 | 10 476 823 | 9 574 159 | 8 565 307 | 1e |
| China | 66 541 700 | 63 636 100 | 67 014 400 | 58 526 800 | 57 065 100 | 1e |
| Colombia | 511 117 | 403 316 | 347 183 | 380 406 | 342 497 | 1e |
| Croatia | 19 006 | 16 453 | 93 870 | 111 901 | 111 319 | 1e |
| Cuba | 246 300 | 192 700 | 210 370 | 226 000 | 204 600 | 1e |
| Denmark | 600 000 | 600 000 | 600 000 | 600 000 | 600 000 | 1e |
| Dominican Republic | 0 | 23 860 | 26 000 | 24 000 | 20 000 | 2n |
| Egypt | 532 000 | 522 000 | 493 000 | 500 000 | 500 000 | 2n |
| El Salvador | 30 000 | 30 000 | 30 000 | 30 000 | 30 000 | 2n |
| Eritrea | 310 000 | 310 000 | 310 000 | 320 000 | 320 000 | 2n |
| Ethiopia | 60 654 | 122 850 | 125 000 | 125 000 | 125 000 | 2n |
| France | 4 739 491 | 4 689 054 | 5 160 260 | 5 200 596 | 5 543 040 | 1e |
| Germany | 15 535 669 | 16 229 929 | 16 627 893 | 14 226 154 | 17 668 456 | 1e |
| Ghana | 250 000 | 330 000 | 300 000 | 330 000 | 300 000 | 2n |
| Greece | 166 527 | 163 474 | 201 107 | 201 000 | 210 000 | 2n |
| Honduras | 59 000 | 63 500 | 49 900 | 61 200 | 63 500 | 1e |
| Iceland | 5 000 | 5 000 | 5 000 | 5 000 | 5 000 | 2n |
| India | 28 949 400 | 30 033 300 | 28 066 000 | 26 553 000 | 26 602 000 | 3e |
| Indonesia | 1 021 321 | 2 719 256 | 2 852 125 | 1 365 711 | 1 100 000 | 2n |
| Iran | 2 839 430 | 2 453 873 | 2 639 192 | 3 200 232 | 3 083 719 | 1a |
| Iraq | 237 350 | 271 500 | 270 000 | 300 000 | 300 000 | 2n |
| Israel | 514 100 | 377 000 | 301 000 | 275 200 | 260 000 | 2n |
| Italy | 2 283 406 | 1 514 829 | 1 538 072 | 1 192 956 | 1 500 458 | 1e |
| Jamaica | 12 565 | 10 000 | 10 000 | 10 000 | 10 000 | 2n |
| Japan | 926 000 | 929 000 | 903 000 | 874 000 | 855 000 | 1e |
| Jordan | 48 985 | 48 901 | 36 850 | 39 088 | 42 359 | 1e |
| Kazakhstan | 803 794 | 885 717 | 1 094 659 | 1 237 455 | 1 231 996 | 1e |
| Kenya | 43 245 | 28 841 | 13 728 | 4 703 | 7 099 | 1e |
| Korea, North | 500 000 | 500 000 | 500 000 | 500 000 | 500 000 | 2n |
| Korea, South | 308 844 | 282 590 | 261 970 | 176 247 | 280 876 | 1e |
| Kuwait | 58 250 | 59 300 | 58 600 | 59 000 | 60 000 | 2n |
| Kyrgyzstan | 6 000 | 4 665 | 5 605 | 6 000 | 6 000 | 2n |
| Laos | 37 490 | 46 863 | 10 079 | 3 951 | 6 846 | 1e |
| Lebanon | 3 000 | 3 000 | 3 000 | 3 000 | 3 000 | 2n |
| Libya | 30 000 | 30 000 | 30 000 | 30 000 | 40 000 | 2n |
| Madagascar | 110 000 | 110 000 | 110 000 | 110 000 | 110 000 | 2n |
| Malta | 1 600 | 1 600 | 1 600 | 1 600 | 1 600 | 2n |
| Mauritius | 1 000 | 1 000 | 1 500 | 2 200 | 2 200 | 2n |
| Mexico | 9 570 779 | 9 392 052 | 8 845 239 | 9 084 859 | 7 644 755 | 1e |
| Mongolia | 860 | 997 | 533 | 2 624 | 1 349 | 1e |
| Morocco | 659 263 | 691 637 | 854 397 | 490 896 | 295 741 | 1e |
| Mozambique | 21 458 | 27 729 | 50 740 | 38 377 | 34 453 | 1e |
| Myanmar | 158 499 | 189 146 | 213 319 | 229 755 | 161 774 | 1e |
| Namibia | 866 586 | 1 151 153 | 983 354 | 987 872 | 1 014 873 | 1e |
| Netherlands | 6 935 000 | 6 750 546 | 5 913 782 | 5 712 038 | 6 120 742 | 1a |
| New Zealand | 102 000 | 100 000 | 100 000 | 100 000 | 100 000 | 2n |
| Nicaragua | 50 000 | 50 000 | 55 000 | 55 000 | 55 000 | 2n |
| Norway | 10 000 | 56 000 | 10 000 | 5 300 | 13 000 | 1e |
| Oman | 18 035 | 11 537 | 15 003 | 11 700 | 10 142 | 1a |
| Pakistan | 3 806 888 | 3 888 344 | 4 012 304 | 3 483 732 | 3 592 205 | 1e |
| Panama | 18 590 | 17 281 | 27 389 | 24 958 | 23 593 | 1e |
| Peru | 1 481 398 | 1 509 564 | 1 266 347 | 1 030 598 | 1 175 828 | 1e |
| Philippines | 1 250 000 | 600 000 | 200 000 | 200 000 | 100 000 | 1e |
| Poland | 4 660 000 | 4 125 000 | 4 063 000 | 3 638 000 | 5 369 000 | 1e |
| Portugal | 122 331 | 100 825 | 112 215 | 97 104 | 94 778 | 1e |
| Romania | 2 340 000 | 2 374 973 | 2 015 579 | 1 175 979 | 1 328 738 | 1n |

| | | | | | | |
|----------------|-------------|-------------|-------------|-------------|-------------|----|
| Russia | 7 073 000 | 6 710 000 | 8 175 000 | 6 026 000 | 8 242 000 | 1e |
| Saudi Arabia | 2 520 000 | 2 646 000 | 2 778 000 | 2 220 000 | 2 331 000 | 1e |
| Senegal | 265 040 | 245 700 | 286 100 | 290 873 | 280 599 | 1e |
| Serbia | 8 197 | 7 811 | 13 464 | 6 703 | 6 469 | 1e |
| Slovenia | 2 335 | 2 018 | 1 437 | 805 | 1 671 | 1e |
| South Africa | 492 860 | 478 285 | 510 012 | 538 355 | 545 942 | 1e |
| Spain | 4 135 626 | 4 512 243 | 4 330 514 | 3 676 039 | 4 202 939 | 1a |
| Sri Lanka | 74 108 | 68 834 | 57 291 | 60 076 | 63 254 | 1e |
| Sudan | 235 000 | 267 000 | 263 000 | 237 000 | 121 000 | 1e |
| Switzerland | 448 509 | 530 414 | 477 325 | 324 527 | 512 700 | 1n |
| Syria | 5 000 | 12 000 | 50 000 | 70 000 | 70 000 | 2n |
| Taiwan | 77 054 | 78 539 | 76 255 | 77 854 | 77 297 | 1e |
| Tajikistan | 41 323 | 36 964 | 35 324 | 26 637 | 26 169 | 1e |
| Tanzania | 124 500 | 36 600 | 99 510 | 83 974 | 112 995 | 1e |
| Thailand | 1 497 223 | 1 487 364 | 1 580 390 | 1 439 877 | 1 563 970 | 1e |
| Tunisia | 1 403 537 | 2 116 972 | 1 966 528 | 1 666 075 | 1 889 614 | 1e |
| Turkey | 6 673 242 | 6 298 705 | 6 961 015 | 7 698 018 | 7 843 502 | 1e |
| Turkmenistan | 100 000 | 100 000 | 100 000 | 94 600 | 96 000 | 1n |
| Ukraine | 1 815 684 | 2 191 619 | 2 092 795 | 2 075 000 | 1 900 000 | 1e |
| United Kingdom | 2 361 707 | 3 430 266 | 2 377 765 | 2 312 100 | 2 320 000 | 2n |
| United States | 39 900 000 | 43 900 000 | 45 000 000 | 43 000 000 | 42 000 000 | 2e |
| Venezuela | 600 000 | 600 000 | 600 000 | 500 000 | 500 000 | 2n |
| Vietnam | 648 500 | 996 500 | 945 000 | 1 134 600 | 1 287 200 | 3e |
| Yemen | 50 000 | 50 000 | 50 000 | 50 000 | 50 000 | 2n |
| Total | 282 563 282 | 290 534 458 | 292 279 225 | 267 753 764 | 273 766 013 | |

Sulfur

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Algeria | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 2n |
| Armenia | 8 100 | 10 500 | 10 500 | 11 500 | 14 100 | 1e |
| Australia | 900 000 | 900 000 | 900 000 | 900 000 | 900 000 | 2n |
| Austria | 7 691 | 6 980 | 6 768 | 6 564 | 4 755 | 1e |
| Bahrain | 144 805 | 139 370 | 139 655 | 125 350 | 130 000 | 2n |
| Brazil | 530 000 | 450 000 | 460 000 | 450 000 | 435 000 | 2n |
| Bulgaria | 501 000 | 474 100 | 423 600 | 497 000 | 434 500 | 1n |
| Canada | 5 327 000 | 5 333 000 | 4 808 913 | 4 904 051 | 4 879 000 | 2e |
| Chile | 1 797 800 | 1 734 200 | 1 516 400 | 1 742 000 | 1 655 100 | 1e |
| China | 13 488 700 | 13 762 700 | 14 450 000 | 15 340 000 | 15 730 000 | 2n |
| Colombia | 81 172 | 155 641 | 100 203 | 69 638 | 70 000 | 2n |
| Cuba | 298 600 | 309 000 | 317 000 | 311 200 | 278 900 | 1e |
| Denmark | 4 004 | 4 194 | 3 554 | 4 140 | 4 090 | 1e |
| Egypt | 80 000 | 80 000 | 80 000 | 80 000 | 80 000 | 2n |
| Finland | 937 000 | 888 300 | 811 600 | 794 900 | 737 600 | 1n |
| France | 500 000 | 500 000 | 500 000 | 450 000 | 450 000 | 2n |
| Germany | 537 882 | 419 597 | 460 012 | 353 293 | 382 049 | 1e |
| Greece | 210 000 | 280 000 | 260 000 | 210 000 | 250 000 | 2n |
| India | 3 475 200 | 4 290 400 | 3 900 950 | 3 750 000 | 3 681 000 | 2n |
| Indonesia | 500 000 | 500 000 | 500 000 | 500 000 | 500 000 | 2n |
| Iran | 2 200 000 | 2 200 000 | 2 200 000 | 2 200 000 | 2 000 000 | 2n |
| Iraq | 40 000 | 40 000 | 40 000 | 40 000 | 74 000 | 1e |
| Italy | 846 900 | 809 900 | 1 261 100 | 458 700 | 613 100 | 1e |
| Japan | 3 372 500 | 3 408 300 | 3 259 000 | 3 140 500 | 3 150 100 | 1n |
| Jordan | 274 350 | 279 910 | 255 060 | 282 200 | 316 540 | 1e |
| Kazakhstan | 3 789 700 | 3 218 250 | 3 834 100 | 3 876 400 | 3 993 100 | 1e |
| Korea, North | 10 000 | 10 000 | 10 000 | 10 000 | 10 000 | 2n |
| Korea, South | 2 000 000 | 2 000 000 | 2 000 000 | 2 000 000 | 2 000 000 | 1e |

| | | | | | | |
|----------------------|------------|------------|------------|------------|------------|----|
| Kuwait | 556 800 | 671 000 | 623 300 | 649 800 | 959 000 | 1n |
| Libya | 133 300 | 133 000 | 130 000 | 130 000 | 130 000 | 2n |
| Lithuania | 93 970 | 93 960 | 86 040 | 71 250 | 72 990 | 1e |
| Mexico | 551 218 | 442 657 | 377 381 | 264 078 | 219 439 | 1e |
| Namibia | 72 280 | 78 610 | 72 920 | 81 500 | 65 500 | 1e |
| Norway | 100 000 | 120 000 | 100 000 | 100 000 | 100 000 | 2n |
| Oman | 59 140 | 84 990 | 79 140 | 80 830 | 87 765 | 1e |
| Pakistan | 23 740 | 22 040 | 20 715 | 19 948 | 19 398 | 1e |
| Peru | 536 200 | 552 800 | 511 500 | 474 500 | 529 900 | 1e |
| Philippines | 1 056 400 | 1 321 800 | 716 100 | 575 900 | 600 000 | 2n |
| Poland | 1 321 410 | 1 250 400 | 1 210 240 | 1 011 080 | 1 058 800 | 1e |
| Qatar | 2 000 000 | 1 767 000 | 2 050 000 | 1 650 000 | 2 100 000 | 1n |
| Russia | 7 000 000 | 7 170 000 | 7 175 000 | 6 850 000 | 4 690 900 | 2n |
| Saudi Arabia | 6 564 200 | 6 600 000 | 6 600 000 | 6 600 000 | 6 600 000 | 2n |
| South Africa | 256 700 | 239 297 | 919 624 | 575 491 | 61 929 | 1e |
| Spain | 633 000 | 662 000 | 663 100 | 584 300 | 687 600 | 1e |
| Sweden | 390 620 | 416 560 | 347 990 | 339 890 | 344 000 | 2n |
| Taiwan | 173 963 | 169 698 | 195 358 | 167 337 | 192 228 | 1e |
| Turkey | 92 500 | 250 000 | 242 600 | 117 400 | 110 600 | 2e |
| Turkmenistan | 200 000 | 480 000 | 330 000 | 470 000 | 590 000 | 2n |
| Ukraine | 175 900 | 222 200 | 220 400 | 223 500 | 255 600 | 1e |
| United Arab Emirates | 4 600 000 | 5 300 000 | 5 980 000 | 5 220 000 | 5 396 000 | 2e |
| United Kingdom | 133 000 | 129 000 | 130 000 | 106 000 | 110 000 | 2n |
| United States | 9 630 000 | 9 670 000 | 8 710 000 | 7 890 000 | 8 070 000 | 1e |
| Venezuela | 700 000 | 700 000 | 500 000 | 300 000 | 300 000 | 2n |
| Zambia | 679 500 | 947 800 | 960 200 | 917 300 | 691 900 | 1n |
| Total | 79 602 245 | 81 705 154 | 81 466 023 | 77 983 540 | 76 822 483 | |

Talc

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Afghanistan | 389 825 | 356 789 | 345 052 | 95 923 | 441 372 | 1e |
| Argentina | 15 330 | 13 072 | 10 000 | 2 304 | 1 800 | 1e |
| Australia | 120 000 | 130 000 | 140 000 | 110 000 | 90 000 | 2n |
| Austria | 123 558 | 127 866 | 124 184 | 123 000 | 157 493 | 1e |
| Bhutan | 1 293 | 2 042 | 1 375 | 972 | 678 | 1e |
| Brazil | 500 000 | 660 000 | 650 000 | 650 000 | 660 000 | 2n |
| Canada | 215 000 | 279 000 | 243 000 | 153 293 | 153 000 | 2n |
| China | 1 800 000 | 2 000 000 | 1 800 000 | 1 300 000 | 1 400 000 | 1e |
| Colombia | 2 374 | 2 062 | 1 708 | 717 | 45 | 1e |
| Egypt | 15 000 | 25 000 | 22 000 | 20 000 | 15 000 | 2n |
| Finland | 354 819 | 374 398 | 329 891 | 278 331 | 296 833 | 1a |
| France | 470 000 | 450 000 | 400 000 | 400 000 | 350 000 | 2n |
| Guatemala | 1 982 | 2 187 | 10 | 3 151 | 2 111 | 1e |
| India | 1 652 367 | 1 682 825 | 1 748 963 | 1 720 000 | 1 575 000 | 2n |
| Iran | 86 514 | 73 259 | 49 650 | 61 665 | 74 537 | 1a |
| Italy | 165 000 | 165 000 | 160 000 | 165 000 | 165 000 | 2n |
| Japan | 365 000 | 160 000 | 160 000 | 160 000 | 160 000 | 2n |
| Korea, North | 40 000 | 40 000 | 40 000 | 30 000 | 30 000 | 2n |
| Korea, South | 434 292 | 348 648 | 330 250 | 315 446 | 355 104 | 1e |
| Mexico | 7 129 | 8 448 | 7 202 | 29 122 | 29 000 | 2n |
| Nepal | 7 096 | 8 658 | 7 813 | 4 931 | 4 450 | 1e |
| Nigeria | 1 897 | 2 668 | 6 630 | 8 404 | 65 061 | 1e |
| North Macedonia | 478 | 559 | 0 | 0 | 0 | 1e |
| Pakistan | 152 279 | 141 504 | 158 109 | 150 009 | 289 423 | 1e |
| Peru | 42 123 | 47 309 | 43 974 | 37 938 | 50 355 | 1e |
| Portugal | 13 600 | 10 144 | 12 901 | 9 751 | 8 277 | 1e |

| | | | | | | |
|----------------|------------------|------------------|------------------|------------------|------------------|----|
| Russia | 20 000 | 12 500 | 48 000 | 104 000 | 50 000 | 2e |
| Saudi Arabia | 44 000 | 46 000 | 48 000 | 61 000 | 64 000 | 1e |
| Slovakia | 14 000 | 43 000 | 70 100 | 91 600 | 99 900 | 1e |
| South Africa | 58 776 | 102 142 | 135 430 | 92 318 | 270 944 | 1e |
| Spain | 11 500 | 15 500 | 13 100 | 2 920 | 0 | 1a |
| Sudan | 4 000 | 4 000 | 2 000 | 0 | 4 500 | 1e |
| Taiwan | 0 | 17 | 6 | 0 | 43 | 1e |
| Thailand | 61 436 | 58 676 | 14 564 | 38 146 | 31 950 | 1e |
| Turkey | 474 482 | 284 216 | 92 077 | 143 470 | 220 350 | 1e |
| United Kingdom | 3 218 | 1 640 | 3 131 | 1 386 | 1 500 | 2n |
| United States | 610 000 | 648 000 | 578 000 | 491 000 | 577 000 | 1e |
| Uruguay | 100 | 420 | 50 | 520 | 570 | 1e |
| Total | 8 278 468 | 8 327 549 | 7 797 170 | 6 856 317 | 7 695 296 | |

Vermiculite

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Brazil | 50 050 | 56 708 | 47 581 | 58 821 | 70 500 | 1e |
| China | 50 000 | 50 000 | 50 000 | 50 000 | 40 000 | 2n |
| India | 6 054 | 2 992 | 2 774 | 1 260 | 3 061 | 1e |
| Kenya | 0 | 0 | 100 | 0 | 400 | 2n |
| Mexico | 464 | 244 | 148 | 104 | 100 | 2n |
| Russia | 14 400 | 25 904 | 29 237 | 28 442 | 39 804 | 1e |
| South Africa | 166 084 | 141 346 | 158 013 | 118 223 | 217 109 | 1e |
| Turkey | 1 618 | 18 183 | 1 370 | 19 230 | 3 300 | 1e |
| Uganda | 4 119 | 10 413 | 9 674 | 14 170 | 14 000 | 2n |
| United States | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 1e |
| Zimbabwe | 23 302 | 33 161 | 25 524 | 26 388 | 27 713 | 1e |
| Total | 416 091 | 438 951 | 424 421 | 416 638 | 515 987 | |

Zircon

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 430 850 | 522 400 | 468 900 | 380 000 | 569 000 | 1e |
| Brazil | 19 016 | 17 844 | 17 136 | 10 994 | 6 482 | 1e |
| China | 116 000 | 150 000 | 140 000 | 140 000 | 140 000 | 2n |
| India | 9 107 | 11 906 | 15 600 | 16 000 | 16 000 | 2n |
| Indonesia | 29 500 | 53 700 | 73 100 | 77 200 | 54 630 | 1n |
| Kenya | 42 217 | 36 387 | 30 440 | 31 730 | 28 933 | 1e |
| Madagascar | 25 950 | 22 757 | 29 473 | 26 029 | 23 100 | 1e |
| Malaysia | 1 595 | 509 | 449 | 157 | 1 518 | 1e |
| Mozambique | 159 664 | 202 022 | 121 768 | 104 076 | 123 011 | 1e |
| Nigeria | 4 086 | 1 421 | 1 000 | 242 | 3 033 | 1e |
| Russia | 7 324 | 7 400 | 6 300 | 6 000 | 6 700 | 2e |
| Senegal | 81 749 | 93 569 | 80 747 | 83 257 | 90 760 | 1e |
| Sierra Leone | 3 000 | 11 400 | 8 500 | 4 564 | 4 100 | 1n |
| South Africa | 361 813 | 303 610 | 320 000 | 311 800 | 301 000 | 2n |
| Sri Lanka | 8 569 | 785 | 971 | 419 | 400 | 1e |

| | | | | | | |
|---------------|-----------|-----------|-----------|-----------|-----------|----|
| Turkey | 1 200 | 1 950 | 0 | 0 | 0 | 1e |
| Ukraine | 27 239 | 21 614 | 18 000 | 16 000 | 27 000 | 2e |
| United States | 45 000 | 100 000 | 30 000 | 30 000 | 30 000 | 2n |
| Vietnam | 5 500 | 10 500 | 6 600 | 10 700 | 30 400 | 2n |
| Total | 1 379 379 | 1 569 774 | 1 368 984 | 1 249 168 | 1 456 067 | |

6.4.5 Mineral Fuels

Steam Coal

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Afghanistan | 2 191 400 | 2 444 600 | 1 604 700 | 56 620 | 340 800 | 1e |
| Albania | 138 800 | 297 530 | 95 380 | 151 231 | 242 425 | 1e |
| Argentina | 37 713 | 81 993 | 154 782 | 24 800 | 25 300 | 1e |
| Australia | 252 748 000 | 259 784 000 | 271 388 000 | 267 504 000 | 248 001 000 | 1p |
| Bangladesh | 1 160 658 | 923 276 | 805 696 | 811 138 | 753 973 | 1n |
| Bhutan | 161 527 | 186 824 | 184 785 | 72 838 | 111 545 | 1e |
| Botswana | 2 215 782 | 2 482 313 | 2 110 891 | 1 923 992 | 2 021 218 | 1a |
| Brazil | 3 325 439 | 3 568 760 | 3 812 975 | 3 171 509 | 4 768 003 | 1e |
| Canada | 23 049 000 | 17 929 000 | 15 078 380 | 12 957 270 | 12 195 290 | 1p |
| Chile | 2 495 390 | 2 294 677 | 1 606 554 | 191 562 | 18 541 | 1e |
| China | 2 671 559 000 | 2 850 962 000 | 2 970 445 000 | 2 999 940 000 | 3 152 948 000 | 1p |
| Colombia | 85 213 000 | 80 771 070 | 79 770 360 | 46 768 892 | 47 072 614 | 1e |
| Czech Republic | 2 337 100 | 1 993 850 | 1 335 497 | 841 188 | 739 460 | 1n |
| Eswatini | 202 277 | 144 375 | 109 926 | 161 768 | 162 681 | 1e |
| Georgia | 268 100 | 137 900 | 15 300 | 99 300 | 147 900 | 1e |
| Germany | 1 483 200 | 1 212 700 | 0 | 0 | 0 | 1e |
| India | 635 252 000 | 687 586 000 | 677 938 000 | 671 296 000 | 726 488 000 | 1e |
| Indonesia | 490 409 256 | 543 919 000 | 594 796 500 | 561 979 900 | 564 815 700 | 1p |
| Iran | 138 000 | 400 000 | 485 000 | 450 000 | 650 000 | 1a |
| Italy | 47 000 | 0 | 0 | 0 | 0 | 1e |
| Kazakhstan | 90 910 400 | 101 085 800 | 98 593 000 | 97 924 100 | 102 638 200 | 1e |
| Korea, North | 22 271 000 | 16 899 000 | 20 210 000 | 19 000 000 | 20 000 000 | 2n |
| Korea, South | 1 485 582 | 1 201 920 | 1 084 000 | 1 019 000 | 897 900 | 1e |
| Kyrgyzstan | 246 500 | 316 200 | 346 500 | 522 200 | 571 500 | 1e |
| Laos | 133 284 | 142 994 | 161 494 | 320 231 | 698 521 | 1e |
| Malawi | 45 230 | 49 753 | 54 728 | 54 876 | 30 251 | 1e |
| Malaysia | 2 988 211 | 2 652 814 | 3 459 122 | 2 978 248 | 3 115 316 | 1e |
| Mexico | 7 528 900 | 6 772 528 | 6 175 726 | 3 357 000 | 2 831 000 | 1p |
| Mongolia | 6 286 990 | 6 914 400 | 6 683 100 | 5 394 200 | 4 077 410 | 1p |
| Mozambique | 4 391 833 | 6 891 201 | 4 983 146 | 3 370 585 | 5 346 781 | 1e |
| Myanmar | 646 900 | 819 715 | 1 325 586 | 1 283 428 | 994 617 | 1p |
| Nepal | 10 237 | 10 049 | 7 184 | 7 250 | 10 714 | 1e |
| New Zealand | 1 426 000 | 1 710 060 | 1 545 230 | 1 482 000 | 1 448 565 | 1p |
| Niger | 233 792 | 221 580 | 225 920 | 246 880 | 105 760 | 1e |
| Nigeria | 397 214 | 352 679 | 543 424 | 747 979 | 1 444 139 | 1e |
| Norway | 134 433 | 154 200 | 117 000 | 63 000 | 121 000 | 1n |
| Pakistan | 3 953 992 | 4 477 555 | 5 406 878 | 8 599 166 | 9 229 377 | 1e |
| Peru | 301 446 | 218 787 | 181 023 | 131 516 | 146 982 | 1e |
| Philippines | 11 932 000 | 13 055 840 | 15 273 525 | 13 267 098 | 14 378 268 | 1e |
| Poland | 52 999 300 | 51 336 590 | 49 552 170 | 42 111 970 | 42 421 560 | 1e |
| Russia | 253 700 000 | 271 200 000 | 266 700 000 | 241 300 000 | 261 646 600 | 1e |
| South Africa | 253 096 500 | 251 607 600 | 254 767 800 | 245 053 000 | 225 804 400 | 1p |
| Spain | 1 161 748 | 645 612 | 0 | 0 | 0 | 1a |

| | | | | | | |
|----------------|----------------------|----------------------|----------------------|----------------------|----------------------|----|
| Tajikistan | 1 760 090 | 1 907 055 | 2 027 790 | 2 023 000 | 2 080 000 | 1e |
| Tanzania | 558 553 | 627 652 | 712 136 | 689 959 | 976 319 | 1e |
| Turkey | 1 875 000 | 2 160 520 | 2 695 628 | 2 457 720 | 520 270 | 1p |
| Ukraine | 18 932 900 | 21 648 100 | 19 747 200 | 17 733 500 | 22 153 000 | 1e |
| United Kingdom | 2 267 900 | 1 996 860 | 1 849 060 | 1 166 420 | 717 080 | 1e |
| United States | 573 904 900 | 562 012 600 | 521 540 300 | 394 850 100 | 429 228 900 | 1e |
| Uzbekistan | 160 000 | 160 000 | 245 168 | 246 800 | 258 100 | 1n |
| Venezuela | 370 000 | 100 000 | 379 907 | 683 583 | 166 842 | 1p |
| Vietnam | 38 409 000 | 42 384 000 | 47 158 000 | 44 598 000 | 48 308 000 | 1e |
| Zambia | 208 608 | 344 717 | 361 648 | 446 153 | 663 345 | 1e |
| Zimbabwe | 2 682 650 | 3 049 730 | 2 486 960 | 2 517 060 | 2 759 100 | 1e |
| Total | 5 531 843 735 | 5 832 247 979 | 5 958 338 079 | 5 724 048 030 | 5 967 292 267 | |

Coking Coal

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|----------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----|
| Australia | 190 000 000 | 179 350 000 | 189 066 000 | 183 764 000 | 170 601 000 | 1p |
| Canada | 29 219 000 | 29 666 000 | 29 952 270 | 24 978 320 | 26 972 900 | 1p |
| China | 516 107 000 | 530 440 000 | 538 634 000 | 561 254 300 | 572 061 400 | 1p |
| Colombia | 6 078 000 | 5 555 700 | 5 398 800 | 5 780 420 | 5 817 960 | 1e |
| Czech Republic | 2 532 900 | 2 626 361 | 2 309 833 | 1 296 137 | 1 734 896 | 1n |
| Germany | 2 185 300 | 1 370 800 | 0 | 0 | 0 | 1e |
| India | 40 148 000 | 41 132 000 | 52 936 000 | 44 787 000 | 51 702 000 | 1e |
| Indonesia | 4 300 000 | 5 117 786 | 5 752 018 | 4 000 000 | 4 356 640 | 1p |
| Iran | 1 383 000 | 1 650 000 | 1 600 000 | 3 816 000 | 3 650 000 | 1a |
| Kazakhstan | 15 749 700 | 10 836 000 | 10 478 500 | 10 052 900 | 8 751 800 | 1e |
| Mexico | 4 566 000 | 3 897 000 | 3 275 000 | 3 897 000 | 4 165 000 | 1p |
| Mongolia | 25 672 000 | 27 073 750 | 28 962 970 | 25 821 930 | 19 518 500 | 1p |
| Mozambique | 7 385 930 | 8 355 292 | 5 356 390 | 4 670 626 | 5 732 902 | 1e |
| New Zealand | 1 173 100 | 1 213 400 | 1 200 900 | 1 038 970 | 1 134 310 | 1p |
| Poland | 12 480 640 | 12 047 000 | 12 071 220 | 12 273 960 | 12 584 820 | 1e |
| Russia | 85 300 000 | 89 800 000 | 93 900 000 | 88 200 000 | 99 800 000 | 1e |
| South Africa | 4 028 275 | 4 508 302 | 3 722 225 | 2 057 020 | 2 730 418 | 1p |
| Turkey | 764 000 | 692 130 | 698 870 | 617 280 | 716 000 | 1p |
| Ukraine | 5 233 900 | 4 606 300 | 5 783 200 | 6 434 800 | 7 234 000 | 1e |
| United Kingdom | 773 160 | 785 470 | 742 340 | 506 870 | 336 740 | 1e |
| United States | 67 388 600 | 71 948 200 | 64 168 100 | 50 358 700 | 56 084 900 | 1e |
| Zimbabwe | 245 549 | 297 770 | 242 960 | 233 830 | 486 900 | 1e |
| Total | 1 022 714 054 | 1 032 969 261 | 1 056 251 596 | 1 035 840 063 | 1 056 173 086 | |

Lignite

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 56 719 000 | 45 956 000 | 43 315 000 | 41 513 000 | 41 622 000 | 1p |
| Bosnia-Herzegovina | 14 033 504 | 14 378 767 | 13 376 548 | 13 365 730 | 12 802 517 | 1e |
| Brazil | 1 488 084 | 1 422 500 | 1 596 696 | 2 309 404 | 1 896 525 | 1e |
| Bulgaria | 34 587 500 | 31 813 678 | 29 462 615 | 22 519 300 | 28 410 900 | 1a |
| Canada | 9 890 000 | 9 900 000 | 8 134 855 | 7 349 317 | 8 293 554 | 1p |
| Czech Republic | 39 310 000 | 39 187 000 | 37 465 000 | 29 505 000 | 29 278 000 | 1a |
| Germany | 171 285 700 | 166 258 000 | 131 314 000 | 107 377 260 | 126 256 594 | 1e |
| Greece | 37 802 600 | 36 574 360 | 27 383 575 | 13 866 637 | 12 081 578 | 1e |

| | | | | | | |
|-----------------|-------------|-------------|-------------|-------------|-------------|----|
| Hungary | 7 974 130 | 7 898 689 | 6 846 837 | 6 125 178 | 4 987 686 | 1e |
| India | 46 644 000 | 44 283 000 | 42 096 000 | 37 895 000 | 47 490 000 | 1e |
| Kazakhstan | 5 739 000 | 6 560 700 | 5 929 100 | 5 422 100 | 4 828 700 | 1e |
| Kosovo | 7 574 697 | 7 169 767 | 8 063 051 | 8 537 948 | 8 535 436 | 1e |
| Kyrgyzstan | 1 628 900 | 2 079 000 | 2 259 500 | 1 997 500 | 2 418 400 | 1e |
| Laos | 13 439 492 | 15 903 277 | 15 263 562 | 14 366 628 | 13 618 072 | 1e |
| Mongolia | 6 783 000 | 7 449 000 | 8 053 080 | 6 657 650 | 5 309 755 | 1p |
| Montenegro | 1 474 800 | 1 595 900 | 1 605 200 | 1 665 449 | 1 548 612 | 1a |
| Myanmar | 90 000 | 485 724 | 785 480 | 760 498 | 589 360 | 1p |
| New Zealand | 319 487 | 307 378 | 287 830 | 297 690 | 284 735 | 1e |
| North Macedonia | 5 056 918 | 4 946 486 | 5 066 083 | 4 532 745 | 4 758 504 | 1e |
| Poland | 61 160 660 | 58 570 900 | 50 328 580 | 45 983 410 | 52 355 510 | 1e |
| Romania | 25 752 300 | 23 647 150 | 21 652 320 | 15 030 906 | 17 733 034 | 1e |
| Russia | 72 200 000 | 78 300 000 | 80 800 000 | 72 600 000 | 75 200 000 | 1e |
| Serbia | 39 805 959 | 37 648 957 | 38 880 520 | 39 673 059 | 36 417 513 | 1e |
| Slovakia | 1 860 710 | 1 506 940 | 1 474 830 | 986 270 | 1 080 562 | 1e |
| Slovenia | 3 355 664 | 3 216 735 | 3 218 696 | 3 259 309 | 2 807 476 | 1e |
| Spain | 1 833 357 | 1 727 513 | 0 | 0 | 0 | 1a |
| Thailand | 16 258 637 | 14 851 950 | 14 077 965 | 13 250 574 | 14 221 573 | 1e |
| Turkey | 71 459 170 | 81 084 000 | 83 694 600 | 71 637 000 | 84 531 660 | 1p |
| United States | 61 394 500 | 51 744 500 | 48 255 700 | 44 783 600 | 42 968 700 | 1e |
| Uzbekistan | 3 878 670 | 4 014 400 | 3 807 600 | 3 869 375 | 4 781 193 | 1n |
| Total | 820 800 439 | 800 482 271 | 734 494 823 | 637 137 537 | 687 108 149 | |

Natural Gas

| Country | 2017 Mio m ³ | 2018 Mio m ³ | 2019 Mio m ³ | 2020 Mio m ³ | 2021 Mio m ³ | Rem |
|-------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----|
| Afghanistan | 156 | 153 | 146 | 59 | 153 | 1e |
| Albania | 91 | 82 | 71 | 55 | 54 | 1e |
| Algeria | 96 599 | 97 467 | 89 983 | 84 597 | 105 037 | 1e |
| Angola | 5 800 | 6 490 | 6 800 | 7 550 | 5 886 | 1p |
| Argentina | 39 740 | 40 930 | 43 220 | 39 570 | 40 940 | 1e |
| Australia | 113 805 | 130 987 | 154 485 | 154 263 | 156 774 | 1e |
| Austria | 1 742 | 969 | 891 | 743 | 654 | 1e |
| Azerbaijan | 18 186 | 19 207 | 24 514 | 26 487 | 32 578 | 1e |
| Bahrain | 15 230 | 15 420 | 17 120 | 17 230 | 17 590 | 1e |
| Bangladesh | 27 450 | 27 430 | 27 230 | 24 990 | 25 170 | 1n |
| Barbados | 15 | 14 | 14 | 11 | 11 | 1e |
| Belarus | 205 | 211 | 218 | 219 | 229 | 1e |
| Bolivia | 20 695 | 19 341 | 17 046 | 16 384 | 16 967 | 1e |
| Brazil | 28 663 | 26 687 | 27 358 | 25 384 | 25 382 | 1e |
| Brunei | 14 578 | 12 235 | 12 504 | 12 065 | 11 178 | 1e |
| Bulgaria | 65 | 31 | 35 | 55 | 31 | 1a |
| Cameroon | 390 | 1 460 | 2 010 | 2 130 | 2 090 | 1e |
| Canada | 173 475 | 177 821 | 170 890 | 167 048 | 173 515 | 1e |
| Chile | 1 200 | 1 221 | 1 339 | 1 316 | 1 275 | 1e |
| China | 148 035 | 160 159 | 175 362 | 192 495 | 207 584 | 1e |
| Colombia | 10 915 | 11 590 | 11 800 | 11 770 | 12 110 | 1e |
| Congo, Rep. | 860 | 867 | 622 | 809 | 1 000 | 2n |
| Cote d'Ivoire | 2 130 | 1 935 | 2 171 | 2 229 | 2 373 | 1e |
| Croatia | 1 484 | 1 230 | 1 029 | 849 | 746 | 1e |
| Cuba | 1 051 | 970 | 951 | 895 | 652 | 1e |
| Czech Republic | 171 | 179 | 146 | 173 | 153 | 1a |
| Denmark | 4 820 | 4 148 | 3 138 | 1 425 | 1 352 | 1e |
| Ecuador | 463 | 353 | 318 | 268 | 269 | 1e |
| Egypt | 48 810 | 58 560 | 64 940 | 58 465 | 67 799 | 1r |
| Equatorial Guinea | 8 240 | 7 750 | 6 235 | 6 023 | 7 047 | 1e |

| | | | | | | |
|----------------------|---------|---------|---------|---------|---------|----|
| France | 16 | 9 | 16 | 17 | 22 | 1e |
| Gabon | 491 | 511 | 464 | 502 | 454 | 1e |
| Georgia | 9 | 10 | 10 | 9 | 16 | 1e |
| Germany | 7 932 | 6 888 | 6 699 | 5 692 | 5 731 | 1e |
| Ghana | 940 | 910 | 1 550 | 2 660 | 3 020 | 1e |
| Greece | 8 | 12 | 9 | 6 | 4 | 1e |
| Guatemala | | | | 0 | 72 | 1e |
| Hungary | 1 821 | 1 905 | 1 716 | 1 708 | 1 526 | 1e |
| India | 31 731 | 32 058 | 30 257 | 27 784 | 33 131 | 1e |
| Indonesia | 72 270 | 72 570 | 67 160 | 59 180 | 58 960 | 1e |
| Iran | 213 850 | 224 899 | 232 900 | 249 530 | 256 650 | 1r |
| Iraq | 10 120 | 10 574 | 10 967 | 7 005 | 9 355 | 1r |
| Ireland | 3 170 | 3 060 | 2 390 | 1 840 | 1 400 | 1e |
| Israel | 8 470 | 9 010 | 9 035 | 13 305 | 16 623 | 1e |
| Italy | 5 538 | 5 443 | 4 852 | 4 117 | 3 343 | 1e |
| Japan | 3 008 | 2 707 | 2 524 | 2 295 | 2 305 | 1e |
| Jordan | 102 | 93 | 99 | 150 | 184 | 1a |
| Kazakhstan | 31 587 | 36 350 | 33 100 | 32 810 | 29 400 | 1e |
| Korea, South | 326 | 293 | 248 | 177 | 53 | 1e |
| Kuwait | 16 892 | 17 925 | 17 516 | 17 522 | 17 400 | 2e |
| Kyrgyzstan | 26 | 27 | 24 | 22 | 22 | 1e |
| Libya | 14 310 | 13 880 | 14 190 | 17 714 | 15 236 | 1p |
| Malaysia | 70 290 | 66 212 | 68 700 | 63 370 | 67 520 | 1e |
| Mexico | 30 470 | 29 860 | 29 370 | 28 590 | 27 170 | 1e |
| Morocco | 81 | 87 | 99 | 98 | 110 | 1e |
| Mozambique | 5 110 | 5 120 | 4 597 | 4 541 | 4 593 | 1e |
| Myanmar | 18 660 | 16 040 | 18 810 | 18 270 | 17 680 | 1e |
| Netherlands | 43 103 | 36 911 | 31 517 | 22 813 | 20 438 | 1e |
| New Zealand | 4 896 | 4 322 | 4 608 | 4 508 | 3 945 | 1e |
| Nigeria | 47 200 | 48 270 | 49 280 | 49 950 | 48 570 | 1e |
| Norway | 124 664 | 122 203 | 115 123 | 112 332 | 115 178 | 1e |
| Oman | 33 172 | 37 660 | 37 460 | 36 110 | 38 400 | 1e |
| Pakistan | 41 678 | 41 313 | 40 679 | 37 283 | 36 224 | 1e |
| Papua New Guinea | 3 286 | 2 914 | 3 339 | 3 325 | 3 400 | 2n |
| Peru | 12 942 | 12 721 | 13 429 | 12 030 | 11 375 | 1e |
| Philippines | 3 922 | 4 270 | 4 409 | 4 013 | 3 429 | 1e |
| Poland | 5 009 | 4 926 | 4 976 | 4 934 | 4 860 | 1e |
| Qatar | 166 500 | 165 600 | 167 610 | 166 740 | 169 152 | 1p |
| Romania | 10 582 | 10 278 | 9 959 | 8 914 | 8 938 | 1e |
| Russia | 680 800 | 711 500 | 718 960 | 680 100 | 757 700 | 1o |
| Saudi Arabia | 115 000 | 118 000 | 117 000 | 119 000 | 120 485 | 1e |
| Senegal | 18 | 11 | 15 | 14 | 6 | 1e |
| Serbia | 489 | 450 | 439 | 409 | 362 | 1e |
| Slovakia | 90 | 90 | 80 | 70 | 71 | 1e |
| Slovenia | 9 | 18 | 8 | 6 | 6 | 1e |
| South Africa | 737 | 615 | 658 | 554 | 44 | 1e |
| Spain | 34 | 90 | 135 | 47 | 38 | 1a |
| Syria | 3 490 | 3 470 | 3 330 | 2 920 | 3 070 | 1n |
| Taiwan | 266 | 198 | 167 | 105 | 110 | 1e |
| Tajikistan | 2 | 1 | 1 | 1 | 1 | 1e |
| Tanzania | 1 344 | 1 675 | 1 807 | 1 616 | 1 838 | 1e |
| Thailand | 37 417 | 36 454 | 37 450 | 33 799 | 33 117 | 1e |
| Trinidad and Tobago | 32 845 | 35 005 | 35 545 | 30 230 | 25 425 | 1e |
| Tunisia | 2 094 | 1 950 | 1 780 | 1 850 | 2 240 | 1e |
| Turkey | 364 | 436 | 483 | 458 | 415 | 1e |
| Turkmenistan | 70 600 | 70 000 | 71 000 | 67 960 | 83 773 | 1e |
| Ukraine | 20 510 | 20 806 | 20 520 | 20 183 | 19 757 | 1e |
| United Arab Emirates | 59 495 | 58 082 | 57 517 | 55 445 | 56 994 | 1r |
| United Kingdom | 42 100 | 40 827 | 39 386 | 39 433 | 32 568 | 1e |
| United States | 774 200 | 871 440 | 959 920 | 948 410 | 977 440 | 1e |

| | | | | | | |
|------------|-----------|-----------|-----------|-----------|-----------|----|
| Uzbekistan | 56 417 | 59 842 | 60 538 | 49 736 | 53 802 | 1e |
| Venezuela | 38 605 | 31 619 | 25 576 | 21 561 | 23 977 | 1r |
| Vietnam | 9 866 | 10 010 | 10 200 | 9 160 | 7 460 | 1e |
| Yemen | 300 | 100 | 100 | 130 | 130 | 1p |
| Total | 3 776 338 | 3 946 427 | 4 064 892 | 3 960 620 | 4 153 317 | |

Petroleum

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Albania | 958 940 | 910 670 | 1 005 090 | 758 170 | 712 000 | 1e |
| Algeria | 66 667 000 | 65 331 000 | 64 330 000 | 57 535 000 | 58 200 000 | 1e |
| Angola | 78 578 410 | 71 284 690 | 66 171 070 | 61 452 090 | 54 270 690 | 1p |
| Argentina | 23 879 000 | 24 369 600 | 25 323 400 | 23 996 600 | 25 565 200 | 1e |
| Australia | 15 335 030 | 16 793 630 | 22 464 160 | 22 381 790 | 21 782 900 | 1e |
| Austria | 741 890 | 681 842 | 642 953 | 609 254 | 571 428 | 1e |
| Azerbaijan | 38 688 400 | 38 814 300 | 37 501 200 | 34 531 900 | 34 580 300 | 1e |
| Bahrain | 9 815 140 | 9 667 380 | 9 668 850 | 9 694 300 | 9 608 230 | 1e |
| Bangladesh | 592 650 | 589 650 | 565 140 | 522 570 | 463 590 | 1n |
| Barbados | 32 050 | 30 070 | 28 560 | 23 590 | 20 770 | 1e |
| Belarus | 1 650 000 | 1 670 000 | 1 690 000 | 1 710 000 | 1 737 000 | 1e |
| Bolivia | 2 711 300 | 2 534 273 | 2 244 260 | 2 065 070 | 2 032 870 | 1e |
| Brazil | 136 052 700 | 134 122 000 | 143 933 400 | 151 759 400 | 149 154 800 | 1e |
| Brunei | 5 635 870 | 5 553 200 | 6 040 240 | 5 479 350 | 5 308 680 | 1e |
| Bulgaria | 21 930 | 20 600 | 20 000 | 20 500 | 20 086 | 1a |
| Cameroon | 3 781 800 | 3 428 100 | 3 545 900 | 3 622 200 | 3 493 100 | 1e |
| Canada | 238 267 000 | 258 786 900 | 265 045 900 | 253 195 200 | 266 190 400 | 1e |
| Chad | 5 663 200 | 5 750 600 | 6 316 700 | 6 303 000 | 5 799 300 | 1e |
| Chile | 177 760 | 160 330 | 161 520 | 102 640 | 109 980 | 1e |
| China | 191 506 100 | 189 324 200 | 191 628 300 | 194 768 600 | 198 881 100 | 1e |
| Colombia | 42 519 290 | 43 088 900 | 44 101 940 | 38 993 490 | 36 660 230 | 1e |
| Congo, D.R. | 1 027 850 | 1 144 760 | 1 113 260 | 1 191 660 | 1 170 000 | 1e |
| Congo, Rep. | 13 252 670 | 16 740 500 | 16 749 800 | 15 280 150 | 13 446 000 | 1e |
| Cote d'Ivoire | 1 696 900 | 1 607 400 | 1 799 700 | 1 470 100 | 1 196 700 | 1e |
| Croatia | 744 500 | 732 100 | 705 700 | 631 800 | 604 500 | 1e |
| Cuba | 2 522 200 | 2 462 500 | 2 371 450 | 2 320 200 | 2 200 000 | 2n |
| Czech Republic | 106 000 | 109 000 | 81 000 | 91 000 | 83 000 | 1a |
| Denmark | 6 736 967 | 5 665 787 | 5 017 234 | 3 556 000 | 3 277 800 | 1e |
| Ecuador | 26 452 000 | 25 754 000 | 26 442 000 | 23 932 000 | 23 543 000 | 1e |
| Egypt | 32 178 000 | 32 844 000 | 31 812 000 | 31 066 370 | 29 601 360 | 1r |
| Equatorial Guinea | 8 666 670 | 7 826 120 | 7 150 650 | 7 154 660 | 5 919 365 | 1e |
| France | 758 000 | 774 100 | 719 800 | 644 700 | 647 830 | 1e |
| Gabon | 10 503 000 | 9 646 000 | 10 848 000 | 10 766 000 | 10 040 000 | 1e |
| Georgia | 32 000 | 30 200 | 35 100 | 31 300 | 35 500 | 1e |
| Germany | 2 218 406 | 2 066 643 | 1 923 232 | 1 895 942 | 1 805 932 | 1e |
| Ghana | 8 379 700 | 8 876 500 | 10 205 700 | 9 561 000 | 7 864 300 | 1e |
| Greece | 139 551 | 201 786 | 164 905 | 89 715 | 58 750 | 1e |
| Guatemala | 480 000 | 458 800 | 478 200 | 389 000 | 355 500 | 1e |
| Guyana | | 0 | 58 280 | 3 709 780 | 5 820 870 | 1e |
| Hungary | 1 039 000 | 1 103 000 | 1 160 000 | 1 030 000 | 1 087 000 | 1e |
| India | 35 684 330 | 34 203 270 | 32 169 270 | 30 494 090 | 29 688 480 | 1e |
| Indonesia | 39 879 800 | 38 434 800 | 37 104 200 | 35 367 913 | 32 786 100 | 1e |
| Iran | 231 945 670 | 219 246 080 | 158 327 680 | 143 249 750 | 167 658 090 | 1r |
| Iraq | 222 381 850 | 227 012 450 | 234 220 100 | 202 037 850 | 200 829 370 | 1r |
| Israel | 64 308 | 73 933 | 84 020 | 130 427 | 164 765 | 1e |
| Italy | 4 138 000 | 4 684 200 | 4 279 000 | 5 383 940 | 4 922 000 | 1e |
| Japan | 505 400 | 449 000 | 470 200 | 461 000 | 441 200 | 1e |
| Jordan | 300 | 1 000 | 1 600 | 2 500 | 14 300 | 1a |

| | | | | | | |
|----------------------|---------------|---------------|---------------|---------------|---------------|----|
| Kazakhstan | 86 194 400 | 90 359 500 | 90 555 500 | 85 656 100 | 85 877 800 | 1e |
| Kenya | | 0 | 32 400 | 41 000 | 0 | 1e |
| Korea, South | 29 610 | 25 730 | 21 130 | 13 990 | 4 800 | 1e |
| Kuwait | 134 633 070 | 136 244 500 | 133 309 720 | 121 347 440 | 120 264 800 | 1e |
| Kyrgyzstan | 173 200 | 200 000 | 233 100 | 239 200 | 275 600 | 1e |
| Libya | 43 757 120 | 47 110 900 | 54 317 500 | 19 388 800 | 60 113 100 | 1e |
| Lithuania | 55 830 | 46 030 | 39 570 | 31 630 | 28 920 | 1e |
| Malaysia | 32 887 600 | 32 509 900 | 30 384 800 | 27 679 100 | 25 467 600 | 1e |
| Mauritania | 165 600 | 0 | 0 | 0 | 0 | 1e |
| Mexico | 109 084 360 | 101 605 440 | 94 161 830 | 93 860 550 | 94 785 920 | 1e |
| Moldova | 5 000 | 5 100 | 5 032 | 5 032 | 4 972 | 1e |
| Mongolia | 1 039 900 | 871 500 | 937 900 | 560 000 | 636 600 | 1a |
| Morocco | 4 640 | 4 840 | 4 335 | 4 098 | 3 246 | 1e |
| Mozambique | 55 790 | 51 810 | 41 250 | 38 350 | 36 330 | 1e |
| Myanmar | 573 400 | 480 500 | 429 000 | 572 200 | 309 800 | 1e |
| Netherlands | 1 222 000 | 1 129 300 | 892 600 | 862 200 | 861 100 | 1e |
| New Zealand | 1 400 390 | 1 086 450 | 1 128 870 | 964 420 | 840 780 | 1e |
| Niger | 909 200 | 827 300 | 903 400 | 855 500 | 873 100 | 1e |
| Nigeria | 94 081 000 | 95 675 000 | 100 287 000 | 91 504 570 | 80 639 590 | 1e |
| Norway | 89 849 500 | 84 275 900 | 79 388 000 | 93 492 500 | 95 254 000 | 1e |
| Oman | 48 308 200 | 48 710 000 | 48 339 100 | 47 374 500 | 48 353 500 | 1e |
| Pakistan | 4 329 141 | 4 441 610 | 4 433 150 | 3 832 330 | 3 760 980 | 1e |
| Papua New Guinea | 2 656 600 | 1 898 700 | 1 889 900 | 1 960 100 | 1 842 600 | 1n |
| Peru | 6 688 300 | 6 688 500 | 6 956 200 | 6 221 400 | 5 949 800 | 1e |
| Philippines | 750 200 | 728 300 | 652 300 | 572 100 | 486 800 | 1e |
| Poland | 939 240 | 937 040 | 936 760 | 911 430 | 858 030 | 1e |
| Qatar | 77 488 690 | 79 223 750 | 76 220 160 | 74 399 870 | 75 847 230 | 1p |
| Romania | 3 635 000 | 3 577 000 | 3 568 000 | 3 457 000 | 3 319 000 | 1e |
| Russia | 546 742 200 | 555 833 900 | 560 256 690 | 512 761 000 | 524 050 000 | 1e |
| Saudi Arabia | 559 319 390 | 576 817 650 | 556 564 010 | 519 613 000 | 515 878 200 | 1e |
| Senegal | 12 960 | 20 300 | 28 500 | 25 280 | 20 000 | 2n |
| Serbia | 924 351 | 910 712 | 881 000 | 859 226 | 835 319 | 1e |
| Slovakia | 8 160 | 7 522 | 6 331 | 3 790 | 6 130 | 1e |
| Slovenia | 481 | 769 | 490 | 385 | 296 | 1e |
| South Africa | 31 145 | 23 770 | 29 774 | 31 974 | 15 633 | 1e |
| South Sudan | 7 250 770 | 7 107 700 | 8 448 490 | 8 126 230 | 7 515 700 | 1r |
| Spain | 118 809 | 89 476 | 40 244 | 26 819 | 5 785 | 1a |
| Sudan | 4 119 300 | 3 560 000 | 3 778 300 | 2 932 600 | 2 605 000 | 1e |
| Suriname | 811 600 | 818 400 | 825 200 | 818 400 | 818 400 | 1e |
| Syria | 1 078 300 | 1 051 030 | 1 510 590 | 1 964 180 | 4 598 420 | 1r |
| Taiwan | 4 600 | 4 000 | 3 300 | 1 860 | 2 110 | 1e |
| Tajikistan | 23 482 | 23 939 | 23 293 | 24 400 | 24 635 | 1e |
| Thailand | 11 939 770 | 11 361 670 | 11 362 210 | 10 077 510 | 8 820 540 | 1e |
| Trinidad and Tobago | 4 655 220 | 4 122 240 | 3 869 080 | 3 600 510 | 3 652 900 | 1e |
| Tunisia | 2 065 930 | 2 027 230 | 1 859 060 | 1 726 250 | 2 129 640 | 1e |
| Turkey | 2 551 929 | 2 850 828 | 2 984 800 | 3 202 924 | 3 441 659 | 1e |
| Turkmenistan | 10 950 000 | 10 640 000 | 10 420 000 | 9 490 000 | 10 961 000 | 1e |
| Ukraine | 2 169 900 | 2 293 300 | 2 453 600 | 2 430 800 | 2 455 400 | 1e |
| United Arab Emirates | 176 224 330 | 176 686 680 | 180 544 180 | 166 582 740 | 164 380 590 | 1r |
| United Kingdom | 47 049 300 | 51 550 700 | 52 856 200 | 49 361 500 | 41 159 050 | 1e |
| United States | 620 326 500 | 723 628 600 | 809 996 700 | 776 750 100 | 781 654 600 | 1e |
| Uzbekistan | 2 766 600 | 2 890 915 | 2 816 300 | 2 160 400 | 2 098 400 | 1e |
| Venezuela | 114 095 200 | 83 843 240 | 52 057 000 | 32 701 700 | 33 408 500 | 1r |
| Vietnam | 13 557 000 | 11 989 000 | 11 043 000 | 9 650 000 | 9 100 000 | 1e |
| Yemen | 2 626 100 | 3 853 400 | 3 967 300 | 3 588 000 | 3 544 750 | 1p |
| Total | 4 387 148 840 | 4 487 781 435 | 4 486 614 813 | 4 195 820 549 | 4 250 303 021 | |

Oil Sands (part of Petroleum)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Canada | 144 006 100 | 156 864 600 | 158 766 200 | 153 043 300 | 167 022 400 | 1e |
| Venezuela | 25 000 000 | 20 000 000 | 18 000 000 | 14 900 000 | 15 000 000 | 2n |
| Total | 169 006 100 | 176 864 600 | 176 766 200 | 167 943 300 | 182 022 400 | |

Oil Shales

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Austria | 170 | 150 | 100 | 100 | 100 | 2n |
| Bulgaria | | 0 | 39 000 | 44 000 | 56 000 | 1e |
| Estonia | 21 625 000 | 21 883 000 | 15 697 400 | 12 144 400 | 11 743 000 | 1e |
| France | 2 000 | 2 000 | 2 000 | 2 000 | 2 000 | 2n |
| Germany | 481 803 | 494 650 | 487 012 | 471 404 | 442 886 | 1e |
| Israel | 426 000 | 414 580 | 402 882 | 392 990 | 430 840 | 1e |
| Total | 22 534 973 | 22 794 380 | 16 628 394 | 13 054 894 | 12 674 826 | |

Uranium (U₃O₈)

| Country | 2017 metr. t | 2018 metr. t | 2019 metr. t | 2020 metr. t | 2021 metr. t | Rem |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----|
| Australia | 6 736 | 7 737 | 7 726 | 7 273 | 4 474 | 1e |
| Brazil | 0 | 0 | 0 | 20 | 34 | 1e |
| Canada | 14 394 | 8 225 | 8 230 | 4 260 | 5 443 | 1e |
| China | 2 223 | 2 223 | 2 223 | 2 223 | 2 223 | 2d |
| Czech Republic | 66 | 40 | 39 | 34 | 32 | 1a |
| Germany | 40 | 0 | 28 | 8 | 0 | 1e |
| India | 496 | 499 | 363 | 472 | 725 | 2d |
| Kazakhstan | 27 500 | 25 595 | 26 895 | 22 967 | 25 729 | 1e |
| Mongolia | | 0 | 0 | 1 | 4 | 1e |
| Namibia | 4 981 | 6 514 | 6 459 | 6 382 | 6 784 | 1e |
| Niger | 4 066 | 3 433 | 3 516 | 3 527 | 2 691 | 1e |
| Pakistan | 53 | 53 | 53 | 53 | 53 | 2d |
| Russia | 3 440 | 3 424 | 3 433 | 3 356 | 3 107 | 1e |
| South Africa | 304 | 231 | 163 | 131 | 153 | 1e |
| Ukraine | 986 | 1 390 | 944 | 877 | 536 | 1e |
| United States | 1 108 | 657 | 79 | 7 | 9 | 1e |
| Uzbekistan | 4 009 | 4 062 | 4 127 | 4 127 | 4 158 | 1e |
| Total | 70 402 | 64 083 | 64 278 | 55 718 | 56 155 | |

6.5 Share of World Mineral Production 2021, by Countries

6.5.1 Iron and Ferro-Alloy Metals

Iron (Fe-Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|-----------|-----------|--------------------|----------------------------|------------|--------------|-----------|
| 1 | (1) | Australia | 571 113 897 | 34.93 | 34.93 | 1 220.06 |
| 2 | (2) | Brazil | 273 330 125 | 16.72 | 51.65 | 279.45 |
| 3 | (3) | China | 254 900 000 | 15.59 | 67.24 | 243.04 |
| 4 | (4) | India | 156 451 900 | 9.57 | 76.80 | 91.56 |
| 5 | (5) | Russia | 59 375 800 | 3.63 | 80.44 | 13.19 |
| 6 | (6) | Ukraine | 52 431 000 | 3.21 | 83.64 | 10.28 |
| 7 | (7) | South Africa | 47 509 000 | 2.91 | 86.55 | 8.44 |
| 8 | (8) | Canada | 35 070 000 | 2.14 | 88.69 | 4.60 |
| 9 | (9) | Iran | 34 980 000 | 2.14 | 90.83 | 4.58 |
| 10 | (10) | United States | 30 100 000 | 1.84 | 92.67 | 3.39 |
| 11 | (11) | Sweden | 19 964 200 | 1.22 | 93.89 | 1.49 |
| 12 | (12) | Kazakhstan | 15 966 300 | 0.98 | 94.87 | 0.95 |
| 13 | (16) | Peru | 12 149 274 | 0.74 | 95.61 | 0.55 |
| 14 | (15) | Chile | 11 163 294 | 0.68 | 96.30 | 0.47 |
| 15 | (14) | Mexico | 10 800 000 | 0.66 | 96.96 | 0.44 |
| 16 | (13) | Turkey | 9 791 300 | 0.60 | 97.56 | 0.36 |
| 17 | (17) | Mauritania | 8 201 700 | 0.50 | 98.06 | 0.25 |
| 18 | (18) | Mongolia | 5 136 260 | 0.31 | 98.37 | 0.10 |
| 19 | (20) | Indonesia | 3 300 000 | 0.20 | 98.57 | 0.04 |
| 20 | (19) | Malaysia | 3 070 930 | 0.19 | 98.76 | 0.04 |
| 21 | (21) | Liberia | 3 000 000 | 0.18 | 98.94 | 0.03 |
| 22 | (22) | New Zealand | 2 200 000 | 0.13 | 99.08 | 0.02 |
| 23 | (23) | Vietnam | 2 190 900 | 0.13 | 99.21 | 0.02 |
| 24 | (29) | Laos | 2 113 560 | 0.13 | 99.34 | 0.02 |
| 25 | (24) | Korea, North | 1 600 000 | 0.10 | 99.44 | 0.01 |
| 26 | (25) | Venezuela | 1 462 500 | 0.09 | 99.53 | 0.01 |
| 27 | (30) | Guinea | 1 139 200 | 0.07 | 99.60 | 0.00 |
| 28 | (27) | Austria | 1 059 550 | 0.06 | 99.66 | 0.00 |
| 29 | (26) | Norway | 1 057 500 | 0.06 | 99.73 | 0.00 |
| 30 | (**) | Sierra Leone | 950 300 | 0.06 | 99.79 | 0.00 |
| 31 | (28) | Bosnia-Herzegovina | 792 500 | 0.05 | 99.84 | 0.00 |
| 32 | (31) | Algeria | 416 000 | 0.03 | 99.86 | 0.00 |
| 33 | (32) | Colombia | 337 450 | 0.02 | 99.88 | 0.00 |
| 34 | (33) | Korea, South | 323 140 | 0.02 | 99.90 | 0.00 |
| 35 | (36) | Pakistan | 306 160 | 0.02 | 99.92 | 0.00 |
| 36 | (34) | Saudi Arabia | 288 700 | 0.02 | 99.94 | 0.00 |
| 37 | (35) | Egypt | 270 000 | 0.02 | 99.95 | 0.00 |
| 38 | (39) | Thailand | 201 450 | 0.01 | 99.97 | 0.00 |
| 39 | (38) | Tunisia | 143 900 | 0.01 | 99.98 | 0.00 |
| 40 | (37) | Germany | 87 500 | 0.01 | 99.98 | 0.00 |
| 41 | (42) | Namibia | 51 490 | 0.00 | 99.98 | 0.00 |
| 42 | (40) | Fiji | 49 400 | 0.00 | 99.99 | 0.00 |

| | | | | | | |
|-------|------|-------------|---------------|--------|--------|-----------|
| 43 | (43) | Philippines | 46 500 | 0.00 | 99.99 | 0.00 |
| 44 | (45) | Tanzania | 39 100 | 0.00 | 99.99 | 0.00 |
| 45 | (**) | Angola | 37 610 | 0.00 | 99.99 | 0.00 |
| 46 | (**) | Spain | 36 580 | 0.00 | 100.00 | 0.00 |
| 47 | (44) | Bolivia | 17 010 | 0.00 | 100.00 | 0.00 |
| 48 | (47) | Bhutan | 16 590 | 0.00 | 100.00 | 0.00 |
| 49 | (46) | Morocco | 8 870 | 0.00 | 100.00 | 0.00 |
| 50 | (50) | Uruguay | 3 310 | 0.00 | 100.00 | 0.00 |
| 51 | (48) | Malawi | 2 990 | 0.00 | 100.00 | 0.00 |
| 52 | (49) | Nigeria | 1 300 | 0.00 | 100.00 | 0.00 |
| Total | | | 1 635 056 040 | 100.00 | | HHI 1 883 |

Chromium (Cr₂O₃ - Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | South Africa | 7 605 500 | 51.82 | 51.82 | 2 685.52 |
| 2 | (2) | Kazakhstan | 1 901 500 | 12.96 | 64.78 | 167.87 |
| 3 | (3) | India | 1 698 900 | 11.58 | 76.35 | 134.00 |
| 4 | (4) | Turkey | 1 227 900 | 8.37 | 84.72 | 70.00 |
| 5 | (5) | Zimbabwe | 644 400 | 4.39 | 89.11 | 19.28 |
| 6 | (6) | Finland | 472 890 | 3.22 | 92.33 | 10.38 |
| 7 | (7) | Brazil | 248 108 | 1.69 | 94.02 | 2.86 |
| 8 | (8) | Albania | 225 200 | 1.53 | 95.56 | 2.35 |
| 9 | (10) | Oman | 195 540 | 1.33 | 96.89 | 1.78 |
| 10 | (9) | Russia | 167 360 | 1.14 | 98.03 | 1.30 |
| 11 | (11) | Iran | 85 620 | 0.58 | 98.61 | 0.34 |
| 12 | (12) | China | 67 620 | 0.46 | 99.08 | 0.21 |
| 13 | (14) | Pakistan | 56 050 | 0.38 | 99.46 | 0.15 |
| 14 | (13) | Papua New Guinea | 43 430 | 0.30 | 99.75 | 0.09 |
| 15 | (15) | Philippines | 12 290 | 0.08 | 99.84 | 0.01 |
| 16 | (16) | Cuba | 8 500 | 0.06 | 99.90 | 0.00 |
| 17 | (17) | Madagascar | 5 900 | 0.04 | 99.94 | 0.00 |
| 18 | (19) | Afghanistan | 5 300 | 0.04 | 99.97 | 0.00 |
| 19 | (18) | Sudan | 2 700 | 0.02 | 99.99 | 0.00 |
| 20 | (20) | Greece | 800 | 0.01 | 100.00 | 0.00 |
| 21 | (21) | Ethiopia | 700 | 0.00 | 100.00 | 0.00 |
| Total | | | 14 676 208 | 100.00 | | HHI 3 096 |

Cobalt

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Congo, D.R. | 93 011 | 69.17 | 69.17 | 4 783.87 |
| 2 | (2) | Russia | 8 100 | 6.02 | 75.19 | 36.28 |
| 3 | (3) | Australia | 5 228 | 3.89 | 79.08 | 15.11 |
| 4 | (4) | Canada | 3 834 | 2.85 | 81.93 | 8.13 |
| 5 | (5) | Cuba | 3 800 | 2.83 | 84.75 | 7.99 |
| 6 | (6) | Philippines | 3 200 | 2.38 | 87.13 | 5.66 |
| 7 | (7) | Papua New Guinea | 2 955 | 2.20 | 89.33 | 4.83 |
| 8 | (18) | Turkey | 2 400 | 1.78 | 91.12 | 3.19 |

| | | | | | | |
|----|------|---------------|---------|--------|--------|-------|
| 9 | (12) | Indonesia | 2 100 | 1.56 | 92.68 | 2.44 |
| 10 | (9) | China | 2 000 | 1.49 | 94.16 | 2.21 |
| 11 | (15) | Madagascar | 1 986 | 1.48 | 95.64 | 2.18 |
| 12 | (8) | Morocco | 1 796 | 1.34 | 96.98 | 1.78 |
| 13 | (10) | New Caledonia | 1 500 | 1.12 | 98.09 | 1.24 |
| 14 | (11) | Finland | 1 084 | 0.81 | 98.90 | 0.65 |
| 15 | (16) | United States | 650 | 0.48 | 99.38 | 0.23 |
| 16 | (14) | South Africa | 355 | 0.26 | 99.65 | 0.07 |
| 17 | (17) | Zambia | 247 | 0.18 | 99.83 | 0.03 |
| 18 | (13) | Zimbabwe | 230 | 0.17 | 100.00 | 0.03 |
| | | Total | 134 476 | 100.00 | | 4 876 |

Manganese

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | South Africa | 7 098 396 | 33.45 | 33.45 | 1 119.07 |
| 2 | (2) | Gabon | 4 240 100 | 19.98 | 53.43 | 399.29 |
| 3 | (3) | Australia | 3 278 840 | 15.45 | 68.89 | 238.77 |
| 4 | (4) | China | 1 300 000 | 6.13 | 75.01 | 37.53 |
| 5 | (8) | Ghana | 934 200 | 4.40 | 79.42 | 19.38 |
| 6 | (6) | India | 841 600 | 3.97 | 83.38 | 15.73 |
| 7 | (7) | Ukraine | 652 300 | 3.07 | 86.46 | 9.45 |
| 8 | (5) | Brazil | 597 446 | 2.82 | 89.27 | 7.93 |
| 9 | (9) | Cote d'Ivoire | 580 000 | 2.73 | 92.01 | 7.47 |
| 10 | (10) | Malaysia | 280 790 | 1.32 | 93.33 | 1.75 |
| 11 | (14) | Kazakhstan | 252 300 | 1.19 | 94.52 | 1.41 |
| 12 | (11) | Mexico | 220 560 | 1.04 | 95.56 | 1.08 |
| 13 | (13) | Georgia | 217 900 | 1.03 | 96.58 | 1.05 |
| 14 | (12) | Myanmar | 206 100 | 0.97 | 97.56 | 0.94 |
| 15 | (15) | Vietnam | 147 000 | 0.69 | 98.25 | 0.48 |
| 16 | (16) | Iran | 93 940 | 0.44 | 98.69 | 0.20 |
| 17 | (21) | Zambia | 56 860 | 0.27 | 98.96 | 0.07 |
| 18 | (17) | Morocco | 41 250 | 0.19 | 99.15 | 0.04 |
| 19 | (20) | Indonesia | 40 000 | 0.19 | 99.34 | 0.04 |
| 20 | (18) | Turkey | 30 300 | 0.14 | 99.48 | 0.02 |
| 21 | (22) | Kenya | 28 500 | 0.13 | 99.62 | 0.02 |
| 22 | (27) | Nigeria | 22 380 | 0.11 | 99.72 | 0.01 |
| 23 | (19) | Russia | 10 700 | 0.05 | 99.77 | 0.00 |
| 24 | (23) | Namibia | 10 250 | 0.05 | 99.82 | 0.00 |
| 25 | (24) | Peru | 9 073 | 0.04 | 99.87 | 0.00 |
| 26 | (28) | Egypt | 8 000 | 0.04 | 99.90 | 0.00 |
| 27 | (25) | Romania | 6 600 | 0.03 | 99.93 | 0.00 |
| 28 | (29) | Bolivia | 5 100 | 0.02 | 99.96 | 0.00 |
| 29 | (26) | Senegal | 4 040 | 0.02 | 99.98 | 0.00 |
| 30 | (30) | Oman | 3 760 | 0.02 | 100.00 | 0.00 |
| 31 | (31) | Congo, D.R. | 1 000 | 0.00 | 100.00 | 0.00 |
| 32 | (33) | Pakistan | 50 | 0.00 | 100.00 | 0.00 |
| | | Total | 21 219 335 | 100.00 | | HHI 1 862 |

Molybdenum

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 102 600 | 38.32 | 38.32 | 1 468.66 |
| 2 | (2) | Chile | 49 427 | 18.46 | 56.78 | 340.84 |
| 3 | (3) | United States | 41 100 | 15.35 | 72.14 | 235.67 |
| 4 | (4) | Peru | 34 148 | 12.75 | 84.89 | 162.69 |
| 5 | (5) | Mexico | 16 319 | 6.10 | 90.99 | 37.15 |
| 6 | (6) | Armenia | 10 611 | 3.96 | 94.95 | 15.71 |
| 7 | (8) | Iran | 4 150 | 1.55 | 96.50 | 2.40 |
| 8 | (9) | Mongolia | 2 975 | 1.11 | 97.61 | 1.23 |
| 9 | (7) | Canada | 2 023 | 0.76 | 98.37 | 0.57 |
| 10 | (10) | Russia | 1 700 | 0.63 | 99.00 | 0.40 |
| 11 | (11) | Uzbekistan | 1 282 | 0.48 | 99.48 | 0.23 |
| 12 | (13) | Kazakhstan | 880 | 0.33 | 99.81 | 0.11 |
| 13 | (12) | Korea, South | 408 | 0.15 | 99.96 | 0.02 |
| 14 | (14) | Korea, North | 100 | 0.04 | 100.00 | 0.00 |
| 15 | (15) | Norway | 1 | 0.00 | 100.00 | 0.00 |
| | | Total | 267 724 | 100.00 | | HHI 2 266 |

Nickel

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Indonesia | 1 173 200 | 41.72 | 41.72 | 1 740.35 |
| 2 | (2) | Philippines | 386 359 | 13.74 | 55.46 | 188.74 |
| 3 | (3) | Russia | 192 000 | 6.83 | 62.28 | 46.61 |
| 4 | (4) | New Caledonia | 186 284 | 6.62 | 68.91 | 43.88 |
| 5 | (5) | Australia | 150 876 | 5.36 | 74.27 | 28.78 |
| 6 | (6) | Canada | 133 581 | 4.75 | 79.02 | 22.56 |
| 7 | (7) | China | 104 600 | 3.72 | 82.74 | 13.83 |
| 8 | (8) | Brazil | 75 988 | 2.70 | 85.44 | 7.30 |
| 9 | (9) | Guatemala | 59 100 | 2.10 | 87.55 | 4.42 |
| 10 | (10) | Cuba | 45 000 | 1.60 | 89.15 | 2.56 |
| 11 | (11) | Finland | 42 163 | 1.50 | 90.64 | 2.25 |
| 12 | (12) | Colombia | 38 301 | 1.36 | 92.01 | 1.85 |
| 13 | (13) | South Africa | 31 846 | 1.13 | 93.14 | 1.28 |
| 14 | (14) | Papua New Guinea | 31 594 | 1.12 | 94.26 | 1.26 |
| 15 | (15) | Dominican Republic | 27 819 | 0.99 | 95.25 | 0.98 |
| 16 | (21) | Madagascar | 27 710 | 0.99 | 96.24 | 0.97 |
| 17 | (17) | Cote d'Ivoire | 22 500 | 0.80 | 97.04 | 0.64 |
| 18 | (19) | United States | 18 400 | 0.65 | 97.69 | 0.43 |
| 19 | (16) | Myanmar | 18 100 | 0.64 | 98.33 | 0.41 |
| 20 | (20) | Zimbabwe | 16 213 | 0.58 | 98.91 | 0.33 |
| 21 | (18) | Turkey | 11 650 | 0.41 | 99.33 | 0.17 |
| 22 | (22) | Greece | 5 370 | 0.19 | 99.52 | 0.04 |
| 23 | (23) | Kosovo | 4 960 | 0.18 | 99.69 | 0.03 |

| | | | | | | |
|-------|------|---------|-----------|--------|--------|-----------|
| 24 | (24) | Albania | 3 720 | 0.13 | 99.83 | 0.02 |
| 25 | (25) | Zambia | 3 680 | 0.13 | 99.96 | 0.02 |
| 26 | (26) | Poland | 740 | 0.03 | 99.98 | 0.00 |
| 27 | (28) | Norway | 350 | 0.01 | 99.99 | 0.00 |
| 28 | (27) | Morocco | 147 | 0.01 | 100.00 | 0.00 |
| Total | | | 2 812 251 | 100.00 | | HHI 2 110 |

Niobium (Nb₂O₅-Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|-------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Brazil | 112 755 | 92.50 | 92.50 | 8 555.59 |
| 2 | (2) | Canada | 7 650 | 6.28 | 98.77 | 39.38 |
| 3 | (3) | Russia | 648 | 0.53 | 99.30 | 0.28 |
| 4 | (4) | Congo, D.R. | 475 | 0.39 | 99.69 | 0.15 |
| 5 | (5) | Rwanda | 160 | 0.13 | 99.82 | 0.02 |
| 6 | (6) | Nigeria | 140 | 0.11 | 99.94 | 0.01 |
| 7 | (8) | China | 30 | 0.02 | 99.96 | 0.00 |
| 8 | (10) | Ethiopia | 18 | 0.01 | 99.98 | 0.00 |
| 9 | (9) | Mozambique | 14 | 0.01 | 99.99 | 0.00 |
| 10 | (11) | Burundi | 10 | 0.01 | 100.00 | 0.00 |
| 11 | (7) | Uganda | 2 | 0.00 | 100.00 | 0.00 |
| Total | | | 121 902 | 100.00 | | HHI 8 595 |

Tantalum (Ta₂O₅-Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Congo, D.R. | 505 | 28.69 | 28.69 | 823.30 |
| 2 | (2) | Brazil | 350 | 19.89 | 48.58 | 395.47 |
| 3 | (3) | Rwanda | 245 | 13.92 | 62.50 | 193.78 |
| 4 | (4) | China | 180 | 10.23 | 72.73 | 104.60 |
| 5 | (6) | Nigeria | 160 | 9.09 | 81.82 | 82.64 |
| 6 | (5) | Mozambique | 75 | 4.26 | 86.08 | 18.16 |
| 7 | (8) | Australia | 70 | 3.98 | 90.06 | 15.82 |
| 8 | (9) | Ethiopia | 64 | 3.64 | 93.69 | 13.22 |
| 9 | (7) | Russia | 39 | 2.22 | 95.91 | 4.91 |
| 10 | (10) | Sierra Leone | 36 | 2.05 | 97.95 | 4.18 |
| 11 | (11) | Spain | 19 | 1.08 | 99.03 | 1.17 |
| 12 | (13) | Burundi | 15 | 0.85 | 99.89 | 0.73 |
| 13 | (12) | Bolivia | 1 | 0.06 | 99.94 | 0.00 |
| 14 | (14) | Malaysia | 1 | 0.06 | 100.00 | 0.00 |
| Total | | | 1 760 | 100.00 | | HHI 1 658 |

Titanium (TiO₂-Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 2 856 650 | 33.63 | 33.63 | 1 131.26 |
| 2 | (3) | Mozambique | 1 126 800 | 13.27 | 46.90 | 176.01 |
| 3 | (2) | South Africa | 900 000 | 10.60 | 57.50 | 112.29 |
| 4 | (4) | Australia | 624 100 | 7.35 | 64.85 | 54.00 |
| 5 | (5) | Ukraine | 489 200 | 5.76 | 70.61 | 33.18 |
| 6 | (6) | Canada | 440 000 | 5.18 | 75.79 | 26.84 |
| 7 | (8) | Madagascar | 324 800 | 3.82 | 79.61 | 14.62 |
| 8 | (7) | Senegal | 310 310 | 3.65 | 83.26 | 13.35 |
| 9 | (10) | Norway | 295 610 | 3.48 | 86.74 | 12.11 |
| 10 | (9) | Kenya | 254 210 | 2.99 | 89.74 | 8.96 |
| 11 | (12) | Korea, South | 177 420 | 2.09 | 91.83 | 4.36 |
| 12 | (11) | India | 176 000 | 2.07 | 93.90 | 4.29 |
| 13 | (14) | Sierra Leone | 135 400 | 1.59 | 95.49 | 2.54 |
| 14 | (13) | Vietnam | 127 070 | 1.50 | 96.99 | 2.24 |
| 15 | (15) | United States | 100 000 | 1.18 | 98.17 | 1.39 |
| 16 | (16) | Brazil | 75 100 | 0.88 | 99.05 | 0.78 |
| 17 | (18) | Sri Lanka | 28 775 | 0.34 | 99.39 | 0.11 |
| 18 | (17) | Kazakhstan | 20 000 | 0.24 | 99.63 | 0.06 |
| 19 | (20) | Malaysia | 13 470 | 0.16 | 99.78 | 0.03 |
| 20 | (19) | Turkey | 7 080 | 0.08 | 99.87 | 0.01 |
| 21 | (21) | Iran | 6 860 | 0.08 | 99.95 | 0.01 |
| 22 | (22) | Russia | 4 400 | 0.05 | 100.00 | 0.00 |
| 23 | (23) | Thailand | 36 | 0.00 | 100.00 | 0.00 |
| | | Total | 8 493 291 | 100.00 | | HHI 1 598 |

Tungsten (W-Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 68 660 | 77.55 | 77.55 | 6 013.92 |
| 2 | (2) | Vietnam | 11 735 | 13.25 | 90.80 | 175.68 |
| 3 | (3) | Russia | 1 900 | 2.15 | 92.95 | 4.61 |
| 4 | (4) | Bolivia | 1 563 | 1.77 | 94.72 | 3.12 |
| 5 | (5) | Rwanda | 1 545 | 1.75 | 96.46 | 3.05 |
| 6 | (6) | Austria | 919 | 1.04 | 97.50 | 1.08 |
| 7 | (10) | Spain | 642 | 0.73 | 98.22 | 0.53 |
| 8 | (7) | Portugal | 542 | 0.61 | 98.84 | 0.37 |
| 9 | (9) | Brazil | 301 | 0.34 | 99.18 | 0.12 |
| 10 | (13) | Australia | 160 | 0.18 | 99.36 | 0.03 |
| 11 | (11) | Burundi | 120 | 0.14 | 99.49 | 0.02 |
| 12 | (16) | Mongolia | 120 | 0.14 | 99.63 | 0.02 |
| 13 | (12) | Congo, D.R. | 114 | 0.13 | 99.76 | 0.02 |
| 14 | (15) | Thailand | 58 | 0.07 | 99.82 | 0.00 |
| 15 | (8) | Korea, North | 50 | 0.06 | 99.88 | 0.00 |
| 16 | (14) | Myanmar | 40 | 0.05 | 99.92 | 0.00 |

| | | | | | | |
|-------|------|------------|--------|--------|--------|-----------|
| 17 | (19) | Uzbekistan | 25 | 0.03 | 99.95 | 0.00 |
| 18 | (20) | Nigeria | 24 | 0.03 | 99.98 | 0.00 |
| 19 | (**) | Uganda | 11 | 0.01 | 99.99 | 0.00 |
| 20 | (18) | Zimbabwe | 8 | 0.01 | 100.00 | 0.00 |
| Total | | | 88 537 | 100.00 | | HHI 6 203 |

Vanadium (V-Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 63 800 | 63.82 | 63.82 | 4 072.96 |
| 2 | (2) | Russia | 20 058 | 20.06 | 83.88 | 402.57 |
| 3 | (3) | South Africa | 8 799 | 8.80 | 92.69 | 77.47 |
| 4 | (4) | Brazil | 7 212 | 7.21 | 99.90 | 52.05 |
| 5 | (5) | India | 100 | 0.10 | 100.00 | 0.01 |
| Total | | | 99 969 | 100.00 | | HHI 4 605 |

6.5.2 Non-Ferrous Metals

Aluminium

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 38 503 200 | 56.90 | 56.90 | 3 237.55 |
| 2 | (3) | India | 4 012 000 | 5.93 | 62.83 | 35.15 |
| 3 | (2) | Russia | 3 931 000 | 5.81 | 68.64 | 33.75 |
| 4 | (4) | Canada | 3 136 704 | 4.64 | 73.27 | 21.49 |
| 5 | (5) | United Arab Emirates | 2 577 680 | 3.81 | 77.08 | 14.51 |
| 6 | (7) | Bahrain | 1 561 222 | 2.31 | 79.39 | 5.32 |
| 7 | (6) | Australia | 1 558 529 | 2.30 | 81.69 | 5.30 |
| 8 | (8) | Norway | 1 431 000 | 2.11 | 83.81 | 4.47 |
| 9 | (11) | Saudi Arabia | 998 915 | 1.48 | 85.28 | 2.18 |
| 10 | (9) | United States | 907 846 | 1.34 | 86.62 | 1.80 |
| 11 | (10) | Malaysia | 901 000 | 1.33 | 87.96 | 1.77 |
| 12 | (14) | Brazil | 771 700 | 1.14 | 89.10 | 1.30 |
| 13 | (12) | South Africa | 714 000 | 1.06 | 90.15 | 1.11 |
| 14 | (13) | Iceland | 695 857 | 1.03 | 91.18 | 1.06 |
| 15 | (15) | Qatar | 634 270 | 0.94 | 92.12 | 0.88 |
| 16 | (16) | Mozambique | 564 756 | 0.83 | 92.95 | 0.70 |
| 17 | (18) | Iran | 543 715 | 0.80 | 93.76 | 0.65 |
| 18 | (17) | Germany | 509 193 | 0.75 | 94.51 | 0.57 |
| 19 | (19) | France | 430 000 | 0.64 | 95.14 | 0.40 |
| 20 | (20) | Oman | 395 360 | 0.58 | 95.73 | 0.34 |
| 21 | (22) | Argentina | 338 239 | 0.50 | 96.23 | 0.25 |
| 22 | (21) | New Zealand | 333 135 | 0.49 | 96.72 | 0.24 |
| 23 | (23) | Romania | 293 399 | 0.43 | 97.15 | 0.19 |
| 24 | (24) | Egypt | 270 000 | 0.40 | 97.55 | 0.16 |
| 25 | (25) | Kazakhstan | 262 361 | 0.39 | 97.94 | 0.15 |

| | | | | | | |
|----|------|--------------------|------------|--------|--------|-----------|
| 26 | (26) | Indonesia | 200 577 | 0.30 | 98.24 | 0.09 |
| 27 | (27) | Spain | 190 000 | 0.28 | 98.52 | 0.08 |
| 28 | (28) | Greece | 169 775 | 0.25 | 98.77 | 0.06 |
| 29 | (29) | Slovakia | 163 995 | 0.24 | 99.01 | 0.06 |
| 30 | (30) | Sweden | 124 000 | 0.18 | 99.19 | 0.03 |
| 31 | (**) | Bosnia-Herzegovina | 90 037 | 0.13 | 99.33 | 0.02 |
| 32 | (32) | Turkey | 82 000 | 0.12 | 99.45 | 0.01 |
| 33 | (31) | Tajikistan | 61 000 | 0.09 | 99.54 | 0.01 |
| 34 | (33) | Netherlands | 46 700 | 0.07 | 99.61 | 0.00 |
| 35 | (37) | Montenegro | 45 214 | 0.07 | 99.67 | 0.00 |
| 36 | (36) | Ghana | 39 239 | 0.06 | 99.73 | 0.00 |
| 37 | (40) | Venezuela | 38 340 | 0.06 | 99.79 | 0.00 |
| 38 | (34) | Slovenia | 37 867 | 0.06 | 99.84 | 0.00 |
| 39 | (38) | United Kingdom | 37 600 | 0.06 | 99.90 | 0.00 |
| 40 | (35) | Cameroon | 36 400 | 0.05 | 99.95 | 0.00 |
| 41 | (39) | Azerbaijan | 31 000 | 0.05 | 100.00 | 0.00 |
| | | Total | 67 668 825 | 100.00 | | HHI 3 372 |

Antimony

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 41 480 | 44.13 | 44.13 | 1 947.37 |
| 2 | (2) | Tajikistan | 26 150 | 27.82 | 71.95 | 773.95 |
| 3 | (3) | Russia | 9 750 | 10.37 | 82.32 | 107.59 |
| 4 | (7) | Turkey | 4 210 | 4.48 | 86.80 | 20.06 |
| 5 | (5) | Australia | 3 380 | 3.60 | 90.40 | 12.93 |
| 6 | (6) | Bolivia | 3 084 | 3.28 | 93.68 | 10.76 |
| 7 | (4) | Myanmar | 2 870 | 3.05 | 96.73 | 9.32 |
| 8 | (8) | Iran | 1 960 | 2.09 | 98.82 | 4.35 |
| 9 | (10) | Mexico | 413 | 0.44 | 99.26 | 0.19 |
| 10 | (9) | Vietnam | 305 | 0.32 | 99.58 | 0.11 |
| 11 | (**) | Laos | 240 | 0.26 | 99.84 | 0.07 |
| 12 | (14) | Honduras | 120 | 0.13 | 99.96 | 0.02 |
| 13 | (13) | Pakistan | 33 | 0.04 | 100.00 | 0.00 |
| 14 | (15) | Canada | 2 | 0.00 | 100.00 | 0.00 |
| | | Total | 93 997 | 100.00 | | HHI 2 887 |

Arsenic

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 24 000 | 43.72 | 43.72 | 1 911.42 |
| 2 | (2) | Peru | 21 872 | 39.84 | 83.56 | 1 587.49 |
| 3 | (3) | Morocco | 6 883 | 12.54 | 96.10 | 157.21 |
| 4 | (5) | Russia | 1 000 | 1.82 | 97.92 | 3.32 |
| 5 | (4) | Belgium | 1 000 | 1.82 | 99.74 | 3.32 |
| 6 | (6) | Bolivia | 100 | 0.18 | 99.93 | 0.03 |
| 7 | (7) | Japan | 40 | 0.07 | 100.00 | 0.01 |
| | | Total | 54 895 | 100.00 | | HHI 3 663 |

Bauxite (crude ore)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Australia | 103 266 404 | 27.19 | 27.19 | 739.08 |
| 2 | (2) | Guinea | 87 438 557 | 23.02 | 50.21 | 529.88 |
| 3 | (3) | China | 68 400 000 | 18.01 | 68.21 | 324.25 |
| 4 | (4) | Brazil | 35 949 600 | 9.46 | 77.68 | 89.57 |
| 5 | (5) | Indonesia | 25 781 187 | 6.79 | 84.46 | 46.07 |
| 6 | (6) | India | 22 493 947 | 5.92 | 90.39 | 35.07 |
| 7 | (8) | Russia | 6 565 000 | 1.73 | 92.11 | 2.99 |
| 8 | (7) | Jamaica | 5 949 600 | 1.57 | 93.68 | 2.45 |
| 9 | (9) | Saudi Arabia | 5 488 000 | 1.44 | 95.12 | 2.09 |
| 10 | (10) | Kazakhstan | 4 370 100 | 1.15 | 96.28 | 1.32 |
| 11 | (11) | Vietnam | 4 100 000 | 1.08 | 97.35 | 1.17 |
| 12 | (12) | Turkey | 2 764 873 | 0.73 | 98.08 | 0.53 |
| 13 | (14) | Sierra Leone | 1 396 678 | 0.37 | 98.45 | 0.14 |
| 14 | (13) | Greece | 1 227 498 | 0.32 | 98.77 | 0.10 |
| 15 | (16) | Iran | 883 950 | 0.23 | 99.01 | 0.05 |
| 16 | (15) | Ghana | 839 465 | 0.22 | 99.23 | 0.05 |
| 17 | (22) | Cote d'Ivoire | 700 000 | 0.18 | 99.41 | 0.03 |
| 18 | (19) | Bosnia-Herzegovina | 675 269 | 0.18 | 99.59 | 0.03 |
| 19 | (20) | Guyana | 618 552 | 0.16 | 99.75 | 0.03 |
| 20 | (18) | Montenegro | 526 760 | 0.14 | 99.89 | 0.02 |
| 21 | (23) | France | 142 764 | 0.04 | 99.93 | 0.00 |
| 22 | (24) | Pakistan | 97 495 | 0.03 | 99.95 | 0.00 |
| 23 | (28) | Dominican Republic | 80 058 | 0.02 | 99.97 | 0.00 |
| 24 | (21) | Malaysia | 47 577 | 0.01 | 99.99 | 0.00 |
| 25 | (**) | Venezuela | 22 000 | 0.01 | 99.99 | 0.00 |
| 26 | (26) | Croatia | 14 448 | 0.00 | 100.00 | 0.00 |
| 27 | (29) | Mozambique | 7 852 | 0.00 | 100.00 | 0.00 |
| 28 | (27) | Colombia | 3 200 | 0.00 | 100.00 | 0.00 |
| 29 | (30) | Tanzania | 38 | 0.00 | 100.00 | 0.00 |
| | | Total | 379 850 872 | 100.00 | | HHI 1 775 |

Beryllium (concentrates)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | United States | 4 380 | 65.22 | 65.22 | 4 253.31 |
| 2 | (2) | China | 1 750 | 26.06 | 91.27 | 678.98 |
| 3 | (4) | Mozambique | 330 | 4.91 | 96.19 | 24.14 |
| 4 | (3) | Uganda | 190 | 2.83 | 99.02 | 8.00 |
| 5 | (5) | Madagascar | 30 | 0.45 | 99.46 | 0.20 |
| 6 | (6) | Rwanda | 20 | 0.30 | 99.76 | 0.09 |
| 7 | (7) | Brazil | 10 | 0.15 | 99.91 | 0.02 |
| 8 | (8) | Zambia | 6 | 0.09 | 100.00 | 0.01 |
| | | Total | 6 716 | 100.00 | | HHI 4 965 |

Bismuth

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 8 000 | 71.79 | 71.79 | 5 154.37 |
| 2 | (2) | Vietnam | 2 067 | 18.55 | 90.34 | 344.09 |
| 3 | (3) | Japan | 500 | 4.49 | 94.83 | 20.13 |
| 4 | (4) | Kazakhstan | 250 | 2.24 | 97.07 | 5.03 |
| 5 | (5) | Peru | 248 | 2.23 | 99.30 | 4.95 |
| 6 | (7) | Russia | 45 | 0.40 | 99.70 | 0.16 |
| 7 | (6) | Bolivia | 27 | 0.24 | 99.95 | 0.06 |
| 8 | (8) | Canada | 4 | 0.04 | 99.98 | 0.00 |
| 9 | (9) | Uzbekistan | 2 | 0.02 | 100.00 | 0.00 |
| | | Total | 11 143 | 100.00 | | HHI 5 529 |

Cadmium

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 10 000 | 40.37 | 40.37 | 1 629.85 |
| 2 | (2) | Korea, South | 4 000 | 16.15 | 56.52 | 260.78 |
| 3 | (3) | Japan | 1 900 | 7.67 | 64.19 | 58.84 |
| 4 | (4) | Canada | 1 800 | 7.27 | 71.46 | 52.81 |
| 5 | (5) | Kazakhstan | 1 500 | 6.06 | 77.51 | 36.67 |
| 6 | (7) | Mexico | 1 051 | 4.24 | 81.76 | 18.00 |
| 7 | (6) | Russia | 1 000 | 4.04 | 85.79 | 16.30 |
| 8 | (8) | Netherlands | 854 | 3.45 | 89.24 | 11.89 |
| 9 | (11) | Uzbekistan | 470 | 1.90 | 91.14 | 3.60 |
| 10 | (9) | Germany | 450 | 1.82 | 92.96 | 3.30 |
| 11 | (12) | Norway | 390 | 1.57 | 94.53 | 2.48 |
| 12 | (13) | Bulgaria | 343 | 1.38 | 95.91 | 1.92 |
| 13 | (17) | Poland | 292 | 1.18 | 97.09 | 1.39 |
| 14 | (10) | Peru | 279 | 1.13 | 98.22 | 1.27 |
| 15 | (14) | United States | 241 | 0.97 | 99.19 | 0.95 |
| 16 | (15) | Korea, North | 150 | 0.61 | 99.80 | 0.37 |
| 17 | (16) | Brazil | 50 | 0.20 | 100.00 | 0.04 |
| | | Total | 24 770 | 100.00 | | HHI 2 100 |

Copper

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Chile | 5 624 900 | 26.27 | 26.27 | 689.89 |
| 2 | (2) | Peru | 2 299 277 | 10.74 | 37.00 | 115.27 |
| 3 | (4) | Congo, D.R. | 1 924 374 | 8.99 | 45.99 | 80.75 |
| 4 | (3) | China | 1 901 000 | 8.88 | 54.87 | 78.80 |
| 5 | (5) | United States | 1 230 000 | 5.74 | 60.61 | 32.99 |
| 6 | (6) | Russia | 934 000 | 4.36 | 64.97 | 19.02 |
| 7 | (7) | Zambia | 827 107 | 3.86 | 68.83 | 14.92 |

| | | | | | | |
|----|------|--------------------|------------|--------|--------|-----------|
| 8 | (8) | Australia | 795 955 | 3.72 | 72.55 | 13.81 |
| 9 | (9) | Mexico | 734 137 | 3.43 | 75.98 | 11.75 |
| 10 | (12) | Indonesia | 731 060 | 3.41 | 79.39 | 11.65 |
| 11 | (10) | Canada | 541 648 | 2.53 | 81.92 | 6.40 |
| 12 | (11) | Kazakhstan | 511 940 | 2.39 | 84.31 | 5.71 |
| 13 | (13) | Poland | 391 300 | 1.83 | 86.14 | 3.34 |
| 14 | (14) | Brazil | 335 761 | 1.57 | 87.71 | 2.46 |
| 15 | (17) | Panama | 331 000 | 1.55 | 89.25 | 2.39 |
| 16 | (15) | Iran | 313 612 | 1.46 | 90.72 | 2.14 |
| 17 | (16) | Mongolia | 303 030 | 1.42 | 92.13 | 2.00 |
| 18 | (18) | Myanmar | 200 360 | 0.94 | 93.07 | 0.88 |
| 19 | (20) | Uzbekistan | 148 500 | 0.69 | 93.76 | 0.48 |
| 20 | (19) | Spain | 138 060 | 0.64 | 94.40 | 0.42 |
| 21 | (29) | Serbia | 121 150 | 0.57 | 94.97 | 0.32 |
| 22 | (22) | Turkey | 108 100 | 0.50 | 95.47 | 0.25 |
| 23 | (21) | Bulgaria | 104 020 | 0.49 | 95.96 | 0.24 |
| 24 | (30) | Ecuador | 89 170 | 0.42 | 96.38 | 0.17 |
| 25 | (23) | Sweden | 88 108 | 0.41 | 96.79 | 0.17 |
| 26 | (25) | Armenia | 79 970 | 0.37 | 97.16 | 0.14 |
| 27 | (27) | Saudi Arabia | 75 180 | 0.35 | 97.51 | 0.12 |
| 28 | (26) | Papua New Guinea | 66 531 | 0.31 | 97.82 | 0.10 |
| 29 | (28) | Philippines | 51 586 | 0.24 | 98.06 | 0.06 |
| 30 | (33) | Morocco | 50 340 | 0.24 | 98.30 | 0.06 |
| 31 | (32) | Portugal | 39 443 | 0.18 | 98.48 | 0.03 |
| 32 | (24) | Laos | 38 349 | 0.18 | 98.66 | 0.03 |
| 33 | (34) | Vietnam | 33 580 | 0.16 | 98.82 | 0.02 |
| 34 | (31) | Finland | 32 384 | 0.15 | 98.97 | 0.02 |
| 35 | (35) | South Africa | 28 307 | 0.13 | 99.10 | 0.02 |
| 36 | (37) | India | 26 580 | 0.12 | 99.23 | 0.02 |
| 37 | (38) | Eritrea | 20 224 | 0.09 | 99.32 | 0.01 |
| 38 | (36) | Mauritania | 18 846 | 0.09 | 99.41 | 0.01 |
| 39 | (40) | Pakistan | 18 806 | 0.09 | 99.50 | 0.01 |
| 40 | (**) | Botswana | 11 742 | 0.05 | 99.55 | 0.00 |
| 41 | (41) | Tanzania | 11 520 | 0.05 | 99.61 | 0.00 |
| 42 | (42) | Congo, Rep. | 10 300 | 0.05 | 99.65 | 0.00 |
| 43 | (44) | Romania | 9 240 | 0.04 | 99.70 | 0.00 |
| 44 | (43) | Colombia | 9 194 | 0.04 | 99.74 | 0.00 |
| 45 | (46) | Zimbabwe | 8 650 | 0.04 | 99.78 | 0.00 |
| 46 | (45) | Georgia | 8 130 | 0.04 | 99.82 | 0.00 |
| 47 | (48) | Kyrgyzstan | 8 100 | 0.04 | 99.86 | 0.00 |
| 48 | (47) | North Macedonia | 6 810 | 0.03 | 99.89 | 0.00 |
| 49 | (49) | Albania | 5 690 | 0.03 | 99.91 | 0.00 |
| 50 | (52) | Dominican Republic | 4 774 | 0.02 | 99.94 | 0.00 |
| 51 | (54) | Tajikistan | 4 480 | 0.02 | 99.96 | 0.00 |
| 52 | (50) | Bolivia | 3 310 | 0.02 | 99.97 | 0.00 |
| 53 | (51) | Azerbaijan | 2 649 | 0.01 | 99.99 | 0.00 |
| 54 | (53) | Korea, North | 2 000 | 0.01 | 99.99 | 0.00 |
| 55 | (39) | Namibia | 950 | 0.00 | 100.00 | 0.00 |
| 56 | (56) | Slovakia | 76 | 0.00 | 100.00 | 0.00 |
| 57 | (55) | Germany | 60 | 0.00 | 100.00 | 0.00 |
| | | Total | 21 415 370 | 100.00 | | HHI 1 097 |

Gallium

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 420 | 96.77 | 96.77 | 9 365.24 |
| 2 | (2) | Russia | 5 | 1.15 | 97.93 | 1.33 |
| 3 | (3) | Ukraine | 4 | 0.92 | 98.85 | 0.85 |
| 4 | (4) | Japan | 3 | 0.69 | 99.54 | 0.48 |
| 5 | (5) | Korea, South | 2 | 0.46 | 100.00 | 0.21 |
| | | Total | 434 | 100.00 | | HHI 9 368 |

Germanium

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 132 | 92.96 | 92.96 | 8 641.14 |
| 2 | (2) | Russia | 5 | 3.52 | 96.48 | 12.40 |
| 3 | (3) | Japan | 2 | 1.41 | 97.89 | 1.98 |
| 4 | (4) | United States | 2 | 1.41 | 99.30 | 1.98 |
| 5 | (5) | Ukraine | 1 | 0.70 | 100.00 | 0.50 |
| | | Total | 142 | 100.00 | | HHI 8 658 |

Indium

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 540 | 58.89 | 58.89 | 3 467.76 |
| 2 | (2) | Korea, South | 190 | 20.72 | 79.61 | 429.31 |
| 3 | (3) | Japan | 66 | 7.20 | 86.80 | 51.80 |
| 4 | (4) | Canada | 44 | 4.80 | 91.60 | 23.02 |
| 5 | (5) | France | 40 | 4.36 | 95.97 | 19.03 |
| 6 | (6) | Belgium | 20 | 2.18 | 98.15 | 4.76 |
| 7 | (7) | Russia | 10 | 1.09 | 99.24 | 1.19 |
| 8 | (8) | Peru | 7 | 0.76 | 100.00 | 0.58 |
| | | Total | 917 | 100.00 | | HHI 3 997 |

Lead

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 2 000 000 | 42.73 | 42.73 | 1 825.82 |
| 2 | (2) | Australia | 485 487 | 10.37 | 53.10 | 107.59 |
| 3 | (4) | United States | 286 000 | 6.11 | 59.21 | 37.34 |

| | | | | | | |
|----|------|--------------------|-----------|--------|--------|-----------|
| 4 | (3) | Mexico | 272 231 | 5.82 | 65.03 | 33.83 |
| 5 | (5) | Peru | 264 162 | 5.64 | 70.67 | 31.85 |
| 6 | (6) | India | 211 200 | 4.51 | 75.18 | 20.36 |
| 7 | (7) | Russia | 199 500 | 4.26 | 79.45 | 18.17 |
| 8 | (9) | Turkey | 93 660 | 2.00 | 81.45 | 4.00 |
| 9 | (11) | Bolivia | 92 767 | 1.98 | 83.43 | 3.93 |
| 10 | (8) | Iran | 74 100 | 1.58 | 85.01 | 2.51 |
| 11 | (39) | Canada | 70 156 | 1.50 | 86.51 | 2.25 |
| 12 | (10) | Sweden | 65 404 | 1.40 | 87.91 | 1.95 |
| 13 | (14) | Tajikistan | 49 970 | 1.07 | 88.98 | 1.14 |
| 14 | (24) | Nigeria | 45 500 | 0.97 | 89.95 | 0.94 |
| 15 | (13) | North Macedonia | 42 870 | 0.92 | 90.86 | 0.84 |
| 16 | (15) | Morocco | 31 340 | 0.67 | 91.53 | 0.45 |
| 17 | (19) | South Africa | 31 224 | 0.67 | 92.20 | 0.45 |
| 18 | (26) | Uzbekistan | 30 500 | 0.65 | 92.85 | 0.42 |
| 19 | (17) | Cuba | 30 000 | 0.64 | 93.49 | 0.41 |
| 20 | (16) | Kazakhstan | 29 900 | 0.64 | 94.13 | 0.41 |
| 21 | (18) | Portugal | 29 526 | 0.63 | 94.76 | 0.40 |
| 22 | (12) | Poland | 29 430 | 0.63 | 95.39 | 0.40 |
| 23 | (21) | Korea, North | 25 000 | 0.53 | 95.93 | 0.29 |
| 24 | (23) | Bulgaria | 21 420 | 0.46 | 96.38 | 0.21 |
| 25 | (22) | Argentina | 17 098 | 0.37 | 96.75 | 0.13 |
| 26 | (25) | Greece | 16 773 | 0.36 | 97.11 | 0.13 |
| 27 | (28) | Vietnam | 16 350 | 0.35 | 97.46 | 0.12 |
| 28 | (29) | Honduras | 14 000 | 0.30 | 97.76 | 0.09 |
| 29 | (27) | Ireland | 13 192 | 0.28 | 98.04 | 0.08 |
| 30 | (20) | Myanmar | 12 900 | 0.28 | 98.31 | 0.08 |
| 31 | (31) | Spain | 10 880 | 0.23 | 98.55 | 0.05 |
| 32 | (32) | Namibia | 10 130 | 0.22 | 98.76 | 0.05 |
| 33 | (30) | Mongolia | 9 700 | 0.21 | 98.97 | 0.04 |
| 34 | (34) | Pakistan | 7 277 | 0.16 | 99.13 | 0.02 |
| 35 | (35) | Indonesia | 6 735 | 0.14 | 99.27 | 0.02 |
| 36 | (33) | Serbia | 6 330 | 0.14 | 99.40 | 0.02 |
| 37 | (36) | Bosnia-Herzegovina | 6 310 | 0.13 | 99.54 | 0.02 |
| 38 | (37) | Brazil | 6 307 | 0.13 | 99.67 | 0.02 |
| 39 | (40) | Nepal | 5 550 | 0.12 | 99.79 | 0.01 |
| 40 | (38) | Kosovo | 5 250 | 0.11 | 99.90 | 0.01 |
| 41 | (41) | Korea, South | 1 530 | 0.03 | 99.94 | 0.00 |
| 42 | (42) | Finland | 1 494 | 0.03 | 99.97 | 0.00 |
| 43 | (45) | Romania | 690 | 0.01 | 99.98 | 0.00 |
| 44 | (43) | Chile | 382 | 0.01 | 99.99 | 0.00 |
| 45 | (48) | Laos | 170 | 0.00 | 100.00 | 0.00 |
| 46 | (46) | Slovakia | 101 | 0.00 | 100.00 | 0.00 |
| 47 | (47) | United Kingdom | 100 | 0.00 | 100.00 | 0.00 |
| | | Total | 4 680 596 | 100.00 | | HHI 2 097 |

Lithium (Li₂O-Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Australia | 113 600 | 48.85 | 48.85 | 2 386.70 |
| 2 | (2) | Chile | 65 060 | 27.98 | 76.83 | 782.83 |
| 3 | (3) | China | 30 500 | 13.12 | 89.95 | 172.04 |
| 4 | (4) | Argentina | 12 870 | 5.53 | 95.48 | 30.63 |
| 5 | (5) | Brazil | 5 670 | 2.44 | 97.92 | 5.95 |
| 6 | (6) | United States | 2 505 | 1.08 | 99.00 | 1.16 |
| 7 | (7) | Zimbabwe | 1 670 | 0.72 | 99.72 | 0.52 |

| | | | | | | |
|----|------|----------|---------|--------|--------|-----------|
| 8 | (9) | Bolivia | 410 | 0.18 | 99.89 | 0.03 |
| 9 | (8) | Portugal | 225 | 0.10 | 99.99 | 0.01 |
| 10 | (**) | Nigeria | 20 | 0.01 | 100.00 | 0.00 |
| | | Total | 232 530 | 100.00 | | HHI 3 380 |

Mercury

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 1 400 | 84.49 | 84.49 | 7 138.57 |
| 2 | (2) | Tajikistan | 160 | 9.66 | 94.15 | 93.24 |
| 3 | (3) | Mexico | 40 | 2.41 | 96.56 | 5.83 |
| 4 | (4) | Russia | 30 | 1.81 | 98.37 | 3.28 |
| 5 | (6) | United States | 15 | 0.91 | 99.28 | 0.82 |
| 6 | (5) | Kyrgyzstan | 10 | 0.60 | 99.88 | 0.36 |
| 7 | (7) | Morocco | 2 | 0.12 | 100.00 | 0.01 |
| | | Total | 1 657 | 100.00 | | HHI 7 242 |

Rare Earth Minerals (REO-Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 168 000 | 62.41 | 62.41 | 3 894.56 |
| 2 | (2) | United States | 42 413 | 15.76 | 78.16 | 248.22 |
| 3 | (3) | Myanmar | 27 100 | 10.07 | 88.23 | 101.34 |
| 4 | (4) | Australia | 21 970 | 8.16 | 96.39 | 66.60 |
| 5 | (5) | Madagascar | 4 100 | 1.52 | 97.91 | 2.32 |
| 6 | (7) | India | 2 600 | 0.97 | 98.88 | 0.93 |
| 7 | (6) | Russia | 2 276 | 0.85 | 99.72 | 0.71 |
| 8 | (8) | Brazil | 580 | 0.22 | 99.94 | 0.05 |
| 9 | (9) | Burundi | 134 | 0.05 | 99.99 | 0.00 |
| 10 | 10) | Malaysia | 30 | 0.01 | 100.00 | 0.00 |
| | | Total | 269 203 | 100.00 | | HHI 4 315 |

Rhenium

| Rank 2021 | Rank 2020 | Country | Production 2021 kg | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|--------------------------|---------------|-----------------|--------------|
| 1 | (1) | Chile | 18 831 | 44.24 | 44.24 | 1 957.50 |
| 2 | (2) | United States | 9 290 | 21.83 | 66.07 | 476.42 |
| 3 | (3) | Poland | 6 401 | 15.04 | 81.11 | 226.18 |
| 4 | (4) | China | 2 500 | 5.87 | 86.98 | 34.50 |
| 5 | (6) | Uzbekistan | 2 370 | 5.57 | 92.55 | 31.01 |

| | | | | | | |
|---|------|------------|--------|--------|--------|-----------|
| 6 | (5) | Russia | 2 000 | 4.70 | 97.25 | 22.08 |
| 7 | (7) | Kazakhstan | 1 000 | 2.35 | 99.60 | 5.52 |
| 8 | (8) | Armenia | 170 | 0.40 | 100.00 | 0.16 |
| | | Total | 42 562 | 100.00 | | HHI 2 753 |

Selenium

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 1 400 | 37.74 | 37.74 | 1 423.99 |
| 2 | (2) | Japan | 720 | 19.41 | 57.14 | 376.63 |
| 3 | (3) | Germany | 300 | 8.09 | 65.23 | 65.39 |
| 4 | (5) | Russia | 230 | 6.20 | 71.43 | 38.43 |
| 5 | (8) | Philippines | 200 | 5.39 | 76.82 | 29.06 |
| 6 | (4) | Belgium | 200 | 5.39 | 82.21 | 29.06 |
| 7 | (6) | Mexico | 135 | 3.64 | 85.85 | 13.24 |
| 8 | (9) | Finland | 100 | 2.70 | 88.54 | 7.27 |
| 9 | (14) | Uzbekistan | 90 | 2.43 | 90.97 | 5.88 |
| 10 | (12) | United States | 70 | 1.89 | 92.86 | 3.56 |
| 11 | (11) | Sweden | 70 | 1.89 | 94.74 | 3.56 |
| 12 | (10) | Poland | 66 | 1.78 | 96.52 | 3.16 |
| 13 | (7) | Canada | 57 | 1.54 | 98.06 | 2.36 |
| 14 | (13) | Peru | 48 | 1.29 | 99.35 | 1.67 |
| 15 | (15) | India | 20 | 0.54 | 99.89 | 0.29 |
| 16 | (16) | Serbia | 4 | 0.11 | 100.00 | 0.01 |
| | | Total | 3 710 | 100.00 | | HHI 2 004 |

Tellurium

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 530 | 72.21 | 72.21 | 5 213.86 |
| 2 | (2) | Japan | 68 | 9.26 | 81.47 | 85.83 |
| 3 | (3) | Russia | 60 | 8.17 | 89.65 | 66.82 |
| 4 | (4) | Sweden | 41 | 5.59 | 95.23 | 31.20 |
| 5 | (5) | Canada | 25 | 3.41 | 98.64 | 11.60 |
| 6 | (7) | Uzbekistan | 5 | 0.68 | 99.32 | 0.46 |
| 7 | (6) | Bulgaria | 3 | 0.41 | 99.73 | 0.17 |
| 8 | (8) | United States | 2 | 0.27 | 100.00 | 0.07 |
| | | Total | 734 | 100.00 | | HHI 5 410 |

Tin

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|-------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 91 000 | 33.58 | 33.58 | 1 127.30 |
| 2 | (2) | Indonesia | 34 466 | 12.72 | 46.29 | 161.71 |
| 3 | (3) | Myanmar | 33 930 | 12.52 | 58.81 | 156.72 |
| 4 | (4) | Peru | 26 995 | 9.96 | 68.77 | 99.20 |
| 5 | (6) | Bolivia | 19 628 | 7.24 | 76.01 | 52.45 |
| 6 | (7) | Congo, D.R. | 15 750 | 5.81 | 81.82 | 33.77 |
| 7 | (5) | Brazil | 15 517 | 5.73 | 87.55 | 32.78 |
| 8 | (8) | Australia | 8 772 | 3.24 | 90.79 | 10.47 |
| 9 | (10) | Nigeria | 6 890 | 2.54 | 93.33 | 6.46 |
| 10 | (9) | Vietnam | 6 000 | 2.21 | 95.54 | 4.90 |
| 11 | (12) | Russia | 3 317 | 1.22 | 96.76 | 1.50 |
| 12 | (11) | Malaysia | 3 193 | 1.18 | 97.94 | 1.39 |
| 13 | (13) | Rwanda | 2 260 | 0.83 | 98.78 | 0.70 |
| 14 | (**) | Mongolia | 1 160 | 0.43 | 99.20 | 0.18 |
| 15 | (14) | Laos | 890 | 0.33 | 99.53 | 0.11 |
| 16 | (15) | Namibia | 492 | 0.18 | 99.71 | 0.03 |
| 17 | (18) | Spain | 220 | 0.08 | 99.80 | 0.01 |
| 18 | (16) | Thailand | 220 | 0.08 | 99.88 | 0.01 |
| 19 | (20) | Tanzania | 158 | 0.06 | 99.94 | 0.00 |
| 20 | (17) | Burundi | 95 | 0.04 | 99.97 | 0.00 |
| 21 | (19) | Portugal | 60 | 0.02 | 99.99 | 0.00 |
| 22 | (21) | India | 20 | 0.01 | 100.00 | 0.00 |
| | | Total | 271 033 | 100.00 | | HHI 1 690 |

Zinc

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 4 136 000 | 31.99 | 31.99 | 1 023.41 |
| 2 | (2) | Peru | 1 532 173 | 11.85 | 43.84 | 140.44 |
| 3 | (3) | Australia | 1 315 160 | 10.17 | 54.01 | 103.48 |
| 4 | (5) | India | 796 100 | 6.16 | 60.17 | 37.92 |
| 5 | (4) | Mexico | 742 926 | 5.75 | 65.92 | 33.02 |
| 6 | (6) | United States | 704 000 | 5.45 | 71.36 | 29.65 |
| 7 | (7) | Bolivia | 499 257 | 3.86 | 75.22 | 14.91 |
| 8 | (8) | Kazakhstan | 318 000 | 2.46 | 77.68 | 6.05 |
| 9 | (10) | Canada | 310 158 | 2.40 | 80.08 | 5.76 |
| 10 | (9) | Russia | 306 000 | 2.37 | 82.45 | 5.60 |
| 11 | (11) | Sweden | 236 416 | 1.83 | 84.28 | 3.34 |
| 12 | (12) | Iran | 195 100 | 1.51 | 85.79 | 2.28 |
| 13 | (15) | South Africa | 193 785 | 1.50 | 87.29 | 2.25 |
| 14 | (13) | Portugal | 188 395 | 1.46 | 88.74 | 2.12 |
| 15 | (16) | Turkey | 171 100 | 1.32 | 90.07 | 1.75 |
| 16 | (14) | Brazil | 159 913 | 1.24 | 91.30 | 1.53 |
| 17 | (18) | Eritrea | 129 641 | 1.00 | 92.31 | 1.01 |
| 18 | (17) | Ireland | 112 249 | 0.87 | 93.18 | 0.75 |
| 19 | (19) | Spain | 90 480 | 0.70 | 93.88 | 0.49 |
| 20 | (20) | Burkina Faso | 84 170 | 0.65 | 94.53 | 0.42 |
| 21 | (24) | Tajikistan | 79 150 | 0.61 | 95.14 | 0.37 |
| 22 | (22) | Finland | 59 080 | 0.46 | 95.60 | 0.21 |

| | | | | | | |
|-------|------|--------------------|------------|--------|--------|-----------|
| 23 | (23) | Cuba | 44 500 | 0.34 | 95.94 | 0.12 |
| 24 | (27) | Uzbekistan | 42 000 | 0.32 | 96.26 | 0.11 |
| 25 | (21) | Namibia | 41 180 | 0.32 | 96.58 | 0.10 |
| 26 | (28) | Morocco | 40 230 | 0.31 | 96.89 | 0.10 |
| 27 | (26) | Mongolia | 39 490 | 0.31 | 97.20 | 0.09 |
| 28 | (29) | Pakistan | 35 391 | 0.27 | 97.47 | 0.07 |
| 29 | (31) | Honduras | 32 300 | 0.25 | 97.72 | 0.06 |
| 30 | (35) | Nigeria | 32 220 | 0.25 | 97.97 | 0.06 |
| 31 | (30) | North Macedonia | 30 070 | 0.23 | 98.20 | 0.05 |
| 32 | (36) | Korea, North | 28 000 | 0.22 | 98.42 | 0.05 |
| 33 | (32) | Chile | 27 915 | 0.22 | 98.64 | 0.05 |
| 34 | (34) | Saudi Arabia | 22 710 | 0.18 | 98.81 | 0.03 |
| 35 | (33) | Greece | 22 621 | 0.17 | 98.99 | 0.03 |
| 36 | (38) | Bulgaria | 17 910 | 0.14 | 99.13 | 0.02 |
| 37 | (39) | Congo, D.R. | 16 079 | 0.12 | 99.25 | 0.02 |
| 38 | (37) | Indonesia | 14 780 | 0.11 | 99.37 | 0.01 |
| 39 | (40) | Serbia | 11 310 | 0.09 | 99.45 | 0.01 |
| 40 | (43) | Vietnam | 10 700 | 0.08 | 99.54 | 0.01 |
| 41 | (44) | Montenegro | 9 360 | 0.07 | 99.61 | 0.01 |
| 42 | (45) | Armenia | 7 706 | 0.06 | 99.67 | 0.00 |
| 43 | (46) | Bosnia-Herzegovina | 7 310 | 0.06 | 99.72 | 0.00 |
| 44 | (42) | Myanmar | 6 200 | 0.05 | 99.77 | 0.00 |
| 45 | (41) | Argentina | 6 188 | 0.05 | 99.82 | 0.00 |
| 46 | (52) | Laos | 5 400 | 0.04 | 99.86 | 0.00 |
| 47 | (49) | Dominican Republic | 4 986 | 0.04 | 99.90 | 0.00 |
| 48 | (47) | Korea, South | 4 370 | 0.03 | 99.93 | 0.00 |
| 49 | (50) | Congo, Rep. | 4 300 | 0.03 | 99.97 | 0.00 |
| 50 | (48) | Kosovo | 3 620 | 0.03 | 100.00 | 0.00 |
| 51 | (51) | Algeria | 500 | 0.00 | 100.00 | 0.00 |
| 52 | (53) | Romania | 100 | 0.00 | 100.00 | 0.00 |
| 53 | (54) | Slovakia | 25 | 0.00 | 100.00 | 0.00 |
| Total | | | 12 928 724 | 100.00 | | HHI 1 418 |

6.5.3 Precious Metals

Gold

| Rank 2021 | Rank 2020 | Country | Production 2021 kg | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|--------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 328 980 | 10.17 | 10.17 | 103.40 |
| 2 | (3) | Russia | 313 830 | 9.70 | 19.87 | 94.10 |
| 3 | (2) | Australia | 307 170 | 9.49 | 29.36 | 90.15 |
| 4 | (5) | Canada | 222 524 | 6.88 | 36.24 | 47.31 |
| 5 | (4) | United States | 187 000 | 5.78 | 42.02 | 33.41 |
| 6 | (6) | Mexico | 124 776 | 3.86 | 45.88 | 14.88 |
| 7 | (8) | Kazakhstan | 114 843 | 3.55 | 49.43 | 12.60 |
| 8 | (11) | South Africa | 105 036 | 3.25 | 52.68 | 10.54 |
| 9 | (12) | Guinea | 102 046 | 3.15 | 55.83 | 9.95 |
| 10 | (9) | Uzbekistan | 100 360 | 3.10 | 58.93 | 9.62 |
| 11 | (13) | Peru | 97 339 | 3.01 | 61.94 | 9.05 |
| 12 | (10) | Brazil | 93 103 | 2.88 | 64.82 | 8.28 |
| 13 | (7) | Ghana | 87 676 | 2.71 | 67.53 | 7.34 |
| 14 | (15) | Indonesia | 72 660 | 2.25 | 69.77 | 5.04 |
| 15 | (14) | Mali | 69 400 | 2.15 | 71.92 | 4.60 |

| | | | | | | |
|----|------|--------------------------|--------|------|-------|------|
| 16 | (16) | Burkina Faso | 66 858 | 2.07 | 73.99 | 4.27 |
| 17 | (17) | Tanzania | 59 638 | 1.84 | 75.83 | 3.40 |
| 18 | (19) | Colombia | 55 534 | 1.72 | 77.55 | 2.95 |
| 19 | (22) | Sudan | 49 700 | 1.54 | 79.08 | 2.36 |
| 20 | (28) | Bolivia | 45 662 | 1.41 | 80.49 | 1.99 |
| 21 | (21) | Cote d'Ivoire | 41 855 | 1.29 | 81.79 | 1.67 |
| 22 | (20) | Turkey | 39 290 | 1.21 | 83.00 | 1.47 |
| 23 | (18) | Papua New Guinea | 39 145 | 1.21 | 84.21 | 1.46 |
| 24 | (23) | Argentina | 37 280 | 1.15 | 85.36 | 1.33 |
| 25 | (24) | Chile | 34 248 | 1.06 | 86.42 | 1.12 |
| 26 | (31) | Zimbabwe | 31 477 | 0.97 | 87.40 | 0.95 |
| 27 | (25) | Congo, D.R. | 31 445 | 0.97 | 88.37 | 0.94 |
| 28 | (26) | Dominican Republic | 25 437 | 0.79 | 89.15 | 0.62 |
| 29 | (30) | Philippines | 25 332 | 0.78 | 89.94 | 0.61 |
| 30 | (27) | Kyrgyzstan | 24 870 | 0.77 | 90.71 | 0.59 |
| 31 | (32) | Mongolia | 19 054 | 0.59 | 91.30 | 0.35 |
| 32 | (29) | Suriname | 18 634 | 0.58 | 91.87 | 0.33 |
| 33 | (33) | Guyana | 15 522 | 0.48 | 92.35 | 0.23 |
| 34 | (40) | Ecuador | 15 026 | 0.46 | 92.82 | 0.22 |
| 35 | (37) | Senegal | 14 678 | 0.45 | 93.27 | 0.21 |
| 36 | (35) | Egypt | 12 919 | 0.40 | 93.67 | 0.16 |
| 37 | (36) | Saudi Arabia | 12 413 | 0.38 | 94.05 | 0.15 |
| 38 | (45) | Nicaragua | 11 144 | 0.34 | 94.40 | 0.12 |
| 39 | (38) | Korea, North | 10 000 | 0.31 | 94.71 | 0.10 |
| 40 | (39) | Bulgaria | 9 695 | 0.30 | 95.01 | 0.09 |
| 41 | (47) | Ethiopia | 9 600 | 0.30 | 95.30 | 0.09 |
| 42 | (42) | Tajikistan | 9 330 | 0.29 | 95.59 | 0.08 |
| 43 | (43) | Finland | 9 082 | 0.28 | 95.87 | 0.08 |
| 44 | (41) | Venezuela | 9 000 | 0.28 | 96.15 | 0.08 |
| 45 | (44) | Sweden | 8 805 | 0.27 | 96.42 | 0.07 |
| 46 | (53) | Laos | 8 742 | 0.27 | 96.69 | 0.07 |
| 47 | (54) | Liberia | 7 860 | 0.24 | 96.93 | 0.06 |
| 48 | (49) | Namibia | 7 648 | 0.24 | 97.17 | 0.06 |
| 49 | (48) | Iran | 6 990 | 0.22 | 97.39 | 0.05 |
| 50 | (34) | Mauritania | 6 499 | 0.20 | 97.59 | 0.04 |
| 51 | (46) | Japan | 6 225 | 0.19 | 97.78 | 0.04 |
| 52 | (50) | New Zealand | 5 815 | 0.18 | 97.96 | 0.03 |
| 53 | (67) | Serbia | 4 794 | 0.15 | 98.11 | 0.02 |
| 54 | (58) | Eritrea | 4 625 | 0.14 | 98.25 | 0.02 |
| 55 | (59) | Panama | 4 405 | 0.14 | 98.39 | 0.02 |
| 56 | (60) | Niger | 4 010 | 0.12 | 98.51 | 0.02 |
| 57 | (55) | Zambia | 3 987 | 0.12 | 98.63 | 0.02 |
| 58 | (52) | Armenia | 3 714 | 0.11 | 98.75 | 0.01 |
| 59 | (57) | Togo | 3 600 | 0.11 | 98.86 | 0.01 |
| 60 | (51) | Georgia | 3 513 | 0.11 | 98.97 | 0.01 |
| 61 | (56) | Azerbaijan | 3 427 | 0.11 | 99.08 | 0.01 |
| 62 | (61) | Greece | 3 315 | 0.10 | 99.18 | 0.01 |
| 63 | (63) | Honduras | 2 824 | 0.09 | 99.27 | 0.01 |
| 64 | (62) | Rwanda | 2 000 | 0.06 | 99.33 | 0.00 |
| 65 | (68) | Nigeria | 2 000 | 0.06 | 99.39 | 0.00 |
| 66 | (64) | Madagascar | 2 000 | 0.06 | 99.45 | 0.00 |
| 67 | (66) | Spain | 1 822 | 0.06 | 99.51 | 0.00 |
| 68 | (65) | Malaysia | 1 781 | 0.06 | 99.56 | 0.00 |
| 69 | (**) | Cambodia | 1 466 | 0.05 | 99.61 | 0.00 |
| 70 | (69) | India | 1 251 | 0.04 | 99.65 | 0.00 |
| 71 | (71) | French Guiana | 1 188 | 0.04 | 99.68 | 0.00 |
| 72 | (70) | Fiji | 1 107 | 0.03 | 99.72 | 0.00 |
| 73 | (74) | Burundi | 986 | 0.03 | 99.75 | 0.00 |
| 74 | (81) | Central African Republic | 840 | 0.03 | 99.77 | 0.00 |
| 75 | (73) | Myanmar | 773 | 0.02 | 99.80 | 0.00 |
| 76 | (72) | Poland | 768 | 0.02 | 99.82 | 0.00 |
| 77 | (79) | Mozambique | 764 | 0.02 | 99.84 | 0.00 |

| | | | | | | |
|----|------|-----------------|-----------|--------|--------|---------|
| 78 | (77) | Vietnam | 664 | 0.02 | 99.87 | 0.00 |
| 79 | (75) | Botswana | 649 | 0.02 | 99.89 | 0.00 |
| 80 | (76) | Costa Rica | 600 | 0.02 | 99.90 | 0.00 |
| 81 | (78) | Romania | 500 | 0.02 | 99.92 | 0.00 |
| 82 | (80) | North Macedonia | 470 | 0.01 | 99.93 | 0.00 |
| 83 | (82) | Cameroon | 440 | 0.01 | 99.95 | 0.00 |
| 84 | (83) | Slovakia | 392 | 0.01 | 99.96 | 0.00 |
| 85 | (86) | Kenya | 292 | 0.01 | 99.97 | 0.00 |
| 86 | (91) | Gabon | 200 | 0.01 | 99.97 | 0.00 |
| 87 | (84) | Korea, South | 162 | 0.01 | 99.98 | 0.00 |
| 88 | (85) | Congo, Rep. | 150 | 0.00 | 99.98 | 0.00 |
| 89 | (93) | Sierra Leone | 149 | 0.00 | 99.99 | 0.00 |
| 90 | (87) | Morocco | 147 | 0.00 | 99.99 | 0.00 |
| 91 | (92) | United Kingdom | 79 | 0.00 | 100.00 | 0.00 |
| 92 | (90) | Algeria | 71 | 0.00 | 100.00 | 0.00 |
| 93 | (89) | Angola | 35 | 0.00 | 100.00 | 0.00 |
| 94 | (94) | Germany | 12 | 0.00 | 100.00 | 0.00 |
| 95 | (95) | Uganda | 10 | 0.00 | 100.00 | 0.00 |
| 96 | (96) | Benin | 5 | 0.00 | 100.00 | 0.00 |
| 97 | (97) | Taiwan | 1 | 0.00 | 100.00 | 0.00 |
| | | Total | 3 235 183 | 100.00 | | HHI 489 |

Palladium

| Rank 2021 | Rank 2020 | Country | Production 2021 kg | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|--------------------------|---------------|-----------------|--------------|
| 1 | (2) | South Africa | 84 336 | 39.67 | 39.67 | 1 573.77 |
| 2 | (1) | Russia | 83 630 | 39.34 | 79.01 | 1 547.53 |
| 3 | (3) | Canada | 15 260 | 7.18 | 86.19 | 51.53 |
| 4 | (4) | United States | 13 725 | 6.46 | 92.64 | 41.68 |
| 5 | (5) | Zimbabwe | 12 619 | 5.94 | 98.58 | 35.23 |
| 6 | (6) | China | 1 300 | 0.61 | 99.19 | 0.37 |
| 7 | (7) | Finland | 1 036 | 0.49 | 99.68 | 0.24 |
| 8 | (8) | Australia | 380 | 0.18 | 99.86 | 0.03 |
| 9 | (10) | Uzbekistan | 160 | 0.08 | 99.93 | 0.01 |
| 10 | (9) | Serbia | 140 | 0.07 | 100.00 | 0.00 |
| 11 | (11) | Poland | 4 | 0.00 | 100.00 | 0.00 |
| | | Total | 212 590 | 100.00 | | HHI 3 250 |

Platinum

| Rank 2021 | Rank 2020 | Country | Production 2021 kg | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|--------------------------|---------------|-----------------|--------------|
| 1 | (1) | South Africa | 141 626 | 74.20 | 74.20 | 5 505.96 |
| 2 | (2) | Russia | 19 840 | 10.39 | 84.60 | 108.05 |
| 3 | (3) | Zimbabwe | 14 732 | 7.72 | 92.32 | 59.58 |
| 4 | (4) | Canada | 5 960 | 3.12 | 95.44 | 9.75 |
| 5 | (5) | United States | 4 017 | 2.10 | 97.54 | 4.43 |
| 6 | (6) | China | 2 500 | 1.31 | 98.85 | 1.72 |
| 7 | (7) | Finland | 1 447 | 0.76 | 99.61 | 0.57 |

| | | | | | | |
|----|------|-----------|---------|--------|--------|-----------|
| 8 | (8) | Colombia | 618 | 0.32 | 99.93 | 0.10 |
| 9 | (9) | Australia | 90 | 0.05 | 99.98 | 0.00 |
| 10 | (10) | Serbia | 30 | 0.02 | 100.00 | 0.00 |
| 11 | (11) | Poland | 5 | 0.00 | 100.00 | 0.00 |
| | | Total | 190 865 | 100.00 | | HHI 5 690 |

Rhodium

| Rank 2021 | Rank 2020 | Country | Production 2021 kg | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|--------------------------|---------------|-----------------|--------------|
| 1 | (1) | South Africa | 20 875 | 85.28 | 85.28 | 7 272.20 |
| 2 | (2) | Russia | 1 650 | 6.74 | 92.02 | 45.43 |
| 3 | (3) | Zimbabwe | 1 334 | 5.45 | 97.47 | 29.70 |
| 4 | (4) | Canada | 520 | 2.12 | 99.59 | 4.51 |
| 5 | (5) | United States | 100 | 0.41 | 100.00 | 0.17 |
| | | Total | 24 479 | 100.00 | | HHI 7 352 |

Silver

| Rank 2021 | Rank 2020 | Country | Production 2021 kg | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------------|--------------------------|---------------|-----------------|--------------|
| 1 | (1) | Mexico | 6 118 000 | 23.59 | 23.59 | 556.31 |
| 2 | (2) | China | 3 511 600 | 13.54 | 37.12 | 183.28 |
| 3 | (3) | Peru | 3 310 192 | 12.76 | 49.89 | 162.86 |
| 4 | (4) | Chile | 1 383 041 | 5.33 | 55.22 | 28.43 |
| 5 | (6) | Australia | 1 329 718 | 5.13 | 60.34 | 26.28 |
| 6 | (7) | Poland | 1 302 900 | 5.02 | 65.37 | 25.23 |
| 7 | (10) | Bolivia | 1 289 456 | 4.97 | 70.34 | 24.71 |
| 8 | (5) | Russia | 1 280 000 | 4.93 | 75.27 | 24.35 |
| 9 | (9) | United States | 1 020 000 | 3.93 | 79.20 | 15.46 |
| 10 | (8) | Kazakhstan | 1 004 789 | 3.87 | 83.08 | 15.01 |
| 11 | (11) | Argentina | 842 600 | 3.25 | 86.33 | 10.55 |
| 12 | (12) | India | 647 140 | 2.49 | 88.82 | 6.22 |
| 13 | (13) | Sweden | 428 585 | 1.65 | 90.47 | 2.73 |
| 14 | (15) | Canada | 325 026 | 1.25 | 91.73 | 1.57 |
| 15 | (14) | Indonesia | 295 920 | 1.14 | 92.87 | 1.30 |
| 16 | (16) | Uzbekistan | 211 500 | 0.82 | 93.68 | 0.66 |
| 17 | (17) | Morocco | 194 360 | 0.75 | 94.43 | 0.56 |
| 18 | (19) | Turkey | 162 670 | 0.63 | 95.06 | 0.39 |
| 19 | (20) | Portugal | 97 945 | 0.38 | 95.44 | 0.14 |
| 20 | (18) | Papua New Guinea | 90 200 | 0.35 | 95.79 | 0.12 |
| 21 | (24) | Brazil | 80 870 | 0.31 | 96.10 | 0.10 |
| 22 | (21) | Spain | 80 848 | 0.31 | 96.41 | 0.10 |
| 23 | (22) | Dominican Republic | 79 688 | 0.31 | 96.72 | 0.09 |
| 24 | (23) | Mongolia | 79 035 | 0.30 | 97.02 | 0.09 |
| 25 | (30) | Panama | 78 419 | 0.30 | 97.32 | 0.09 |
| 26 | (25) | Eritrea | 68 624 | 0.26 | 97.59 | 0.07 |
| 27 | (28) | Iran | 50 000 | 0.19 | 97.78 | 0.04 |
| 28 | (29) | Korea, North | 50 000 | 0.19 | 97.97 | 0.04 |
| 29 | (26) | Finland | 45 338 | 0.17 | 98.15 | 0.03 |
| 30 | (27) | Greece | 44 086 | 0.17 | 98.32 | 0.03 |

| | | | | | | |
|----|------|-----------------|------------|--------|--------|-----------|
| 31 | (32) | Bulgaria | 38 661 | 0.15 | 98.47 | 0.02 |
| 32 | (31) | Honduras | 37 495 | 0.14 | 98.61 | 0.02 |
| 33 | (33) | South Africa | 37 146 | 0.14 | 98.75 | 0.02 |
| 34 | (35) | Philippines | 30 856 | 0.12 | 98.87 | 0.01 |
| 35 | (34) | Laos | 26 998 | 0.10 | 98.98 | 0.01 |
| 36 | (37) | Colombia | 26 963 | 0.10 | 99.08 | 0.01 |
| 37 | (56) | Ecuador | 23 698 | 0.09 | 99.17 | 0.01 |
| 38 | (36) | Nicaragua | 21 460 | 0.08 | 99.26 | 0.01 |
| 39 | (38) | Armenia | 19 480 | 0.08 | 99.33 | 0.01 |
| 40 | (39) | Romania | 18 000 | 0.07 | 99.40 | 0.00 |
| 41 | (40) | Kyrgyzstan | 16 549 | 0.06 | 99.46 | 0.00 |
| 42 | (41) | North Macedonia | 15 470 | 0.06 | 99.52 | 0.00 |
| 43 | (45) | Georgia | 12 700 | 0.05 | 99.57 | 0.00 |
| 44 | (42) | Serbia | 11 600 | 0.04 | 99.62 | 0.00 |
| 45 | (44) | Tajikistan | 11 500 | 0.04 | 99.66 | 0.00 |
| 46 | (**) | Botswana | 10 383 | 0.04 | 99.70 | 0.00 |
| 47 | (50) | Korea, South | 10 001 | 0.04 | 99.74 | 0.00 |
| 48 | (43) | Tanzania | 9 324 | 0.04 | 99.78 | 0.00 |
| 49 | (47) | Azerbaijan | 8 988 | 0.03 | 99.81 | 0.00 |
| 50 | (46) | Burkina Faso | 8 897 | 0.03 | 99.85 | 0.00 |
| 51 | (49) | Saudi Arabia | 6 818 | 0.03 | 99.87 | 0.00 |
| 52 | (52) | Germany | 6 000 | 0.02 | 99.89 | 0.00 |
| 53 | (48) | Namibia | 5 847 | 0.02 | 99.92 | 0.00 |
| 54 | (53) | Congo, D.R. | 3 400 | 0.01 | 99.93 | 0.00 |
| 55 | (51) | Japan | 3 339 | 0.01 | 99.94 | 0.00 |
| 56 | (57) | New Zealand | 3 055 | 0.01 | 99.95 | 0.00 |
| 57 | (54) | Mali | 3 000 | 0.01 | 99.97 | 0.00 |
| 58 | (62) | Ireland | 1 342 | 0.01 | 99.97 | 0.00 |
| 59 | (58) | Senegal | 1 310 | 0.01 | 99.98 | 0.00 |
| 60 | (55) | Ghana | 1 000 | 0.00 | 99.98 | 0.00 |
| 61 | (59) | Ethiopia | 1 000 | 0.00 | 99.98 | 0.00 |
| 62 | (61) | Cote d'Ivoire | 1 000 | 0.00 | 99.99 | 0.00 |
| 63 | (60) | Sudan | 1 000 | 0.00 | 99.99 | 0.00 |
| 64 | (65) | Malaysia | 672 | 0.00 | 99.99 | 0.00 |
| 65 | (64) | Fiji | 622 | 0.00 | 100.00 | 0.00 |
| 66 | (68) | United Kingdom | 358 | 0.00 | 100.00 | 0.00 |
| 67 | (66) | Slovakia | 328 | 0.00 | 100.00 | 0.00 |
| 68 | (67) | Niger | 100 | 0.00 | 100.00 | 0.00 |
| 69 | (69) | Algeria | 12 | 0.00 | 100.00 | 0.00 |
| | | Total | 25 938 922 | 100.00 | | HHI 1 087 |

6.5.4 Industrial Minerals

Asbestos

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Russia | 750 000 | 58.03 | 58.03 | 3 367.89 |
| 2 | (2) | Kazakhstan | 250 100 | 19.35 | 77.39 | 374.51 |
| 3 | (4) | Brazil | 172 256 | 13.33 | 90.71 | 177.66 |
| 4 | (3) | China | 120 000 | 9.29 | 100.00 | 86.22 |
| | | Total | 1 292 356 | 100.00 | | HHI 4 006 |

Baryte

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | India | 2 500 000 | 29.87 | 29.87 | 892.27 |
| 2 | (2) | China | 2 200 000 | 26.29 | 56.16 | 690.98 |
| 3 | (5) | Kazakhstan | 1 016 500 | 12.15 | 68.30 | 147.51 |
| 4 | (3) | Morocco | 840 486 | 10.04 | 78.35 | 100.85 |
| 5 | (4) | Mexico | 320 642 | 3.83 | 82.18 | 14.68 |
| 6 | (6) | Iran | 297 469 | 3.55 | 85.73 | 12.63 |
| 7 | (13) | United States | 257 450 | 3.08 | 88.81 | 9.46 |
| 8 | (7) | Turkey | 256 076 | 3.06 | 91.87 | 9.36 |
| 9 | (8) | Russia | 252 000 | 3.01 | 94.88 | 9.07 |
| 10 | (14) | Bulgaria | 72 000 | 0.86 | 95.74 | 0.74 |
| 11 | (11) | Pakistan | 51 553 | 0.62 | 96.35 | 0.38 |
| 12 | (13) | United Kingdom | 50 000 | 0.60 | 96.95 | 0.36 |
| 13 | (15) | Canada | 50 000 | 0.60 | 97.55 | 0.36 |
| 14 | (12) | Vietnam | 39 600 | 0.47 | 98.02 | 0.22 |
| 15 | (10) | Laos | 37 403 | 0.45 | 98.47 | 0.20 |
| 16 | (16) | Algeria | 33 000 | 0.39 | 98.86 | 0.16 |
| 17 | (17) | Germany | 27 921 | 0.33 | 99.20 | 0.11 |
| 18 | (20) | Bolivia | 26 780 | 0.32 | 99.52 | 0.10 |
| 19 | (19) | Tunisia | 11 100 | 0.13 | 99.65 | 0.02 |
| 20 | (21) | Peru | 10 361 | 0.12 | 99.77 | 0.02 |
| 21 | (18) | Thailand | 4 988 | 0.06 | 99.83 | 0.00 |
| 22 | (23) | Egypt | 4 000 | 0.05 | 99.88 | 0.00 |
| 23 | (22) | Korea, North | 4 000 | 0.05 | 99.93 | 0.00 |
| 24 | (24) | Myanmar | 2 220 | 0.03 | 99.95 | 0.00 |
| 25 | (**) | Australia | 1 127 | 0.01 | 99.97 | 0.00 |
| 26 | (26) | Ecuador | 1 000 | 0.01 | 99.98 | 0.00 |
| 27 | (25) | Colombia | 744 | 0.01 | 99.99 | 0.00 |
| 28 | (28) | Nigeria | 460 | 0.01 | 99.99 | 0.00 |
| 29 | (27) | Brazil | 361 | 0.00 | 100.00 | 0.00 |
| 30 | (29) | Guatemala | 100 | 0.00 | 100.00 | 0.00 |
| | | Total | 8 369 341 | 100.00 | | HHI 1 889 |

Bentonite

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | United States | 4 590 000 | 24.43 | 24.43 | 596.91 |
| 2 | (2) | India | 3 550 000 | 18.90 | 43.33 | 357.06 |
| 3 | (3) | China | 2 500 000 | 13.31 | 56.63 | 177.08 |
| 4 | (4) | Turkey | 2 020 356 | 10.75 | 67.39 | 115.65 |
| 5 | (5) | Greece | 1 257 216 | 6.69 | 74.08 | 44.78 |
| 6 | (7) | Iran | 1 153 283 | 6.14 | 80.22 | 37.68 |
| 7 | (6) | Russia | 500 000 | 2.66 | 82.88 | 7.08 |
| 8 | (8) | Germany | 363 000 | 1.93 | 84.81 | 3.73 |
| 9 | (9) | Slovakia | 274 050 | 1.46 | 86.27 | 2.13 |
| 10 | (10) | Japan | 250 000 | 1.33 | 87.60 | 1.77 |
| 11 | (12) | Brazil | 220 000 | 1.17 | 88.77 | 1.37 |
| 12 | (11) | Czech Republic | 198 000 | 1.05 | 89.83 | 1.11 |
| 13 | (15) | Azerbaijan | 174 242 | 0.93 | 90.76 | 0.86 |
| 14 | (13) | Spain | 171 572 | 0.91 | 91.67 | 0.83 |

| | | | | | | |
|-------|------|--------------------|------------|--------|--------|-----------|
| 15 | (20) | Morocco | 134 340 | 0.72 | 92.38 | 0.51 |
| 16 | (18) | Argentina | 133 235 | 0.71 | 93.09 | 0.50 |
| 17 | (16) | Ukraine | 125 000 | 0.67 | 93.76 | 0.44 |
| 18 | (22) | Mozambique | 118 692 | 0.63 | 94.39 | 0.40 |
| 19 | (21) | South Africa | 98 606 | 0.52 | 94.91 | 0.28 |
| 20 | (19) | Cyprus | 81 655 | 0.43 | 95.35 | 0.19 |
| 21 | (23) | Mexico | 80 000 | 0.43 | 95.78 | 0.18 |
| 22 | (24) | Bosnia-Herzegovina | 75 761 | 0.40 | 96.18 | 0.16 |
| 23 | (31) | Bulgaria | 72 100 | 0.38 | 96.56 | 0.15 |
| 24 | (26) | Kazakhstan | 60 000 | 0.32 | 96.88 | 0.10 |
| 25 | (17) | Pakistan | 59 744 | 0.32 | 97.20 | 0.10 |
| 26 | (35) | Peru | 56 199 | 0.30 | 97.50 | 0.09 |
| 27 | (28) | Romania | 54 648 | 0.29 | 97.79 | 0.08 |
| 28 | (14) | Colombia | 51 353 | 0.27 | 98.06 | 0.07 |
| 29 | (27) | Uzbekistan | 50 000 | 0.27 | 98.33 | 0.07 |
| 30 | (29) | Australia | 46 658 | 0.25 | 98.58 | 0.06 |
| 31 | (30) | Hungary | 42 000 | 0.22 | 98.80 | 0.05 |
| 32 | (33) | France | 36 000 | 0.19 | 98.99 | 0.04 |
| 33 | (34) | Algeria | 36 000 | 0.19 | 99.18 | 0.04 |
| 34 | (40) | Korea, South | 34 243 | 0.18 | 99.37 | 0.03 |
| 35 | (25) | Italy | 32 252 | 0.17 | 99.54 | 0.03 |
| 36 | (32) | Denmark | 20 281 | 0.11 | 99.65 | 0.01 |
| 37 | (36) | Uruguay | 19 710 | 0.10 | 99.75 | 0.01 |
| 38 | (**) | Norway | 12 803 | 0.07 | 99.82 | 0.00 |
| 39 | (37) | Turkmenistan | 10 000 | 0.05 | 99.87 | 0.00 |
| 40 | (39) | Guatemala | 7 378 | 0.04 | 99.91 | 0.00 |
| 41 | (38) | Egypt | 7 000 | 0.04 | 99.95 | 0.00 |
| 42 | (41) | Philippines | 6 059 | 0.03 | 99.98 | 0.00 |
| 43 | (42) | North Macedonia | 1 277 | 0.01 | 99.99 | 0.00 |
| 44 | (46) | Cuba | 517 | 0.00 | 99.99 | 0.00 |
| 45 | (45) | Myanmar | 500 | 0.00 | 99.99 | 0.00 |
| 46 | (43) | Poland | 500 | 0.00 | 100.00 | 0.00 |
| 47 | (44) | New Zealand | 500 | 0.00 | 100.00 | 0.00 |
| 48 | (47) | Chile | 170 | 0.00 | 100.00 | 0.00 |
| 49 | (48) | Slovenia | 75 | 0.00 | 100.00 | 0.00 |
| Total | | | 18 786 975 | 100.00 | | HHI 1 352 |

Boron Minerals

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Turkey | 2 540 000 | 51.63 | 51.63 | 2 665.46 |
| 2 | (2) | United States | 900 000 | 18.29 | 69.92 | 334.65 |
| 3 | (3) | Chile | 363 032 | 7.38 | 77.30 | 54.45 |
| 4 | (4) | Bolivia | 309 940 | 6.30 | 83.60 | 39.69 |
| 5 | (5) | China | 250 000 | 5.08 | 88.68 | 25.82 |
| 6 | (8) | Peru | 246 362 | 5.01 | 93.69 | 25.08 |
| 7 | (6) | Argentina | 188 870 | 3.84 | 97.53 | 14.74 |
| 8 | (7) | Russia | 89 600 | 1.82 | 99.35 | 3.32 |
| 9 | (9) | Kazakhstan | 30 000 | 0.61 | 99.96 | 0.37 |
| 10 | (10) | Iran | 2 000 | 0.04 | 100.00 | 0.00 |
| Total | | | 4 919 804 | 100.00 | | HHI 3 164 |

Diamonds (Gem)

| Rank 2021 | Rank 2020 | Country | Production 2021 ct | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------------------|--------------------------|---------------|-----------------|--------------|
| 1 | (1) | Russia | 23 470 180 | 31.15 | 31.15 | 970.61 |
| 2 | (2) | Canada | 17 353 418 | 23.04 | 54.19 | 530.62 |
| 3 | (3) | Botswana | 15 887 200 | 21.09 | 75.28 | 444.74 |
| 4 | (4) | Angola | 7 850 760 | 10.42 | 85.70 | 108.60 |
| 5 | (5) | South Africa | 4 506 940 | 5.98 | 91.68 | 35.79 |
| 6 | (6) | Congo, D.R. | 2 594 650 | 3.44 | 95.13 | 11.86 |
| 7 | (7) | Namibia | 1 446 964 | 1.92 | 97.05 | 3.69 |
| 8 | (9) | Zimbabwe | 845 040 | 1.12 | 98.17 | 1.26 |
| 9 | (8) | Sierra Leone | 541 400 | 0.72 | 98.89 | 0.52 |
| 10 | (10) | Lesotho | 339 452 | 0.45 | 99.34 | 0.20 |
| 11 | (13) | Guinea | 204 990 | 0.27 | 99.61 | 0.07 |
| 12 | (14) | Central African Republic | 74 220 | 0.10 | 99.71 | 0.01 |
| 13 | (12) | Tanzania | 53 165 | 0.07 | 99.78 | 0.00 |
| 14 | (15) | Brazil | 46 670 | 0.06 | 99.84 | 0.00 |
| 15 | (17) | Ghana | 43 340 | 0.06 | 99.90 | 0.00 |
| 16 | (16) | Liberia | 37 820 | 0.05 | 99.95 | 0.00 |
| 17 | (18) | Guyana | 33 830 | 0.04 | 99.99 | 0.00 |
| 18 | (20) | Cote d'Ivoire | 4 121 | 0.01 | 100.00 | 0.00 |
| 19 | (21) | Venezuela | 457 | 0.00 | 100.00 | 0.00 |
| | | Total | 75 334 617 | 100.00 | | HHI 2 108 |

Diamonds (Ind)

| Rank 2021 | Rank 2020 | Country | Production 2021 ct | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------------------|--------------------------|---------------|-----------------|--------------|
| 1 | (1) | Russia | 15 646 790 | 36.45 | 36.45 | 1 328.84 |
| 2 | (2) | Congo, D.R. | 10 378 700 | 24.18 | 60.63 | 584.67 |
| 3 | (4) | Botswana | 6 808 800 | 15.86 | 76.50 | 251.63 |
| 4 | (5) | South Africa | 5 216 870 | 12.15 | 88.65 | 147.72 |
| 5 | (6) | Zimbabwe | 3 380 140 | 7.87 | 96.52 | 62.01 |
| 6 | (7) | Angola | 872 310 | 2.03 | 98.56 | 4.13 |
| 7 | (9) | Sierra Leone | 297 700 | 0.69 | 99.25 | 0.48 |
| 8 | (8) | Brazil | 94 760 | 0.22 | 99.47 | 0.05 |
| 9 | (10) | Namibia | 76 156 | 0.18 | 99.65 | 0.03 |
| 10 | (11) | Guinea | 68 330 | 0.16 | 99.81 | 0.03 |
| 11 | (13) | Liberia | 25 210 | 0.06 | 99.87 | 0.00 |
| 12 | (14) | Central African Republic | 18 550 | 0.04 | 99.91 | 0.00 |
| 13 | (18) | Guyana | 11 280 | 0.03 | 99.94 | 0.00 |
| 14 | (17) | Ghana | 10 835 | 0.03 | 99.96 | 0.00 |
| 15 | (12) | Tanzania | 9 380 | 0.02 | 99.98 | 0.00 |
| 16 | (15) | Congo, Rep. | 4 125 | 0.01 | 99.99 | 0.00 |
| 17 | (19) | Cameroon | 2 668 | 0.01 | 100.00 | 0.00 |
| 18 | (16) | India | 266 | 0.00 | 100.00 | 0.00 |
| | | Total | 42 922 870 | 100.00 | | HHI 2 380 |

Diatomite

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | United States | 998 000 | 39.24 | 39.24 | 1 539.79 |
| 2 | (5) | Turkey | 207 732 | 8.17 | 47.41 | 66.71 |
| 3 | (2) | China | 200 000 | 7.86 | 55.27 | 61.84 |
| 4 | (12) | Russia | 176 800 | 6.95 | 62.22 | 48.32 |
| 5 | (3) | Mexico | 160 956 | 6.33 | 68.55 | 40.05 |
| 6 | (6) | Argentina | 156 342 | 6.15 | 74.70 | 37.79 |
| 7 | (4) | Denmark | 120 600 | 4.74 | 79.44 | 22.49 |
| 8 | (8) | Peru | 94 860 | 3.73 | 83.17 | 13.91 |
| 9 | (7) | France | 90 000 | 3.54 | 86.71 | 12.52 |
| 10 | (15) | Mozambique | 72 914 | 2.87 | 89.58 | 8.22 |
| 11 | (11) | Germany | 58 519 | 2.30 | 91.88 | 5.29 |
| 12 | (10) | Spain | 55 982 | 2.20 | 94.08 | 4.85 |
| 13 | (9) | Korea, South | 49 616 | 1.95 | 96.03 | 3.81 |
| 14 | (16) | Chile | 27 096 | 1.07 | 97.09 | 1.14 |
| 15 | (20) | Australia | 25 935 | 1.02 | 98.11 | 1.04 |
| 16 | (13) | Czech Republic | 18 000 | 0.71 | 98.82 | 0.50 |
| 17 | (14) | Brazil | 10 665 | 0.42 | 99.24 | 0.18 |
| 18 | (23) | Iran | 5 550 | 0.22 | 99.46 | 0.05 |
| 19 | (17) | Ethiopia | 5 000 | 0.20 | 99.66 | 0.04 |
| 20 | (18) | Costa Rica | 4 000 | 0.16 | 99.81 | 0.02 |
| 21 | (19) | Algeria | 3 000 | 0.12 | 99.93 | 0.01 |
| 22 | (22) | Poland | 980 | 0.04 | 99.97 | 0.00 |
| 23 | (21) | Kenya | 763 | 0.03 | 100.00 | 0.00 |
| | | Total | 2 543 310 | 100.00 | | HHI 1 869 |

Feldspar

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Turkey | 12 936 959 | 36.10 | 36.10 | 1 303.13 |
| 2 | (2) | India | 6 430 000 | 17.94 | 54.04 | 321.92 |
| 3 | (5) | Iran | 2 803 515 | 7.82 | 61.86 | 61.20 |
| 4 | (3) | China | 2 450 000 | 6.84 | 68.70 | 46.74 |
| 5 | (4) | Italy | 2 200 000 | 6.14 | 74.84 | 37.68 |
| 6 | (6) | Thailand | 1 346 997 | 3.76 | 78.60 | 14.13 |
| 7 | (14) | Korea, South | 987 309 | 2.75 | 81.35 | 7.59 |
| 8 | (7) | Spain | 820 749 | 2.29 | 83.64 | 5.24 |
| 9 | (9) | Saudi Arabia | 549 000 | 1.53 | 85.17 | 2.35 |
| 10 | (13) | Czech Republic | 504 000 | 1.41 | 86.58 | 1.98 |
| 11 | (10) | France | 500 000 | 1.40 | 87.98 | 1.95 |
| 12 | (11) | Brazil | 491 042 | 1.37 | 89.35 | 1.88 |
| 13 | (15) | Pakistan | 451 985 | 1.26 | 90.61 | 1.59 |
| 14 | (21) | Morocco | 427 387 | 1.19 | 91.80 | 1.42 |
| 15 | (8) | Mexico | 372 102 | 1.04 | 92.84 | 1.08 |
| 16 | (12) | United States | 340 000 | 0.95 | 93.79 | 0.90 |
| 17 | (17) | Indonesia | 313 200 | 0.87 | 94.66 | 0.76 |
| 18 | (16) | Russia | 290 000 | 0.81 | 95.47 | 0.65 |
| 19 | (19) | Germany | 223 007 | 0.62 | 96.09 | 0.39 |
| 20 | (20) | Egypt | 200 000 | 0.56 | 96.65 | 0.31 |
| 21 | (22) | Algeria | 170 000 | 0.47 | 97.12 | 0.23 |

| | | | | | | |
|-------|------|-----------------|------------|--------|--------|-----------|
| 22 | (18) | Malaysia | 168 570 | 0.47 | 97.60 | 0.22 |
| 23 | (24) | Portugal | 145 362 | 0.41 | 98.00 | 0.16 |
| 24 | (28) | South Africa | 67 113 | 0.19 | 98.19 | 0.04 |
| 25 | (27) | Ukraine | 60 000 | 0.17 | 98.36 | 0.03 |
| 26 | (25) | Norway | 60 000 | 0.17 | 98.52 | 0.03 |
| 27 | (26) | Sri Lanka | 60 000 | 0.17 | 98.69 | 0.03 |
| 28 | (41) | Finland | 52 706 | 0.15 | 98.84 | 0.02 |
| 29 | (29) | Philippines | 47 000 | 0.13 | 98.97 | 0.02 |
| 30 | (23) | Colombia | 46 887 | 0.13 | 99.10 | 0.02 |
| 31 | (40) | Nigeria | 43 997 | 0.12 | 99.22 | 0.02 |
| 32 | (30) | Austria | 35 000 | 0.10 | 99.32 | 0.01 |
| 33 | (36) | Guatemala | 34 232 | 0.10 | 99.42 | 0.01 |
| 34 | (31) | Argentina | 32 000 | 0.09 | 99.50 | 0.01 |
| 35 | (32) | Venezuela | 30 000 | 0.08 | 99.59 | 0.01 |
| 36 | (35) | Sweden | 28 000 | 0.08 | 99.67 | 0.01 |
| 37 | (38) | Peru | 27 274 | 0.08 | 99.74 | 0.01 |
| 38 | (43) | North Macedonia | 26 625 | 0.07 | 99.82 | 0.01 |
| 39 | (39) | Romania | 20 000 | 0.06 | 99.87 | 0.00 |
| 40 | (42) | Cuba | 17 800 | 0.05 | 99.92 | 0.00 |
| 41 | (33) | Poland | 11 110 | 0.03 | 99.95 | 0.00 |
| 42 | (34) | Slovakia | 10 000 | 0.03 | 99.98 | 0.00 |
| 43 | (37) | Sudan | 6 400 | 0.02 | 100.00 | 0.00 |
| 44 | (46) | Uruguay | 240 | 0.00 | 100.00 | 0.00 |
| 45 | (44) | Australia | 52 | 0.00 | 100.00 | 0.00 |
| Total | | | 35 837 620 | 100.00 | | HHI 1 814 |

Fluorspar

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 5 400 000 | 64.35 | 64.35 | 4 140.62 |
| 2 | (2) | Mexico | 1 007 118 | 12.00 | 76.35 | 144.03 |
| 3 | (3) | Mongolia | 644 300 | 7.68 | 84.03 | 58.95 |
| 4 | (4) | South Africa | 400 000 | 4.77 | 88.79 | 22.72 |
| 5 | (5) | Vietnam | 215 027 | 2.56 | 91.36 | 6.57 |
| 6 | (7) | Morocco | 189 012 | 2.25 | 93.61 | 5.07 |
| 7 | (6) | Spain | 143 523 | 1.71 | 95.32 | 2.92 |
| 8 | (12) | Russia | 76 000 | 0.91 | 96.22 | 0.82 |
| 9 | (8) | Germany | 56 632 | 0.67 | 96.90 | 0.46 |
| 10 | (9) | Iran | 55 000 | 0.66 | 97.55 | 0.43 |
| 11 | (10) | Canada | 50 000 | 0.60 | 98.15 | 0.35 |
| 12 | (11) | Argentina | 48 000 | 0.57 | 98.72 | 0.33 |
| 13 | (13) | Brazil | 28 158 | 0.34 | 99.06 | 0.11 |
| 14 | (16) | United Kingdom | 16 674 | 0.20 | 99.26 | 0.04 |
| 15 | (14) | Turkey | 10 348 | 0.12 | 99.38 | 0.02 |
| 16 | (17) | Afghanistan | 10 000 | 0.12 | 99.50 | 0.01 |
| 17 | (18) | Tajikistan | 10 000 | 0.12 | 99.62 | 0.01 |
| 18 | (19) | Thailand | 9 766 | 0.12 | 99.73 | 0.01 |
| 19 | (21) | Pakistan | 7 841 | 0.09 | 99.83 | 0.01 |
| 20 | (15) | Nigeria | 6 275 | 0.07 | 99.90 | 0.01 |
| 21 | (20) | Korea, North | 6 000 | 0.07 | 99.97 | 0.01 |
| 22 | (22) | India | 1 237 | 0.01 | 99.99 | 0.00 |
| 23 | (23) | Egypt | 1 000 | 0.01 | 100.00 | 0.00 |
| Total | | | 8 391 911 | 100.00 | | HHI 4 383 |

Graphite

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 735 000 | 62.96 | 62.96 | 3 963.81 |
| 2 | (3) | Madagascar | 88 110 | 7.55 | 70.51 | 56.96 |
| 3 | (2) | Brazil | 78 555 | 6.73 | 77.24 | 45.28 |
| 4 | (6) | Mozambique | 77 116 | 6.61 | 83.84 | 43.63 |
| 5 | (5) | India | 57 264 | 4.91 | 88.75 | 24.06 |
| 6 | (4) | Korea, North | 30 000 | 2.57 | 91.32 | 6.60 |
| 7 | (7) | Turkey | 28 336 | 2.43 | 93.74 | 5.89 |
| 8 | (13) | Korea, South | 18 297 | 1.57 | 95.31 | 2.46 |
| 9 | (8) | Russia | 17 300 | 1.48 | 96.79 | 2.20 |
| 10 | (9) | Ukraine | 17 000 | 1.46 | 98.25 | 2.12 |
| 11 | (10) | Canada | 7 700 | 0.66 | 98.91 | 0.44 |
| 12 | (11) | Norway | 6 293 | 0.54 | 99.45 | 0.29 |
| 13 | (14) | Sri Lanka | 3 200 | 0.27 | 99.72 | 0.08 |
| 14 | (15) | Mexico | 1 778 | 0.15 | 99.87 | 0.02 |
| 15 | (12) | Vietnam | 1 200 | 0.10 | 99.98 | 0.01 |
| 16 | (16) | Germany | 181 | 0.02 | 99.99 | 0.00 |
| 17 | (17) | Austria | 100 | 0.01 | 100.00 | 0.00 |
| | | Total | 1 167 430 | 100.00 | | HHI 4 154 |

Gypsum and Anhydrite

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 25 000 000 | 14.47 | 14.47 | 209.24 |
| 2 | (2) | United States | 21 300 000 | 12.32 | 26.79 | 151.89 |
| 3 | (4) | Spain | 14 629 150 | 8.46 | 35.25 | 71.65 |
| 4 | (3) | Iran | 14 322 761 | 8.29 | 43.54 | 68.68 |
| 5 | (5) | Oman | 13 243 981 | 7.66 | 51.20 | 58.72 |
| 6 | (6) | Turkey | 10 620 061 | 6.14 | 57.35 | 37.76 |
| 7 | (7) | Thailand | 10 402 998 | 6.02 | 63.37 | 36.23 |
| 8 | (8) | Mexico | 6 386 777 | 3.70 | 67.06 | 13.66 |
| 9 | (10) | Germany | 5 470 000 | 3.16 | 70.23 | 10.02 |
| 10 | (11) | Russia | 4 629 000 | 2.68 | 72.91 | 7.17 |
| 11 | (13) | Australia | 4 168 380 | 2.41 | 75.32 | 5.82 |
| 12 | (12) | Saudi Arabia | 3 993 000 | 2.31 | 77.63 | 5.34 |
| 13 | (9) | India | 3 547 250 | 2.05 | 79.68 | 4.21 |
| 14 | (18) | France | 3 370 757 | 1.95 | 81.63 | 3.80 |
| 15 | (14) | Canada | 3 135 484 | 1.81 | 83.45 | 3.29 |
| 16 | (15) | Brazil | 2 887 575 | 1.67 | 85.12 | 2.79 |
| 17 | (17) | Pakistan | 2 527 215 | 1.46 | 86.58 | 2.14 |
| 18 | (16) | Algeria | 2 500 000 | 1.45 | 88.03 | 2.09 |
| 19 | (19) | Ukraine | 1 783 300 | 1.03 | 89.06 | 1.06 |
| 20 | (20) | United Kingdom | 1 300 000 | 0.75 | 89.81 | 0.57 |
| 21 | (28) | Laos | 1 221 959 | 0.71 | 90.52 | 0.50 |
| 22 | (21) | Poland | 1 123 000 | 0.65 | 91.17 | 0.42 |
| 23 | (24) | Chile | 1 007 206 | 0.58 | 91.75 | 0.34 |
| 24 | (22) | Iraq | 1 000 000 | 0.58 | 92.33 | 0.33 |
| 25 | (23) | Romania | 952 617 | 0.55 | 92.88 | 0.30 |
| 26 | (26) | Tunisia | 908 130 | 0.53 | 93.40 | 0.28 |
| 27 | (25) | Austria | 900 374 | 0.52 | 93.93 | 0.27 |

| | | | | | | |
|----|------|--------------------|-------------|--------|--------|---------|
| 28 | (30) | Greece | 900 000 | 0.52 | 94.45 | 0.27 |
| 29 | (27) | Egypt | 800 000 | 0.46 | 94.91 | 0.21 |
| 30 | (31) | Argentina | 690 000 | 0.40 | 95.31 | 0.16 |
| 31 | (29) | Cyprus | 661 175 | 0.38 | 95.69 | 0.15 |
| 32 | (32) | Tanzania | 598 053 | 0.35 | 96.04 | 0.12 |
| 33 | (50) | Peru | 435 459 | 0.25 | 96.29 | 0.06 |
| 34 | (38) | Azerbaijan | 417 892 | 0.24 | 96.53 | 0.06 |
| 35 | (35) | Bhutan | 403 753 | 0.23 | 96.76 | 0.05 |
| 36 | (48) | Jordan | 399 968 | 0.23 | 97.00 | 0.05 |
| 37 | (34) | Latvia | 383 990 | 0.22 | 97.22 | 0.05 |
| 38 | (37) | Dominican Republic | 329 630 | 0.19 | 97.41 | 0.04 |
| 39 | (36) | Switzerland | 320 000 | 0.19 | 97.59 | 0.03 |
| 40 | (39) | Moldova | 307 900 | 0.18 | 97.77 | 0.03 |
| 41 | (53) | Bosnia-Herzegovina | 297 225 | 0.17 | 97.94 | 0.03 |
| 42 | (40) | Colombia | 293 186 | 0.17 | 98.11 | 0.03 |
| 43 | (44) | Croatia | 285 966 | 0.17 | 98.28 | 0.03 |
| 44 | (46) | South Africa | 277 376 | 0.16 | 98.44 | 0.03 |
| 45 | (43) | North Macedonia | 273 497 | 0.16 | 98.60 | 0.03 |
| 46 | (42) | Ethiopia | 255 000 | 0.15 | 98.75 | 0.02 |
| 47 | (45) | Portugal | 254 913 | 0.15 | 98.89 | 0.02 |
| 48 | (47) | Libya | 200 000 | 0.12 | 99.01 | 0.01 |
| 49 | (57) | Kazakhstan | 184 700 | 0.11 | 99.12 | 0.01 |
| 50 | (33) | Guatemala | 138 552 | 0.08 | 99.20 | 0.01 |
| 51 | (49) | Sudan | 136 000 | 0.08 | 99.27 | 0.01 |
| 52 | (55) | Albania | 116 295 | 0.07 | 99.34 | 0.00 |
| 53 | (56) | Mongolia | 111 400 | 0.06 | 99.41 | 0.00 |
| 54 | (52) | Ireland | 110 000 | 0.06 | 99.47 | 0.00 |
| 55 | (58) | Norway | 92 794 | 0.05 | 99.52 | 0.00 |
| 56 | (59) | Georgia | 90 000 | 0.05 | 99.58 | 0.00 |
| 57 | (65) | Bulgaria | 77 400 | 0.04 | 99.62 | 0.00 |
| 58 | (54) | Mauritania | 70 000 | 0.04 | 99.66 | 0.00 |
| 59 | (61) | Syria | 70 000 | 0.04 | 99.70 | 0.00 |
| 60 | (60) | Slovakia | 66 600 | 0.04 | 99.74 | 0.00 |
| 61 | (62) | Jamaica | 66 000 | 0.04 | 99.78 | 0.00 |
| 62 | (64) | Cuba | 53 200 | 0.03 | 99.81 | 0.00 |
| 63 | (41) | Myanmar | 51 240 | 0.03 | 99.84 | 0.00 |
| 64 | (67) | Angola | 50 000 | 0.03 | 99.87 | 0.00 |
| 65 | (66) | Honduras | 45 000 | 0.03 | 99.89 | 0.00 |
| 66 | (70) | Kyrgyzstan | 31 680 | 0.02 | 99.91 | 0.00 |
| 67 | (69) | Armenia | 26 885 | 0.02 | 99.93 | 0.00 |
| 68 | (72) | Yemen | 20 000 | 0.01 | 99.94 | 0.00 |
| 69 | (63) | Nicaragua | 19 999 | 0.01 | 99.95 | 0.00 |
| 70 | (73) | Eritrea | 18 000 | 0.01 | 99.96 | 0.00 |
| 71 | (74) | Czech Republic | 17 000 | 0.01 | 99.97 | 0.00 |
| 72 | (71) | Afghanistan | 16 349 | 0.01 | 99.98 | 0.00 |
| 73 | (68) | Nigeria | 13 401 | 0.01 | 99.99 | 0.00 |
| 74 | (75) | Tajikistan | 10 000 | 0.01 | 99.99 | 0.00 |
| 75 | (76) | Kenya | 6 000 | 0.00 | 100.00 | 0.00 |
| 76 | (77) | Paraguay | 4 500 | 0.00 | 100.00 | 0.00 |
| 77 | (78) | Bolivia | 1 000 | 0.00 | 100.00 | 0.00 |
| | | Total | 172 829 953 | 100.00 | | HHI 700 |

Kaolin

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | India | 8 000 000 | 18.46 | 18.46 | 340.78 |
| 2 | (2) | China | 6 400 000 | 14.77 | 33.23 | 218.10 |
| 3 | (3) | Germany | 5 291 000 | 12.21 | 45.44 | 149.06 |
| 4 | (4) | United States | 4 300 000 | 9.92 | 55.36 | 98.45 |
| 5 | (5) | Czech Republic | 3 454 000 | 7.97 | 63.33 | 63.52 |
| 6 | (8) | Ukraine | 2 317 723 | 5.35 | 68.68 | 28.60 |
| 7 | (6) | Russia | 2 193 800 | 5.06 | 73.74 | 25.63 |
| 8 | (11) | Turkey | 1 748 014 | 4.03 | 77.77 | 16.27 |
| 9 | (9) | Indonesia | 1 568 000 | 3.62 | 81.39 | 13.09 |
| 10 | (7) | Iran | 1 348 232 | 3.11 | 84.50 | 9.68 |
| 11 | (10) | Brazil | 1 153 884 | 2.66 | 87.17 | 7.09 |
| 12 | (12) | United Kingdom | 620 000 | 1.43 | 88.60 | 2.05 |
| 13 | (14) | Uzbekistan | 413 910 | 0.96 | 89.55 | 0.91 |
| 14 | (16) | Portugal | 387 223 | 0.89 | 90.45 | 0.80 |
| 15 | (18) | Bulgaria | 380 000 | 0.88 | 91.32 | 0.77 |
| 16 | (13) | Korea, South | 352 003 | 0.81 | 92.13 | 0.66 |
| 17 | (17) | Poland | 315 040 | 0.73 | 92.86 | 0.53 |
| 18 | (19) | Spain | 303 743 | 0.70 | 93.56 | 0.49 |
| 19 | (22) | France | 289 057 | 0.67 | 94.23 | 0.44 |
| 20 | (21) | Serbia | 249 000 | 0.57 | 94.80 | 0.33 |
| 21 | (23) | Egypt | 230 000 | 0.53 | 95.33 | 0.28 |
| 22 | (15) | Malaysia | 228 605 | 0.53 | 95.86 | 0.28 |
| 23 | (24) | Saudi Arabia | 224 000 | 0.52 | 96.38 | 0.27 |
| 24 | (20) | Mexico | 223 332 | 0.52 | 96.89 | 0.27 |
| 25 | (25) | Italy | 180 000 | 0.42 | 97.31 | 0.17 |
| 26 | (26) | Australia | 173 187 | 0.40 | 97.71 | 0.16 |
| 27 | (31) | Thailand | 124 798 | 0.29 | 98.00 | 0.08 |
| 28 | (28) | Algeria | 120 000 | 0.28 | 98.27 | 0.08 |
| 29 | (30) | Tanzania | 100 950 | 0.23 | 98.51 | 0.05 |
| 30 | (29) | Vietnam | 100 000 | 0.23 | 98.74 | 0.05 |
| 31 | (38) | Colombia | 70 032 | 0.16 | 98.90 | 0.03 |
| 32 | (27) | Bosnia-Herzegovina | 62 599 | 0.14 | 99.04 | 0.02 |
| 33 | (33) | New Zealand | 55 000 | 0.13 | 99.17 | 0.02 |
| 34 | (35) | Chile | 49 533 | 0.11 | 99.29 | 0.01 |
| 35 | (36) | Slovakia | 38 780 | 0.09 | 99.37 | 0.01 |
| 36 | (32) | Oman | 35 350 | 0.08 | 99.46 | 0.01 |
| 37 | (37) | Sri Lanka | 30 000 | 0.07 | 99.53 | 0.00 |
| 38 | (39) | South Africa | 29 168 | 0.07 | 99.59 | 0.00 |
| 39 | (34) | Philippines | 27 700 | 0.06 | 99.66 | 0.00 |
| 40 | (40) | Argentina | 25 000 | 0.06 | 99.71 | 0.00 |
| 41 | (49) | Nigeria | 23 530 | 0.05 | 99.77 | 0.00 |
| 42 | (42) | Kyrgyzstan | 15 000 | 0.03 | 99.80 | 0.00 |
| 43 | (44) | Austria | 13 500 | 0.03 | 99.83 | 0.00 |
| 44 | (45) | Peru | 13 142 | 0.03 | 99.86 | 0.00 |
| 45 | (43) | Pakistan | 12 309 | 0.03 | 99.89 | 0.00 |
| 46 | (47) | Japan | 12 000 | 0.03 | 99.92 | 0.00 |
| 47 | (48) | Jordan | 11 000 | 0.03 | 99.95 | 0.00 |
| 48 | (46) | Uganda | 10 000 | 0.02 | 99.97 | 0.00 |
| 49 | (50) | Paraguay | 6 000 | 0.01 | 99.98 | 0.00 |
| 50 | (41) | Sudan | 3 700 | 0.01 | 99.99 | 0.00 |
| 51 | (51) | Cuba | 1 375 | 0.00 | 99.99 | 0.00 |

| | | | | | | |
|----|------|-----------|------------|--------|--------|---------|
| 52 | (52) | Ethiopia | 1 000 | 0.00 | 100.00 | 0.00 |
| 53 | (53) | Kenya | 900 | 0.00 | 100.00 | 0.00 |
| 54 | (55) | Guatemala | 295 | 0.00 | 100.00 | 0.00 |
| 55 | (54) | Taiwan | 30 | 0.00 | 100.00 | 0.00 |
| | | Total | 43 336 444 | 100.00 | | HHI 979 |

Magnesite

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 18 000 000 | 64.26 | 64.26 | 4 128.78 |
| 2 | (2) | Turkey | 1 927 280 | 6.88 | 71.14 | 47.33 |
| 3 | (3) | Brazil | 1 800 000 | 6.43 | 77.56 | 41.29 |
| 4 | (4) | Russia | 1 108 700 | 3.96 | 81.52 | 15.66 |
| 5 | (6) | Australia | 893 623 | 3.19 | 84.71 | 10.18 |
| 6 | (5) | Austria | 844 226 | 3.01 | 87.72 | 9.08 |
| 7 | (7) | Slovakia | 781 600 | 2.79 | 90.51 | 7.78 |
| 8 | (8) | Spain | 703 834 | 2.51 | 93.03 | 6.31 |
| 9 | (9) | United States | 442 976 | 1.58 | 94.61 | 2.50 |
| 10 | (10) | Greece | 336 000 | 1.20 | 95.81 | 1.44 |
| 11 | (12) | Saudi Arabia | 250 000 | 0.89 | 96.70 | 0.80 |
| 12 | (11) | Iran | 248 376 | 0.89 | 97.59 | 0.79 |
| 13 | (13) | Canada | 180 000 | 0.64 | 98.23 | 0.41 |
| 14 | (14) | Finland | 179 781 | 0.64 | 98.87 | 0.41 |
| 15 | (16) | India | 113 495 | 0.41 | 99.27 | 0.16 |
| 16 | (15) | Korea, North | 100 000 | 0.36 | 99.63 | 0.13 |
| 17 | (17) | Poland | 65 820 | 0.23 | 99.87 | 0.06 |
| 18 | (18) | Pakistan | 15 120 | 0.05 | 99.92 | 0.00 |
| 19 | (20) | Guatemala | 14 100 | 0.05 | 99.97 | 0.00 |
| 20 | (19) | South Africa | 5 000 | 0.02 | 99.99 | 0.00 |
| 21 | (21) | Cuba | 3 000 | 0.01 | 100.00 | 0.00 |
| 22 | (23) | Bosnia-Herzegovina | 196 | 0.00 | 100.00 | 0.00 |
| | | Total | 28 013 127 | 100.00 | | HHI 4 273 |

Perlite

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Turkey | 1 428 695 | 38.59 | 38.59 | 1 488.84 |
| 2 | (3) | Greece | 975 000 | 26.33 | 64.92 | 693.39 |
| 3 | (2) | United States | 884 000 | 23.87 | 88.79 | 570.00 |
| 4 | (4) | Armenia | 168 242 | 4.54 | 93.34 | 20.65 |
| 5 | (5) | Iran | 77 024 | 2.08 | 95.42 | 4.33 |
| 6 | (6) | Russia | 45 000 | 1.22 | 96.63 | 1.48 |
| 7 | (7) | Hungary | 44 000 | 1.19 | 97.82 | 1.41 |
| 8 | (8) | Slovakia | 37 240 | 1.01 | 98.83 | 1.01 |
| 9 | (10) | Argentina | 18 016 | 0.49 | 99.31 | 0.24 |
| 10 | (9) | Georgia | 12 500 | 0.34 | 99.65 | 0.11 |

| | | | | | | |
|----|------|--------------|-----------|--------|--------|-----------|
| 11 | (**) | Philippines | 4 631 | 0.13 | 99.78 | 0.02 |
| 12 | (12) | Australia | 3 821 | 0.10 | 99.88 | 0.01 |
| 13 | (11) | Thailand | 3 500 | 0.09 | 99.97 | 0.01 |
| 14 | (13) | South Africa | 1 000 | 0.03 | 100.00 | 0.00 |
| | | Total | 3 702 669 | 100.00 | | HHI 2 781 |

Phosphate Rock (P₂O₅-Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 30 869 700 | 40.96 | 40.96 | 1 677.48 |
| 2 | (2) | Morocco | 12 176 200 | 16.16 | 57.11 | 260.99 |
| 3 | (3) | United States | 6 070 000 | 8.05 | 65.17 | 64.86 |
| 4 | (4) | Russia | 5 517 800 | 7.32 | 72.49 | 53.60 |
| 5 | (5) | Peru | 4 094 930 | 5.43 | 77.92 | 29.52 |
| 6 | (6) | Jordan | 3 204 880 | 4.25 | 82.17 | 18.08 |
| 7 | (7) | Saudi Arabia | 2 730 000 | 3.62 | 85.79 | 13.12 |
| 8 | (8) | Brazil | 1 765 000 | 2.34 | 88.14 | 5.48 |
| 9 | (11) | Tunisia | 1 080 700 | 1.43 | 89.57 | 2.06 |
| 10 | (10) | Egypt | 986 000 | 1.31 | 90.88 | 1.71 |
| 11 | (12) | Senegal | 792 800 | 1.05 | 91.93 | 1.11 |
| 12 | (9) | Israel | 777 900 | 1.03 | 92.96 | 1.07 |
| 13 | (16) | South Africa | 767 600 | 1.02 | 93.98 | 1.04 |
| 14 | (18) | Algeria | 612 000 | 0.81 | 94.79 | 0.66 |
| 15 | (13) | Vietnam | 598 400 | 0.79 | 95.59 | 0.63 |
| 16 | (15) | Togo | 538 860 | 0.71 | 96.30 | 0.51 |
| 17 | (17) | Kazakhstan | 426 420 | 0.57 | 96.87 | 0.32 |
| 18 | (14) | Syria | 400 000 | 0.53 | 97.40 | 0.28 |
| 19 | (19) | Finland | 363 720 | 0.48 | 97.88 | 0.23 |
| 20 | (20) | India | 323 750 | 0.43 | 98.31 | 0.18 |
| 21 | (21) | Iraq | 300 000 | 0.40 | 98.71 | 0.16 |
| 22 | (22) | Turkey | 287 100 | 0.38 | 99.09 | 0.15 |
| 23 | (24) | Uzbekistan | 150 000 | 0.20 | 99.29 | 0.04 |
| 24 | (27) | Mexico | 136 900 | 0.18 | 99.47 | 0.03 |
| 25 | (25) | Christmas Island | 120 290 | 0.16 | 99.63 | 0.03 |
| 26 | (28) | Nauru | 102 500 | 0.14 | 99.76 | 0.02 |
| 27 | (26) | Iran | 83 900 | 0.11 | 99.88 | 0.01 |
| 28 | (30) | Sri Lanka | 23 880 | 0.03 | 99.91 | 0.00 |
| 29 | (31) | Pakistan | 21 640 | 0.03 | 99.94 | 0.00 |
| 30 | (29) | Venezuela | 20 000 | 0.03 | 99.96 | 0.00 |
| 31 | (33) | Zimbabwe | 11 900 | 0.02 | 99.98 | 0.00 |
| 32 | (32) | Colombia | 9 470 | 0.01 | 99.99 | 0.00 |
| 33 | (34) | Tanzania | 5 390 | 0.01 | 100.00 | 0.00 |
| 34 | (35) | Chile | 620 | 0.00 | 100.00 | 0.00 |
| 35 | (36) | Cuba | 410 | 0.00 | 100.00 | 0.00 |
| 36 | (23) | Australia | 170 | 0.00 | 100.00 | 0.00 |
| | | Total | 75 370 830 | 100.00 | | HHI 2 133 |

Potash (K₂O-Content)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Canada | 13 096 467 | 29.00 | 29.00 | 841.22 |
| 2 | (2) | Russia | 8 890 000 | 19.69 | 48.69 | 387.62 |
| 3 | (3) | Belarus | 7 750 000 | 17.16 | 65.86 | 294.58 |
| 4 | (4) | China | 5 814 600 | 12.88 | 78.73 | 165.82 |
| 5 | (5) | Germany | 2 793 326 | 6.19 | 84.92 | 38.27 |
| 6 | (6) | Israel | 2 379 000 | 5.27 | 90.19 | 27.76 |
| 7 | (7) | Jordan | 1 563 430 | 3.46 | 93.65 | 11.99 |
| 8 | (8) | Chile | 891 450 | 1.97 | 95.62 | 3.90 |
| 9 | (10) | Laos | 507 600 | 1.12 | 96.75 | 1.26 |
| 10 | (9) | United States | 480 000 | 1.06 | 97.81 | 1.13 |
| 11 | (11) | Spain | 375 779 | 0.83 | 98.64 | 0.69 |
| 12 | (12) | Brazil | 213 028 | 0.47 | 99.11 | 0.22 |
| 13 | (13) | Uzbekistan | 197 600 | 0.44 | 99.55 | 0.19 |
| 14 | (14) | United Kingdom | 110 460 | 0.24 | 99.80 | 0.06 |
| 15 | (15) | Iran | 40 000 | 0.09 | 99.89 | 0.01 |
| 16 | (17) | Bolivia | 32 600 | 0.07 | 99.96 | 0.01 |
| 17 | (16) | Turkmenistan | 19 000 | 0.04 | 100.00 | 0.00 |
| | | Total | 45 154 340 | 100.00 | | HHI 1 775 |

Salt

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 57 065 100 | 20.84 | 20.84 | 434.49 |
| 2 | (2) | United States | 42 000 000 | 15.34 | 36.19 | 235.36 |
| 3 | (3) | India | 26 602 000 | 9.72 | 45.90 | 94.42 |
| 4 | (4) | Germany | 17 668 456 | 6.45 | 52.36 | 41.65 |
| 5 | (6) | Australia | 12 574 025 | 4.59 | 56.95 | 21.10 |
| 6 | (5) | Canada | 11 817 928 | 4.32 | 61.27 | 18.63 |
| 7 | (7) | Chile | 8 565 307 | 3.13 | 64.40 | 9.79 |
| 8 | (11) | Russia | 8 242 000 | 3.01 | 67.41 | 9.06 |
| 9 | (9) | Turkey | 7 843 502 | 2.87 | 70.27 | 8.21 |
| 10 | (8) | Mexico | 7 644 755 | 2.79 | 73.06 | 7.80 |
| 11 | (10) | Brazil | 6 534 300 | 2.39 | 75.45 | 5.70 |
| 12 | (12) | Netherlands | 6 120 742 | 2.24 | 77.69 | 5.00 |
| 13 | (13) | France | 5 543 040 | 2.02 | 79.71 | 4.10 |
| 14 | (15) | Poland | 5 369 000 | 1.96 | 81.67 | 3.85 |
| 15 | (14) | Spain | 4 202 939 | 1.54 | 83.21 | 2.36 |
| 16 | (16) | Pakistan | 3 592 205 | 1.31 | 84.52 | 1.72 |
| 17 | (18) | Bulgaria | 3 300 000 | 1.21 | 85.72 | 1.45 |
| 18 | (17) | Iran | 3 083 719 | 1.13 | 86.85 | 1.27 |
| 19 | (20) | Saudi Arabia | 2 331 000 | 0.85 | 87.70 | 0.72 |
| 20 | (19) | United Kingdom | 2 320 000 | 0.85 | 88.55 | 0.72 |
| 21 | (27) | Belarus | 2 265 000 | 0.83 | 89.38 | 0.68 |
| 22 | (21) | Ukraine | 1 900 000 | 0.69 | 90.07 | 0.48 |
| 23 | (22) | Tunisia | 1 889 614 | 0.69 | 90.76 | 0.48 |
| 24 | (23) | Bangladesh | 1 651 000 | 0.60 | 91.36 | 0.36 |
| 25 | (24) | Thailand | 1 563 970 | 0.57 | 91.94 | 0.33 |
| 26 | (28) | Italy | 1 500 458 | 0.55 | 92.48 | 0.30 |
| 27 | (29) | Romania | 1 328 738 | 0.49 | 92.97 | 0.24 |

| | | | | | | |
|----|------|--------------------|-----------|------|-------|------|
| 28 | (33) | Argentina | 1 300 000 | 0.47 | 93.44 | 0.23 |
| 29 | (30) | Vietnam | 1 287 200 | 0.47 | 93.91 | 0.22 |
| 30 | (26) | Kazakhstan | 1 231 996 | 0.45 | 94.36 | 0.20 |
| 31 | (31) | Peru | 1 175 828 | 0.43 | 94.79 | 0.18 |
| 32 | (32) | Austria | 1 117 586 | 0.41 | 95.20 | 0.17 |
| 33 | (25) | Indonesia | 1 100 000 | 0.40 | 95.60 | 0.16 |
| 34 | (34) | Namibia | 1 014 873 | 0.37 | 95.97 | 0.14 |
| 35 | (35) | Bosnia-Herzegovina | 966 358 | 0.35 | 96.33 | 0.12 |
| 36 | (36) | Japan | 855 000 | 0.31 | 96.64 | 0.10 |
| 37 | (38) | Denmark | 600 000 | 0.22 | 96.86 | 0.05 |
| 38 | (39) | South Africa | 545 942 | 0.20 | 97.06 | 0.04 |
| 39 | (47) | Switzerland | 512 700 | 0.19 | 97.25 | 0.04 |
| 40 | (40) | Korea, North | 500 000 | 0.18 | 97.43 | 0.03 |
| 41 | (41) | Egypt | 500 000 | 0.18 | 97.61 | 0.03 |
| 42 | (42) | Venezuela | 500 000 | 0.18 | 97.79 | 0.03 |
| 43 | (44) | Botswana | 499 527 | 0.18 | 97.98 | 0.03 |
| 44 | (37) | Bahamas | 368 702 | 0.13 | 98.11 | 0.02 |
| 45 | (45) | Colombia | 342 497 | 0.13 | 98.24 | 0.02 |
| 46 | (48) | Eritrea | 320 000 | 0.12 | 98.35 | 0.01 |
| 47 | (46) | Ghana | 300 000 | 0.11 | 98.46 | 0.01 |
| 48 | (49) | Iraq | 300 000 | 0.11 | 98.57 | 0.01 |
| 49 | (43) | Morocco | 295 741 | 0.11 | 98.68 | 0.01 |
| 50 | (57) | Korea, South | 280 876 | 0.10 | 98.78 | 0.01 |
| 51 | (50) | Senegal | 280 599 | 0.10 | 98.89 | 0.01 |
| 52 | (51) | Israel | 260 000 | 0.09 | 98.98 | 0.01 |
| 53 | (55) | Greece | 210 000 | 0.08 | 99.06 | 0.01 |
| 54 | (54) | Cuba | 204 600 | 0.07 | 99.13 | 0.01 |
| 55 | (58) | Angola | 182 600 | 0.07 | 99.20 | 0.00 |
| 56 | (53) | Myanmar | 161 774 | 0.06 | 99.26 | 0.00 |
| 57 | (59) | Ethiopia | 125 000 | 0.05 | 99.30 | 0.00 |
| 58 | (52) | Sudan | 121 000 | 0.04 | 99.35 | 0.00 |
| 59 | (66) | Tanzania | 112 995 | 0.04 | 99.39 | 0.00 |
| 60 | (60) | Croatia | 111 319 | 0.04 | 99.43 | 0.00 |
| 61 | (61) | Madagascar | 110 000 | 0.04 | 99.47 | 0.00 |
| 62 | (64) | Algeria | 100 000 | 0.04 | 99.51 | 0.00 |
| 63 | (56) | Philippines | 100 000 | 0.04 | 99.54 | 0.00 |
| 64 | (62) | New Zealand | 100 000 | 0.04 | 99.58 | 0.00 |
| 65 | (65) | Turkmenistan | 96 000 | 0.04 | 99.61 | 0.00 |
| 66 | (63) | Portugal | 94 778 | 0.03 | 99.65 | 0.00 |
| 67 | (68) | Taiwan | 77 297 | 0.03 | 99.68 | 0.00 |
| 68 | (69) | Azerbaijan | 71 495 | 0.03 | 99.70 | 0.00 |
| 69 | (70) | Syria | 70 000 | 0.03 | 99.73 | 0.00 |
| 70 | (67) | Cambodia | 68 682 | 0.03 | 99.75 | 0.00 |
| 71 | (71) | Honduras | 63 500 | 0.02 | 99.78 | 0.00 |
| 72 | (72) | Sri Lanka | 63 254 | 0.02 | 99.80 | 0.00 |
| 73 | (73) | Kuwait | 60 000 | 0.02 | 99.82 | 0.00 |
| 74 | (74) | Nicaragua | 55 000 | 0.02 | 99.84 | 0.00 |
| 75 | (75) | Yemen | 50 000 | 0.02 | 99.86 | 0.00 |
| 76 | (76) | Jordan | 42 359 | 0.02 | 99.88 | 0.00 |
| 77 | (78) | Libya | 40 000 | 0.01 | 99.89 | 0.00 |
| 78 | (77) | Mozambique | 34 453 | 0.01 | 99.90 | 0.00 |
| 79 | (79) | Albania | 30 000 | 0.01 | 99.91 | 0.00 |
| 80 | (80) | El Salvador | 30 000 | 0.01 | 99.92 | 0.00 |
| 81 | (81) | Tajikistan | 26 169 | 0.01 | 99.93 | 0.00 |
| 82 | (83) | Armenia | 25 948 | 0.01 | 99.94 | 0.00 |
| 83 | (82) | Panama | 23 593 | 0.01 | 99.95 | 0.00 |
| 84 | (85) | Bolivia | 21 777 | 0.01 | 99.96 | 0.00 |
| 85 | (84) | Dominican Republic | 20 000 | 0.01 | 99.97 | 0.00 |
| 86 | (91) | Norway | 13 000 | 0.00 | 99.97 | 0.00 |
| 87 | (86) | Afghanistan | 10 700 | 0.00 | 99.98 | 0.00 |
| 88 | (87) | Oman | 10 142 | 0.00 | 99.98 | 0.00 |
| 89 | (88) | Jamaica | 10 000 | 0.00 | 99.98 | 0.00 |

| | | | | | | |
|-------|-------|------------|-------------|--------|--------|---------|
| 90 | (93) | Kenya | 7 099 | 0.00 | 99.99 | 0.00 |
| 91 | (94) | Laos | 6 846 | 0.00 | 99.99 | 0.00 |
| 92 | (89) | Serbia | 6 469 | 0.00 | 99.99 | 0.00 |
| 93 | (90) | Kyrgyzstan | 6 000 | 0.00 | 99.99 | 0.00 |
| 94 | (92) | Iceland | 5 000 | 0.00 | 100.00 | 0.00 |
| 95 | (95) | Lebanon | 3 000 | 0.00 | 100.00 | 0.00 |
| 96 | (97) | Cape Verde | 2 621 | 0.00 | 100.00 | 0.00 |
| 97 | (98) | Mauritius | 2 200 | 0.00 | 100.00 | 0.00 |
| 98 | (100) | Slovenia | 1 671 | 0.00 | 100.00 | 0.00 |
| 99 | 99) | Malta | 1 600 | 0.00 | 100.00 | 0.00 |
| 100 | (96) | Mongolia | 1 349 | 0.00 | 100.00 | 0.00 |
| 101 | (101) | Benin | 500 | 0.00 | 100.00 | 0.00 |
| Total | | | 273 766 013 | 100.00 | | HHI 912 |

Sulfur

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 15 730 000 | 20.48 | 20.48 | 419.26 |
| 2 | (2) | United States | 8 070 000 | 10.50 | 30.98 | 110.35 |
| 3 | (4) | Saudi Arabia | 6 600 000 | 8.59 | 39.57 | 73.81 |
| 4 | (5) | United Arab Emirates | 5 396 000 | 7.02 | 46.60 | 49.34 |
| 5 | (6) | Canada | 4 879 000 | 6.35 | 52.95 | 40.34 |
| 6 | (3) | Russia | 4 690 900 | 6.11 | 59.05 | 37.29 |
| 7 | (7) | Kazakhstan | 3 993 100 | 5.20 | 64.25 | 27.02 |
| 8 | (8) | India | 3 681 000 | 4.79 | 69.04 | 22.96 |
| 9 | (9) | Japan | 3 150 100 | 4.10 | 73.14 | 16.81 |
| 10 | (13) | Qatar | 2 100 000 | 2.73 | 75.88 | 7.47 |
| 11 | (10) | Iran | 2 000 000 | 2.60 | 78.48 | 6.78 |
| 12 | (11) | Korea, South | 2 000 000 | 2.60 | 81.08 | 6.78 |
| 13 | (12) | Chile | 1 655 100 | 2.15 | 83.24 | 4.64 |
| 14 | (14) | Poland | 1 058 800 | 1.38 | 84.62 | 1.90 |
| 15 | (18) | Kuwait | 959 000 | 1.25 | 85.86 | 1.56 |
| 16 | (16) | Australia | 900 000 | 1.17 | 87.04 | 1.37 |
| 17 | (17) | Finland | 737 600 | 0.96 | 88.00 | 0.92 |
| 18 | (15) | Zambia | 691 900 | 0.90 | 88.90 | 0.81 |
| 19 | (19) | Spain | 687 600 | 0.90 | 89.79 | 0.80 |
| 20 | (26) | Italy | 613 100 | 0.80 | 90.59 | 0.64 |
| 21 | (20) | Philippines | 600 000 | 0.78 | 91.37 | 0.61 |
| 22 | (25) | Turkmenistan | 590 000 | 0.77 | 92.14 | 0.59 |
| 23 | (24) | Peru | 529 900 | 0.69 | 92.83 | 0.48 |
| 24 | (22) | Indonesia | 500 000 | 0.65 | 93.48 | 0.42 |
| 25 | (28) | France | 450 000 | 0.59 | 94.07 | 0.34 |
| 26 | (27) | Brazil | 435 000 | 0.57 | 94.63 | 0.32 |
| 27 | (23) | Bulgaria | 434 500 | 0.57 | 95.20 | 0.32 |
| 28 | (29) | Germany | 382 049 | 0.50 | 95.69 | 0.25 |
| 29 | (30) | Sweden | 344 000 | 0.45 | 96.14 | 0.20 |
| 30 | (33) | Jordan | 316 540 | 0.41 | 96.55 | 0.17 |
| 31 | (32) | Venezuela | 300 000 | 0.39 | 96.94 | 0.15 |
| 32 | (31) | Cuba | 278 900 | 0.36 | 97.31 | 0.13 |
| 33 | (35) | Ukraine | 255 600 | 0.33 | 97.64 | 0.11 |
| 34 | (36) | Greece | 250 000 | 0.33 | 97.97 | 0.11 |
| 35 | (34) | Mexico | 219 439 | 0.29 | 98.25 | 0.08 |
| 36 | (37) | Taiwan | 192 228 | 0.25 | 98.50 | 0.06 |
| 37 | (38) | Libya | 130 000 | 0.17 | 98.67 | 0.03 |
| 38 | (39) | Bahrain | 130 000 | 0.17 | 98.84 | 0.03 |
| 39 | (40) | Turkey | 110 600 | 0.14 | 98.98 | 0.02 |

| | | | | | | |
|----|------|----------------|------------|--------|--------|---------|
| 40 | (41) | United Kingdom | 110 000 | 0.14 | 99.13 | 0.02 |
| 41 | (42) | Norway | 100 000 | 0.13 | 99.26 | 0.02 |
| 42 | (44) | Oman | 87 765 | 0.11 | 99.37 | 0.01 |
| 43 | (45) | Egypt | 80 000 | 0.10 | 99.48 | 0.01 |
| 44 | (48) | Iraq | 74 000 | 0.10 | 99.57 | 0.01 |
| 45 | (46) | Lithuania | 72 990 | 0.10 | 99.67 | 0.01 |
| 46 | (47) | Colombia | 70 000 | 0.09 | 99.76 | 0.01 |
| 47 | (43) | Namibia | 65 500 | 0.09 | 99.84 | 0.01 |
| 48 | (21) | South Africa | 61 929 | 0.08 | 99.92 | 0.01 |
| 49 | (49) | Pakistan | 19 398 | 0.03 | 99.95 | 0.00 |
| 50 | (50) | Armenia | 14 100 | 0.02 | 99.97 | 0.00 |
| 51 | (51) | Korea, North | 10 000 | 0.01 | 99.98 | 0.00 |
| 52 | (53) | Algeria | 6 000 | 0.01 | 99.99 | 0.00 |
| 53 | (52) | Austria | 4 755 | 0.01 | 99.99 | 0.00 |
| 54 | (54) | Denmark | 4 090 | 0.01 | 100.00 | 0.00 |
| | | Total | 76 822 483 | 100.00 | | HHI 835 |

Talc

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | India | 1 575 000 | 20.47 | 20.47 | 418.90 |
| 2 | (2) | China | 1 400 000 | 18.19 | 38.66 | 330.98 |
| 3 | (3) | Brazil | 660 000 | 8.58 | 47.24 | 73.56 |
| 4 | (4) | United States | 577 000 | 7.50 | 54.73 | 56.22 |
| 5 | (16) | Afghanistan | 441 372 | 5.74 | 60.47 | 32.90 |
| 6 | (6) | Korea, South | 355 104 | 4.61 | 65.08 | 21.29 |
| 7 | (5) | France | 350 000 | 4.55 | 69.63 | 20.69 |
| 8 | (7) | Finland | 296 833 | 3.86 | 73.49 | 14.88 |
| 9 | (11) | Pakistan | 289 423 | 3.76 | 77.25 | 14.15 |
| 10 | (17) | South Africa | 270 944 | 3.52 | 80.77 | 12.40 |
| 11 | (12) | Turkey | 220 350 | 2.86 | 83.64 | 8.20 |
| 12 | (8) | Italy | 165 000 | 2.14 | 85.78 | 4.60 |
| 13 | (9) | Japan | 160 000 | 2.08 | 87.86 | 4.32 |
| 14 | (13) | Austria | 157 493 | 2.05 | 89.91 | 4.19 |
| 15 | (10) | Canada | 153 000 | 1.99 | 91.89 | 3.95 |
| 16 | (18) | Slovakia | 99 900 | 1.30 | 93.19 | 1.69 |
| 17 | (14) | Australia | 90 000 | 1.17 | 94.36 | 1.37 |
| 18 | (19) | Iran | 74 537 | 0.97 | 95.33 | 0.94 |
| 19 | (27) | Nigeria | 65 061 | 0.85 | 96.18 | 0.71 |
| 20 | (20) | Saudi Arabia | 64 000 | 0.83 | 97.01 | 0.69 |
| 21 | (22) | Peru | 50 355 | 0.65 | 97.66 | 0.43 |
| 22 | (15) | Russia | 50 000 | 0.65 | 98.31 | 0.42 |
| 23 | (21) | Thailand | 31 950 | 0.42 | 98.73 | 0.17 |
| 24 | (23) | Korea, North | 30 000 | 0.39 | 99.12 | 0.15 |
| 25 | (24) | Mexico | 29 000 | 0.38 | 99.49 | 0.14 |
| 26 | (25) | Egypt | 15 000 | 0.19 | 99.69 | 0.04 |
| 27 | (26) | Portugal | 8 277 | 0.11 | 99.80 | 0.01 |
| 28 | (**) | Sudan | 4 500 | 0.06 | 99.85 | 0.00 |
| 29 | (28) | Nepal | 4 450 | 0.06 | 99.91 | 0.00 |
| 30 | (29) | Guatemala | 2 111 | 0.03 | 99.94 | 0.00 |
| 31 | (31) | Argentina | 1 800 | 0.02 | 99.96 | 0.00 |
| 32 | (32) | United Kingdom | 1 500 | 0.02 | 99.98 | 0.00 |

| | | | | | | |
|-------|------|----------|-----------|--------|--------|-----------|
| 33 | (33) | Bhutan | 678 | 0.01 | 99.99 | 0.00 |
| 34 | (35) | Uruguay | 570 | 0.01 | 100.00 | 0.00 |
| 35 | (34) | Colombia | 45 | 0.00 | 100.00 | 0.00 |
| 36 | (**) | Taiwan | 43 | 0.00 | 100.00 | 0.00 |
| Total | | | 7 695 296 | 100.00 | | HHI 1 028 |

Vermiculite

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | South Africa | 217 109 | 42.08 | 42.08 | 1 770.43 |
| 2 | (2) | United States | 100 000 | 19.38 | 61.46 | 375.60 |
| 3 | (3) | Brazil | 70 500 | 13.66 | 75.12 | 186.68 |
| 4 | (4) | China | 40 000 | 7.75 | 82.87 | 60.10 |
| 5 | (5) | Russia | 39 804 | 7.71 | 90.59 | 59.51 |
| 6 | (6) | Zimbabwe | 27 713 | 5.37 | 95.96 | 28.85 |
| 7 | (8) | Uganda | 14 000 | 2.71 | 98.67 | 7.36 |
| 8 | (7) | Turkey | 3 300 | 0.64 | 99.31 | 0.41 |
| 9 | (9) | India | 3 061 | 0.59 | 99.90 | 0.35 |
| 10 | (**) | Kenya | 400 | 0.08 | 99.98 | 0.01 |
| 11 | (10) | Mexico | 100 | 0.02 | 100.00 | 0.00 |
| Total | | | 515 987 | 100.00 | | HHI 2 489 |

Zircon

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|---------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Australia | 569 000 | 39.08 | 39.08 | 1 527.08 |
| 2 | (2) | South Africa | 301 000 | 20.67 | 59.75 | 427.34 |
| 3 | (3) | China | 140 000 | 9.61 | 69.36 | 92.45 |
| 4 | (4) | Mozambique | 123 011 | 8.45 | 77.81 | 71.37 |
| 5 | (5) | Senegal | 90 760 | 6.23 | 84.05 | 38.85 |
| 6 | (6) | Indonesia | 54 630 | 3.75 | 87.80 | 14.08 |
| 7 | (13) | Vietnam | 30 400 | 2.09 | 89.89 | 4.36 |
| 8 | (8) | United States | 30 000 | 2.06 | 91.95 | 4.25 |
| 9 | (7) | Kenya | 28 933 | 1.99 | 93.93 | 3.95 |
| 10 | (11) | Ukraine | 27 000 | 1.85 | 95.79 | 3.44 |
| 11 | (9) | Madagascar | 23 100 | 1.59 | 97.37 | 2.52 |
| 12 | (10) | India | 16 000 | 1.10 | 98.47 | 1.21 |
| 13 | (14) | Russia | 6 700 | 0.46 | 98.93 | 0.21 |
| 14 | (12) | Brazil | 6 482 | 0.45 | 99.38 | 0.20 |
| 15 | (15) | Sierra Leone | 4 100 | 0.28 | 99.66 | 0.08 |
| 16 | (17) | Nigeria | 3 033 | 0.21 | 99.87 | 0.04 |
| 17 | (18) | Malaysia | 1 518 | 0.10 | 99.97 | 0.01 |
| 18 | (16) | Sri Lanka | 400 | 0.03 | 100.00 | 0.00 |
| Total | | | 1 456 067 | 100.00 | | HHI 2 191 |

6.5.5 Mineral Fuels

Steam Coal

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 3 152 948 000 | 52.84 | 52.84 | 2 791.77 |
| 2 | (2) | India | 726 488 000 | 12.17 | 65.01 | 148.22 |
| 3 | (3) | Indonesia | 564 815 700 | 9.47 | 74.48 | 89.59 |
| 4 | (4) | United States | 429 228 900 | 7.19 | 81.67 | 51.74 |
| 5 | (7) | Russia | 261 646 600 | 4.38 | 86.05 | 19.23 |
| 6 | (5) | Australia | 248 001 000 | 4.16 | 90.21 | 17.27 |
| 7 | (6) | South Africa | 225 804 400 | 3.78 | 93.99 | 14.32 |
| 8 | (8) | Kazakhstan | 102 638 200 | 1.72 | 95.71 | 2.96 |
| 9 | (10) | Vietnam | 48 308 000 | 0.81 | 96.52 | 0.66 |
| 10 | (9) | Colombia | 47 072 614 | 0.79 | 97.31 | 0.62 |
| 11 | (11) | Poland | 42 421 560 | 0.71 | 98.02 | 0.51 |
| 12 | (13) | Ukraine | 22 153 000 | 0.37 | 98.40 | 0.14 |
| 13 | (12) | Korea, North | 20 000 000 | 0.34 | 98.73 | 0.11 |
| 14 | (14) | Philippines | 14 378 268 | 0.24 | 98.97 | 0.06 |
| 15 | (15) | Canada | 12 195 290 | 0.20 | 99.18 | 0.04 |
| 16 | (16) | Pakistan | 9 229 377 | 0.15 | 99.33 | 0.02 |
| 17 | (18) | Mozambique | 5 346 781 | 0.09 | 99.42 | 0.01 |
| 18 | (20) | Brazil | 4 768 003 | 0.08 | 99.50 | 0.01 |
| 19 | (17) | Mongolia | 4 077 410 | 0.07 | 99.57 | 0.00 |
| 20 | (21) | Malaysia | 3 115 316 | 0.05 | 99.62 | 0.00 |
| 21 | (19) | Mexico | 2 831 000 | 0.05 | 99.67 | 0.00 |
| 22 | (22) | Zimbabwe | 2 759 100 | 0.05 | 99.71 | 0.00 |
| 23 | (24) | Tajikistan | 2 080 000 | 0.03 | 99.75 | 0.00 |
| 24 | (25) | Botswana | 2 021 218 | 0.03 | 99.78 | 0.00 |
| 25 | (26) | New Zealand | 1 448 565 | 0.02 | 99.81 | 0.00 |
| 26 | (32) | Nigeria | 1 444 139 | 0.02 | 99.83 | 0.00 |
| 27 | (27) | Myanmar | 994 617 | 0.02 | 99.85 | 0.00 |
| 28 | (33) | Tanzania | 976 319 | 0.02 | 99.86 | 0.00 |
| 29 | (29) | Korea, South | 897 900 | 0.02 | 99.88 | 0.00 |
| 30 | (31) | Bangladesh | 753 973 | 0.01 | 99.89 | 0.00 |
| 31 | (30) | Czech Republic | 739 460 | 0.01 | 99.90 | 0.00 |
| 32 | (28) | United Kingdom | 717 080 | 0.01 | 99.92 | 0.00 |
| 33 | (38) | Laos | 698 521 | 0.01 | 99.93 | 0.00 |
| 34 | (37) | Zambia | 663 345 | 0.01 | 99.94 | 0.00 |
| 35 | (36) | Iran | 650 000 | 0.01 | 99.95 | 0.00 |
| 36 | (35) | Kyrgyzstan | 571 500 | 0.01 | 99.96 | 0.00 |
| 37 | (23) | Turkey | 520 270 | 0.01 | 99.97 | 0.00 |
| 38 | (48) | Afghanistan | 340 800 | 0.01 | 99.97 | 0.00 |
| 39 | (40) | Uzbekistan | 258 100 | 0.00 | 99.98 | 0.00 |
| 40 | (43) | Albania | 242 425 | 0.00 | 99.98 | 0.00 |
| 41 | (34) | Venezuela | 166 842 | 0.00 | 99.99 | 0.00 |
| 42 | (42) | Eswatini | 162 681 | 0.00 | 99.99 | 0.00 |
| 43 | (45) | Georgia | 147 900 | 0.00 | 99.99 | 0.00 |
| 44 | (44) | Peru | 146 982 | 0.00 | 99.99 | 0.00 |
| 45 | (47) | Norway | 121 000 | 0.00 | 99.99 | 0.00 |
| 46 | (46) | Bhutan | 111 545 | 0.00 | 100.00 | 0.00 |
| 47 | (39) | Niger | 105 760 | 0.00 | 100.00 | 0.00 |

| | | | | | | |
|-------|------|-----------|---------------|--------|--------|-----------|
| 48 | (49) | Malawi | 30 251 | 0.00 | 100.00 | 0.00 |
| 49 | (50) | Argentina | 25 300 | 0.00 | 100.00 | 0.00 |
| 50 | (41) | Chile | 18 541 | 0.00 | 100.00 | 0.00 |
| 51 | (51) | Nepal | 10 714 | 0.00 | 100.00 | 0.00 |
| Total | | | 5 967 292 267 | 100.00 | | HHI 3 137 |

Coking Coal

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | China | 572 061 400 | 54.16 | 54.16 | 2 933.70 |
| 2 | (2) | Australia | 170 601 000 | 16.15 | 70.32 | 260.91 |
| 3 | (3) | Russia | 99 800 000 | 9.45 | 79.77 | 89.29 |
| 4 | (4) | United States | 56 084 900 | 5.31 | 85.08 | 28.20 |
| 5 | (5) | India | 51 702 000 | 4.90 | 89.97 | 23.96 |
| 6 | (7) | Canada | 26 972 900 | 2.55 | 92.52 | 6.52 |
| 7 | (6) | Mongolia | 19 518 500 | 1.85 | 94.37 | 3.42 |
| 8 | (8) | Poland | 12 584 820 | 1.19 | 95.56 | 1.42 |
| 9 | (9) | Kazakhstan | 8 751 800 | 0.83 | 96.39 | 0.69 |
| 10 | (10) | Ukraine | 7 234 000 | 0.68 | 97.08 | 0.47 |
| 11 | (11) | Colombia | 5 817 960 | 0.55 | 97.63 | 0.30 |
| 12 | (12) | Mozambique | 5 732 902 | 0.54 | 98.17 | 0.29 |
| 13 | (13) | Indonesia | 4 356 640 | 0.41 | 98.58 | 0.17 |
| 14 | (14) | Mexico | 4 165 000 | 0.39 | 98.98 | 0.16 |
| 15 | (15) | Iran | 3 650 000 | 0.35 | 99.32 | 0.12 |
| 16 | (16) | South Africa | 2 730 418 | 0.26 | 99.58 | 0.07 |
| 17 | (17) | Czech Republic | 1 734 896 | 0.16 | 99.75 | 0.03 |
| 18 | (18) | New Zealand | 1 134 310 | 0.11 | 99.85 | 0.01 |
| 19 | (19) | Turkey | 716 000 | 0.07 | 99.92 | 0.00 |
| 20 | (21) | Zimbabwe | 486 900 | 0.05 | 99.97 | 0.00 |
| 21 | (20) | United Kingdom | 336 740 | 0.03 | 100.00 | 0.00 |
| Total | | | 1 056 173 086 | 100.00 | | HHI 3 350 |

Lignite

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|--------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Germany | 126 256 594 | 18.38 | 18.38 | 337.64 |
| 2 | (3) | Turkey | 84 531 660 | 12.30 | 30.68 | 151.35 |
| 3 | (2) | Russia | 75 200 000 | 10.94 | 41.62 | 119.78 |
| 4 | (4) | Poland | 52 355 510 | 7.62 | 49.24 | 58.06 |
| 5 | (8) | India | 47 490 000 | 6.91 | 56.15 | 47.77 |
| 6 | (5) | United States | 42 968 700 | 6.25 | 62.41 | 39.11 |
| 7 | (6) | Australia | 41 622 000 | 6.06 | 68.46 | 36.69 |
| 8 | (7) | Serbia | 36 417 513 | 5.30 | 73.76 | 28.09 |
| 9 | (9) | Czech Republic | 29 278 000 | 4.26 | 78.03 | 18.16 |
| 10 | (10) | Bulgaria | 28 410 900 | 4.13 | 82.16 | 17.10 |
| 11 | (11) | Romania | 17 733 034 | 2.58 | 84.74 | 6.66 |
| 12 | (15) | Thailand | 14 221 573 | 2.07 | 86.81 | 4.28 |
| 13 | (12) | Laos | 13 618 072 | 1.98 | 88.79 | 3.93 |
| 14 | (14) | Bosnia-Herzegovina | 12 802 517 | 1.86 | 90.66 | 3.47 |

| | | | | | | |
|----|------|-----------------|-------------|--------|--------|---------|
| 15 | (13) | Greece | 12 081 578 | 1.76 | 92.41 | 3.09 |
| 16 | (16) | Kosovo | 8 535 436 | 1.24 | 93.66 | 1.54 |
| 17 | (17) | Canada | 8 293 554 | 1.21 | 94.86 | 1.46 |
| 18 | (18) | Mongolia | 5 309 755 | 0.77 | 95.64 | 0.60 |
| 19 | (19) | Hungary | 4 987 686 | 0.73 | 96.36 | 0.53 |
| 20 | (20) | Kazakhstan | 4 828 700 | 0.70 | 97.07 | 0.49 |
| 21 | (22) | Uzbekistan | 4 781 193 | 0.70 | 97.76 | 0.48 |
| 22 | (21) | North Macedonia | 4 758 504 | 0.69 | 98.45 | 0.48 |
| 23 | (23) | Slovenia | 2 807 476 | 0.41 | 98.86 | 0.17 |
| 24 | (25) | Kyrgyzstan | 2 418 400 | 0.35 | 99.21 | 0.12 |
| 25 | (24) | Brazil | 1 896 525 | 0.28 | 99.49 | 0.08 |
| 26 | (26) | Montenegro | 1 548 612 | 0.23 | 99.72 | 0.05 |
| 27 | (27) | Slovakia | 1 080 562 | 0.16 | 99.87 | 0.02 |
| 28 | (28) | Myanmar | 589 360 | 0.09 | 99.96 | 0.01 |
| 29 | (29) | New Zealand | 284 735 | 0.04 | 100.00 | 0.00 |
| | | Total | 687 108 149 | 100.00 | | HHI 881 |

Natural Gas

| Rank 2021 | Rank 2020 | Country | Production 2021 Mio m ³ | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------------|--|---------------|-----------------|--------------|
| 1 | (1) | United States | 977 440 | 23.53 | 23.53 | 553.85 |
| 2 | (2) | Russia | 757 700 | 18.24 | 41.78 | 332.82 |
| 3 | (3) | Iran | 256 650 | 6.18 | 47.96 | 38.18 |
| 4 | (4) | China | 207 584 | 5.00 | 52.95 | 24.98 |
| 5 | (5) | Canada | 173 515 | 4.18 | 57.13 | 17.45 |
| 6 | (6) | Qatar | 169 152 | 4.07 | 61.21 | 16.59 |
| 7 | (7) | Australia | 156 774 | 3.77 | 64.98 | 14.25 |
| 8 | (8) | Saudi Arabia | 120 485 | 2.90 | 67.88 | 8.42 |
| 9 | (9) | Norway | 115 178 | 2.77 | 70.65 | 7.69 |
| 10 | (10) | Algeria | 105 037 | 2.53 | 73.18 | 6.40 |
| 11 | (11) | Turkmenistan | 83 773 | 2.02 | 75.20 | 4.07 |
| 12 | (14) | Egypt | 67 799 | 1.63 | 76.83 | 2.66 |
| 13 | (12) | Malaysia | 67 520 | 1.63 | 78.46 | 2.64 |
| 14 | (13) | Indonesia | 58 960 | 1.42 | 79.88 | 2.02 |
| 15 | (15) | United Arab Emirates | 56 994 | 1.37 | 81.25 | 1.88 |
| 16 | (17) | Uzbekistan | 53 802 | 1.30 | 82.55 | 1.68 |
| 17 | (16) | Nigeria | 48 570 | 1.17 | 83.71 | 1.37 |
| 18 | (18) | Argentina | 40 940 | 0.99 | 84.70 | 0.97 |
| 19 | (21) | Oman | 38 400 | 0.92 | 85.62 | 0.85 |
| 20 | (20) | Pakistan | 36 224 | 0.87 | 86.50 | 0.76 |
| 21 | (26) | India | 33 131 | 0.80 | 87.29 | 0.64 |
| 22 | (22) | Thailand | 33 117 | 0.80 | 88.09 | 0.64 |
| 23 | (27) | Azerbaijan | 32 578 | 0.78 | 88.88 | 0.62 |
| 24 | (19) | United Kingdom | 32 568 | 0.78 | 89.66 | 0.61 |
| 25 | (23) | Kazakhstan | 29 400 | 0.71 | 90.37 | 0.50 |
| 26 | (25) | Mexico | 27 170 | 0.65 | 91.02 | 0.43 |
| 27 | (24) | Trinidad and Tobago | 25 425 | 0.61 | 91.63 | 0.37 |
| 28 | (28) | Brazil | 25 382 | 0.61 | 92.25 | 0.37 |
| 29 | (29) | Bangladesh | 25 170 | 0.61 | 92.85 | 0.37 |
| 30 | (31) | Venezuela | 23 977 | 0.58 | 93.43 | 0.33 |
| 31 | (30) | Netherlands | 20 438 | 0.49 | 93.92 | 0.24 |
| 32 | (32) | Ukraine | 19 757 | 0.48 | 94.40 | 0.23 |
| 33 | (33) | Myanmar | 17 680 | 0.43 | 94.82 | 0.18 |
| 34 | (36) | Bahrain | 17 590 | 0.42 | 95.25 | 0.18 |
| 35 | (35) | Kuwait | 17 400 | 0.42 | 95.67 | 0.18 |
| 36 | (37) | Bolivia | 16 967 | 0.41 | 96.07 | 0.17 |

| | | | | | | |
|----|------|-------------------|-----------|--------|--------|-----------|
| 37 | (38) | Israel | 16 623 | 0.40 | 96.47 | 0.16 |
| 38 | (34) | Libya | 15 236 | 0.37 | 96.84 | 0.13 |
| 39 | (41) | Colombia | 12 110 | 0.29 | 97.13 | 0.09 |
| 40 | (40) | Peru | 11 375 | 0.27 | 97.41 | 0.08 |
| 41 | (39) | Brunei | 11 178 | 0.27 | 97.68 | 0.07 |
| 42 | (45) | Iraq | 9 355 | 0.23 | 97.90 | 0.05 |
| 43 | (43) | Romania | 8 938 | 0.22 | 98.12 | 0.05 |
| 44 | (42) | Vietnam | 7 460 | 0.18 | 98.30 | 0.03 |
| 45 | (46) | Equatorial Guinea | 7 047 | 0.17 | 98.47 | 0.03 |
| 46 | (44) | Angola | 5 886 | 0.14 | 98.61 | 0.02 |
| 47 | (47) | Germany | 5 731 | 0.14 | 98.74 | 0.02 |
| 48 | (48) | Poland | 4 860 | 0.12 | 98.86 | 0.01 |
| 49 | (49) | Mozambique | 4 593 | 0.11 | 98.97 | 0.01 |
| 50 | (50) | New Zealand | 3 945 | 0.09 | 99.07 | 0.01 |
| 51 | (52) | Philippines | 3 429 | 0.08 | 99.15 | 0.01 |
| 52 | (53) | Papua New Guinea | 3 400 | 0.08 | 99.23 | 0.01 |
| 53 | (51) | Italy | 3 343 | 0.08 | 99.31 | 0.01 |
| 54 | (54) | Syria | 3 070 | 0.07 | 99.39 | 0.01 |
| 55 | (55) | Ghana | 3 020 | 0.07 | 99.46 | 0.01 |
| 56 | (57) | Cote d'Ivoire | 2 373 | 0.06 | 99.52 | 0.00 |
| 57 | (56) | Japan | 2 305 | 0.06 | 99.57 | 0.00 |
| 58 | (59) | Tunisia | 2 240 | 0.05 | 99.63 | 0.00 |
| 59 | (58) | Cameroon | 2 090 | 0.05 | 99.68 | 0.00 |
| 60 | (62) | Tanzania | 1 838 | 0.04 | 99.72 | 0.00 |
| 61 | (61) | Hungary | 1 526 | 0.04 | 99.76 | 0.00 |
| 62 | (60) | Ireland | 1 400 | 0.03 | 99.79 | 0.00 |
| 63 | (63) | Denmark | 1 352 | 0.03 | 99.82 | 0.00 |
| 64 | (64) | Chile | 1 275 | 0.03 | 99.85 | 0.00 |
| 65 | (67) | Congo, Rep. | 1 000 | 0.02 | 99.88 | 0.00 |
| 66 | (66) | Croatia | 746 | 0.02 | 99.90 | 0.00 |
| 67 | (68) | Austria | 654 | 0.02 | 99.91 | 0.00 |
| 68 | (65) | Cuba | 652 | 0.02 | 99.93 | 0.00 |
| 69 | (70) | Gabon | 454 | 0.01 | 99.94 | 0.00 |
| 70 | (71) | Turkey | 415 | 0.01 | 99.95 | 0.00 |
| 71 | (72) | Serbia | 362 | 0.01 | 99.96 | 0.00 |
| 72 | (73) | Ecuador | 269 | 0.01 | 99.96 | 0.00 |
| 73 | (74) | Belarus | 229 | 0.01 | 99.97 | 0.00 |
| 74 | (77) | Jordan | 184 | 0.00 | 99.97 | 0.00 |
| 75 | (82) | Afghanistan | 153 | 0.00 | 99.98 | 0.00 |
| 76 | (76) | Czech Republic | 153 | 0.00 | 99.98 | 0.00 |
| 77 | (78) | Yemen | 130 | 0.00 | 99.98 | 0.00 |
| 78 | (80) | Morocco | 110 | 0.00 | 99.99 | 0.00 |
| 79 | (79) | Taiwan | 110 | 0.00 | 99.99 | 0.00 |
| 80 | (**) | Guatemala | 72 | 0.00 | 99.99 | 0.00 |
| 81 | (81) | Slovakia | 71 | 0.00 | 99.99 | 0.00 |
| 82 | (84) | Albania | 54 | 0.00 | 99.99 | 0.00 |
| 83 | (75) | Korea, South | 53 | 0.00 | 100.00 | 0.00 |
| 84 | (69) | South Africa | 44 | 0.00 | 100.00 | 0.00 |
| 85 | (85) | Spain | 38 | 0.00 | 100.00 | 0.00 |
| 86 | (83) | Bulgaria | 31 | 0.00 | 100.00 | 0.00 |
| 87 | (87) | France | 22 | 0.00 | 100.00 | 0.00 |
| 88 | (86) | Kyrgyzstan | 22 | 0.00 | 100.00 | 0.00 |
| 89 | (90) | Georgia | 16 | 0.00 | 100.00 | 0.00 |
| 90 | (89) | Barbados | 11 | 0.00 | 100.00 | 0.00 |
| 91 | (92) | Slovenia | 6 | 0.00 | 100.00 | 0.00 |
| 92 | (88) | Senegal | 6 | 0.00 | 100.00 | 0.00 |
| 93 | (91) | Greece | 4 | 0.00 | 100.00 | 0.00 |
| 94 | (93) | Tajikistan | 1 | 0.00 | 100.00 | 0.00 |
| | | Total | 4 153 317 | 100.00 | | HHI 1 046 |

Petroleum

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | United States | 781 654 600 | 18.39 | 18.39 | 338.21 |
| 2 | (3) | Russia | 524 050 000 | 12.33 | 30.72 | 152.02 |
| 3 | (2) | Saudi Arabia | 515 878 200 | 12.14 | 42.86 | 147.32 |
| 4 | (4) | Canada | 266 190 400 | 6.26 | 49.12 | 39.22 |
| 5 | (5) | Iraq | 200 829 370 | 4.73 | 53.85 | 22.33 |
| 6 | (6) | China | 198 881 100 | 4.68 | 58.52 | 21.90 |
| 7 | (9) | Iran | 167 658 090 | 3.94 | 62.47 | 15.56 |
| 8 | (7) | United Arab Emirates | 164 380 590 | 3.87 | 66.34 | 14.96 |
| 9 | (8) | Brazil | 149 154 800 | 3.51 | 69.85 | 12.32 |
| 10 | (10) | Kuwait | 120 264 800 | 2.83 | 72.68 | 8.01 |
| 11 | (12) | Norway | 95 254 000 | 2.24 | 74.92 | 5.02 |
| 12 | (11) | Mexico | 94 785 920 | 2.23 | 77.15 | 4.97 |
| 13 | (14) | Kazakhstan | 85 877 800 | 2.02 | 79.17 | 4.08 |
| 14 | (13) | Nigeria | 80 639 590 | 1.90 | 81.06 | 3.60 |
| 15 | (15) | Qatar | 75 847 230 | 1.78 | 82.85 | 3.18 |
| 16 | (30) | Libya | 60 113 100 | 1.41 | 84.26 | 2.00 |
| 17 | (17) | Algeria | 58 200 000 | 1.37 | 85.63 | 1.88 |
| 18 | (16) | Angola | 54 270 690 | 1.28 | 86.91 | 1.63 |
| 19 | (19) | Oman | 48 353 500 | 1.14 | 88.05 | 1.29 |
| 20 | (18) | United Kingdom | 41 159 050 | 0.97 | 89.02 | 0.94 |
| 21 | (20) | Colombia | 36 660 230 | 0.86 | 89.88 | 0.74 |
| 22 | (22) | Azerbaijan | 34 580 300 | 0.81 | 90.69 | 0.66 |
| 23 | (23) | Venezuela | 33 408 500 | 0.79 | 91.48 | 0.62 |
| 24 | (21) | Indonesia | 32 786 100 | 0.77 | 92.25 | 0.60 |
| 25 | (25) | India | 29 688 480 | 0.70 | 92.95 | 0.49 |
| 26 | (24) | Egypt | 29 601 360 | 0.70 | 93.64 | 0.49 |
| 27 | (27) | Argentina | 25 565 200 | 0.60 | 94.25 | 0.36 |
| 28 | (26) | Malaysia | 25 467 600 | 0.60 | 94.85 | 0.36 |
| 29 | (28) | Ecuador | 23 543 000 | 0.55 | 95.40 | 0.31 |
| 30 | (29) | Australia | 21 782 900 | 0.51 | 95.91 | 0.26 |
| 31 | (31) | Congo, Rep. | 13 446 000 | 0.32 | 96.23 | 0.10 |
| 32 | (37) | Turkmenistan | 10 961 000 | 0.26 | 96.49 | 0.07 |
| 33 | (32) | Gabon | 10 040 000 | 0.24 | 96.72 | 0.06 |
| 34 | (34) | Bahrain | 9 608 230 | 0.23 | 96.95 | 0.05 |
| 35 | (35) | Vietnam | 9 100 000 | 0.21 | 97.16 | 0.05 |
| 36 | (33) | Thailand | 8 820 540 | 0.21 | 97.37 | 0.04 |
| 37 | (36) | Ghana | 7 864 300 | 0.19 | 97.55 | 0.03 |
| 38 | (38) | South Sudan | 7 515 700 | 0.18 | 97.73 | 0.03 |
| 39 | (41) | Peru | 5 949 800 | 0.14 | 97.87 | 0.02 |
| 40 | (39) | Equatorial Guinea | 5 919 365 | 0.14 | 98.01 | 0.02 |
| 41 | (45) | Guyana | 5 820 870 | 0.14 | 98.15 | 0.02 |
| 42 | (40) | Chad | 5 799 300 | 0.14 | 98.28 | 0.02 |
| 43 | (42) | Brunei | 5 308 680 | 0.12 | 98.41 | 0.02 |
| 44 | (43) | Italy | 4 922 000 | 0.12 | 98.52 | 0.01 |
| 45 | (57) | Syria | 4 598 420 | 0.11 | 98.63 | 0.01 |
| 46 | (44) | Pakistan | 3 760 980 | 0.09 | 98.72 | 0.01 |
| 47 | (47) | Trinidad and Tobago | 3 652 900 | 0.09 | 98.81 | 0.01 |
| 48 | (48) | Yemen | 3 544 750 | 0.08 | 98.89 | 0.01 |
| 49 | (46) | Cameroon | 3 493 100 | 0.08 | 98.97 | 0.01 |
| 50 | (51) | Turkey | 3 441 659 | 0.08 | 99.05 | 0.01 |
| 51 | (50) | Romania | 3 319 000 | 0.08 | 99.13 | 0.01 |
| 52 | (49) | Denmark | 3 277 800 | 0.08 | 99.21 | 0.01 |
| 53 | (52) | Sudan | 2 605 000 | 0.06 | 99.27 | 0.00 |
| 54 | (53) | Ukraine | 2 455 400 | 0.06 | 99.33 | 0.00 |
| 55 | (54) | Cuba | 2 200 000 | 0.05 | 99.38 | 0.00 |

| | | | | | | |
|-----|-------|------------------|---------------|--------|--------|---------|
| 56 | (60) | Tunisia | 2 129 640 | 0.05 | 99.43 | 0.00 |
| 57 | (55) | Uzbekistan | 2 098 400 | 0.05 | 99.48 | 0.00 |
| 58 | (56) | Bolivia | 2 032 870 | 0.05 | 99.53 | 0.00 |
| 59 | (58) | Papua New Guinea | 1 842 600 | 0.04 | 99.57 | 0.00 |
| 60 | (59) | Germany | 1 805 932 | 0.04 | 99.61 | 0.00 |
| 61 | (61) | Belarus | 1 737 000 | 0.04 | 99.65 | 0.00 |
| 62 | (62) | Cote d'Ivoire | 1 196 700 | 0.03 | 99.68 | 0.00 |
| 63 | (63) | Congo, D.R. | 1 170 000 | 0.03 | 99.71 | 0.00 |
| 64 | (64) | Hungary | 1 087 000 | 0.03 | 99.74 | 0.00 |
| 65 | (69) | Niger | 873 100 | 0.02 | 99.76 | 0.00 |
| 66 | (67) | Netherlands | 861 100 | 0.02 | 99.78 | 0.00 |
| 67 | (66) | Poland | 858 030 | 0.02 | 99.80 | 0.00 |
| 68 | (65) | New Zealand | 840 780 | 0.02 | 99.82 | 0.00 |
| 69 | (68) | Serbia | 835 319 | 0.02 | 99.84 | 0.00 |
| 70 | (70) | Suriname | 818 400 | 0.02 | 99.85 | 0.00 |
| 71 | (71) | Albania | 712 000 | 0.02 | 99.87 | 0.00 |
| 72 | (72) | France | 647 830 | 0.02 | 99.89 | 0.00 |
| 73 | (77) | Mongolia | 636 600 | 0.01 | 99.90 | 0.00 |
| 74 | (73) | Croatia | 604 500 | 0.01 | 99.92 | 0.00 |
| 75 | (74) | Austria | 571 428 | 0.01 | 99.93 | 0.00 |
| 76 | (76) | Philippines | 486 800 | 0.01 | 99.94 | 0.00 |
| 77 | (78) | Bangladesh | 463 590 | 0.01 | 99.95 | 0.00 |
| 78 | (79) | Japan | 441 200 | 0.01 | 99.96 | 0.00 |
| 79 | (80) | Guatemala | 355 500 | 0.01 | 99.97 | 0.00 |
| 80 | (75) | Myanmar | 309 800 | 0.01 | 99.98 | 0.00 |
| 81 | (81) | Kyrgyzstan | 275 600 | 0.01 | 99.98 | 0.00 |
| 82 | (82) | Israel | 164 765 | 0.00 | 99.99 | 0.00 |
| 83 | (83) | Chile | 109 980 | 0.00 | 99.99 | 0.00 |
| 84 | (84) | Czech Republic | 83 000 | 0.00 | 99.99 | 0.00 |
| 85 | (85) | Greece | 58 750 | 0.00 | 99.99 | 0.00 |
| 86 | (87) | Mozambique | 36 330 | 0.00 | 100.00 | 0.00 |
| 87 | (90) | Georgia | 35 500 | 0.00 | 100.00 | 0.00 |
| 88 | (89) | Lithuania | 28 920 | 0.00 | 100.00 | 0.00 |
| 89 | (93) | Tajikistan | 24 635 | 0.00 | 100.00 | 0.00 |
| 90 | (94) | Barbados | 20 770 | 0.00 | 100.00 | 0.00 |
| 91 | (95) | Bulgaria | 20 086 | 0.00 | 100.00 | 0.00 |
| 92 | (92) | Senegal | 20 000 | 0.00 | 100.00 | 0.00 |
| 93 | (88) | South Africa | 15 633 | 0.00 | 100.00 | 0.00 |
| 94 | (100) | Jordan | 14 300 | 0.00 | 100.00 | 0.00 |
| 95 | (99) | Slovakia | 6 130 | 0.00 | 100.00 | 0.00 |
| 96 | (91) | Spain | 5 785 | 0.00 | 100.00 | 0.00 |
| 97 | (97) | Moldova | 4 972 | 0.00 | 100.00 | 0.00 |
| 98 | (96) | Korea, South | 4 800 | 0.00 | 100.00 | 0.00 |
| 99 | (98) | Morocco | 3 246 | 0.00 | 100.00 | 0.00 |
| 100 | (101) | Taiwan | 2 110 | 0.00 | 100.00 | 0.00 |
| 101 | (102) | Slovenia | 296 | 0.00 | 100.00 | 0.00 |
| | | Total | 4 250 303 021 | 100.00 | | HHI 806 |

Oil Sands (part of Petroleum)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|-----------|-----------|-----------|----------------------------|------------|--------------|-----------|
| 1 | (1) | Canada | 167 022 400 | 91.76 | 91.76 | 8 419.76 |
| 2 | (2) | Venezuela | 15 000 000 | 8.24 | 100.00 | 67.91 |
| | | Total | 182 022 400 | 100.00 | | HHI 8 488 |

Oil Shales

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Estonia | 11 743 000 | 92.65 | 92.65 | 8 583.69 |
| 2 | (2) | Germany | 442 886 | 3.49 | 96.14 | 12.21 |
| 3 | (3) | Israel | 430 840 | 3.40 | 99.54 | 11.55 |
| 4 | (4) | Bulgaria | 56 000 | 0.44 | 99.98 | 0.20 |
| 5 | (5) | France | 2 000 | 0.02 | 100.00 | 0.00 |
| 6 | (6) | Austria | 100 | 0.00 | 100.00 | 0.00 |
| | | Total | 12 674 826 | 100.00 | | HHI 8 608 |

Uranium (U₃O₈)

| Rank 2021 | Rank 2020 | Country | Production 2021 metr. t | Share in % | Share cum. % | Share HHI |
|--------------|--------------|----------------|-------------------------------|---------------|-----------------|--------------|
| 1 | (1) | Kazakhstan | 25 729 | 45.82 | 45.82 | 2 099.27 |
| 2 | (3) | Namibia | 6 784 | 12.08 | 57.90 | 145.95 |
| 3 | (4) | Canada | 5 443 | 9.69 | 67.59 | 93.95 |
| 4 | (2) | Australia | 4 474 | 7.97 | 75.56 | 63.48 |
| 5 | (5) | Uzbekistan | 4 158 | 7.40 | 82.96 | 54.83 |
| 6 | (7) | Russia | 3 107 | 5.53 | 88.50 | 30.61 |
| 7 | (6) | Niger | 2 691 | 4.79 | 93.29 | 22.96 |
| 8 | (8) | China | 2 223 | 3.96 | 97.25 | 15.67 |
| 9 | (10) | India | 725 | 1.29 | 98.54 | 1.67 |
| 10 | (9) | Ukraine | 536 | 0.95 | 99.49 | 0.91 |
| 11 | (11) | South Africa | 153 | 0.27 | 99.76 | 0.07 |
| 12 | (12) | Pakistan | 53 | 0.09 | 99.86 | 0.01 |
| 13 | (14) | Brazil | 34 | 0.06 | 99.92 | 0.00 |
| 14 | (13) | Czech Republic | 32 | 0.06 | 99.98 | 0.00 |
| 15 | (16) | United States | 9 | 0.02 | 99.99 | 0.00 |
| 16 | (17) | Mongolia | 4 | 0.01 | 100.00 | 0.00 |
| | | Total | 56 155 | 100.00 | | HHI 2 529 |

6.6 Production of Mineral Raw Materials of individual Countries, by Countries

Afghanistan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------|-----------------------|------------------|------------------|------------------|----------------|----------------|-----------------|-----------------|
| Chromium | (t) | 2 000 | 2 000 | 2 000 | 2 000 | 5 300 | 165.00 | 165.00 |
| Fluorspar | (t) | 7 522 | 10 000 | 50 000 | 10 000 | 10 000 | 32.94 | 0.00 |
| Gypsum | (t) | 40 000 | 36 161 | 24 682 | 21 779 | 16 349 | -59.13 | -24.93 |
| Salt | (t) | 75 579 | 47 944 | 41 157 | 12 015 | 10 700 | -85.84 | -10.94 |
| Talc | (t) | 389 825 | 356 789 | 345 052 | 95 923 | 441 372 | 13.22 | 360.13 |
| Steam Coal | (t) | 2 191 400 | 2 444 600 | 1 604 700 | 56 620 | 340 800 | -84.45 | 501.91 |
| Nat. Gas | (Mio m ³) | 156 | 153 | 146 | 59 | 153 | -1.92 | 159.32 |
| Total | (t) | 2 831 126 | 3 019 894 | 2 184 391 | 245 537 | 946 921 | | |

Albania

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------|-----------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| Chromium | (t) | 273 300 | 322 100 | 357 200 | 212 650 | 225 200 | -17.60 | 5.90 |
| Nickel | (t) | 5 760 | 4 200 | 2 960 | 3 760 | 3 720 | -35.42 | -1.06 |
| Copper | (t) | 0 | 2 515 | 5 900 | 3 070 | 5 690 | | 85.34 |
| Gypsum | (t) | 104 120 | 102 016 | 106 070 | 111 880 | 116 295 | 11.69 | 3.95 |
| Salt | (t) | 25 500 | 31 500 | 30 000 | 30 000 | 30 000 | 17.65 | 0.00 |
| Steam Coal | (t) | 138 800 | 297 530 | 95 380 | 151 231 | 242 425 | 74.66 | 60.30 |
| Nat. Gas | (Mio m ³) | 91 | 82 | 71 | 55 | 54 | -40.66 | -1.82 |
| Petroleum | (t) | 958 940 | 910 670 | 1 005 090 | 758 170 | 712 000 | -25.75 | -6.09 |
| Total | (t) | 1 579 220 | 1 736 131 | 1 659 400 | 1 314 761 | 1 378 530 | | |

Algeria

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Iron | (t) | 268 400 | 381 200 | 409 900 | 406 600 | 416 000 | 54.99 | 2.31 |
| Zinc | (t) | 350 | 500 | 500 | 1 000 | 500 | 42.86 | -50.00 |
| Gold | (kg) | 137 | 286 | 70 | 58 | 71 | -48.18 | 22.41 |
| Silver | (kg) | 25 | 30 | 30 | 20 | 12 | -52.00 | -40.00 |
| Baryte | (t) | 29 159 | 39 426 | 31 138 | 32 940 | 33 000 | 13.17 | 0.18 |
| Bentonite | (t) | 35 600 | 36 000 | 36 700 | 34 200 | 36 000 | 1.12 | 5.26 |
| Diatomite | (t) | 2 439 | 2 468 | 2 437 | 3 040 | 3 000 | 23.00 | -1.32 |

Abbreviations: see Definitions

| | | | | | | | | |
|------------|-----------------------|-------------|-------------|-------------|-------------|-------------|--------|-------|
| Feldspar | (t) | 170 000 | 170 000 | 170 000 | 170 000 | 170 000 | 0.00 | 0.00 |
| Gypsum | (t) | 2 200 000 | 2 200 000 | 2 200 000 | 2 200 000 | 2 500 000 | 13.64 | 13.64 |
| Kaolin | (t) | 100 000 | 100 000 | 100 000 | 100 000 | 120 000 | 20.00 | 20.00 |
| Phosphates | (t) | 378 100 | 409 400 | 455 100 | 409 900 | 612 000 | 61.86 | 49.30 |
| Salt | (t) | 165 000 | 106 200 | 100 800 | 95 100 | 100 000 | -39.39 | 5.15 |
| Sulfur | (t) | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 0.00 | 0.00 |
| Nat. Gas | (Mio m ³) | 96 599 | 97 467 | 89 983 | 84 597 | 105 037 | 8.74 | 24.16 |
| Petroleum | (t) | 66 667 000 | 65 331 000 | 64 330 000 | 57 535 000 | 58 200 000 | -12.70 | 1.16 |
| Total | (t) | 147 301 248 | 146 755 794 | 139 828 975 | 128 671 380 | 146 226 100 | | |

Angola

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | | | | 0 | 37 610 | . | . |
| Gold | (kg) | | 0 | 23 | 59 | 35 | . | -40.68 |
| Diam. (Gem) | (ct) | 8 494 920 | 8 490 500 | 8 209 365 | 7 118 240 | 7 850 760 | -7.58 | 10.29 |
| Diam. (Ind) | (ct) | 943 880 | 943 390 | 912 150 | 790 920 | 872 310 | -7.58 | 10.29 |
| Gypsum | (t) | 32 000 | 32 000 | 32 000 | 32 000 | 50 000 | 56.25 | 56.25 |
| Salt | (t) | 101 000 | 110 000 | 109 000 | 164 400 | 182 600 | 80.79 | 11.07 |
| Nat. Gas | (Mio m ³) | 5 800 | 6 490 | 6 800 | 7 550 | 5 886 | 1.48 | -22.04 |
| Petroleum | (t) | 78 578 410 | 71 284 690 | 66 171 070 | 61 452 090 | 54 270 690 | -30.93 | -11.69 |
| Total | (t) | 83 351 412 | 76 618 692 | 71 752 072 | 67 688 491 | 59 249 702 | | |

Argentina

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|------|-----------|-----------|-----------|---------|---------|-----------------|-----------------|
| Iron | (t) | 28 400 | 40 560 | 0 | 0 | 0 | -100.00 | . |
| Molybdenum | (t) | 651 | 364 | 0 | 0 | 0 | -100.00 | . |
| Aluminium | (t) | 431 239 | 439 600 | 438 434 | 309 804 | 338 239 | -21.57 | 9.18 |
| Cadmium | (t) | 96 | 74 | 80 | 46 | 0 | -100.00 | -100.00 |
| Copper | (t) | 33 303 | 17 435 | 0 | 0 | 0 | -100.00 | . |
| Lead | (t) | 40 135 | 28 260 | 42 957 | 23 008 | 17 098 | -57.40 | -25.69 |
| Lithium | (t) | 12 360 | 13 810 | 13 670 | 12 620 | 12 870 | 4.13 | 1.98 |
| Mercury | (t) | 54 | 50 | 50 | 0 | 0 | -100.00 | . |
| Zinc | (t) | 23 392 | 22 050 | 19 462 | 11 320 | 6 188 | -73.55 | -45.34 |
| Gold | (kg) | 60 956 | 58 397 | 53 125 | 34 936 | 37 280 | -38.84 | 6.71 |
| Silver | (kg) | 997 961 | 1 023 768 | 1 070 670 | 767 087 | 842 600 | -15.57 | 9.84 |
| Asbestos | (t) | 26 | 0 | 0 | 0 | 0 | -100.00 | . |
| Baryte | (t) | 15 553 | 7 225 | 3 898 | 0 | 0 | -100.00 | . |
| Bentonite | (t) | 156 750 | 184 969 | 120 000 | 98 000 | 133 235 | -15.00 | 35.95 |
| Boron | (t) | 129 918 | 71 212 | 181 818 | 134 604 | 188 870 | 45.38 | 40.32 |
| Diatomite | (t) | 70 419 | 72 490 | 94 610 | 98 575 | 156 342 | 122.02 | 58.60 |
| Feldspar | (t) | 154 770 | 124 500 | 10 000 | 32 000 | 32 000 | -79.32 | 0.00 |
| Fluorspar | (t) | 13 696 | 7 924 | 1 500 | 48 000 | 48 000 | 250.47 | 0.00 |
| Gypsum | (t) | 1 275 608 | 897 217 | 761 013 | 499 092 | 690 000 | -45.91 | 38.25 |
| Kaolin | (t) | 19 940 | 17 000 | 11 853 | 20 628 | 25 000 | 25.38 | 21.19 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|-----|------------|------------|------------|------------|------------|--------|--------|
| Perlite | (t) | 19 924 | 18 794 | 1 850 | 13 176 | 18 016 | -9.58 | 36.73 |
| Salt | (t) | 1 929 065 | 1 784 020 | 1 566 600 | 1 013 400 | 1 300 000 | -32.61 | 28.28 |
| Talc | (t) | 15 330 | 13 072 | 10 000 | 2 304 | 1 800 | -88.26 | -21.88 |
| Steam Coal | (t) | 37 713 | 81 993 | 154 782 | 24 800 | 25 300 | -32.91 | 2.02 |
| Nat. Gas (Mio m ³) | | 39 740 | 40 930 | 43 220 | 39 570 | 40 940 | 3.02 | 3.46 |
| Petroleum | (t) | 23 879 000 | 24 369 600 | 25 323 400 | 23 996 600 | 25 565 200 | 7.06 | 6.54 |
| Total | (t) | 60 080 401 | 60 957 301 | 63 333 101 | 57 994 779 | 61 311 038 | | |

Armenia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Molybdenum | (t) | 5 038 | 5 422 | 7 137 | 11 909 | 10 611 | 110.62 | -10.90 |
| Bismuth | (t) | 1 | 0 | 0 | 0 | 0 | -100.00 | . |
| Copper | (t) | 95 793 | 68 928 | 91 214 | 83 291 | 79 970 | -16.52 | -3.99 |
| Rhenium | (kg) | 260 | 280 | 310 | 260 | 170 | -34.62 | -34.62 |
| Selenium | (t) | 1 | 0 | 0 | 0 | 0 | -100.00 | . |
| Zinc | (t) | 6 070 | 6 946 | 7 162 | 8 684 | 7 706 | 26.95 | -11.26 |
| Gold | (kg) | 4 670 | 4 967 | 5 825 | 5 284 | 3 714 | -20.47 | -29.71 |
| Silver | (kg) | 17 200 | 16 700 | 17 922 | 19 493 | 19 480 | 13.26 | -0.07 |
| Bentonite | (t) | 24 712 | 0 | 0 | 0 | 0 | -100.00 | . |
| Diatomite | (t) | 23 465 | 0 | 0 | 0 | 0 | -100.00 | . |
| Gypsum | (t) | 14 336 | 20 387 | 22 907 | 28 508 | 26 885 | 87.53 | -5.69 |
| Perlite | (t) | 14 036 | 51 222 | 80 676 | 104 410 | 168 242 | 1 098.65 | 61.14 |
| Salt | (t) | 137 236 | 155 393 | 56 685 | 24 401 | 25 948 | -81.09 | 6.34 |
| Sulfur | (t) | 8 100 | 10 500 | 10 500 | 11 500 | 14 100 | 74.07 | 22.61 |
| Total | (t) | 328 810 | 318 820 | 276 305 | 272 727 | 333 485 | | |

Australia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|-----|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Iron | (t) | 548 297 062 | 560 054 570 | 567 957 086 | 568 384 644 | 571 113 897 | 4.16 | 0.48 |
| Cobalt | (t) | 5 034 | 4 878 | 5 741 | 5 626 | 5 228 | 3.85 | -7.07 |
| Manganese | (t) | 2 879 010 | 3 514 320 | 3 259 200 | 3 356 030 | 3 278 840 | 13.89 | -2.30 |
| Nickel | (t) | 185 466 | 160 022 | 158 751 | 169 344 | 150 876 | -18.65 | -10.91 |
| Tantalum | (t) | 20 | 40 | 80 | 50 | 70 | 250.00 | 40.00 |
| Titanium | (t) | 993 000 | 875 250 | 780 465 | 830 800 | 624 100 | -37.15 | -24.88 |
| Tungsten | (t) | 5 | 10 | 30 | 100 | 160 | 3 100.00 | 60.00 |
| Aluminium | (t) | 1 487 555 | 1 574 239 | 1 569 619 | 1 583 400 | 1 558 529 | 4.77 | -1.57 |
| Antimony | (t) | 3 131 | 2 173 | 2 032 | 3 903 | 3 380 | 7.95 | -13.40 |
| Bauxite | (t) | 89 420 589 | 95 947 593 | 105 543 787 | 103 626 811 | 103 266 404 | 15.48 | -0.35 |
| Copper | (t) | 849 121 | 910 896 | 925 157 | 868 019 | 795 955 | -6.26 | -8.30 |
| Lead | (t) | 395 190 | 446 571 | 500 985 | 494 271 | 485 487 | 22.85 | -1.78 |
| Lithium | (t) | 98 650 | 115 200 | 105 700 | 89 300 | 113 600 | 15.15 | 27.21 |
| Rare Earths | (t) | 17 264 | 18 556 | 17 660 | 19 440 | 21 970 | 27.26 | 13.01 |
| Tin | (t) | 7 402 | 6 871 | 7 738 | 8 118 | 8 772 | 18.51 | 8.06 |
| Zinc | (t) | 852 164 | 1 146 781 | 1 337 321 | 1 314 910 | 1 315 160 | 54.33 | 0.02 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|------|---------------|---------------|---------------|---------------|---------------|----------|----------|
| Gold | (kg) | 292 022 | 313 028 | 326 304 | 327 952 | 307 170 | 5.19 | -6.34 |
| Palladium | (kg) | 610 | 430 | 390 | 420 | 380 | -37.70 | -9.52 |
| Platinum | (kg) | 155 | 110 | 95 | 100 | 90 | -41.94 | -10.00 |
| Silver | (kg) | 1 120 175 | 1 254 480 | 1 325 089 | 1 337 344 | 1 329 718 | 18.71 | -0.57 |
| Baryte | (t) | 8 958 | 6 535 | 1 982 | 0 | 1 127 | -87.42 | . |
| Bentonite | (t) | 68 000 | 87 330 | 56 000 | 42 713 | 46 658 | -31.39 | 9.24 |
| Diam. (Gem) | (ct) | 342 690 | 280 160 | 243 090 | 199 600 | 0 | -100.00 | -100.00 |
| Diam. (Ind) | (ct) | 16 792 040 | 13 727 890 | 11 911 450 | 9 780 400 | 0 | -100.00 | -100.00 |
| Diatomite | (t) | 1 085 | 4 | 8 | 2 011 | 25 935 | 2 290.32 | 1 189.66 |
| Feldspar | (t) | 329 | 542 | 50 | 1 241 | 52 | -84.19 | -95.81 |
| Gypsum | (t) | 3 184 480 | 4 070 814 | 3 676 467 | 3 422 265 | 4 168 380 | 30.90 | 21.80 |
| Kaolin | (t) | 192 150 | 173 738 | 114 050 | 154 812 | 173 187 | -9.87 | 11.87 |
| Magnesite | (t) | 210 844 | 263 446 | 413 182 | 799 203 | 893 623 | 323.83 | 11.81 |
| Perlite | (t) | 275 | 2 285 | 1 264 | 2 185 | 3 821 | 1 289.45 | 74.87 |
| Phosphates | (t) | 216 670 | 195 720 | 165 750 | 215 700 | 170 | -99.92 | -99.92 |
| Salt | (t) | 12 218 780 | 13 493 556 | 12 173 391 | 12 212 483 | 12 574 025 | 2.91 | 2.96 |
| Sulfur | (t) | 900 000 | 900 000 | 900 000 | 900 000 | 900 000 | 0.00 | 0.00 |
| Talc | (t) | 120 000 | 130 000 | 140 000 | 110 000 | 90 000 | -25.00 | -18.18 |
| Zircon | (t) | 430 850 | 522 400 | 468 900 | 380 000 | 569 000 | 32.06 | 49.74 |
| Steam Coal | (t) | 252 748 000 | 259 784 000 | 271 388 000 | 267 504 000 | 248 001 000 | -1.88 | -7.29 |
| Coking Coal | (t) | 190 000 000 | 179 350 000 | 189 066 000 | 183 764 000 | 170 601 000 | -10.21 | -7.16 |
| Lignite | (t) | 56 719 000 | 45 956 000 | 43 315 000 | 41 513 000 | 41 622 000 | -26.62 | 0.26 |
| Nat. Gas (Mio m ³) | | 113 805 | 130 987 | 154 485 | 154 263 | 156 774 | 37.76 | 1.63 |
| Petroleum | (t) | 15 335 030 | 16 793 630 | 22 464 160 | 22 381 790 | 21 782 900 | 42.05 | -2.68 |
| Uranium | (t) | 6 736 | 7 737 | 7 726 | 7 273 | 4 474 | -33.58 | -38.48 |
| Total | (t) | 1 268 897 266 | 1 291 306 877 | 1 350 112 935 | 1 337 579 509 | 1 309 620 617 | | |

Austria

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|-----|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Iron | (t) | 954 156 | 897 132 | 1 037 470 | 973 840 | 1 059 550 | 11.05 | 8.80 |
| Tungsten | (t) | 975 | 936 | 892 | 896 | 919 | -5.74 | 2.57 |
| Feldspar | (t) | 35 000 | 35 000 | 35 000 | 35 000 | 35 000 | 0.00 | 0.00 |
| Graphite | (t) | 150 | 150 | 100 | 100 | 100 | -33.33 | 0.00 |
| Gypsum | (t) | 712 469 | 836 862 | 900 217 | 901 619 | 900 374 | 26.37 | -0.14 |
| Kaolin | (t) | 13 500 | 13 500 | 13 500 | 13 500 | 13 500 | 0.00 | 0.00 |
| Magnesite | (t) | 730 482 | 808 239 | 691 909 | 816 370 | 844 226 | 15.57 | 3.41 |
| Salt | (t) | 1 156 326 | 1 176 807 | 1 212 158 | 1 014 554 | 1 117 586 | -3.35 | 10.16 |
| Sulfur | (t) | 7 691 | 6 980 | 6 768 | 6 564 | 4 755 | -38.17 | -27.56 |
| Talc | (t) | 123 558 | 127 866 | 124 184 | 123 000 | 157 493 | 27.46 | 28.04 |
| Nat. Gas (Mio m ³) | | 1 742 | 969 | 891 | 743 | 654 | -62.46 | -11.98 |
| Oil Shales | (t) | 170 | 150 | 100 | 100 | 100 | -41.18 | 0.00 |
| Petroleum | (t) | 741 890 | 681 842 | 642 953 | 609 254 | 571 428 | -22.98 | -6.21 |
| Total | (t) | 5 869 967 | 5 360 664 | 5 378 051 | 5 089 197 | 5 228 231 | | |

Abbreviations: see Definitions

Azerbaijan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Aluminium | (t) | 28 500 | 45 390 | 32 700 | 28 560 | 31 000 | 8.77 | 8.54 |
| Copper | (t) | 2 063 | 1 650 | 2 213 | 2 591 | 2 649 | 28.41 | 2.24 |
| Gold | (kg) | 3 667 | 4 239 | 3 897 | 3 635 | 3 427 | -6.54 | -5.72 |
| Silver | (kg) | 6 949 | 8 943 | 8 160 | 7 590 | 8 988 | 29.34 | 18.42 |
| Bentonite | (t) | 235 617 | 212 336 | 222 519 | 155 112 | 174 242 | -26.05 | 12.33 |
| Gypsum | (t) | 85 100 | 270 471 | 314 224 | 297 594 | 417 892 | 391.06 | 40.42 |
| Salt | (t) | 66 968 | 66 699 | 77 116 | 76 401 | 71 495 | 6.76 | -6.42 |
| Nat. Gas | (Mio m ³) | 18 186 | 19 207 | 24 514 | 26 487 | 32 578 | 79.14 | 23.00 |
| Petroleum | (t) | 38 688 400 | 38 814 300 | 37 501 200 | 34 531 900 | 34 580 300 | -10.62 | 0.14 |
| Total | (t) | 53 655 459 | 54 776 459 | 57 761 184 | 56 281 770 | 61 339 990 | | |

Bahamas

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Salt | (t) | 349 710 | 854 223 | 714 387 | 623 007 | 368 702 | 5.43 | -40.82 |
| Total | (t) | 349 710 | 854 223 | 714 387 | 623 007 | 368 702 | | |

Bahrain

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Aluminium | (t) | 981 016 | 1 011 101 | 1 365 005 | 1 548 500 | 1 561 222 | 59.14 | 0.82 |
| Sulfur | (t) | 144 805 | 139 370 | 139 655 | 125 350 | 130 000 | -10.22 | 3.71 |
| Nat. Gas | (Mio m ³) | 15 230 | 15 420 | 17 120 | 17 230 | 17 590 | 15.50 | 2.09 |
| Petroleum | (t) | 9 815 140 | 9 667 380 | 9 668 850 | 9 694 300 | 9 608 230 | -2.11 | -0.89 |
| Total | (t) | 23 124 961 | 23 153 851 | 24 869 510 | 25 152 150 | 25 371 452 | | |

Bangladesh

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Salt | (t) | 1 660 000 | 1 493 000 | 1 824 000 | 1 570 000 | 1 651 000 | -0.54 | 5.16 |
| Steam Coal | (t) | 1 160 658 | 923 276 | 805 696 | 811 138 | 753 973 | -35.04 | -7.05 |
| Nat. Gas | (Mio m ³) | 27 450 | 27 430 | 27 230 | 24 990 | 25 170 | -8.31 | 0.72 |
| Petroleum | (t) | 592 650 | 589 650 | 565 140 | 522 570 | 463 590 | -21.78 | -11.29 |
| Total | (t) | 25 373 308 | 24 949 926 | 24 978 836 | 22 895 708 | 23 004 563 | | |

Abbreviations: see Definitions

Barbados

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|--------|--------|--------|--------|--------|-----------------|-----------------|
| Nat. Gas | (Mio m ³) | 15 | 14 | 14 | 11 | 11 | -26.67 | 0.00 |
| Petroleum | (t) | 32 050 | 30 070 | 28 560 | 23 590 | 20 770 | -35.20 | -11.95 |
| Total | (t) | 44 050 | 41 270 | 39 760 | 32 390 | 29 570 | | |

Belarus

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Potash | (t) | 7 101 800 | 7 346 096 | 7 348 293 | 7 562 153 | 7 750 000 | 9.13 | 2.48 |
| Salt | (t) | 2 629 000 | 2 904 097 | 2 517 590 | 1 198 290 | 2 265 000 | -13.85 | 89.02 |
| Nat. Gas | (Mio m ³) | 205 | 211 | 218 | 219 | 229 | 11.71 | 4.57 |
| Petroleum | (t) | 1 650 000 | 1 670 000 | 1 690 000 | 1 710 000 | 1 737 000 | 5.27 | 1.58 |
| Total | (t) | 11 544 800 | 12 088 993 | 11 730 283 | 10 645 643 | 11 935 200 | | |

Belgium

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|----------|-----|-------|-------|-------|-------|-------|-----------------|-----------------|
| Arsenic | (t) | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 0.00 | 0.00 |
| Indium | (t) | 20 | 20 | 20 | 20 | 20 | 0.00 | 0.00 |
| Selenium | (t) | 200 | 200 | 200 | 200 | 200 | 0.00 | 0.00 |
| Total | (t) | 1 220 | 1 220 | 1 220 | 1 220 | 1 220 | | |

Benin

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------|------|------|------|------|------|------|-----------------|-----------------|
| Gold | (kg) | 5 | 5 | 5 | 5 | 5 | 0.00 | 0.00 |
| Salt | (t) | 500 | 500 | 500 | 500 | 500 | 0.00 | 0.00 |
| Total | (t) | 500 | 500 | 500 | 500 | 500 | | |

Bhutan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Iron | (t) | 21 100 | 24 220 | 23 590 | 9 430 | 16 590 | -21.37 | 75.93 |
| Gypsum | (t) | 328 128 | 461 128 | 490 596 | 331 050 | 403 753 | 23.05 | 21.96 |
| Talc | (t) | 1 293 | 2 042 | 1 375 | 972 | 678 | -47.56 | -30.25 |

Abbreviations: see Definitions

| | | | | | | | | |
|------------|-----|---------|---------|---------|---------|---------|--------|-------|
| Steam Coal | (t) | 161 527 | 186 824 | 184 785 | 72 838 | 111 545 | -30.94 | 53.14 |
| Total | (t) | 512 048 | 674 214 | 700 346 | 414 290 | 532 566 | | |

Bolivia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 22 230 | 41 560 | 45 830 | 15 410 | 17 010 | -23.48 | 10.38 |
| Manganese | (t) | 0 | 110 | 3 660 | 4 710 | 5 100 | . | 8.28 |
| Tantalum | (t) | 3 | 18 | 10 | 8 | 1 | -66.67 | -87.50 |
| Tungsten | (t) | 1 015 | 1 366 | 1 064 | 1 347 | 1 563 | 53.99 | 16.04 |
| Antimony | (t) | 2 881 | 3 110 | 2 747 | 2 629 | 3 084 | 7.05 | 17.31 |
| Arsenic | (t) | 20 | 238 | 126 | 50 | 100 | 400.00 | 100.00 |
| Bismuth | (t) | 8 | 39 | 0 | 55 | 27 | 237.50 | -50.91 |
| Copper | (t) | 7 219 | 5 216 | 4 478 | 2 822 | 3 310 | -54.15 | 17.29 |
| Lead | (t) | 113 286 | 112 140 | 88 002 | 64 619 | 92 767 | -18.11 | 43.56 |
| Lithium | (t) | 20 | 10 | 160 | 80 | 410 | 1 950.00 | 412.50 |
| Tin | (t) | 18 386 | 17 251 | 17 147 | 14 709 | 19 628 | 6.76 | 33.44 |
| Zinc | (t) | 527 206 | 519 630 | 527 521 | 358 411 | 499 257 | -5.30 | 39.30 |
| Gold | (kg) | 28 726 | 31 599 | 42 000 | 23 207 | 45 662 | 58.96 | 96.76 |
| Silver | (kg) | 1 222 371 | 1 191 024 | 1 153 109 | 929 909 | 1 289 456 | 5.49 | 38.66 |
| Baryte | (t) | 29 114 | 53 163 | 39 458 | 9 611 | 26 780 | -8.02 | 178.64 |
| Bentonite | (t) | 68 | 2 | 0 | 0 | 0 | -100.00 | . |
| Boron | (t) | 208 388 | 216 403 | 214 269 | 258 019 | 309 940 | 48.73 | 20.12 |
| Gypsum | (t) | 473 | 1 136 | 3 905 | 1 000 | 1 000 | 111.42 | 0.00 |
| Potash | (t) | | 1 700 | 17 800 | 4 400 | 32 600 | . | 640.91 |
| Salt | (t) | 3 358 | 5 373 | 4 494 | 14 949 | 21 777 | 548.51 | 45.68 |
| Nat. Gas | (Mio m ³) | 20 695 | 19 341 | 17 046 | 16 384 | 16 967 | -18.01 | 3.56 |
| Petroleum | (t) | 2 711 300 | 2 534 273 | 2 244 260 | 2 065 070 | 2 032 870 | -25.02 | -1.56 |
| Total | (t) | 20 202 226 | 18 986 761 | 16 852 926 | 15 926 052 | 16 642 159 | | |

Bosnia-Herzegovina

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|---------|---------|-----------|---------|---------|-----------------|-----------------|
| Iron | (t) | 827 170 | 704 050 | 739 600 | 727 980 | 792 500 | -4.19 | 8.86 |
| Aluminium | (t) | 125 536 | 131 508 | 67 690 | 0 | 90 037 | -28.28 | . |
| Bauxite | (t) | 740 384 | 760 244 | 1 043 343 | 619 748 | 675 269 | -8.79 | 8.96 |
| Lead | (t) | 6 740 | 7 070 | 7 470 | 6 110 | 6 310 | -6.38 | 3.27 |
| Zinc | (t) | 9 180 | 9 350 | 9 160 | 6 610 | 7 310 | -20.37 | 10.59 |
| Bentonite | (t) | 92 344 | 87 358 | 94 601 | 69 183 | 75 761 | -17.96 | 9.51 |
| Gypsum | (t) | 99 001 | 122 421 | 130 788 | 140 994 | 297 225 | 200.22 | 110.81 |
| Kaolin | (t) | 252 959 | 303 626 | 118 005 | 108 174 | 62 599 | -75.25 | -42.13 |

Abbreviations: see Definitions

| | | | | | | | | |
|-----------|-----|------------|------------|------------|------------|------------|--------|--------|
| Magnesite | (t) | 8 500 | 5 950 | 1 400 | 652 | 196 | -97.69 | -69.94 |
| Salt | (t) | 1 029 302 | 1 063 458 | 1 069 210 | 947 838 | 966 358 | -6.12 | 1.95 |
| Lignite | (t) | 14 033 504 | 14 378 767 | 13 376 548 | 13 365 730 | 12 802 517 | -8.77 | -4.21 |
| Total | (t) | 17 224 620 | 17 573 802 | 16 657 815 | 15 993 019 | 15 776 082 | | |

Botswana

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Copper | (t) | 1 239 | 1 462 | 0 | 0 | 11 742 | 847.70 | . |
| Gold | (kg) | 913 | 1 105 | 943 | 851 | 649 | -28.92 | -23.74 |
| Silver | (kg) | | | | 0 | 10 383 | . | . |
| Diam. (Gem) | (ct) | 16 058 700 | 17 064 600 | 16 580 900 | 11 807 600 | 15 887 200 | -1.07 | 34.55 |
| Diam. (Ind) | (ct) | 6 882 300 | 7 313 400 | 7 106 100 | 5 060 400 | 6 808 800 | -1.07 | 34.55 |
| Salt | (t) | 369 613 | 367 988 | 383 779 | 418 379 | 499 527 | 35.15 | 19.40 |
| Steam Coal | (t) | 2 215 782 | 2 482 313 | 2 110 891 | 1 923 992 | 2 021 218 | -8.78 | 5.05 |
| Total | (t) | 2 586 639 | 2 851 768 | 2 494 675 | 2 342 375 | 2 532 502 | | |

Brazil

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Iron | (t) | 289 089 904 | 287 617 655 | 255 339 422 | 245 951 962 | 273 330 125 | -5.45 | 11.13 |
| Chromium | (t) | 212 503 | 219 724 | 199 256 | 226 762 | 248 108 | 16.76 | 9.41 |
| Cobalt | (t) | 185 | 4 | 0 | 0 | 0 | -100.00 | . |
| Manganese | (t) | 1 343 967 | 1 310 825 | 1 452 034 | 932 721 | 597 446 | -55.55 | -35.95 |
| Nickel | (t) | 68 803 | 65 254 | 55 761 | 68 097 | 75 988 | 10.44 | 11.59 |
| Niobium | (t) | 83 166 | 99 554 | 126 641 | 85 572 | 112 755 | 35.58 | 31.77 |
| Tantalum | (t) | 270 | 345 | 340 | 300 | 350 | 29.63 | 16.67 |
| Titanium | (t) | 66 930 | 73 090 | 81 650 | 61 940 | 75 100 | 12.21 | 21.25 |
| Tungsten | (t) | 411 | 346 | 306 | 262 | 301 | -26.76 | 14.89 |
| Vanadium | (t) | 6 798 | 6 562 | 7 045 | 7 582 | 7 212 | 6.09 | -4.88 |
| Aluminium | (t) | 801 700 | 659 000 | 650 200 | 685 100 | 771 700 | -3.74 | 12.64 |
| Bauxite | (t) | 38 072 100 | 32 377 000 | 31 937 900 | 32 897 800 | 35 949 600 | -5.57 | 9.28 |
| Beryllium | (t) | 69 | 39 | 9 | 10 | 10 | -85.51 | 0.00 |
| Cadmium | (t) | 180 | 300 | 450 | 100 | 50 | -72.22 | -50.00 |
| Copper | (t) | 384 542 | 385 762 | 363 268 | 353 258 | 335 761 | -12.69 | -4.95 |
| Indium | (t) | 5 | 0 | 0 | 0 | 0 | -100.00 | . |
| Lead | (t) | 6 959 | 7 277 | 5 715 | 5 351 | 6 307 | -9.37 | 17.87 |
| Lithium | (t) | 533 | 786 | 2 575 | 4 065 | 5 670 | 963.79 | 39.48 |
| Rare Earths | (t) | 1 900 | 510 | 380 | 450 | 580 | -69.47 | 28.89 |
| Tin | (t) | 17 081 | 17 591 | 14 867 | 16 893 | 15 517 | -9.16 | -8.15 |
| Zinc | (t) | 156 348 | 169 773 | 163 403 | 174 332 | 159 913 | 2.28 | -8.27 |
| Gold | (kg) | 79 717 | 85 198 | 89 988 | 98 922 | 93 103 | 16.79 | -5.88 |
| Silver | (kg) | 46 400 | 49 600 | 50 000 | 68 430 | 80 870 | 74.29 | 18.18 |

Abbreviations: see Definitions

| | | | | | | | | |
|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|--------|--------|
| Asbestos | (t) | 129 094 | 111 439 | 12 205 | 77 057 | 172 256 | 33.43 | 123.54 |
| Baryte | (t) | 16 275 | 9 377 | 9 223 | 1 849 | 361 | -97.78 | -80.48 |
| Bentonite | (t) | 616 929 | 500 000 | 403 763 | 217 055 | 220 000 | -64.34 | 1.36 |
| Diam. (Gem) | (ct) | 84 115 | 82 810 | 53 240 | 41 300 | 46 670 | -44.52 | 13.00 |
| Diam. (Ind) | (ct) | 170 780 | 168 130 | 108 085 | 83 840 | 94 760 | -44.51 | 13.02 |
| Diatomite | (t) | 30 192 | 20 562 | 17 673 | 35 574 | 10 665 | -64.68 | -70.02 |
| Feldspar | (t) | 519 605 | 592 284 | 632 349 | 450 573 | 491 042 | -5.50 | 8.98 |
| Fluorspar | (t) | 25 522 | 28 195 | 24 399 | 24 730 | 28 158 | 10.33 | 13.86 |
| Graphite | (t) | 95 000 | 78 981 | 81 770 | 67 020 | 78 555 | -17.31 | 17.21 |
| Gypsum | (t) | 2 176 356 | 2 666 002 | 2 842 654 | 2 851 643 | 2 887 575 | 32.68 | 1.26 |
| Kaolin | (t) | 1 681 188 | 1 685 255 | 1 471 610 | 1 239 591 | 1 153 884 | -31.36 | -6.91 |
| Magnesite | (t) | 2 303 971 | 1 900 000 | 1 530 000 | 1 550 000 | 1 800 000 | -21.87 | 16.13 |
| Phosphates | (t) | 2 083 000 | 1 980 300 | 1 828 500 | 1 698 100 | 1 765 000 | -15.27 | 3.94 |
| Potash | (t) | 306 296 | 201 181 | 248 911 | 254 837 | 213 028 | -30.45 | -16.41 |
| Salt | (t) | 7 381 546 | 7 227 300 | 6 700 500 | 6 464 300 | 6 534 300 | -11.48 | 1.08 |
| Sulfur | (t) | 530 000 | 450 000 | 460 000 | 450 000 | 435 000 | -17.92 | -3.33 |
| Talc | (t) | 500 000 | 660 000 | 650 000 | 650 000 | 660 000 | 32.00 | 1.54 |
| Vermiculite | (t) | 50 050 | 56 708 | 47 581 | 58 821 | 70 500 | 40.86 | 19.86 |
| Zircon | (t) | 19 016 | 17 844 | 17 136 | 10 994 | 6 482 | -65.91 | -41.04 |
| Steam Coal | (t) | 3 325 439 | 3 568 760 | 3 812 975 | 3 171 509 | 4 768 003 | 43.38 | 50.34 |
| Lignite | (t) | 1 488 084 | 1 422 500 | 1 596 696 | 2 309 404 | 1 896 525 | 27.45 | -17.88 |
| Nat. Gas | (Mio m ³) | 28 663 | 26 687 | 27 358 | 25 384 | 25 382 | -11.45 | -0.01 |
| Petroleum | (t) | 136 052 700 | 134 122 000 | 143 933 400 | 151 759 400 | 149 154 800 | 9.63 | -1.72 |
| Uranium | (t) | 0 | 0 | 0 | 20 | 34 | . | 70.00 |
| Total | (t) | 512 575 143 | 501 659 820 | 478 609 107 | 475 122 401 | 504 344 435 | | |

Brunei

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Nat. Gas | (Mio m ³) | 14 578 | 12 235 | 12 504 | 12 065 | 11 178 | -23.32 | -7.35 |
| Petroleum | (t) | 5 635 870 | 5 553 200 | 6 040 240 | 5 479 350 | 5 308 680 | -5.81 | -3.11 |
| Total | (t) | 17 298 270 | 15 341 200 | 16 043 440 | 15 131 350 | 14 251 080 | | |

Bulgaria

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Manganese | (t) | 574 | 0 | 0 | 0 | 0 | -100.00 | . |
| Cadmium | (t) | 333 | 313 | 315 | 311 | 343 | 3.00 | 10.29 |
| Copper | (t) | 110 290 | 112 850 | 114 240 | 107 610 | 104 020 | -5.69 | -3.34 |
| Lead | (t) | 22 860 | 24 200 | 23 350 | 20 680 | 21 420 | -6.30 | 3.58 |
| Tellurium | (t) | 5 | 4 | 3 | 4 | 3 | -40.00 | -25.00 |
| Zinc | (t) | 19 250 | 20 390 | 19 170 | 17 520 | 17 910 | -6.96 | 2.23 |
| Gold | (kg) | 8 670 | 8 995 | 7 467 | 9 349 | 9 695 | 11.82 | 3.70 |
| Silver | (kg) | 59 484 | 47 016 | 40 755 | 39 126 | 38 661 | -35.01 | -1.19 |
| Baryte | (t) | 64 000 | 70 000 | 72 000 | 41 000 | 72 000 | 12.50 | 75.61 |
| Bentonite | (t) | 54 100 | 45 000 | 45 000 | 40 900 | 72 100 | 33.27 | 76.28 |
| Gypsum | (t) | 88 000 | 88 000 | 88 000 | 54 800 | 77 400 | -12.05 | 41.24 |

Abbreviations: see Definitions

| | | | | | | | | |
|------------|-----------------------|------------|------------|------------|------------|------------|--------|--------|
| Kaolin | (t) | 322 800 | 323 000 | 330 000 | 276 000 | 380 000 | 17.72 | 37.68 |
| Salt | (t) | 3 400 000 | 3 400 000 | 3 400 000 | 2 700 000 | 3 300 000 | -2.94 | 22.22 |
| Sulfur | (t) | 501 000 | 474 100 | 423 600 | 497 000 | 434 500 | -13.27 | -12.58 |
| Lignite | (t) | 34 587 500 | 31 813 678 | 29 462 615 | 22 519 300 | 28 410 900 | -17.86 | 26.16 |
| Nat. Gas | (Mio m ³) | 65 | 31 | 35 | 55 | 31 | -52.31 | -43.64 |
| Oil Shales | (t) | | 0 | 39 000 | 44 000 | 56 000 | . | 27.27 |
| Petroleum | (t) | 21 930 | 20 600 | 20 000 | 20 500 | 20 086 | -8.41 | -2.02 |
| Total | (t) | 39 244 710 | 36 416 991 | 34 065 341 | 26 383 673 | 32 991 531 | | |

Burkina Faso

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------|------|--------|--------|---------|--------|--------|-----------------|-----------------|
| Zinc | (t) | 91 530 | 99 162 | 106 680 | 78 990 | 84 170 | -8.04 | 6.56 |
| Gold | (kg) | 46 398 | 52 622 | 50 302 | 62 138 | 66 858 | 44.10 | 7.60 |
| Silver | (kg) | 5 470 | 6 160 | 5 670 | 10 012 | 8 897 | 62.65 | -11.14 |
| Total | (t) | 91 581 | 99 221 | 106 736 | 79 062 | 84 246 | | |

Burundi

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|------|------|------|------|------|-----------------|-----------------|
| Niobium | (t) | 18 | 5 | 5 | 5 | 10 | -44.44 | 100.00 |
| Tantalum | (t) | 26 | 8 | 8 | 7 | 15 | -42.31 | 114.29 |
| Tungsten | (t) | 144 | 108 | 150 | 166 | 120 | -16.67 | -27.71 |
| Rare Earths | (t) | 31 | 631 | 195 | 296 | 134 | 332.26 | -54.73 |
| Tin | (t) | 123 | 122 | 143 | 121 | 95 | -22.76 | -21.49 |
| Gold | (kg) | 953 | 598 | 573 | 863 | 986 | 3.46 | 14.25 |
| Total | (t) | 343 | 875 | 502 | 596 | 375 | | |

Cambodia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------|------|--------|--------|--------|--------|--------|-----------------|-----------------|
| Gold | (kg) | | | | 0 | 1 466 | . | . |
| Salt | (t) | 33 058 | 30 000 | 18 430 | 83 969 | 68 682 | 107.76 | -18.21 |
| Total | (t) | 33 058 | 30 000 | 18 430 | 83 969 | 68 683 | | |

Abbreviations: see Definitions

Cameroon

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Aluminium | (t) | 68 598 | 65 900 | 53 200 | 47 500 | 36 400 | -46.94 | -23.37 |
| Gold | (kg) | 713 | 448 | 341 | 400 | 440 | -38.29 | 10.00 |
| Diam. (Ind) | (ct) | 1 757 | 1 805 | 1 737 | 2 438 | 2 668 | 51.85 | 9.43 |
| Nat. Gas | (Mio m ³) | 390 | 1 460 | 2 010 | 2 130 | 2 090 | 435.90 | -1.88 |
| Petroleum | (t) | 3 781 800 | 3 428 100 | 3 545 900 | 3 622 200 | 3 493 100 | -7.63 | -3.56 |
| Total | (t) | 4 162 399 | 4 662 000 | 5 207 100 | 5 373 700 | 5 201 500 | | |

Canada

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 30 682 700 | 32 180 800 | 33 020 200 | 35 775 100 | 35 070 000 | 14.30 | -1.97 |
| Cobalt | (t) | 6 058 | 5 608 | 5 132 | 4 474 | 3 834 | -36.71 | -14.30 |
| Molybdenum | (t) | 4 765 | 5 048 | 4 385 | 3 979 | 2 023 | -57.54 | -49.16 |
| Nickel | (t) | 214 302 | 177 867 | 193 057 | 158 138 | 133 581 | -37.67 | -15.53 |
| Niobium | (t) | 6 981 | 7 700 | 6 800 | 6 400 | 7 650 | 9.58 | 19.53 |
| Titanium | (t) | 670 000 | 620 000 | 550 000 | 480 000 | 440 000 | -34.33 | -8.33 |
| Aluminium | (t) | 3 212 124 | 2 924 389 | 2 853 771 | 3 118 710 | 3 136 704 | -2.35 | 0.58 |
| Antimony | (t) | 1 | 5 | 2 | 2 | 2 | 100.00 | 0.00 |
| Bismuth | (t) | 4 | 5 | 4 | 4 | 4 | 0.00 | 0.00 |
| Cadmium | (t) | 1 802 | 1 857 | 1 803 | 1 800 | 1 800 | -0.11 | 0.00 |
| Copper | (t) | 597 194 | 548 011 | 543 609 | 578 966 | 541 648 | -9.30 | -6.45 |
| Indium | (t) | 67 | 58 | 61 | 61 | 44 | -34.33 | -27.87 |
| Lead | (t) | 20 477 | 17 874 | 22 608 | 3 770 | 70 156 | 242.61 | 1 760.90 |
| Lithium | (t) | 66 | 8 750 | 1 200 | 0 | 0 | -100.00 | . |
| Selenium | (t) | 72 | 85 | 102 | 102 | 57 | -20.83 | -44.12 |
| Tellurium | (t) | 18 | 25 | 13 | 23 | 25 | 38.89 | 8.70 |
| Zinc | (t) | 346 776 | 304 964 | 323 000 | 247 534 | 310 158 | -10.56 | 25.30 |
| Gold | (kg) | 178 568 | 194 155 | 190 542 | 178 055 | 222 524 | 24.62 | 24.97 |
| Palladium | (kg) | 19 140 | 20 880 | 23 340 | 21 430 | 15 260 | -20.27 | -28.79 |
| Platinum | (kg) | 6 850 | 7 460 | 8 340 | 8 360 | 5 960 | -12.99 | -28.71 |
| Rhodium | (kg) | 600 | 750 | 830 | 730 | 520 | -13.33 | -28.77 |
| Silver | (kg) | 392 788 | 403 589 | 357 422 | 324 862 | 325 026 | -17.25 | 0.05 |
| Baryte | (t) | 50 000 | 50 000 | 40 000 | 40 000 | 50 000 | 0.00 | 25.00 |
| Diam. (Gem) | (ct) | 23 198 761 | 22 789 001 | 17 560 210 | 14 389 507 | 17 353 418 | -25.20 | 20.60 |
| Fluorspar | (t) | 0 | 20 000 | 80 000 | 50 000 | 50 000 | . | 0.00 |
| Graphite | (t) | 14 000 | 11 000 | 11 045 | 7 620 | 7 700 | -45.00 | 1.05 |
| Gypsum | (t) | 3 001 390 | 3 240 451 | 2 444 963 | 3 049 824 | 3 135 484 | 4.47 | 2.81 |
| Magnesite | (t) | 150 000 | 150 000 | 150 000 | 160 000 | 180 000 | 20.00 | 12.50 |
| Potash | (t) | 12 562 695 | 14 023 931 | 12 820 345 | 13 722 423 | 13 096 467 | 4.25 | -4.56 |
| Salt | (t) | 11 423 624 | 10 713 206 | 11 935 716 | 12 722 729 | 11 817 928 | 3.45 | -7.11 |
| Sulfur | (t) | 5 327 000 | 5 333 000 | 4 808 913 | 4 904 051 | 4 879 000 | -8.41 | -0.51 |
| Talc | (t) | 215 000 | 279 000 | 243 000 | 153 293 | 153 000 | -28.84 | -0.19 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------|-------|
| Steam Coal | (t) | 23 049 000 | 17 929 000 | 15 078 380 | 12 957 270 | 12 195 290 | -47.09 | -5.88 |
| Coking Coal | (t) | 29 219 000 | 29 666 000 | 29 952 270 | 24 978 320 | 26 972 900 | -7.69 | 7.99 |
| Lignite | (t) | 9 890 000 | 9 900 000 | 8 134 855 | 7 349 317 | 8 293 554 | -16.14 | 12.85 |
| Nat. Gas (Mio m ³) | | 173 475 | 177 821 | 170 890 | 167 048 | 173 515 | 0.02 | 3.87 |
| Oil Sands* | (t) | 144 006 100 | 156 864 600 | 158 766 200 | 153 043 300 | 167 022 400 | 15.98 | 9.13 |
| Petroleum | (t) | 238 267 000 | 258 786 900 | 265 045 900 | 253 195 200 | 266 190 400 | 11.72 | 5.13 |
| Uranium | (t) | 14 394 | 8 225 | 8 230 | 4 260 | 5 443 | -62.19 | 27.77 |
| Total | (t) | 507 727 114 | 529 171 191 | 524 991 948 | 507 312 306 | 525 557 425 | | |

*Oil Sands as part of Petroleum

Cape Verde

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------|------------|--------------|--------------|--------------|--------------|--------------|-----------------|-----------------|
| Salt | (t) | 1 000 | 1 000 | 1 000 | 2 585 | 2 621 | 162.10 | 1.39 |
| Total | (t) | 1 000 | 1 000 | 1 000 | 2 585 | 2 621 | | |

Central African Republic

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------|------------|----------|----------|----------|----------|----------|-----------------|-----------------|
| Gold | (kg) | 118 | 142 | 359 | 401 | 840 | 611.86 | 109.48 |
| Diam. (Gem) | (ct) | 47 840 | 10 860 | 22 040 | 49 470 | 74 220 | 55.14 | 50.03 |
| Diam. (Ind) | (ct) | 11 960 | 2 710 | 5 510 | 12 370 | 18 550 | 55.10 | 49.96 |
| Total | (t) | 0 | 0 | 0 | 0 | 1 | | |

Chad

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------|------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| Petroleum | (t) | 5 663 200 | 5 750 600 | 6 316 700 | 6 303 000 | 5 799 300 | 2.40 | -7.99 |
| Total | (t) | 5 663 200 | 5 750 600 | 6 316 700 | 6 303 000 | 5 799 300 | | |

Chile

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----|-----------|-----------|-----------|-----------|------------|-----------------|-----------------|
| Iron | (t) | 9 549 327 | 8 942 638 | 8 427 224 | 9 890 886 | 11 163 294 | 16.90 | 12.86 |
| Molybdenum | (t) | 62 746 | 60 705 | 54 759 | 59 381 | 49 427 | -21.23 | -16.76 |
| Copper | (t) | 5 503 500 | 5 831 600 | 5 787 400 | 5 733 100 | 5 624 900 | 2.21 | -1.89 |
| Lead | (t) | 1 562 | 712 | 7 | 1 386 | 382 | -75.54 | -72.44 |
| Lithium | (t) | 32 520 | 38 850 | 44 940 | 49 730 | 65 060 | 100.06 | 30.83 |

Abbreviations: see Definitions

| | | | | | | | | |
|------------|-----------------------|------------|------------|------------|------------|------------|---------|---------|
| Mercury | (t) | 5 | 3 | 0 | 0 | 0 | -100.00 | . |
| Rhenium | (kg) | 20 451 | 26 052 | 24 003 | 14 549 | 18 831 | -7.92 | 29.43 |
| Zinc | (t) | 29 008 | 26 810 | 5 620 | 28 662 | 27 915 | -3.77 | -2.61 |
| Gold | (kg) | 37 911 | 37 066 | 38 455 | 33 895 | 34 248 | -9.66 | 1.04 |
| Silver | (kg) | 1 318 582 | 1 370 237 | 1 309 321 | 1 575 794 | 1 383 041 | 4.89 | -12.23 |
| Bentonite | (t) | 1 584 | 525 | 395 | 170 | 170 | -89.27 | 0.00 |
| Boron | (t) | 607 076 | 398 411 | 352 255 | 288 103 | 363 032 | -40.20 | 26.01 |
| Diatomite | (t) | 27 557 | 24 736 | 21 328 | 21 477 | 27 096 | -1.67 | 26.16 |
| Feldspar | (t) | 4 421 | 2 789 | 55 | 329 | 0 | -100.00 | -100.00 |
| Gypsum | (t) | 1 157 466 | 909 191 | 977 397 | 910 310 | 1 007 206 | -12.98 | 10.64 |
| Kaolin | (t) | 60 000 | 88 262 | 34 801 | 38 789 | 49 533 | -17.45 | 27.70 |
| Perlite | (t) | 4 210 | 5 020 | 4 700 | 0 | 0 | -100.00 | . |
| Phosphates | (t) | 1 190 | 1 160 | 950 | 590 | 620 | -47.90 | 5.08 |
| Potash | (t) | 1 238 630 | 991 180 | 683 540 | 966 680 | 891 450 | -28.03 | -7.78 |
| Salt | (t) | 7 440 741 | 10 012 105 | 10 476 823 | 9 574 159 | 8 565 307 | 15.11 | -10.54 |
| Sulfur | (t) | 1 797 800 | 1 734 200 | 1 516 400 | 1 742 000 | 1 655 100 | -7.94 | -4.99 |
| Steam Coal | (t) | 2 495 390 | 2 294 677 | 1 606 554 | 191 562 | 18 541 | -99.26 | -90.32 |
| Nat. Gas | (Mio m ³) | 1 200 | 1 221 | 1 339 | 1 316 | 1 275 | 6.25 | -3.12 |
| Petroleum | (t) | 177 760 | 160 330 | 161 520 | 102 640 | 109 980 | -38.13 | 7.15 |
| Total | (t) | 31 153 870 | 32 502 137 | 31 229 239 | 30 654 379 | 30 640 449 | | |

China

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Iron | (t) | 215 920 000 | 209 243 800 | 219 375 000 | 225 400 000 | 254 900 000 | 18.05 | 13.09 |
| Chromium | (t) | 12 000 | 16 330 | 27 250 | 54 440 | 67 620 | 463.50 | 24.21 |
| Cobalt | (t) | 8 300 | 3 100 | 3 000 | 2 200 | 2 000 | -75.90 | -9.09 |
| Manganese | (t) | 2 508 000 | 1 180 000 | 1 350 000 | 1 218 000 | 1 300 000 | -48.17 | 6.73 |
| Molybdenum | (t) | 117 090 | 98 420 | 104 670 | 95 970 | 102 600 | -12.38 | 6.91 |
| Nickel | (t) | 102 348 | 98 963 | 104 674 | 105 048 | 104 600 | 2.20 | -0.43 |
| Niobium | (t) | 30 | 20 | 20 | 30 | 30 | 0.00 | 0.00 |
| Tantalum | (t) | 110 | 100 | 135 | 180 | 180 | 63.64 | 0.00 |
| Titanium | (t) | 1 242 000 | 1 932 000 | 2 306 900 | 2 911 800 | 2 856 650 | 130.00 | -1.89 |
| Tungsten | (t) | 71 800 | 68 000 | 74 950 | 71 450 | 68 660 | -4.37 | -3.90 |
| Vanadium | (t) | 48 500 | 53 200 | 64 700 | 69 960 | 63 800 | 31.55 | -8.81 |
| Aluminium | (t) | 33 289 600 | 36 831 000 | 35 361 600 | 37 080 400 | 38 503 200 | 15.66 | 3.84 |
| Antimony | (t) | 97 683 | 70 396 | 68 422 | 60 995 | 41 480 | -57.54 | -31.99 |
| Arsenic | (t) | 25 000 | 24 000 | 24 000 | 24 000 | 24 000 | -4.00 | 0.00 |
| Bauxite | (t) | 68 390 000 | 70 751 000 | 73 323 700 | 70 000 000 | 68 400 000 | 0.01 | -2.29 |
| Beryllium | (t) | 1 250 | 1 250 | 1 750 | 1 750 | 1 750 | 40.00 | 0.00 |
| Bismuth | (t) | 6 800 | 7 000 | 7 000 | 7 500 | 8 000 | 17.65 | 6.67 |
| Cadmium | (t) | 8 411 | 10 349 | 10 000 | 10 000 | 10 000 | 18.89 | 0.00 |
| Copper | (t) | 1 706 400 | 1 618 480 | 1 683 450 | 1 718 940 | 1 901 000 | 11.40 | 10.59 |
| Gallium | (t) | 290 | 305 | 356 | 290 | 420 | 44.83 | 44.83 |
| Germanium | (t) | 87 | 95 | 85 | 86 | 132 | 51.72 | 53.49 |
| Indium | (t) | 355 | 395 | 490 | 528 | 540 | 52.11 | 2.27 |
| Lead | (t) | 2 080 000 | 2 033 000 | 2 097 000 | 1 969 000 | 2 000 000 | -3.85 | 1.57 |
| Lithium | (t) | 14 700 | 15 300 | 19 000 | 28 800 | 30 500 | 107.48 | 5.90 |
| Mercury | (t) | 1 949 | 2 303 | 2 046 | 1 993 | 1 400 | -28.17 | -29.75 |
| Rare Earths | (t) | 105 000 | 120 000 | 132 000 | 140 000 | 168 000 | 60.00 | 20.00 |
| Rhenium | (kg) | 2 500 | 2 500 | 2 500 | 2 500 | 2 500 | 0.00 | 0.00 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|------|---------------|---------------|---------------|---------------|---------------|---------|---------|
| Selenium | (t) | 720 | 930 | 1 250 | 1 120 | 1 400 | 94.44 | 25.00 |
| Tellurium | (t) | 470 | 480 | 380 | 260 | 530 | 12.77 | 103.85 |
| Tin | (t) | 74 800 | 87 070 | 85 584 | 94 460 | 91 000 | 21.66 | -3.66 |
| Zinc | (t) | 3 868 500 | 3 721 000 | 4 213 000 | 4 058 000 | 4 136 000 | 6.91 | 1.92 |
| Gold | (kg) | 426 142 | 401 119 | 380 230 | 365 340 | 328 980 | -22.80 | -9.95 |
| Palladium | (kg) | 1 400 | 1 300 | 1 300 | 1 300 | 1 300 | -7.14 | 0.00 |
| Platinum | (kg) | 2 500 | 2 500 | 2 500 | 2 500 | 2 500 | 0.00 | 0.00 |
| Silver | (kg) | 3 620 400 | 3 440 000 | 3 468 000 | 3 405 800 | 3 511 600 | -3.01 | 3.11 |
| Asbestos | (t) | 125 000 | 170 000 | 125 000 | 120 000 | 120 000 | -4.00 | 0.00 |
| Baryte | (t) | 3 100 000 | 2 900 000 | 2 900 000 | 2 500 000 | 2 200 000 | -29.03 | -12.00 |
| Bentonite | (t) | 5 600 000 | 5 600 000 | 5 600 000 | 3 650 000 | 2 500 000 | -55.36 | -31.51 |
| Boron | (t) | 70 000 | 80 000 | 250 000 | 250 000 | 250 000 | 257.14 | 0.00 |
| Diam. (Gem) | (ct) | 230 | 99 | 51 | 21 | 0 | -100.00 | -100.00 |
| Diatomite | (t) | 400 000 | 280 000 | 420 000 | 420 000 | 200 000 | -50.00 | -52.38 |
| Feldspar | (t) | 2 500 000 | 2 500 000 | 2 450 000 | 2 450 000 | 2 450 000 | -2.00 | 0.00 |
| Fluorspar | (t) | 3 800 000 | 3 500 000 | 4 000 000 | 4 300 000 | 5 400 000 | 42.11 | 25.58 |
| Graphite | (t) | 625 000 | 630 000 | 700 000 | 665 000 | 735 000 | 17.60 | 10.53 |
| Gypsum | (t) | 25 000 000 | 25 000 000 | 25 000 000 | 25 000 000 | 25 000 000 | 0.00 | 0.00 |
| Kaolin | (t) | 6 910 000 | 6 650 000 | 6 400 000 | 6 500 000 | 6 400 000 | -7.38 | -1.54 |
| Magnesite | (t) | 18 500 000 | 19 000 000 | 19 000 000 | 19 000 000 | 18 000 000 | -2.70 | -5.26 |
| Phosphates | (t) | 36 939 600 | 28 897 800 | 27 997 200 | 26 679 960 | 30 869 700 | -16.43 | 15.70 |
| Potash | (t) | 5 534 000 | 5 452 000 | 5 902 000 | 5 530 000 | 5 814 600 | 5.07 | 5.15 |
| Salt | (t) | 66 541 700 | 63 636 100 | 67 014 400 | 58 526 800 | 57 065 100 | -14.24 | -2.50 |
| Sulfur | (t) | 13 488 700 | 13 762 700 | 14 450 000 | 15 340 000 | 15 730 000 | 16.62 | 2.54 |
| Talc | (t) | 1 800 000 | 2 000 000 | 1 800 000 | 1 300 000 | 1 400 000 | -22.22 | 7.69 |
| Vermiculite | (t) | 50 000 | 50 000 | 50 000 | 50 000 | 40 000 | -20.00 | -20.00 |
| Zircon | (t) | 116 000 | 150 000 | 140 000 | 140 000 | 140 000 | 20.69 | 0.00 |
| Steam Coal | (t) | 2 671 559 000 | 2 850 962 000 | 2 970 445 000 | 2 999 940 000 | 3 152 948 000 | 18.02 | 5.10 |
| Coking Coal | (t) | 516 107 000 | 530 440 000 | 538 634 000 | 561 254 300 | 572 061 400 | 10.84 | 1.93 |
| Nat. Gas (Mio m ³) | | 148 035 | 160 159 | 175 362 | 192 495 | 207 584 | 40.23 | 7.84 |
| Petroleum | (t) | 191 506 100 | 189 324 200 | 191 628 300 | 194 768 600 | 198 881 100 | 3.85 | 2.11 |
| Uranium | (t) | 2 223 | 2 223 | 2 223 | 2 223 | 2 223 | 0.00 | 0.00 |
| Total | (t) | 4 018 408 569 | 4 207 106 357 | 4 365 643 990 | 4 427 513 861 | 4 639 063 663 | | |

Christmas Island

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----|---------|---------|--------|---------|---------|-----------------|-----------------|
| Phosphates | (t) | 147 890 | 111 780 | 89 010 | 120 750 | 120 290 | -18.66 | -0.38 |
| Total | (t) | 147 890 | 111 780 | 89 010 | 120 750 | 120 290 | | |

Colombia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Iron | (t) | 320 790 | 353 950 | 300 020 | 353 950 | 337 450 | 5.19 | -4.66 |
| Manganese | (t) | 0 | 80 | 160 | 0 | 0 | . | . |
| Nickel | (t) | 40 606 | 43 056 | 40 571 | 36 094 | 38 301 | -5.68 | 6.11 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|------|-------------|-------------|-------------|-------------|-------------|---------|---------|
| Bauxite | (t) | 2 400 | 13 666 | 18 033 | 9 595 | 3 200 | 33.33 | -66.65 |
| Copper | (t) | 9 356 | 9 918 | 7 641 | 9 356 | 9 194 | -1.73 | -1.73 |
| Tin | (t) | | 0 | 22 | 10 | 0 | . | -100.00 |
| Gold | (kg) | 43 158 | 35 965 | 38 006 | 48 561 | 55 534 | 28.68 | 14.36 |
| Platinum | (kg) | 567 | 270 | 178 | 414 | 618 | 8.99 | 49.28 |
| Silver | (kg) | 12 076 | 16 691 | 14 479 | 19 948 | 26 963 | 123.28 | 35.17 |
| Baryte | (t) | 2 028 | 3 211 | 2 270 | 2 046 | 744 | -63.31 | -63.64 |
| Bentonite | (t) | 103 217 | 166 778 | 145 643 | 179 893 | 51 353 | -50.25 | -71.45 |
| Feldspar | (t) | 150 334 | 141 794 | 179 856 | 134 846 | 46 887 | -68.81 | -65.23 |
| Fluorspar | (t) | 57 | 46 | 0 | 0 | 0 | -100.00 | . |
| Graphite | (t) | | 0 | 135 | 0 | 0 | . | . |
| Gypsum | (t) | 406 624 | 396 373 | 294 137 | 284 222 | 293 186 | -27.90 | 3.15 |
| Kaolin | (t) | 164 077 | 70 799 | 96 051 | 29 372 | 70 032 | -57.32 | 138.43 |
| Magnesite | (t) | 1 913 | 1 039 | 1 847 | 1 077 | 0 | -100.00 | -100.00 |
| Phosphates | (t) | 15 870 | 13 240 | 20 480 | 14 210 | 9 470 | -40.33 | -33.36 |
| Salt | (t) | 511 117 | 403 316 | 347 183 | 380 406 | 342 497 | -32.99 | -9.97 |
| Sulfur | (t) | 81 172 | 155 641 | 100 203 | 69 638 | 70 000 | -13.76 | 0.52 |
| Talc | (t) | 2 374 | 2 062 | 1 708 | 717 | 45 | -98.10 | -93.72 |
| Steam Coal | (t) | 85 213 000 | 80 771 070 | 79 770 360 | 46 768 892 | 47 072 614 | -44.76 | 0.65 |
| Coking Coal | (t) | 6 078 000 | 5 555 700 | 5 398 800 | 5 780 420 | 5 817 960 | -4.28 | 0.65 |
| Nat. Gas (Mio m ³) | | 10 915 | 11 590 | 11 800 | 11 770 | 12 110 | 10.95 | 2.89 |
| Petroleum | (t) | 42 519 290 | 43 088 900 | 44 101 940 | 38 993 490 | 36 660 230 | -13.78 | -5.98 |
| Total | (t) | 144 354 281 | 140 462 692 | 140 267 112 | 102 464 303 | 100 511 247 | | |

Congo, D.R.

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Cobalt | (t) | 82 461 | 111 713 | 78 664 | 86 591 | 93 011 | 12.79 | 7.41 |
| Manganese | (t) | 0 | 5 360 | 1 780 | 1 000 | 1 000 | . | 0.00 |
| Niobium | (t) | 717 | 607 | 433 | 565 | 475 | -33.75 | -15.93 |
| Tantalum | (t) | 761 | 644 | 460 | 600 | 505 | -33.64 | -15.83 |
| Tungsten | (t) | 130 | 160 | 260 | 116 | 114 | -12.31 | -1.72 |
| Copper | (t) | 1 094 638 | 1 239 059 | 1 461 124 | 1 712 964 | 1 924 374 | 75.80 | 12.34 |
| Tin | (t) | 10 391 | 8 950 | 10 990 | 14 670 | 15 750 | 51.57 | 7.36 |
| Zinc | (t) | 12 337 | 1 047 | 1 607 | 15 305 | 16 079 | 30.33 | 5.06 |
| Gold | (kg) | 31 586 | 36 777 | 33 752 | 29 597 | 31 445 | -0.45 | 6.24 |
| Silver | (kg) | 3 376 | 3 400 | 3 400 | 3 400 | 3 400 | 0.71 | 0.00 |
| Diam. (Gem) | (ct) | 2 268 332 | 1 815 745 | 2 020 450 | 2 588 850 | 2 594 650 | 14.39 | 0.22 |
| Diam. (Ind) | (ct) | 16 634 432 | 13 315 465 | 11 449 240 | 10 355 400 | 10 378 700 | -37.61 | 0.23 |
| Petroleum | (t) | 1 027 850 | 1 144 760 | 1 113 260 | 1 191 660 | 1 170 000 | 13.83 | -1.82 |
| Total | (t) | 2 229 323 | 2 512 343 | 2 668 617 | 3 023 507 | 3 221 345 | | |

Abbreviations: see Definitions

Congo, Rep.

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 0 | 10 800 | 20 200 | 33 500 | 0 | . | -100.00 |
| Copper | (t) | 15 979 | 18 018 | 18 760 | 10 300 | 10 300 | -35.54 | 0.00 |
| Zinc | (t) | 4 270 | 460 | 4 830 | 1 100 | 4 300 | 0.70 | 290.91 |
| Gold | (kg) | 100 | 150 | 150 | 150 | 150 | 50.00 | 0.00 |
| Diam. (Ind) | (ct) | 46 758 | 46 768 | 2 963 | 11 157 | 4 125 | -91.18 | -63.03 |
| Nat. Gas | (Mio m ³) | 860 | 867 | 622 | 809 | 1 000 | 16.28 | 23.61 |
| Petroleum | (t) | 13 252 670 | 16 740 500 | 16 749 800 | 15 280 150 | 13 446 000 | 1.46 | -12.00 |
| Total | (t) | 13 960 919 | 17 463 378 | 17 291 190 | 15 972 250 | 14 260 600 | | |

Costa Rica

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|-------|-------|-------|-------|-------|-----------------|-----------------|
| Gold | (kg) | 4 255 | 3 699 | 4 500 | 600 | 600 | -85.90 | 0.00 |
| Diatomite | (t) | 4 218 | 3 972 | 4 000 | 4 000 | 4 000 | -5.17 | 0.00 |
| Total | (t) | 4 222 | 3 976 | 4 005 | 4 001 | 4 001 | | |

Cote d'Ivoire

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Manganese | (t) | 204 700 | 319 200 | 472 700 | 530 200 | 580 000 | 183.34 | 9.39 |
| Nickel | (t) | 400 | 12 300 | 9 900 | 20 220 | 22 500 | 5 525.00 | 11.28 |
| Bauxite | (t) | | | 0 | 272 295 | 700 000 | . | 157.07 |
| Gold | (kg) | 25 396 | 24 488 | 32 568 | 38 523 | 41 855 | 64.81 | 8.65 |
| Silver | (kg) | 493 | 510 | 300 | 956 | 1 000 | 102.84 | 4.60 |
| Diam. (Gem) | (ct) | 8 925 | 4 540 | 3 989 | 4 012 | 4 121 | -53.83 | 2.72 |
| Diam. (Ind) | (ct) | 2 231 | 1 140 | 0 | 0 | 0 | -100.00 | . |
| Nat. Gas | (Mio m ³) | 2 130 | 1 935 | 2 171 | 2 229 | 2 373 | 11.41 | 6.46 |
| Petroleum | (t) | 1 696 900 | 1 607 400 | 1 799 700 | 1 470 100 | 1 196 700 | -29.48 | -18.60 |
| Total | (t) | 3 606 025 | 3 486 925 | 4 019 133 | 4 076 055 | 4 397 643 | | |

Abbreviations: see Definitions

Croatia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Bauxite | (t) | 12 215 | 11 776 | 14 342 | 14 084 | 14 448 | 18.28 | 2.58 |
| Gypsum | (t) | 147 934 | 211 894 | 199 255 | 221 629 | 285 966 | 93.31 | 29.03 |
| Salt | (t) | 19 006 | 16 453 | 93 870 | 111 901 | 111 319 | 485.70 | -0.52 |
| Nat. Gas | (Mio m ³) | 1 484 | 1 230 | 1 029 | 849 | 746 | -49.73 | -12.13 |
| Petroleum | (t) | 744 500 | 732 100 | 705 700 | 631 800 | 604 500 | -18.80 | -4.32 |
| Total | (t) | 2 110 855 | 1 956 223 | 1 836 367 | 1 658 614 | 1 613 033 | | |

Cuba

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Chromium | (t) | 14 400 | 10 500 | 27 000 | 14 000 | 8 500 | -40.97 | -39.29 |
| Cobalt | (t) | 5 407 | 5 000 | 3 800 | 3 900 | 3 800 | -29.72 | -2.56 |
| Nickel | (t) | 49 300 | 49 000 | 45 000 | 46 000 | 45 000 | -8.72 | -2.17 |
| Lead | (t) | 1 500 | 25 380 | 36 000 | 30 000 | 30 000 | 1 900.00 | 0.00 |
| Zinc | (t) | 2 900 | 42 250 | 57 830 | 57 730 | 44 500 | 1 434.48 | -22.92 |
| Bentonite | (t) | 589 | 630 | 504 | 486 | 517 | -12.22 | 6.38 |
| Feldspar | (t) | 8 715 | 3 000 | 2 100 | 14 100 | 17 800 | 104.25 | 26.24 |
| Gypsum | (t) | 85 400 | 99 900 | 66 330 | 62 300 | 53 200 | -37.70 | -14.61 |
| Kaolin | (t) | 1 500 | 2 700 | 2 100 | 2 032 | 1 375 | -8.33 | -32.33 |
| Magnesite | (t) | 0 | 0 | 1 532 | 3 910 | 3 000 | . | -23.27 |
| Phosphates | (t) | 0 | 0 | 0 | 460 | 410 | . | -10.87 |
| Salt | (t) | 246 300 | 192 700 | 210 370 | 226 000 | 204 600 | -16.93 | -9.47 |
| Sulfur | (t) | 298 600 | 309 000 | 317 000 | 311 200 | 278 900 | -6.60 | -10.38 |
| Nat. Gas | (Mio m ³) | 1 051 | 970 | 951 | 895 | 652 | -37.96 | -27.15 |
| Petroleum | (t) | 2 522 200 | 2 462 500 | 2 371 450 | 2 320 200 | 2 200 000 | -12.77 | -5.18 |
| Total | (t) | 4 077 611 | 3 978 560 | 3 901 816 | 3 808 318 | 3 413 202 | | |

Cyprus

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Copper | (t) | 1 293 | 908 | 703 | 0 | 0 | -100.00 | . |
| Gold | (kg) | 48 | 47 | 33 | 61 | 0 | -100.00 | -100.00 |
| Silver | (kg) | 99 | 180 | 97 | 486 | 0 | -100.00 | -100.00 |
| Bentonite | (t) | 95 593 | 98 800 | 83 113 | 92 645 | 81 655 | -14.58 | -11.86 |
| Gypsum | (t) | 647 108 | 625 721 | 623 545 | 646 340 | 661 175 | 2.17 | 2.30 |
| Total | (t) | 743 994 | 725 429 | 707 361 | 738 985 | 742 830 | | |

Abbreviations: see Definitions

Czech Republic

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-----------------|
| Bentonite | (t) | 254 000 | 277 000 | 357 000 | 226 000 | 198 000 | -22.05 | -12.39 |
| Diatomite | (t) | 34 000 | 31 000 | 43 000 | 46 000 | 18 000 | -47.06 | -60.87 |
| Feldspar | (t) | 368 000 | 449 000 | 460 000 | 419 000 | 504 000 | 36.96 | 20.29 |
| Gypsum | (t) | 7 000 | 8 000 | 10 000 | 17 000 | 17 000 | 142.86 | 0.00 |
| Kaolin | (t) | 3 669 000 | 3 622 000 | 3 446 000 | 3 069 000 | 3 454 000 | -5.86 | 12.54 |
| Steam Coal | (t) | 2 337 100 | 1 993 850 | 1 335 497 | 841 188 | 739 460 | -68.36 | -12.09 |
| Coking Coal | (t) | 2 532 900 | 2 626 361 | 2 309 833 | 1 296 137 | 1 734 896 | -31.51 | 33.85 |
| Lignite | (t) | 39 310 000 | 39 187 000 | 37 465 000 | 29 505 000 | 29 278 000 | -25.52 | -0.77 |
| Nat. Gas (Mio m ³) | | 171 | 179 | 146 | 173 | 153 | -10.53 | -11.56 |
| Petroleum | (t) | 106 000 | 109 000 | 81 000 | 91 000 | 83 000 | -21.70 | -8.79 |
| Uranium | (t) | 66 | 40 | 39 | 34 | 32 | -51.52 | -5.88 |
| Total | (t) | 48 754 866 | 48 446 451 | 45 624 169 | 35 648 759 | 36 148 788 | | |

Denmark

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|------------|-------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| Bentonite | (t) | 69 594 | 56 173 | 48 197 | 40 054 | 20 281 | -70.86 | -49.37 |
| Diatomite | (t) | 110 000 | 99 400 | 108 800 | 115 000 | 120 600 | 9.64 | 4.87 |
| Salt | (t) | 600 000 | 600 000 | 600 000 | 600 000 | 600 000 | 0.00 | 0.00 |
| Sulfur | (t) | 4 004 | 4 194 | 3 554 | 4 140 | 4 090 | 2.15 | -1.21 |
| Nat. Gas (Mio m ³) | | 4 820 | 4 148 | 3 138 | 1 425 | 1 352 | -71.95 | -5.12 |
| Petroleum | (t) | 6 736 967 | 5 665 787 | 5 017 234 | 3 556 000 | 3 277 800 | -51.35 | -7.82 |
| Total | (t) | 11 376 565 | 9 743 954 | 8 288 185 | 5 455 194 | 5 104 371 | | |

Dominican Republic

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------|------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
| Nickel | (t) | 15 632 | 19 214 | 28 450 | 22 005 | 27 819 | 77.96 | 26.42 |
| Bauxite | (t) | 0 | 0 | 0 | 9 475 | 80 058 | . | 744.94 |
| Copper | (t) | 9 618 | 8 588 | 6 047 | 2 193 | 4 774 | -50.36 | 117.69 |
| Zinc | (t) | 3 920 | 4 038 | 5 527 | 2 361 | 4 986 | 27.19 | 111.18 |
| Gold | (kg) | 35 243 | 31 633 | 31 801 | 28 154 | 25 437 | -27.82 | -9.65 |
| Silver | (kg) | 151 828 | 166 510 | 108 685 | 87 889 | 79 688 | -47.51 | -9.33 |
| Feldspar | (t) | 5 000 | 1 200 | 1 000 | 0 | 0 | -100.00 | . |
| Gypsum | (t) | 217 570 | 190 660 | 316 630 | 304 920 | 329 630 | 51.51 | 8.10 |
| Salt | (t) | 0 | 23 860 | 26 000 | 24 000 | 20 000 | . | -16.67 |
| Total | (t) | 251 927 | 247 759 | 383 795 | 365 070 | 467 372 | | |

Abbreviations: see Definitions

Ecuador

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Antimony | (t) | 260 | 0 | 0 | 0 | 0 | -100.00 | . |
| Copper | (t) | 8 200 | 42 200 | 9 900 | 49 700 | 89 170 | 987.44 | 79.42 |
| Gold | (kg) | 6 368 | 8 213 | 6 293 | 9 086 | 15 026 | 135.96 | 65.38 |
| Silver | (kg) | 68 | 192 | 2 892 | 1 792 | 23 698 | 34 750.00 | 1 222.43 |
| Baryte | (t) | 0 | 2 868 | 2 000 | 2 000 | 1 000 | . | -50.00 |
| Feldspar | (t) | 92 871 | 43 197 | 45 000 | 0 | 0 | -100.00 | . |
| Kaolin | (t) | 548 | 0 | 0 | 0 | 0 | -100.00 | . |
| Nat. Gas | (Mio m ³) | 463 | 353 | 318 | 268 | 269 | -41.90 | 0.37 |
| Petroleum | (t) | 26 452 000 | 25 754 000 | 26 442 000 | 23 932 000 | 23 543 000 | -11.00 | -1.63 |
| Total | (t) | 26 924 285 | 26 124 673 | 26 753 309 | 24 198 111 | 23 848 409 | | |

Egypt

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 254 300 | 250 700 | 48 200 | 270 000 | 270 000 | 6.17 | 0.00 |
| Manganese | (t) | 11 900 | 13 200 | 7 900 | 5 300 | 8 000 | -32.77 | 50.94 |
| Aluminium | (t) | 298 000 | 267 100 | 290 000 | 268 000 | 270 000 | -9.40 | 0.75 |
| Gold | (kg) | 16 941 | 14 694 | 14 946 | 14 069 | 12 919 | -23.74 | -8.17 |
| Baryte | (t) | 4 000 | 4 000 | 4 000 | 4 000 | 4 000 | 0.00 | 0.00 |
| Bentonite | (t) | 4 600 | 10 000 | 7 000 | 7 000 | 7 000 | 52.17 | 0.00 |
| Feldspar | (t) | 230 000 | 230 000 | 230 000 | 200 000 | 200 000 | -13.04 | 0.00 |
| Fluorspar | (t) | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 0.00 | 0.00 |
| Gypsum | (t) | 835 614 | 727 370 | 800 000 | 800 000 | 800 000 | -4.26 | 0.00 |
| Kaolin | (t) | 230 000 | 230 000 | 230 000 | 230 000 | 230 000 | 0.00 | 0.00 |
| Phosphates | (t) | 1 021 960 | 870 870 | 979 620 | 986 000 | 986 000 | -3.52 | 0.00 |
| Salt | (t) | 532 000 | 522 000 | 493 000 | 500 000 | 500 000 | -6.02 | 0.00 |
| Sulfur | (t) | 80 000 | 80 000 | 80 000 | 80 000 | 80 000 | 0.00 | 0.00 |
| Talc | (t) | 15 000 | 25 000 | 22 000 | 20 000 | 15 000 | 0.00 | -25.00 |
| Nat. Gas | (Mio m ³) | 48 810 | 58 560 | 64 940 | 58 465 | 67 799 | 38.90 | 15.97 |
| Petroleum | (t) | 32 178 000 | 32 844 000 | 31 812 000 | 31 066 370 | 29 601 360 | -8.01 | -4.72 |
| Total | (t) | 74 744 391 | 82 923 255 | 86 956 735 | 81 209 684 | 87 211 573 | | |

El Salvador

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------|-----|--------|--------|--------|--------|--------|-----------------|-----------------|
| Salt | (t) | 30 000 | 30 000 | 30 000 | 30 000 | 30 000 | 0.00 | 0.00 |
| Total | (t) | 30 000 | 30 000 | 30 000 | 30 000 | 30 000 | | |

Abbreviations: see Definitions

Equatorial Guinea

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|--|------------|------------|------------|------------|------------|-----------------|-----------------|
| Nat. Gas (Mio m ³) | | 8 240 | 7 750 | 6 235 | 6 023 | 7 047 | -14.48 | 17.00 |
| Petroleum (t) | | 8 666 670 | 7 826 120 | 7 150 650 | 7 154 660 | 5 919 365 | -31.70 | -17.27 |
| Total (t) | | 15 258 670 | 14 026 120 | 12 138 650 | 11 973 060 | 11 556 965 | | |

Eritrea

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|--|---------|---------|---------|---------|---------|-----------------|-----------------|
| Copper (t) | | 7 900 | 17 300 | 16 008 | 21 725 | 20 224 | 156.00 | -6.91 |
| Zinc (t) | | 95 400 | 125 000 | 121 260 | 121 930 | 129 641 | 35.89 | 6.32 |
| Gold (kg) | | 2 633 | 3 768 | 2 443 | 3 019 | 4 625 | 75.66 | 53.20 |
| Silver (kg) | | 1 192 | 31 000 | 44 836 | 65 284 | 68 624 | 5 657.05 | 5.12 |
| Gypsum (t) | | 12 000 | 18 000 | 18 000 | 18 000 | 18 000 | 50.00 | 0.00 |
| Kaolin (t) | | 200 | 200 | 0 | 0 | 0 | -100.00 | . |
| Salt (t) | | 310 000 | 310 000 | 310 000 | 320 000 | 320 000 | 3.23 | 0.00 |
| Total (t) | | 425 504 | 470 535 | 465 315 | 481 723 | 487 939 | | |

Estonia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|----------------|--|------------|------------|------------|------------|------------|-----------------|-----------------|
| Oil Shales (t) | | 21 625 000 | 21 883 000 | 15 697 400 | 12 144 400 | 11 743 000 | -45.70 | -3.31 |
| Total (t) | | 21 625 000 | 21 883 000 | 15 697 400 | 12 144 400 | 11 743 000 | | |

Eswatini

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|----------------|--|---------|---------|---------|---------|---------|-----------------|-----------------|
| Gold (kg) | | 0 | 4 | 6 | 1 | 0 | . | -100.00 |
| Steam Coal (t) | | 202 277 | 144 375 | 109 926 | 161 768 | 162 681 | -19.58 | 0.56 |
| Total (t) | | 202 277 | 144 375 | 109 926 | 161 768 | 162 681 | | |

Ethiopia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------|--|------|-------|------|------|------|-----------------|-----------------|
| Chromium (t) | | 0 | 8 000 | 500 | 200 | 700 | . | 250.00 |
| Niobium (t) | | 25 | 28 | 14 | 11 | 18 | -28.00 | 63.64 |
| Tantalum (t) | | 90 | 104 | 50 | 41 | 64 | -28.89 | 56.10 |

Abbreviations: see Definitions

| | | | | | | | | |
|-----------|------|---------|---------|---------|---------|---------|--------|-------|
| Gold | (kg) | 5 390 | 3 495 | 2 800 | 7 500 | 9 600 | 78.11 | 28.00 |
| Silver | (kg) | 750 | 1 000 | 800 | 1 000 | 1 000 | 33.33 | 0.00 |
| Diatomite | (t) | 4 000 | 5 000 | 5 000 | 5 000 | 5 000 | 25.00 | 0.00 |
| Gypsum | (t) | 85 236 | 253 165 | 255 000 | 255 000 | 255 000 | 199.17 | 0.00 |
| Kaolin | (t) | 5 000 | 10 000 | 1 000 | 1 000 | 1 000 | -80.00 | 0.00 |
| Salt | (t) | 60 654 | 122 850 | 125 000 | 125 000 | 125 000 | 106.09 | 0.00 |
| Total | (t) | 155 011 | 399 151 | 386 568 | 386 261 | 386 793 | | |

Fiji

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|---------|------|---------|--------|--------|--------|--------|-----------------|-----------------|
| Iron | (t) | | 0 | 35 900 | 35 200 | 49 400 | . | 40.34 |
| Bauxite | (t) | 118 540 | 57 960 | 0 | 0 | 0 | -100.00 | . |
| Gold | (kg) | 1 425 | 1 281 | 1 106 | 1 090 | 1 107 | -22.32 | 1.56 |
| Silver | (kg) | 350 | 413 | 692 | 479 | 622 | 77.71 | 29.85 |
| Total | (t) | 118 541 | 57 961 | 35 902 | 35 201 | 49 402 | | |

Finland

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Chromium | (t) | 411 060 | 466 750 | 491 930 | 470 620 | 472 890 | 15.04 | 0.48 |
| Cobalt | (t) | 2 300 | 1 377 | 1 454 | 1 559 | 1 084 | -52.87 | -30.47 |
| Nickel | (t) | 34 641 | 43 572 | 38 530 | 41 429 | 42 163 | 21.71 | 1.77 |
| Copper | (t) | 53 144 | 46 755 | 32 861 | 36 278 | 32 384 | -39.06 | -10.73 |
| Lead | (t) | | 0 | 937 | 1 532 | 1 494 | . | -2.48 |
| Selenium | (t) | 100 | 109 | 115 | 84 | 100 | 0.00 | 19.05 |
| Zinc | (t) | 66 284 | 85 067 | 69 800 | 61 213 | 59 080 | -10.87 | -3.48 |
| Gold | (kg) | 9 102 | 8 732 | 7 927 | 8 668 | 9 082 | -0.22 | 4.78 |
| Palladium | (kg) | 1 021 | 1 157 | 699 | 858 | 1 036 | 1.47 | 20.75 |
| Platinum | (kg) | 1 418 | 1 576 | 953 | 1 277 | 1 447 | 2.05 | 13.31 |
| Silver | (kg) | 13 654 | 12 849 | 40 461 | 54 833 | 45 338 | 232.05 | -17.32 |
| Feldspar | (t) | 14 926 | 17 469 | 17 997 | 16 137 | 52 706 | 253.12 | 226.62 |
| Magnesite | (t) | 63 850 | 49 601 | 37 002 | 136 167 | 179 781 | 181.57 | 32.03 |
| Phosphates | (t) | 352 300 | 356 070 | 363 020 | 363 200 | 363 720 | 3.24 | 0.14 |
| Sulfur | (t) | 937 000 | 888 300 | 811 600 | 794 900 | 737 600 | -21.28 | -7.21 |
| Talc | (t) | 354 819 | 374 398 | 329 891 | 278 331 | 296 833 | -16.34 | 6.65 |
| Total | (t) | 2 290 449 | 2 329 493 | 2 195 187 | 2 201 516 | 2 239 891 | | |

Abbreviations: see Definitions

France

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Aluminium | (t) | 426 730 | 390 000 | 401 850 | 417 000 | 430 000 | 0.77 | 3.12 |
| Bauxite | (t) | 131 012 | 138 800 | 120 760 | 123 496 | 142 764 | 8.97 | 15.60 |
| Indium | (t) | 30 | 43 | 38 | 40 | 40 | 33.33 | 0.00 |
| Bentonite | (t) | 24 497 | 35 696 | 36 000 | 36 000 | 36 000 | 46.96 | 0.00 |
| Diatomite | (t) | 90 000 | 90 000 | 90 000 | 90 000 | 90 000 | 0.00 | 0.00 |
| Feldspar | (t) | 550 000 | 550 000 | 500 000 | 500 000 | 500 000 | -9.09 | 0.00 |
| Gypsum | (t) | 3 014 296 | 5 314 983 | 3 259 935 | 1 891 190 | 3 370 757 | 11.83 | 78.23 |
| Kaolin | (t) | 279 120 | 301 842 | 392 389 | 231 579 | 289 057 | 3.56 | 24.82 |
| Salt | (t) | 4 739 491 | 4 689 054 | 5 160 260 | 5 200 596 | 5 543 040 | 16.95 | 6.58 |
| Sulfur | (t) | 500 000 | 500 000 | 500 000 | 450 000 | 450 000 | -10.00 | 0.00 |
| Talc | (t) | 470 000 | 450 000 | 400 000 | 400 000 | 350 000 | -25.53 | -12.50 |
| Nat. Gas | (Mio m ³) | 16 | 9 | 16 | 17 | 22 | 37.50 | 29.41 |
| Oil Shales | (t) | 2 000 | 2 000 | 2 000 | 2 000 | 2 000 | 0.00 | 0.00 |
| Petroleum | (t) | 758 000 | 774 100 | 719 800 | 644 700 | 647 830 | -14.53 | 0.49 |
| Total | (t) | 10 997 976 | 13 243 718 | 11 595 832 | 10 000 201 | 11 869 088 | | |

French Guiana

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------|------|-------|-------|-------|-------|-------|-----------------|-----------------|
| Gold | (kg) | 1 486 | 1 320 | 1 157 | 1 058 | 1 188 | -20.05 | 12.29 |
| Total | (t) | 1 | 1 | 1 | 1 | 1 | | |

Gabon

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Manganese | (t) | 2 265 800 | 2 874 600 | 3 158 100 | 3 709 100 | 4 240 100 | 87.13 | 14.32 |
| Gold | (kg) | 620 | 83 | 107 | 55 | 200 | -67.74 | 263.64 |
| Nat. Gas | (Mio m ³) | 491 | 511 | 464 | 502 | 454 | -7.54 | -9.56 |
| Petroleum | (t) | 10 503 000 | 9 646 000 | 10 848 000 | 10 766 000 | 10 040 000 | -4.41 | -6.74 |
| Total | (t) | 13 161 601 | 12 929 400 | 14 377 300 | 14 876 700 | 14 643 300 | | |

Georgia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Manganese | (t) | 171 300 | 210 500 | 170 600 | 202 400 | 217 900 | 27.20 | 7.66 |
| Copper | (t) | 9 400 | 9 100 | 9 500 | 8 000 | 8 130 | -13.51 | 1.63 |
| Gold | (kg) | 3 032 | 2 913 | 4 052 | 5 401 | 3 513 | 15.86 | -34.96 |
| Silver | (kg) | 21 000 | 20 042 | 4 100 | 11 200 | 12 700 | -39.52 | 13.39 |

Abbreviations: see Definitions

| | | | | | | | | |
|------------|-----------------------|---------|---------|---------|---------|---------|--------|-------|
| Gypsum | (t) | 85 470 | 91 700 | 137 831 | 87 655 | 90 000 | 5.30 | 2.68 |
| Perlite | (t) | 16 500 | 15 700 | 13 000 | 13 300 | 12 500 | -24.24 | -6.02 |
| Steam Coal | (t) | 268 100 | 137 900 | 15 300 | 99 300 | 147 900 | -44.83 | 48.94 |
| Nat. Gas | (Mio m ³) | 9 | 10 | 10 | 9 | 16 | 77.78 | 77.78 |
| Petroleum | (t) | 32 000 | 30 200 | 35 100 | 31 300 | 35 500 | 10.94 | 13.42 |
| Total | (t) | 589 994 | 503 123 | 389 339 | 449 171 | 524 747 | | |

Germany

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Iron | (t) | 82 900 | 82 900 | 94 100 | 95 500 | 87 500 | 5.55 | -8.38 |
| Aluminium | (t) | 550 000 | 528 900 | 507 934 | 529 056 | 509 193 | -7.42 | -3.75 |
| Cadmium | (t) | 730 | 520 | 620 | 500 | 450 | -38.36 | -10.00 |
| Copper | (t) | 63 | 51 | 40 | 37 | 60 | -4.76 | 62.16 |
| Indium | (t) | 10 | 0 | 0 | 0 | 0 | -100.00 | . |
| Selenium | (t) | 300 | 300 | 300 | 300 | 300 | 0.00 | 0.00 |
| Gold | (kg) | 7 | 9 | 15 | 10 | 12 | 71.43 | 20.00 |
| Silver | (kg) | 6 000 | 5 000 | 4 000 | 4 000 | 6 000 | 0.00 | 50.00 |
| Baryte | (t) | 34 177 | 37 897 | 30 474 | 26 656 | 27 921 | -18.30 | 4.75 |
| Bentonite | (t) | 416 000 | 379 000 | 366 000 | 333 000 | 363 000 | -12.74 | 9.01 |
| Diatomite | (t) | 56 721 | 58 340 | 53 802 | 51 511 | 58 519 | 3.17 | 13.60 |
| Feldspar | (t) | 276 747 | 252 693 | 235 289 | 221 527 | 223 007 | -19.42 | 0.67 |
| Fluorspar | (t) | 45 375 | 49 197 | 79 959 | 64 933 | 56 632 | 24.81 | -12.78 |
| Graphite | (t) | 422 | 222 | 207 | 108 | 181 | -57.11 | 67.59 |
| Gypsum | (t) | 4 450 000 | 4 550 000 | 4 850 000 | 5 200 000 | 5 470 000 | 22.92 | 5.19 |
| Kaolin | (t) | 5 168 000 | 4 930 000 | 4 760 000 | 4 969 000 | 5 291 000 | 2.38 | 6.48 |
| Potash | (t) | 2 963 561 | 2 754 085 | 2 615 284 | 2 874 026 | 2 793 326 | -5.74 | -2.81 |
| Salt | (t) | 15 535 669 | 16 229 929 | 16 627 893 | 14 226 154 | 17 668 456 | 13.73 | 24.20 |
| Sulfur | (t) | 537 882 | 419 597 | 460 012 | 353 293 | 382 049 | -28.97 | 8.14 |
| Steam Coal | (t) | 1 483 200 | 1 212 700 | 0 | 0 | 0 | -100.00 | . |
| Coking Coal | (t) | 2 185 300 | 1 370 800 | 0 | 0 | 0 | -100.00 | . |
| Lignite | (t) | 171 285 700 | 166 258 000 | 131 314 000 | 107 377 260 | 126 256 594 | -26.29 | 17.58 |
| Nat. Gas | (Mio m ³) | 7 932 | 6 888 | 6 699 | 5 692 | 5 731 | -27.75 | 0.69 |
| Oil Shales | (t) | 481 803 | 494 650 | 487 012 | 471 404 | 442 886 | -8.08 | -6.05 |
| Petroleum | (t) | 2 218 406 | 2 066 643 | 1 923 232 | 1 895 942 | 1 805 932 | -18.59 | -4.75 |
| Uranium | (t) | 40 | 0 | 28 | 8 | 0 | -100.00 | -100.00 |
| Total | (t) | 214 118 612 | 207 186 829 | 169 765 390 | 143 243 819 | 166 021 812 | | |

Ghana

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|-----------|-----------|-----------|-----------|---------|-----------------|-----------------|
| Manganese | (t) | 871 000 | 1 320 000 | 1 507 200 | 660 100 | 934 200 | 7.26 | 41.52 |
| Aluminium | (t) | 40 500 | 42 867 | 43 908 | 37 566 | 39 239 | -3.11 | 4.45 |
| Bauxite | (t) | 1 476 966 | 1 011 302 | 1 116 334 | 1 162 086 | 839 465 | -43.16 | -27.76 |
| Gold | (kg) | 143 438 | 149 057 | 142 371 | 125 114 | 87 676 | -38.88 | -29.92 |
| Silver | (kg) | 4 000 | 4 000 | 4 000 | 3 000 | 1 000 | -75.00 | -66.67 |

Abbreviations: see Definitions

| | | | | | | | | |
|-------------|-----------------------|------------|------------|------------|------------|------------|--------|--------|
| Diam. (Gem) | (ct) | 69 540 | 46 025 | 27 030 | 20 230 | 43 340 | -37.68 | 114.24 |
| Diam. (Ind) | (ct) | 17 385 | 11 505 | 6 760 | 5 060 | 10 835 | -37.68 | 114.13 |
| Salt | (t) | 250 000 | 330 000 | 300 000 | 330 000 | 300 000 | 20.00 | -9.09 |
| Nat. Gas | (Mio m ³) | 940 | 910 | 1 550 | 2 660 | 3 020 | 221.28 | 13.53 |
| Petroleum | (t) | 8 379 700 | 8 876 500 | 10 205 700 | 9 561 000 | 7 864 300 | -6.15 | -17.75 |
| Total | (t) | 11 770 313 | 12 308 822 | 14 413 288 | 13 878 880 | 12 393 293 | | |

Greece

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Chromium | (t) | 0 | 16 650 | 12 080 | 790 | 800 | . | 1.27 |
| Nickel | (t) | 21 090 | 19 980 | 17 240 | 9 270 | 5 370 | -74.54 | -42.07 |
| Aluminium | (t) | 181 700 | 187 465 | 186 903 | 181 708 | 169 775 | -6.56 | -6.57 |
| Bauxite | (t) | 1 927 150 | 1 559 359 | 1 379 123 | 1 428 631 | 1 227 498 | -36.31 | -14.08 |
| Lead | (t) | 12 075 | 15 345 | 14 818 | 19 717 | 16 773 | 38.91 | -14.93 |
| Zinc | (t) | 18 715 | 21 515 | 22 322 | 28 090 | 22 621 | 20.87 | -19.47 |
| Gold | (kg) | 823 | 2 839 | 2 333 | 2 177 | 3 315 | 302.79 | 52.27 |
| Silver | (kg) | 34 220 | 39 150 | 37 790 | 51 111 | 44 086 | 28.83 | -13.74 |
| Bentonite | (t) | 1 087 800 | 1 365 374 | 1 393 958 | 979 329 | 1 257 216 | 15.57 | 28.38 |
| Gypsum | (t) | 547 140 | 827 298 | 589 012 | 622 834 | 900 000 | 64.49 | 44.50 |
| Magnesite | (t) | 442 680 | 425 882 | 358 841 | 335 943 | 336 000 | -24.10 | 0.02 |
| Perlite | (t) | 932 950 | 790 412 | 718 077 | 821 233 | 975 000 | 4.51 | 18.72 |
| Salt | (t) | 166 527 | 163 474 | 201 107 | 201 000 | 210 000 | 26.11 | 4.48 |
| Sulfur | (t) | 210 000 | 280 000 | 260 000 | 210 000 | 250 000 | 19.05 | 19.05 |
| Lignite | (t) | 37 802 600 | 36 574 360 | 27 383 575 | 13 866 637 | 12 081 578 | -68.04 | -12.87 |
| Nat. Gas | (Mio m ³) | 8 | 12 | 9 | 6 | 4 | -50.00 | -33.33 |
| Petroleum | (t) | 139 551 | 201 786 | 164 905 | 89 715 | 58 750 | -57.90 | -34.51 |
| Total | (t) | 43 496 413 | 42 458 542 | 32 709 201 | 18 799 750 | 17 514 628 | | |

Guatemala

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Iron | (t) | 2 670 | 2 590 | 30 | 0 | 0 | -100.00 | . |
| Nickel | (t) | 54 500 | 48 400 | 44 600 | 57 600 | 59 100 | 8.44 | 2.60 |
| Antimony | (t) | 0 | 0 | 150 | 50 | 0 | . | -100.00 |
| Lead | (t) | 4 200 | 264 | 377 | 0 | 0 | -100.00 | . |
| Zinc | (t) | 6 100 | 0 | 0 | 0 | 0 | -100.00 | . |
| Gold | (kg) | 1 646 | 0 | 0 | 0 | 0 | -100.00 | . |
| Silver | (kg) | 336 944 | 0 | 0 | 0 | 0 | -100.00 | . |
| Baryte | (t) | 43 | 63 | 50 | 50 | 100 | 132.56 | 100.00 |
| Bentonite | (t) | 20 542 | 16 953 | 12 700 | 6 000 | 7 378 | -64.08 | 22.97 |
| Feldspar | (t) | 29 145 | 30 257 | 28 771 | 25 578 | 34 232 | 17.45 | 33.83 |
| Gypsum | (t) | 135 154 | 132 897 | 140 901 | 423 281 | 138 552 | 2.51 | -67.27 |

Abbreviations: see Definitions

| | | | | | | | | |
|-----------|-----------------------|---------|---------|---------|---------|---------|--------|--------|
| Kaolin | (t) | 657 | 724 | 700 | 402 | 295 | -55.10 | -26.62 |
| Magnesite | (t) | 16 298 | 4 745 | 4 500 | 6 000 | 14 100 | -13.49 | 135.00 |
| Talc | (t) | 1 982 | 2 187 | 10 | 3 151 | 2 111 | 6.51 | -33.01 |
| Nat. Gas | (Mio m ³) | | | | 0 | 72 | . | . |
| Petroleum | (t) | 480 000 | 458 800 | 478 200 | 389 000 | 355 500 | -25.94 | -8.61 |
| Total | (t) | 751 630 | 697 880 | 710 989 | 911 112 | 668 968 | | |

Guinea

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | | | 0 | 418 800 | 1 139 200 | . | 172.02 |
| Bauxite | (t) | 51 701 564 | 59 573 707 | 70 173 326 | 87 766 199 | 87 438 557 | 69.12 | -0.37 |
| Gold | (kg) | 46 847 | 25 823 | 27 708 | 91 798 | 102 046 | 117.83 | 11.16 |
| Diam. (Gem) | (ct) | 136 090 | 219 530 | 171 880 | 96 430 | 204 990 | 50.63 | 112.58 |
| Diam. (Ind) | (ct) | 45 360 | 73 180 | 57 300 | 32 145 | 68 330 | 50.64 | 112.57 |
| Total | (t) | 51 701 611 | 59 573 733 | 70 173 354 | 88 185 091 | 88 577 859 | | |

Guyana

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Bauxite | (t) | 1 459 223 | 1 926 053 | 1 919 747 | 595 943 | 618 552 | -57.61 | 3.79 |
| Gold | (kg) | 20 334 | 19 069 | 19 963 | 18 209 | 15 522 | -23.66 | -14.76 |
| Diam. (Gem) | (ct) | 39 120 | 46 580 | 41 240 | 14 430 | 33 830 | -13.52 | 134.44 |
| Diam. (Ind) | (ct) | 13 040 | 15 530 | 13 750 | 4 810 | 11 280 | -13.50 | 134.51 |
| Petroleum | (t) | | 0 | 58 280 | 3 709 780 | 5 820 870 | . | 56.91 |
| Total | (t) | 1 459 243 | 1 926 072 | 1 978 047 | 4 305 741 | 6 439 438 | | |

Honduras

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|----------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Antimony | (t) | 0 | 20 | 15 | 10 | 120 | . | 1 100.00 |
| Lead | (t) | 6 761 | 9 893 | 12 308 | 13 400 | 14 000 | 107.07 | 4.48 |
| Zinc | (t) | 20 437 | 28 422 | 29 454 | 30 200 | 32 300 | 58.05 | 6.95 |
| Gold | (kg) | 2 656 | 2 070 | 3 035 | 1 963 | 2 824 | 6.33 | 43.86 |
| Silver | (kg) | 21 785 | 31 182 | 45 174 | 40 400 | 37 495 | 72.11 | -7.19 |
| Gypsum | (t) | 35 000 | 35 000 | 34 964 | 45 254 | 45 000 | 28.57 | -0.56 |
| Salt | (t) | 59 000 | 63 500 | 49 900 | 61 200 | 63 500 | 7.63 | 3.76 |
| Total | (t) | 121 223 | 136 868 | 126 689 | 150 106 | 154 960 | | |

Abbreviations: see Definitions

Hungary

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|-----|------------|------------|-----------|-----------|-----------|-----------------|-----------------|
| Bauxite | (t) | 1 300 | 4 200 | 0 | 0 | 0 | -100.00 | . |
| Bentonite | (t) | 24 630 | 25 000 | 41 500 | 42 000 | 42 000 | 70.52 | 0.00 |
| Perlite | (t) | 40 130 | 44 970 | 43 900 | 44 000 | 44 000 | 9.64 | 0.00 |
| Lignite | (t) | 7 974 130 | 7 898 689 | 6 846 837 | 6 125 178 | 4 987 686 | -37.45 | -18.57 |
| Nat. Gas (Mio m ³) | | 1 821 | 1 905 | 1 716 | 1 708 | 1 526 | -16.20 | -10.66 |
| Petroleum | (t) | 1 039 000 | 1 103 000 | 1 160 000 | 1 030 000 | 1 087 000 | 4.62 | 5.53 |
| Total | (t) | 10 535 990 | 10 599 859 | 9 465 037 | 8 607 578 | 7 381 486 | | |

Iceland

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Aluminium | (t) | 759 988 | 731 478 | 682 616 | 691 989 | 695 857 | -8.44 | 0.56 |
| Salt | (t) | 5 000 | 5 000 | 5 000 | 5 000 | 5 000 | 0.00 | 0.00 |
| Total | (t) | 764 988 | 736 478 | 687 616 | 696 989 | 700 857 | | |

India

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Iron | (t) | 125 716 600 | 129 615 740 | 151 827 100 | 126 308 900 | 156 451 900 | 24.45 | 23.86 |
| Chromium | (t) | 1 609 010 | 1 864 070 | 1 832 600 | 1 270 200 | 1 698 900 | 5.59 | 33.75 |
| Manganese | (t) | 860 400 | 920 230 | 919 640 | 839 100 | 841 600 | -2.19 | 0.30 |
| Titanium | (t) | 167 800 | 172 700 | 205 200 | 205 000 | 176 000 | 4.89 | -14.15 |
| Vanadium | (t) | 0 | 442 | 76 | 100 | 100 | . | 0.00 |
| Aluminium | (t) | 3 400 618 | 3 696 181 | 3 635 089 | 3 619 237 | 4 012 000 | 17.98 | 10.85 |
| Bauxite | (t) | 22 786 106 | 23 689 619 | 21 825 227 | 20 380 548 | 22 493 947 | -1.28 | 10.37 |
| Cadmium | (t) | 47 | 0 | 0 | 0 | 0 | -100.00 | . |
| Copper | (t) | 31 550 | 32 530 | 28 585 | 25 260 | 26 580 | -15.75 | 5.23 |
| Lead | (t) | 172 720 | 205 920 | 197 080 | 216 280 | 211 200 | 22.28 | -2.35 |
| Rare Earths | (t) | 1 360 | 2 110 | 2 520 | 2 500 | 2 600 | 91.18 | 4.00 |
| Selenium | (t) | 17 | 17 | 17 | 20 | 20 | 17.65 | 0.00 |
| Tin | (t) | 13 | 16 | 12 | 13 | 20 | 53.85 | 53.85 |
| Zinc | (t) | 772 600 | 728 400 | 719 220 | 756 090 | 796 100 | 3.04 | 5.29 |
| Gold | (kg) | 1 651 | 1 664 | 1 742 | 1 127 | 1 251 | -24.23 | 11.00 |
| Silver | (kg) | 557 691 | 679 386 | 609 340 | 705 795 | 647 140 | 16.04 | -8.31 |
| Baryte | (t) | 2 050 215 | 2 488 756 | 2 739 035 | 2 500 000 | 2 500 000 | 21.94 | 0.00 |
| Bentonite | (t) | 3 488 264 | 3 661 450 | 3 605 000 | 3 740 000 | 3 550 000 | 1.77 | -5.08 |
| Diam. (Gem) | (ct) | 12 940 | 13 877 | 10 301 | 5 010 | 0 | -100.00 | -100.00 |
| Diam. (Ind) | (ct) | 26 760 | 24 560 | 18 515 | 8 910 | 266 | -99.01 | -97.01 |
| Feldspar | (t) | 4 270 245 | 8 486 262 | 6 172 997 | 4 820 000 | 6 430 000 | 50.58 | 33.40 |
| Fluorspar | (t) | 1 314 | 1 079 | 1 315 | 1 052 | 1 237 | -5.86 | 17.59 |
| Graphite | (t) | 33 649 | 39 030 | 34 674 | 35 386 | 57 264 | 70.18 | 61.83 |
| Gypsum | (t) | 2 048 127 | 4 664 046 | 3 006 046 | 6 788 200 | 3 547 250 | 73.19 | -47.74 |
| Kaolin | (t) | 8 744 864 | 8 201 946 | 8 000 000 | 8 000 000 | 8 000 000 | -8.52 | 0.00 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|-----|-------------|---------------|---------------|---------------|---------------|--------|--------|
| Magnesite | (t) | 195 055 | 146 875 | 102 554 | 74 661 | 113 495 | -41.81 | 52.01 |
| Phosphates | (t) | 360 220 | 342 890 | 332 940 | 337 800 | 323 750 | -10.12 | -4.16 |
| Salt | (t) | 28 949 400 | 30 033 300 | 28 066 000 | 26 553 000 | 26 602 000 | -8.11 | 0.18 |
| Sulfur | (t) | 3 475 200 | 4 290 400 | 3 900 950 | 3 750 000 | 3 681 000 | 5.92 | -1.84 |
| Talc | (t) | 1 652 367 | 1 682 825 | 1 748 963 | 1 720 000 | 1 575 000 | -4.68 | -8.43 |
| Vermiculite | (t) | 6 054 | 2 992 | 2 774 | 1 260 | 3 061 | -49.44 | 142.94 |
| Zircon | (t) | 9 107 | 11 906 | 15 600 | 16 000 | 16 000 | 75.69 | 0.00 |
| Steam Coal | (t) | 635 252 000 | 687 586 000 | 677 938 000 | 671 296 000 | 726 488 000 | 14.36 | 8.22 |
| Coking Coal | (t) | 40 148 000 | 41 132 000 | 52 936 000 | 44 787 000 | 51 702 000 | 28.78 | 15.44 |
| Lignite | (t) | 46 644 000 | 44 283 000 | 42 096 000 | 37 895 000 | 47 490 000 | 1.81 | 25.32 |
| Nat. Gas (Mio m ³) | | 31 731 | 32 058 | 30 257 | 27 784 | 33 131 | 4.41 | 19.24 |
| Petroleum | (t) | 35 684 330 | 34 203 270 | 32 169 270 | 30 494 090 | 29 688 480 | -16.80 | -2.64 |
| Uranium | (t) | 496 | 499 | 363 | 472 | 725 | 46.17 | 53.60 |
| Total | (t) | 993 917 108 | 1 057 833 582 | 1 068 267 058 | 1 018 661 076 | 1 124 985 677 | | |

Indonesia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Iron | (t) | 1 075 800 | 600 000 | 1 379 300 | 2 951 100 | 3 300 000 | 206.75 | 11.82 |
| Cobalt | (t) | 350 | 350 | 350 | 1 000 | 2 100 | 500.00 | 110.00 |
| Manganese | (t) | 24 000 | 24 000 | 24 000 | 23 500 | 40 000 | 66.67 | 70.21 |
| Nickel | (t) | 363 000 | 651 600 | 1 036 200 | 816 700 | 1 173 200 | 223.20 | 43.65 |
| Aluminium | (t) | 215 192 | 219 306 | 233 457 | 220 089 | 200 577 | -6.79 | -8.87 |
| Bauxite | (t) | 1 733 380 | 11 023 850 | 16 592 740 | 25 859 895 | 25 781 187 | 1 387.34 | -0.30 |
| Copper | (t) | 621 979 | 651 132 | 351 220 | 505 650 | 731 060 | 17.54 | 44.58 |
| Lead | (t) | 7 635 | 10 880 | 9 450 | 7 090 | 6 735 | -11.79 | -5.01 |
| Tin | (t) | 78 070 | 82 809 | 76 390 | 52 617 | 34 466 | -55.85 | -34.50 |
| Zinc | (t) | 13 800 | 21 100 | 25 215 | 20 390 | 14 780 | 7.10 | -27.51 |
| Gold | (kg) | 101 510 | 135 250 | 108 900 | 66 190 | 72 660 | -28.42 | 9.77 |
| Silver | (kg) | 328 780 | 308 810 | 487 400 | 338 100 | 295 920 | -9.99 | -12.48 |
| Feldspar | (t) | 2 601 000 | 749 300 | 480 800 | 287 400 | 313 200 | -87.96 | 8.98 |
| Kaolin | (t) | 736 600 | 1 368 400 | 2 754 600 | 1 636 000 | 1 568 000 | 112.87 | -4.16 |
| Salt | (t) | 1 021 321 | 2 719 256 | 2 852 125 | 1 365 711 | 1 100 000 | 7.70 | -19.46 |
| Sulfur | (t) | 500 000 | 500 000 | 500 000 | 500 000 | 500 000 | 0.00 | 0.00 |
| Zircon | (t) | 29 500 | 53 700 | 73 100 | 77 200 | 54 630 | 85.19 | -29.24 |
| Steam Coal | (t) | 490 409 256 | 543 919 000 | 594 796 500 | 561 979 900 | 564 815 700 | 15.17 | 0.50 |
| Coking Coal | (t) | 4 300 000 | 5 117 786 | 5 752 018 | 4 000 000 | 4 356 640 | 1.32 | 8.92 |
| Nat. Gas (Mio m ³) | | 72 270 | 72 570 | 67 160 | 59 180 | 58 960 | -18.42 | -0.37 |
| Petroleum | (t) | 39 879 800 | 38 434 800 | 37 104 200 | 35 367 913 | 32 786 100 | -17.79 | -7.30 |
| Total | (t) | 601 427 114 | 664 203 713 | 717 770 261 | 683 016 559 | 683 946 744 | | |

Abbreviations: see Definitions

Iran

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Iron | (t) | 21 884 000 | 24 700 000 | 28 305 000 | 33 660 000 | 34 980 000 | 59.84 | 3.92 |
| Chromium | (t) | 92 850 | 113 410 | 104 400 | 103 340 | 85 620 | -7.79 | -17.15 |
| Manganese | (t) | 33 915 | 45 595 | 50 240 | 63 580 | 93 940 | 176.99 | 47.75 |
| Molybdenum | (t) | 4 280 | 3 690 | 4 160 | 3 536 | 4 150 | -3.04 | 17.36 |
| Titanium | (t) | 30 630 | 30 000 | 4 880 | 5 000 | 6 860 | -77.60 | 37.20 |
| Aluminium | (t) | 337 608 | 304 800 | 258 166 | 424 475 | 543 715 | 61.05 | 28.09 |
| Antimony | (t) | 620 | 1 645 | 330 | 1 065 | 1 960 | 216.13 | 84.04 |
| Arsenic | (t) | 400 | 0 | 0 | 0 | 0 | -100.00 | . |
| Bauxite | (t) | 804 510 | 866 683 | 828 788 | 1 042 325 | 883 950 | 9.87 | -15.19 |
| Copper | (t) | 295 653 | 316 380 | 314 143 | 313 323 | 313 612 | 6.07 | 0.09 |
| Lead | (t) | 44 900 | 49 600 | 72 500 | 81 800 | 74 100 | 65.03 | -9.41 |
| Mercury | (t) | 3 | 0 | 0 | 0 | 0 | -100.00 | . |
| Zinc | (t) | 129 900 | 143 600 | 209 900 | 215 200 | 195 100 | 50.19 | -9.34 |
| Gold | (kg) | 7 100 | 7 600 | 8 140 | 6 919 | 6 990 | -1.55 | 1.03 |
| Silver | (kg) | 50 000 | 50 000 | 50 000 | 50 000 | 50 000 | 0.00 | 0.00 |
| Baryte | (t) | 514 711 | 477 227 | 247 207 | 285 756 | 297 469 | -42.21 | 4.10 |
| Bentonite | (t) | 517 524 | 423 604 | 761 079 | 714 684 | 1 153 283 | 122.85 | 61.37 |
| Boron | (t) | 850 | 851 | 2 026 | 1 495 | 2 000 | 135.29 | 33.78 |
| Diatomite | (t) | 0 | 0 | 600 | 170 | 5 550 | . | 3 164.71 |
| Feldspar | (t) | 1 128 585 | 1 320 452 | 2 415 368 | 1 910 505 | 2 803 515 | 148.41 | 46.74 |
| Fluorspar | (t) | 55 297 | 55 000 | 54 824 | 55 000 | 55 000 | -0.54 | 0.00 |
| Gypsum | (t) | 13 942 092 | 10 904 289 | 14 750 093 | 15 124 823 | 14 322 761 | 2.73 | -5.30 |
| Kaolin | (t) | 861 938 | 1 158 983 | 1 813 395 | 1 923 895 | 1 348 232 | 56.42 | -29.92 |
| Magnesite | (t) | 166 636 | 137 445 | 147 760 | 256 124 | 248 376 | 49.05 | -3.03 |
| Perlite | (t) | 23 837 | 71 579 | 31 828 | 52 750 | 77 024 | 223.13 | 46.02 |
| Phosphates | (t) | 88 715 | 105 840 | 102 230 | 105 000 | 83 900 | -5.43 | -20.10 |
| Potash | (t) | 15 300 | 32 900 | 37 200 | 37 000 | 40 000 | 161.44 | 8.11 |
| Salt | (t) | 2 839 430 | 2 453 873 | 2 639 192 | 3 200 232 | 3 083 719 | 8.60 | -3.64 |
| Sulfur | (t) | 2 200 000 | 2 200 000 | 2 200 000 | 2 200 000 | 2 000 000 | -9.09 | -9.09 |
| Talc | (t) | 86 514 | 73 259 | 49 650 | 61 665 | 74 537 | -13.84 | 20.87 |
| Steam Coal | (t) | 138 000 | 400 000 | 485 000 | 450 000 | 650 000 | 371.01 | 44.44 |
| Coking Coal | (t) | 1 383 000 | 1 650 000 | 1 600 000 | 3 816 000 | 3 650 000 | 163.92 | -4.35 |
| Nat. Gas (Mio m ³) | | 213 850 | 224 899 | 232 900 | 249 530 | 256 650 | 20.01 | 2.85 |
| Petroleum | (t) | 231 945 670 | 219 246 080 | 158 327 680 | 143 249 750 | 167 658 090 | -27.72 | 17.04 |
| Total | (t) | 450 647 425 | 447 206 043 | 402 137 697 | 408 982 550 | 440 056 520 | | |

Iraq

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|-----|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Gypsum | (t) | 1 000 000 | 1 000 000 | 1 000 000 | 1 000 000 | 1 000 000 | 0.00 | 0.00 |
| Phosphates | (t) | 40 000 | 377 120 | 300 000 | 300 000 | 300 000 | 650.00 | 0.00 |
| Salt | (t) | 237 350 | 271 500 | 270 000 | 300 000 | 300 000 | 26.40 | 0.00 |
| Sulfur | (t) | 40 000 | 40 000 | 40 000 | 40 000 | 74 000 | 85.00 | 85.00 |
| Nat. Gas (Mio m ³) | | 10 120 | 10 574 | 10 967 | 7 005 | 9 355 | -7.56 | 33.55 |
| Petroleum | (t) | 222 381 850 | 227 012 450 | 234 220 100 | 202 037 850 | 200 829 370 | -9.69 | -0.60 |
| Total | (t) | 231 795 200 | 237 160 270 | 244 603 700 | 209 281 850 | 209 987 370 | | |

Abbreviations: see Definitions

Ireland

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Lead | (t) | 17 100 | 16 712 | 16 053 | 14 401 | 13 192 | -22.85 | -8.40 |
| Zinc | (t) | 130 600 | 131 742 | 122 463 | 127 008 | 112 249 | -14.05 | -11.62 |
| Silver | (kg) | 1 344 | 1 160 | 1 578 | 918 | 1 342 | -0.15 | 46.19 |
| Gypsum | (t) | 200 000 | 200 000 | 200 000 | 150 000 | 110 000 | -45.00 | -26.67 |
| Nat. Gas | (Mio m ³) | 3 170 | 3 060 | 2 390 | 1 840 | 1 400 | -55.84 | -23.91 |
| Total | (t) | 2 883 701 | 2 796 455 | 2 250 518 | 1 763 410 | 1 355 442 | | |

Israel

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Gypsum | (t) | 116 000 | 75 800 | 72 000 | 0 | 0 | -100.00 | . |
| Phosphates | (t) | 1 032 900 | 1 100 500 | 898 200 | 988 800 | 777 900 | -24.69 | -21.33 |
| Potash | (t) | 2 126 700 | 2 149 300 | 2 043 500 | 2 415 600 | 2 379 000 | 11.86 | -1.52 |
| Salt | (t) | 514 100 | 377 000 | 301 000 | 275 200 | 260 000 | -49.43 | -5.52 |
| Nat. Gas | (Mio m ³) | 8 470 | 9 010 | 9 035 | 13 305 | 16 623 | 96.26 | 24.94 |
| Oil Shales | (t) | 426 000 | 414 580 | 402 882 | 392 990 | 430 840 | 1.14 | 9.63 |
| Petroleum | (t) | 64 308 | 73 933 | 84 020 | 130 427 | 164 765 | 156.21 | 26.33 |
| Total | (t) | 11 056 008 | 11 399 113 | 11 029 602 | 14 847 017 | 17 310 905 | | |

Italy

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Bentonite | (t) | 86 106 | 100 067 | 82 720 | 65 989 | 32 252 | -62.54 | -51.13 |
| Feldspar | (t) | 2 200 000 | 2 200 000 | 2 200 000 | 2 200 000 | 2 200 000 | 0.00 | 0.00 |
| Gypsum | (t) | 469 044 | 188 618 | 298 242 | 163 749 | 0 | -100.00 | -100.00 |
| Kaolin | (t) | 200 000 | 300 000 | 250 000 | 200 000 | 180 000 | -10.00 | -10.00 |
| Salt | (t) | 2 283 406 | 1 514 829 | 1 538 072 | 1 192 956 | 1 500 458 | -34.29 | 25.78 |
| Sulfur | (t) | 846 900 | 809 900 | 1 261 100 | 458 700 | 613 100 | -27.61 | 33.66 |
| Talc | (t) | 165 000 | 165 000 | 160 000 | 165 000 | 165 000 | 0.00 | 0.00 |
| Steam Coal | (t) | 47 000 | 0 | 0 | 0 | 0 | -100.00 | . |
| Nat. Gas | (Mio m ³) | 5 538 | 5 443 | 4 852 | 4 117 | 3 343 | -39.64 | -18.80 |
| Petroleum | (t) | 4 138 000 | 4 684 200 | 4 279 000 | 5 383 940 | 4 922 000 | 18.95 | -8.58 |
| Total | (t) | 14 865 856 | 14 317 014 | 13 950 734 | 13 123 934 | 12 287 210 | | |

Abbreviations: see Definitions

Jamaica

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|---------|-----|-----------|------------|-----------|-----------|-----------|-----------------|-----------------|
| Bauxite | (t) | 8 244 628 | 10 058 228 | 9 022 286 | 7 546 139 | 5 949 600 | -27.84 | -21.16 |
| Gypsum | (t) | 46 000 | 47 000 | 55 000 | 66 000 | 66 000 | 43.48 | 0.00 |
| Salt | (t) | 12 565 | 10 000 | 10 000 | 10 000 | 10 000 | -20.41 | 0.00 |
| Total | (t) | 8 303 193 | 10 115 228 | 9 087 286 | 7 622 139 | 6 025 600 | | |

Japan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Arsenic | (t) | 45 | 45 | 45 | 40 | 40 | -11.11 | 0.00 |
| Bismuth | (t) | 525 | 571 | 540 | 570 | 500 | -4.76 | -12.28 |
| Cadmium | (t) | 2 142 | 1 980 | 1 783 | 1 880 | 1 900 | -11.30 | 1.06 |
| Gallium | (t) | 3 | 3 | 3 | 3 | 3 | 0.00 | 0.00 |
| Germanium | (t) | 2 | 2 | 2 | 2 | 2 | 0.00 | 0.00 |
| Indium | (t) | 70 | 70 | 70 | 66 | 66 | -5.71 | 0.00 |
| Selenium | (t) | 792 | 768 | 740 | 740 | 720 | -9.09 | -2.70 |
| Tellurium | (t) | 38 | 58 | 50 | 70 | 68 | 78.95 | -2.86 |
| Gold | (kg) | 6 369 | 6 453 | 6 313 | 7 590 | 6 225 | -2.26 | -17.98 |
| Silver | (kg) | 3 408 | 3 596 | 3 467 | 4 192 | 3 339 | -2.02 | -20.35 |
| Bentonite | (t) | 250 000 | 250 000 | 250 000 | 250 000 | 250 000 | 0.00 | 0.00 |
| Kaolin | (t) | 12 000 | 12 000 | 12 000 | 12 000 | 12 000 | 0.00 | 0.00 |
| Salt | (t) | 926 000 | 929 000 | 903 000 | 874 000 | 855 000 | -7.67 | -2.17 |
| Sulfur | (t) | 3 372 500 | 3 408 300 | 3 259 000 | 3 140 500 | 3 150 100 | -6.59 | 0.31 |
| Talc | (t) | 365 000 | 160 000 | 160 000 | 160 000 | 160 000 | -56.16 | 0.00 |
| Nat. Gas | (Mio m ³) | 3 008 | 2 707 | 2 524 | 2 295 | 2 305 | -23.37 | 0.44 |
| Petroleum | (t) | 505 400 | 449 000 | 470 200 | 461 000 | 441 200 | -12.70 | -4.30 |
| Total | (t) | 7 840 926 | 7 377 407 | 7 076 642 | 6 736 883 | 6 715 608 | | |

Jordan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Gypsum | (t) | 344 191 | 190 606 | 264 724 | 184 917 | 399 968 | 16.21 | 116.30 |
| Kaolin | (t) | 11 000 | 11 000 | 11 000 | 11 000 | 11 000 | 0.00 | 0.00 |
| Phosphates | (t) | 2 780 030 | 2 567 170 | 2 951 470 | 2 860 140 | 3 204 880 | 15.28 | 12.05 |
| Potash | (t) | 1 415 260 | 1 485 960 | 1 516 460 | 1 598 200 | 1 563 430 | 10.47 | -2.18 |
| Salt | (t) | 48 985 | 48 901 | 36 850 | 39 088 | 42 359 | -13.53 | 8.37 |
| Sulfur | (t) | 274 350 | 279 910 | 255 060 | 282 200 | 316 540 | 15.38 | 12.17 |
| Nat. Gas | (Mio m ³) | 102 | 93 | 99 | 150 | 184 | 80.39 | 22.67 |
| Petroleum | (t) | 300 | 1 000 | 1 600 | 2 500 | 14 300 | 4 666.67 | 472.00 |
| Total | (t) | 4 955 716 | 4 658 947 | 5 116 364 | 5 098 045 | 5 699 677 | | |

Abbreviations: see Definitions

Kazakhstan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Iron | (t) | 11 705 660 | 12 968 800 | 14 278 750 | 15 105 100 | 15 966 300 | 36.40 | 5.70 |
| Chromium | (t) | 2 193 500 | 2 378 200 | 2 458 800 | 1 977 900 | 1 901 500 | -13.31 | -3.86 |
| Manganese | (t) | 294 900 | 288 300 | 230 700 | 164 300 | 252 300 | -14.45 | 53.56 |
| Molybdenum | (t) | 35 | 149 | 258 | 384 | 880 | 2 414.29 | 129.17 |
| Titanium | (t) | 65 000 | 65 000 | 60 000 | 28 000 | 20 000 | -69.23 | -28.57 |
| Aluminium | (t) | 254 000 | 258 400 | 264 895 | 265 665 | 262 361 | 3.29 | -1.24 |
| Antimony | (t) | 350 | 150 | 0 | 0 | 0 | -100.00 | . |
| Bauxite | (t) | 4 846 100 | 6 104 200 | 4 118 400 | 4 057 800 | 4 370 100 | -9.82 | 7.70 |
| Bismuth | (t) | 200 | 159 | 200 | 270 | 250 | 25.00 | -7.41 |
| Cadmium | (t) | 2 690 | 850 | 1 200 | 1 500 | 1 500 | -44.24 | 0.00 |
| Copper | (t) | 540 700 | 632 550 | 604 970 | 548 760 | 511 940 | -5.32 | -6.71 |
| Lead | (t) | 111 200 | 86 500 | 55 700 | 30 200 | 29 900 | -73.11 | -0.99 |
| Rhenium | (kg) | 2 600 | 1 600 | 1 000 | 1 000 | 1 000 | -61.54 | 0.00 |
| Selenium | (t) | 40 | 10 | 10 | 0 | 0 | -100.00 | . |
| Zinc | (t) | 345 000 | 346 000 | 321 900 | 335 400 | 318 000 | -7.83 | -5.19 |
| Gold | (kg) | 85 339 | 100 288 | 106 559 | 116 964 | 114 843 | 34.57 | -1.81 |
| Silver | (kg) | 1 041 838 | 969 347 | 1 022 068 | 1 035 181 | 1 004 789 | -3.56 | -2.94 |
| Asbestos | (t) | 192 700 | 202 900 | 210 700 | 227 400 | 250 100 | 29.79 | 9.98 |
| Baryte | (t) | 569 900 | 773 200 | 530 600 | 445 300 | 1 016 500 | 78.36 | 128.27 |
| Bentonite | (t) | 120 000 | 120 000 | 52 000 | 59 200 | 60 000 | -50.00 | 1.35 |
| Boron | (t) | 30 000 | 30 000 | 30 000 | 30 000 | 30 000 | 0.00 | 0.00 |
| Gypsum | (t) | 133 200 | 121 400 | 78 200 | 94 500 | 184 700 | 38.66 | 95.45 |
| Phosphates | (t) | 368 400 | 381 200 | 388 540 | 456 010 | 426 420 | 15.75 | -6.49 |
| Salt | (t) | 803 794 | 885 717 | 1 094 659 | 1 237 455 | 1 231 996 | 53.27 | -0.44 |
| Sulfur | (t) | 3 789 700 | 3 218 250 | 3 834 100 | 3 876 400 | 3 993 100 | 5.37 | 3.01 |
| Steam Coal | (t) | 90 910 400 | 101 085 800 | 98 593 000 | 97 924 100 | 102 638 200 | 12.90 | 4.81 |
| Coking Coal | (t) | 15 749 700 | 10 836 000 | 10 478 500 | 10 052 900 | 8 751 800 | -44.43 | -12.94 |
| Lignite | (t) | 5 739 000 | 6 560 700 | 5 929 100 | 5 422 100 | 4 828 700 | -15.86 | -10.94 |
| Nat. Gas (Mio m ³) | | 31 587 | 36 350 | 33 100 | 32 810 | 29 400 | -6.92 | -10.39 |
| Petroleum | (t) | 86 194 400 | 90 359 500 | 90 555 500 | 85 656 100 | 85 877 800 | -0.37 | 0.26 |
| Uranium | (t) | 27 500 | 25 595 | 26 895 | 22 967 | 25 729 | -6.44 | 12.03 |
| Total | (t) | 250 258 799 | 266 810 601 | 260 678 707 | 254 268 864 | 256 471 197 | | |

Kenya

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Manganese | (t) | 2 700 | 7 000 | 16 600 | 13 600 | 28 500 | 955.56 | 109.56 |
| Titanium | (t) | 345 560 | 340 150 | 262 660 | 256 410 | 254 210 | -26.44 | -0.86 |
| Gold | (kg) | 503 | 472 | 395 | 150 | 292 | -41.95 | 94.67 |
| Diatomite | (t) | 1 406 | 1 548 | 921 | 928 | 763 | -45.73 | -17.78 |
| Fluorspar | (t) | 6 945 | 0 | 0 | 0 | 0 | -100.00 | . |
| Gypsum | (t) | 5 700 | 5 700 | 5 700 | 5 700 | 6 000 | 5.26 | 5.26 |
| Kaolin | (t) | 1 000 | 1 000 | 1 000 | 800 | 900 | -10.00 | 12.50 |

Abbreviations: see Definitions

| | | | | | | | | |
|-------------|-----|---------|---------|---------|---------|---------|--------|---------|
| Salt | (t) | 43 245 | 28 841 | 13 728 | 4 703 | 7 099 | -83.58 | 50.95 |
| Vermiculite | (t) | 0 | 0 | 100 | 0 | 400 | . | . |
| Zircon | (t) | 42 217 | 36 387 | 30 440 | 31 730 | 28 933 | -31.47 | -8.82 |
| Petroleum | (t) | | 0 | 32 400 | 41 000 | 0 | . | -100.00 |
| Total | (t) | 448 774 | 420 626 | 363 549 | 354 871 | 326 805 | | |

Korea, North

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 3 645 500 | 2 082 800 | 1 796 400 | 1 640 800 | 1 600 000 | -56.11 | -2.49 |
| Molybdenum | (t) | 480 | 560 | 530 | 100 | 100 | -79.17 | 0.00 |
| Tungsten | (t) | 310 | 1 410 | 1 130 | 410 | 50 | -83.87 | -87.80 |
| Cadmium | (t) | 200 | 200 | 150 | 150 | 150 | -25.00 | 0.00 |
| Copper | (t) | 15 000 | 15 000 | 2 000 | 2 000 | 2 000 | -86.67 | 0.00 |
| Lead | (t) | 31 600 | 35 000 | 25 000 | 24 000 | 25 000 | -20.89 | 4.17 |
| Zinc | (t) | 36 000 | 30 000 | 25 700 | 25 000 | 28 000 | -22.22 | 12.00 |
| Gold | (kg) | 10 000 | 10 000 | 10 000 | 10 000 | 10 000 | 0.00 | 0.00 |
| Silver | (kg) | 70 000 | 70 000 | 50 000 | 50 000 | 50 000 | -28.57 | 0.00 |
| Baryte | (t) | 4 200 | 4 200 | 4 000 | 4 000 | 4 000 | -4.76 | 0.00 |
| Fluorspar | (t) | 6 900 | 6 900 | 6 900 | 6 900 | 6 000 | -13.04 | -13.04 |
| Graphite | (t) | 50 000 | 45 000 | 45 000 | 45 000 | 30 000 | -40.00 | -33.33 |
| Magnesite | (t) | 172 488 | 100 000 | 100 000 | 100 000 | 100 000 | -42.02 | 0.00 |
| Salt | (t) | 500 000 | 500 000 | 500 000 | 500 000 | 500 000 | 0.00 | 0.00 |
| Sulfur | (t) | 10 000 | 10 000 | 10 000 | 10 000 | 10 000 | 0.00 | 0.00 |
| Talc | (t) | 40 000 | 40 000 | 40 000 | 30 000 | 30 000 | -25.00 | 0.00 |
| Steam Coal | (t) | 22 271 000 | 16 899 000 | 20 210 000 | 19 000 000 | 20 000 000 | -10.20 | 5.26 |
| Total | (t) | 26 783 758 | 19 770 150 | 22 766 870 | 21 388 420 | 22 335 360 | | |

Korea, South

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Iron | (t) | 186 330 | 229 530 | 205 410 | 345 140 | 323 140 | 73.42 | -6.37 |
| Molybdenum | (t) | 0 | 1 | 266 | 411 | 408 | . | -0.73 |
| Titanium | (t) | 122 670 | 117 250 | 162 790 | 158 340 | 177 420 | 44.63 | 12.05 |
| Cadmium | (t) | 4 960 | 5 100 | 3 950 | 4 100 | 4 000 | -19.35 | -2.44 |
| Copper | (t) | 7 | 0 | 0 | 0 | 0 | -100.00 | . |
| Gallium | (t) | 3 | 3 | 2 | 2 | 2 | -33.33 | 0.00 |
| Indium | (t) | 215 | 235 | 225 | 210 | 190 | -11.63 | -9.52 |
| Lead | (t) | 3 760 | 2 340 | 1 930 | 1 680 | 1 530 | -59.31 | -8.93 |
| Zinc | (t) | 3 320 | 3 660 | 4 110 | 4 250 | 4 370 | 31.63 | 2.82 |
| Gold | (kg) | 285 | 239 | 181 | 170 | 162 | -43.16 | -4.71 |
| Silver | (kg) | 8 863 | 7 090 | 5 245 | 7 203 | 10 001 | 12.84 | 38.84 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|-----|-----------|-----------|-----------|-----------|-----------|--------|--------|
| Bentonite | (t) | 47 306 | 31 824 | 43 886 | 5 314 | 34 243 | -27.61 | 544.39 |
| Diatomite | (t) | 133 741 | 25 902 | 40 910 | 65 240 | 49 616 | -62.90 | -23.95 |
| Feldspar | (t) | 717 177 | 617 166 | 396 898 | 415 426 | 987 309 | 37.67 | 137.66 |
| Graphite | (t) | 0 | 670 | 302 | 3 052 | 18 297 | . | 499.51 |
| Kaolin | (t) | 416 648 | 369 274 | 317 626 | 393 236 | 352 003 | -15.52 | -10.49 |
| Salt | (t) | 308 844 | 282 590 | 261 970 | 176 247 | 280 876 | -9.06 | 59.36 |
| Sulfur | (t) | 2 000 000 | 2 000 000 | 2 000 000 | 2 000 000 | 2 000 000 | 0.00 | 0.00 |
| Talc | (t) | 434 292 | 348 648 | 330 250 | 315 446 | 355 104 | -18.23 | 12.57 |
| Steam Coal | (t) | 1 485 582 | 1 201 920 | 1 084 000 | 1 019 000 | 897 900 | -39.56 | -11.88 |
| Nat. Gas (Mio m ³) | | 326 | 293 | 248 | 177 | 53 | -83.74 | -70.06 |
| Petroleum | (t) | 29 610 | 25 730 | 21 130 | 13 990 | 4 800 | -83.79 | -65.69 |
| Total | (t) | 6 155 274 | 5 496 250 | 5 074 060 | 5 062 691 | 5 533 618 | | |

Kosovo

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|---------|-----|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Nickel | (t) | 7 120 | 4 790 | 3 360 | 4 150 | 4 960 | -30.34 | 19.52 |
| Lead | (t) | 5 100 | 4 700 | 3 960 | 3 870 | 5 250 | 2.94 | 35.66 |
| Zinc | (t) | 4 500 | 3 600 | 3 050 | 3 890 | 3 620 | -19.56 | -6.94 |
| Lignite | (t) | 7 574 697 | 7 169 767 | 8 063 051 | 8 537 948 | 8 535 436 | 12.68 | -0.03 |
| Total | (t) | 7 591 417 | 7 182 857 | 8 073 421 | 8 549 858 | 8 549 266 | | |

Kuwait

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|-----|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Salt | (t) | 58 250 | 59 300 | 58 600 | 59 000 | 60 000 | 3.00 | 1.69 |
| Sulfur | (t) | 556 800 | 671 000 | 623 300 | 649 800 | 959 000 | 72.23 | 47.58 |
| Nat. Gas (Mio m ³) | | 16 892 | 17 925 | 17 516 | 17 522 | 17 400 | 3.01 | -0.70 |
| Petroleum | (t) | 134 633 070 | 136 244 500 | 133 309 720 | 121 347 440 | 120 264 800 | -10.67 | -0.89 |
| Total | (t) | 148 761 720 | 151 314 800 | 148 004 420 | 136 073 840 | 135 203 800 | | |

Kyrgyzstan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|----------|------|---------|---------|---------|--------|--------|-----------------|-----------------|
| Antimony | (t) | 1 380 | 680 | 20 | 20 | 0 | -100.00 | -100.00 |
| Copper | (t) | 8 956 | 8 813 | 8 640 | 6 500 | 8 100 | -9.56 | 24.62 |
| Mercury | (t) | 10 | 88 | 20 | 20 | 10 | 0.00 | -50.00 |
| Gold | (kg) | 22 795 | 22 602 | 26 127 | 24 150 | 24 870 | 9.10 | 2.98 |
| Silver | (kg) | 19 212 | 18 328 | 19 010 | 16 127 | 16 549 | -13.86 | 2.62 |
| Gypsum | (t) | 100 000 | 152 842 | 150 000 | 23 019 | 31 680 | -68.32 | 37.63 |
| Kaolin | (t) | 40 000 | 15 000 | 15 000 | 15 000 | 15 000 | -62.50 | 0.00 |
| Salt | (t) | 6 000 | 4 665 | 5 605 | 6 000 | 6 000 | 0.00 | 0.00 |

Abbreviations: see Definitions

| | | | | | | | | |
|------------|-----------------------|-----------|-----------|-----------|-----------|-----------|--------|-------|
| Steam Coal | (t) | 246 500 | 316 200 | 346 500 | 522 200 | 571 500 | 131.85 | 9.44 |
| Lignite | (t) | 1 628 900 | 2 079 000 | 2 259 500 | 1 997 500 | 2 418 400 | 48.47 | 21.07 |
| Nat. Gas | (Mio m ³) | 26 | 27 | 24 | 22 | 22 | -15.38 | 0.00 |
| Petroleum | (t) | 173 200 | 200 000 | 233 100 | 239 200 | 275 600 | 59.12 | 15.22 |
| Total | (t) | 2 225 788 | 2 798 929 | 3 037 630 | 2 827 099 | 3 343 932 | | |

Laos

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 150 000 | 59 500 | 282 180 | 607 830 | 2 113 560 | 1 309.04 | 247.72 |
| Antimony | (t) | 320 | 330 | 70 | 0 | 240 | -25.00 | . |
| Copper | (t) | 153 304 | 154 948 | 140 935 | 88 163 | 38 349 | -74.98 | -56.50 |
| Lead | (t) | 660 | 330 | 250 | 90 | 170 | -74.24 | 88.89 |
| Tin | (t) | 975 | 430 | 530 | 600 | 890 | -8.72 | 48.33 |
| Zinc | (t) | 0 | 3 080 | 1 250 | 860 | 5 400 | . | 527.91 |
| Gold | (kg) | 5 988 | 5 579 | 5 207 | 5 097 | 8 742 | 45.99 | 71.51 |
| Silver | (kg) | 42 841 | 37 465 | 34 443 | 29 075 | 26 998 | -36.98 | -7.14 |
| Baryte | (t) | 33 325 | 35 000 | 48 600 | 96 278 | 37 403 | 12.24 | -61.15 |
| Gypsum | (t) | 463 039 | 618 783 | 606 387 | 737 749 | 1 221 959 | 163.90 | 65.63 |
| Potash | (t) | 307 600 | 343 500 | 286 900 | 442 500 | 507 600 | 65.02 | 14.71 |
| Salt | (t) | 37 490 | 46 863 | 10 079 | 3 951 | 6 846 | -81.74 | 73.27 |
| Steam Coal | (t) | 133 284 | 142 994 | 161 494 | 320 231 | 698 521 | 424.08 | 118.13 |
| Lignite | (t) | 13 439 492 | 15 903 277 | 15 263 562 | 14 366 628 | 13 618 072 | 1.33 | -5.21 |
| Total | (t) | 14 719 538 | 17 309 078 | 16 802 276 | 16 664 914 | 18 249 046 | | |

Latvia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Gypsum | (t) | 278 260 | 320 080 | 318 450 | 359 190 | 383 990 | 38.00 | 6.90 |
| Total | (t) | 278 260 | 320 080 | 318 450 | 359 190 | 383 990 | | |

Lebanon

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------|-----|-------|-------|-------|-------|-------|-----------------|-----------------|
| Salt | (t) | 3 000 | 3 000 | 3 000 | 3 000 | 3 000 | 0.00 | 0.00 |
| Total | (t) | 3 000 | 3 000 | 3 000 | 3 000 | 3 000 | | |

Abbreviations: see Definitions

Lesotho

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|-----------|-----------|-----------|---------|---------|-----------------|-----------------|
| Diam. (Gem) | (ct) | 1 126 409 | 1 294 283 | 1 113 526 | 481 243 | 339 452 | -69.86 | -29.46 |
| Total | (t) | 0 | 0 | 0 | 0 | 0 | | |

Liberia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|---------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Iron | (t) | 962 900 | 2 794 300 | 2 657 200 | 2 924 600 | 3 000 000 | 211.56 | 2.58 |
| Gold | (kg) | 6 071 | 7 289 | 5 068 | 4 396 | 7 860 | 29.47 | 78.80 |
| Diam. (Gem) | (ct) | 36 380 | 45 330 | 33 560 | 32 760 | 37 820 | 3.96 | 15.45 |
| Diam. (Ind) | (ct) | 24 250 | 30 220 | 22 370 | 21 840 | 25 210 | 3.96 | 15.43 |
| Total | (t) | 962 906 | 2 794 307 | 2 657 205 | 2 924 604 | 3 000 008 | | |

Libya

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Gypsum | (t) | 150 000 | 150 000 | 200 000 | 200 000 | 200 000 | 33.33 | 0.00 |
| Salt | (t) | 30 000 | 30 000 | 30 000 | 30 000 | 40 000 | 33.33 | 33.33 |
| Sulfur | (t) | 133 300 | 133 000 | 130 000 | 130 000 | 130 000 | -2.48 | 0.00 |
| Nat. Gas | (Mio m ³) | 14 310 | 13 880 | 14 190 | 17 714 | 15 236 | 6.47 | -13.99 |
| Petroleum | (t) | 43 757 120 | 47 110 900 | 54 317 500 | 19 388 800 | 60 113 100 | 37.38 | 210.04 |
| Total | (t) | 55 518 420 | 58 527 900 | 66 029 500 | 33 920 000 | 72 671 900 | | |

Lithuania

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Sulfur | (t) | 93 970 | 93 960 | 86 040 | 71 250 | 72 990 | -22.33 | 2.44 |
| Petroleum | (t) | 55 830 | 46 030 | 39 570 | 31 630 | 28 920 | -48.20 | -8.57 |
| Total | (t) | 149 800 | 139 990 | 125 610 | 102 880 | 101 910 | | |

Madagascar

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|----------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Chromium | (t) | 102 000 | 53 500 | 37 300 | 6 100 | 5 900 | -94.22 | -3.28 |
| Cobalt | (t) | 2 967 | 2 887 | 2 897 | 833 | 1 986 | -33.06 | 138.42 |
| Nickel | (t) | 34 123 | 33 204 | 33 736 | 9 908 | 27 710 | -18.79 | 179.67 |
| Titanium | (t) | 230 700 | 214 900 | 252 200 | 280 600 | 324 800 | 40.79 | 15.75 |

Abbreviations: see Definitions

| | | | | | | | | |
|-------------|------|---------|---------|---------|---------|---------|--------|--------|
| Beryllium | (t) | 140 | 140 | 30 | 30 | 30 | -78.57 | 0.00 |
| Rare Earths | (t) | 0 | 2 400 | 3 200 | 4 300 | 4 100 | . | -4.65 |
| Gold | (kg) | 2 834 | 3 052 | 2 423 | 1 779 | 2 000 | -29.43 | 12.42 |
| Graphite | (t) | 13 300 | 52 951 | 45 106 | 61 405 | 88 110 | 562.48 | 43.49 |
| Salt | (t) | 110 000 | 110 000 | 110 000 | 110 000 | 110 000 | 0.00 | 0.00 |
| Zircon | (t) | 25 950 | 22 757 | 29 473 | 26 029 | 23 100 | -10.98 | -11.25 |
| Total | (t) | 519 183 | 492 742 | 513 944 | 499 207 | 585 738 | | |

Malawi

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----|--------|--------|--------|--------|--------|-----------------|-----------------|
| Iron | (t) | 3 000 | 1 540 | 1 800 | 3 010 | 2 990 | -0.33 | -0.66 |
| Phosphates | (t) | 170 | 270 | 300 | 0 | 0 | -100.00 | . |
| Steam Coal | (t) | 45 230 | 49 753 | 54 728 | 54 876 | 30 251 | -33.12 | -44.87 |
| Total | (t) | 48 400 | 51 563 | 56 828 | 57 886 | 33 241 | | |

Malaysia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 2 469 370 | 2 112 790 | 2 621 100 | 3 383 990 | 3 070 930 | 24.36 | -9.25 |
| Manganese | (t) | 514 950 | 530 340 | 474 910 | 365 340 | 280 790 | -45.47 | -23.14 |
| Tantalum | (t) | 6 | 27 | 2 | 1 | 1 | -83.33 | 0.00 |
| Titanium | (t) | 8 500 | 12 600 | 6 930 | 6 280 | 13 470 | 58.47 | 114.49 |
| Aluminium | (t) | 760 000 | 760 000 | 760 000 | 980 700 | 901 000 | 18.55 | -8.13 |
| Bauxite | (t) | 830 000 | 589 685 | 900 561 | 594 715 | 47 577 | -94.27 | -92.00 |
| Rare Earths | (t) | 180 | 990 | 70 | 10 | 30 | -83.33 | 200.00 |
| Tin | (t) | 4 819 | 3 868 | 3 611 | 2 963 | 3 193 | -33.74 | 7.76 |
| Gold | (kg) | 2 124 | 2 978 | 3 151 | 1 716 | 1 781 | -16.15 | 3.79 |
| Silver | (kg) | 1 404 | 1 542 | 686 | 423 | 672 | -52.14 | 58.87 |
| Feldspar | (t) | 411 204 | 414 441 | 241 189 | 240 000 | 168 570 | -59.01 | -29.76 |
| Kaolin | (t) | 444 559 | 496 219 | 400 722 | 336 565 | 228 605 | -48.58 | -32.08 |
| Zircon | (t) | 1 595 | 509 | 449 | 157 | 1 518 | -4.83 | 866.88 |
| Steam Coal | (t) | 2 988 211 | 2 652 814 | 3 459 122 | 2 978 248 | 3 115 316 | 4.25 | 4.60 |
| Nat. Gas (Mio m ³) | | 70 290 | 66 212 | 68 700 | 63 370 | 67 520 | -3.94 | 6.55 |
| Petroleum | (t) | 32 887 600 | 32 509 900 | 30 384 800 | 27 679 100 | 25 467 600 | -22.56 | -7.99 |
| Total | (t) | 97 552 997 | 93 053 788 | 94 213 470 | 87 264 071 | 87 314 603 | | |

Abbreviations: see Definitions

Mali

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------|------|--------|--------|--------|--------|--------|-----------------|-----------------|
| Gold | (kg) | 49 622 | 60 893 | 66 739 | 71 200 | 69 400 | 39.86 | -2.53 |
| Silver | (kg) | 2 900 | 2 844 | 3 000 | 3 000 | 3 000 | 3.45 | 0.00 |
| Total | (t) | 53 | 64 | 70 | 74 | 72 | | |

Malta

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------|-----|-------|-------|-------|-------|-------|-----------------|-----------------|
| Salt | (t) | 1 600 | 1 600 | 1 600 | 1 600 | 1 600 | 0.00 | 0.00 |
| Total | (t) | 1 600 | 1 600 | 1 600 | 1 600 | 1 600 | | |

Mauritania

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Iron | (t) | 7 678 500 | 6 961 700 | 7 927 700 | 8 135 000 | 8 201 700 | 6.81 | 0.82 |
| Copper | (t) | 28 791 | 28 137 | 29 620 | 28 491 | 18 846 | -34.54 | -33.85 |
| Gold | (kg) | 9 096 | 9 236 | 13 554 | 14 125 | 6 499 | -28.55 | -53.99 |
| Gypsum | (t) | 80 000 | 130 000 | 130 000 | 120 000 | 70 000 | -12.50 | -41.67 |
| Petroleum | (t) | 165 600 | 0 | 0 | 0 | 0 | -100.00 | . |
| Total | (t) | 7 952 900 | 7 119 846 | 8 087 334 | 8 283 505 | 8 290 552 | | |

Mauritius

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------|-----|-------|-------|-------|-------|-------|-----------------|-----------------|
| Salt | (t) | 1 000 | 1 000 | 1 500 | 2 200 | 2 200 | 120.00 | 0.00 |
| Total | (t) | 1 000 | 1 000 | 1 500 | 2 200 | 2 200 | | |

Mexico

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----|-----------|-----------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 7 027 520 | 8 412 810 | 10 331 270 | 10 774 600 | 10 800 000 | 53.68 | 0.24 |
| Manganese | (t) | 218 510 | 209 023 | 232 957 | 258 045 | 220 560 | 0.94 | -14.53 |
| Molybdenum | (t) | 13 985 | 20 265 | 21 694 | 20 577 | 16 319 | 16.69 | -20.69 |
| Tungsten | (t) | | 45 | 15 | 32 | 0 | . | -100.00 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|------|-------------|-------------|-------------|-------------|-------------|---------|--------|
| Antimony | (t) | 240 | 300 | 289 | 136 | 413 | 72.08 | 203.68 |
| Bismuth | (t) | 513 | 313 | 291 | 0 | 0 | -100.00 | . |
| Cadmium | (t) | 1 142 | 1 307 | 952 | 978 | 1 051 | -7.97 | 7.46 |
| Copper | (t) | 742 246 | 696 580 | 713 704 | 800 316 | 734 137 | -1.09 | -8.27 |
| Lead | (t) | 243 022 | 230 869 | 372 106 | 468 486 | 272 231 | 12.02 | -41.89 |
| Mercury | (t) | 200 | 230 | 50 | 70 | 40 | -80.00 | -42.86 |
| Selenium | (t) | 112 | 107 | 127 | 106 | 135 | 20.54 | 27.36 |
| Zinc | (t) | 671 444 | 662 355 | 859 194 | 1 008 252 | 742 926 | 10.65 | -26.32 |
| Gold | (kg) | 126 820 | 141 143 | 133 893 | 142 787 | 124 776 | -1.61 | -12.61 |
| Silver | (kg) | 5 815 034 | 7 243 341 | 7 485 602 | 7 424 554 | 6 118 000 | 5.21 | -17.60 |
| Baryte | (t) | 359 912 | 366 234 | 415 180 | 480 954 | 320 642 | -10.91 | -33.33 |
| Bentonite | (t) | 148 475 | 264 800 | 24 321 | 79 219 | 80 000 | -46.12 | 0.99 |
| Diatomite | (t) | 96 474 | 152 028 | 129 274 | 144 105 | 160 956 | 66.84 | 11.69 |
| Feldspar | (t) | 500 692 | 907 755 | 516 196 | 903 385 | 372 102 | -25.68 | -58.81 |
| Fluorspar | (t) | 741 678 | 1 959 654 | 1 931 532 | 1 571 269 | 1 007 118 | 35.79 | -35.90 |
| Graphite | (t) | 10 310 | 4 130 | 2 342 | 2 033 | 1 778 | -82.75 | -12.54 |
| Gypsum | (t) | 9 197 520 | 11 275 293 | 7 759 139 | 7 977 953 | 6 386 777 | -30.56 | -19.94 |
| Kaolin | (t) | 325 864 | 898 246 | 246 645 | 236 033 | 223 332 | -31.46 | -5.38 |
| Magnesite | (t) | 101 000 | 101 000 | 800 | 0 | 0 | -100.00 | . |
| Perlite | (t) | 15 899 | 26 400 | 24 497 | 0 | 0 | -100.00 | . |
| Phosphates | (t) | 692 150 | 222 500 | 249 520 | 91 240 | 136 900 | -80.22 | 50.04 |
| Salt | (t) | 9 570 779 | 9 392 052 | 8 845 239 | 9 084 859 | 7 644 755 | -20.12 | -15.85 |
| Sulfur | (t) | 551 218 | 442 657 | 377 381 | 264 078 | 219 439 | -60.19 | -16.90 |
| Talc | (t) | 7 129 | 8 448 | 7 202 | 29 122 | 29 000 | 306.79 | -0.42 |
| Vermiculite | (t) | 464 | 244 | 148 | 104 | 100 | -78.45 | -3.85 |
| Steam Coal | (t) | 7 528 900 | 6 772 528 | 6 175 726 | 3 357 000 | 2 831 000 | -62.40 | -15.67 |
| Coking Coal | (t) | 4 566 000 | 3 897 000 | 3 275 000 | 3 897 000 | 4 165 000 | -8.78 | 6.88 |
| Nat. Gas (Mio m ³) | | 30 470 | 29 860 | 29 370 | 28 590 | 27 170 | -10.83 | -4.97 |
| Petroleum | (t) | 109 084 360 | 101 605 440 | 94 161 830 | 93 860 550 | 94 785 920 | -13.11 | 0.99 |
| Total | (t) | 176 799 700 | 172 425 997 | 160 178 241 | 158 190 070 | 152 894 874 | | |

Moldova

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Gypsum | (t) | 358 500 | 352 500 | 276 400 | 292 600 | 307 900 | -14.11 | 5.23 |
| Petroleum | (t) | 5 000 | 5 100 | 5 032 | 5 032 | 4 972 | -0.56 | -1.19 |
| Total | (t) | 363 500 | 357 600 | 281 432 | 297 632 | 312 872 | | |

Mongolia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Iron | (t) | 4 309 030 | 3 486 220 | 4 800 430 | 5 165 660 | 5 136 260 | 19.20 | -0.57 |
| Molybdenum | (t) | 2 640 | 2 580 | 2 490 | 2 890 | 2 975 | 12.69 | 2.94 |
| Tungsten | (t) | 523 | 430 | 370 | 35 | 120 | -77.06 | 242.86 |

Abbreviations: see Definitions

| | | | | | | | | |
|-------------|------|------------|------------|------------|------------|------------|----------|--------|
| Copper | (t) | 314 920 | 309 750 | 290 980 | 291 010 | 303 030 | -3.78 | 4.13 |
| Lead | (t) | 7 390 | 11 320 | 13 500 | 12 400 | 9 700 | 31.26 | -21.77 |
| Tin | (t) | 20 | 25 | 20 | 0 | 1 160 | 5 700.00 | . |
| Zinc | (t) | 41 350 | 43 950 | 41 550 | 38 150 | 39 490 | -4.50 | 3.51 |
| Gold | (kg) | 19 849 | 20 655 | 16 235 | 20 226 | 19 054 | -4.01 | -5.79 |
| Silver | (kg) | 67 190 | 69 120 | 79 864 | 77 762 | 79 035 | 17.63 | 1.64 |
| Fluorspar | (t) | 319 330 | 555 230 | 699 400 | 678 900 | 644 300 | 101.77 | -5.10 |
| Gypsum | (t) | 56 000 | 47 700 | 107 100 | 97 900 | 111 400 | 98.93 | 13.79 |
| Salt | (t) | 860 | 997 | 533 | 2 624 | 1 349 | 56.86 | -48.59 |
| Steam Coal | (t) | 6 286 990 | 6 914 400 | 6 683 100 | 5 394 200 | 4 077 410 | -35.15 | -24.41 |
| Coking Coal | (t) | 25 672 000 | 27 073 750 | 28 962 970 | 25 821 930 | 19 518 500 | -23.97 | -24.41 |
| Lignite | (t) | 6 783 000 | 7 449 000 | 8 053 080 | 6 657 650 | 5 309 755 | -21.72 | -20.25 |
| Petroleum | (t) | 1 039 900 | 871 500 | 937 900 | 560 000 | 636 600 | -38.78 | 13.68 |
| Uranium | (t) | | 0 | 0 | 1 | 4 | . | 300.00 |
| Total | (t) | 44 834 040 | 46 766 942 | 50 593 519 | 44 723 448 | 35 792 151 | | |

Montenegro

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Aluminium | (t) | 39 379 | 40 163 | 36 522 | 37 208 | 45 214 | 14.82 | 21.52 |
| Bauxite | (t) | 927 847 | 468 164 | 774 725 | 791 813 | 526 760 | -43.23 | -33.47 |
| Lead | (t) | 3 050 | 3 100 | 3 480 | 640 | 0 | -100.00 | -100.00 |
| Zinc | (t) | 8 820 | 10 670 | 9 520 | 10 130 | 9 360 | 6.12 | -7.60 |
| Lignite | (t) | 1 474 800 | 1 595 900 | 1 605 200 | 1 665 449 | 1 548 612 | 5.00 | -7.02 |
| Total | (t) | 2 453 896 | 2 117 997 | 2 429 447 | 2 505 240 | 2 129 946 | | |

Morocco

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|---------|---------|-----------|---------|---------|-----------------|-----------------|
| Iron | (t) | 36 120 | 18 520 | 7 150 | 14 090 | 8 870 | -75.44 | -37.05 |
| Cobalt | (t) | 1 924 | 1 806 | 2 397 | 2 416 | 1 796 | -6.65 | -25.66 |
| Manganese | (t) | 49 500 | 39 770 | 35 600 | 42 050 | 41 250 | -16.67 | -1.90 |
| Nickel | (t) | 196 | 126 | 131 | 142 | 147 | -25.00 | 3.52 |
| Arsenic | (t) | 6 879 | 5 578 | 5 055 | 7 694 | 6 883 | 0.06 | -10.54 |
| Copper | (t) | 35 420 | 32 430 | 30 720 | 31 750 | 50 340 | 42.12 | 58.55 |
| Lead | (t) | 38 040 | 30 360 | 32 770 | 38 190 | 31 340 | -17.61 | -17.94 |
| Mercury | (t) | 10 | 5 | 2 | 2 | 2 | -80.00 | 0.00 |
| Zinc | (t) | 51 700 | 57 700 | 43 570 | 35 810 | 40 230 | -22.19 | 12.34 |
| Gold | (kg) | 220 | 386 | 221 | 143 | 147 | -33.18 | 2.80 |
| Silver | (kg) | 277 130 | 200 530 | 216 580 | 189 220 | 194 360 | -29.87 | 2.72 |
| Baryte | (t) | 818 016 | 899 365 | 1 119 811 | 501 939 | 840 486 | 2.75 | 67.45 |
| Bentonite | (t) | 174 546 | 172 749 | 188 081 | 92 387 | 134 340 | -23.03 | 45.41 |
| Feldspar | (t) | 101 064 | 75 298 | 101 947 | 185 772 | 427 387 | 322.89 | 130.06 |

Abbreviations: see Definitions

| | | | | | | | | |
|------------|-----------------------|------------|------------|------------|------------|------------|--------|--------|
| Fluorspar | (t) | 75 509 | 87 874 | 73 244 | 83 833 | 189 012 | 150.32 | 125.46 |
| Phosphates | (t) | 10 490 100 | 10 960 200 | 11 267 500 | 11 959 000 | 12 176 200 | 16.07 | 1.82 |
| Salt | (t) | 659 263 | 691 637 | 854 397 | 490 896 | 295 741 | -55.14 | -39.75 |
| Nat. Gas | (Mio m ³) | 81 | 87 | 99 | 98 | 110 | 35.80 | 12.24 |
| Petroleum | (t) | 4 640 | 4 840 | 4 335 | 4 098 | 3 246 | -30.04 | -20.79 |
| Total | (t) | 12 608 004 | 13 148 059 | 13 846 127 | 13 568 658 | 14 335 464 | | |

Mozambique

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Niobium | (t) | 10 | 12 | 11 | 17 | 14 | 40.00 | -17.65 |
| Tantalum | (t) | 57 | 66 | 59 | 94 | 75 | 31.58 | -20.21 |
| Titanium | (t) | 725 200 | 701 400 | 786 900 | 874 000 | 1 126 800 | 55.38 | 28.92 |
| Aluminium | (t) | 577 495 | 571 125 | 564 756 | 571 125 | 564 756 | -2.21 | -1.12 |
| Bauxite | (t) | 3 182 | 9 912 | 8 024 | 6 491 | 7 852 | 146.76 | 20.97 |
| Beryllium | (t) | 53 | 416 | 45 | 80 | 330 | 522.64 | 312.50 |
| Gold | (kg) | 166 | 507 | 430 | 488 | 764 | 360.24 | 56.56 |
| Bentonite | (t) | 285 | 1 091 | 77 734 | 80 189 | 118 692 | 41 546.32 | 48.02 |
| Diatomite | (t) | 0 | 34 200 | 72 439 | 35 257 | 72 914 | . | 106.81 |
| Graphite | (t) | 802 | 104 000 | 153 000 | 18 159 | 77 116 | 9 515.46 | 324.67 |
| Salt | (t) | 21 458 | 27 729 | 50 740 | 38 377 | 34 453 | 60.56 | -10.22 |
| Zircon | (t) | 159 664 | 202 022 | 121 768 | 104 076 | 123 011 | -22.96 | 18.19 |
| Steam Coal | (t) | 4 391 833 | 6 891 201 | 4 983 146 | 3 370 585 | 5 346 781 | 21.74 | 58.63 |
| Coking Coal | (t) | 7 385 930 | 8 355 292 | 5 356 390 | 4 670 626 | 5 732 902 | -22.38 | 22.74 |
| Nat. Gas | (Mio m ³) | 5 110 | 5 120 | 4 597 | 4 541 | 4 593 | -10.12 | 1.15 |
| Petroleum | (t) | 55 790 | 51 810 | 41 250 | 38 350 | 36 330 | -34.88 | -5.27 |
| Total | (t) | 17 409 759 | 21 046 277 | 15 893 862 | 13 440 226 | 16 916 427 | | |

Myanmar

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Manganese | (t) | 136 600 | 207 500 | 429 000 | 254 000 | 206 100 | 50.88 | -18.86 |
| Nickel | (t) | 29 250 | 17 750 | 14 200 | 22 000 | 18 100 | -38.12 | -17.73 |
| Tungsten | (t) | 330 | 190 | 130 | 80 | 40 | -87.88 | -50.00 |
| Antimony | (t) | 4 500 | 2 640 | 4 800 | 6 600 | 2 870 | -36.22 | -56.52 |
| Copper | (t) | 126 930 | 179 310 | 219 200 | 196 500 | 200 360 | 57.85 | 1.96 |
| Lead | (t) | 14 890 | 24 930 | 35 090 | 27 000 | 12 900 | -13.36 | -52.22 |
| Rare Earths | (t) | 5 000 | 20 400 | 17 100 | 21 000 | 27 100 | 442.00 | 29.05 |
| Tin | (t) | 67 300 | 54 500 | 38 900 | 33 440 | 33 930 | -49.58 | 1.47 |
| Zinc | (t) | 13 150 | 12 240 | 13 680 | 11 310 | 6 200 | -52.85 | -45.18 |
| Gold | (kg) | 1 620 | 467 | 267 | 871 | 773 | -52.28 | -11.25 |
| Baryte | (t) | 3 206 | 9 658 | 12 439 | 2 642 | 2 220 | -30.75 | -15.97 |
| Bentonite | (t) | 600 | 540 | 0 | 500 | 500 | -16.67 | 0.00 |
| Gypsum | (t) | 361 015 | 309 343 | 299 316 | 258 620 | 51 240 | -85.81 | -80.19 |
| Salt | (t) | 158 499 | 189 146 | 213 319 | 229 755 | 161 774 | 2.07 | -29.59 |

Abbreviations: see Definitions

| | | | | | | | | |
|------------|-----------------------|------------|------------|------------|------------|------------|--------|--------|
| Steam Coal | (t) | 646 900 | 819 715 | 1 325 586 | 1 283 428 | 994 617 | 53.75 | -22.50 |
| Lignite | (t) | 90 000 | 485 724 | 785 480 | 760 498 | 589 360 | 554.84 | -22.50 |
| Nat. Gas | (Mio m ³) | 18 660 | 16 040 | 18 810 | 18 270 | 17 680 | -5.25 | -3.23 |
| Petroleum | (t) | 573 400 | 480 500 | 429 000 | 572 200 | 309 800 | -45.97 | -45.86 |
| Total | (t) | 17 159 572 | 15 646 086 | 18 885 240 | 18 295 574 | 16 761 112 | | |

Namibia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Iron | (t) | 1 640 | 8 730 | 8 400 | 27 570 | 51 490 | 3 039.63 | 86.76 |
| Manganese | (t) | 9 820 | 8 800 | 14 660 | 11 860 | 10 250 | 4.38 | -13.58 |
| Arsenic | (t) | 700 | 0 | 0 | 0 | 0 | -100.00 | . |
| Copper | (t) | 15 466 | 15 177 | 14 940 | 15 741 | 950 | -93.86 | -93.96 |
| Lead | (t) | 5 805 | 4 291 | 6 320 | 8 890 | 10 130 | 74.50 | 13.95 |
| Lithium | (t) | 0 | 600 | 0 | 0 | 0 | . | . |
| Tin | (t) | | 0 | 7 | 242 | 492 | . | 103.31 |
| Zinc | (t) | 131 920 | 118 310 | 124 630 | 62 260 | 41 180 | -68.78 | -33.86 |
| Gold | (kg) | 7 800 | 6 632 | 7 016 | 6 718 | 7 648 | -1.95 | 13.84 |
| Silver | (kg) | 6 490 | 3 850 | 7 765 | 7 520 | 5 847 | -9.91 | -22.25 |
| Diam. (Gem) | (ct) | 1 713 800 | 1 985 670 | 1 722 830 | 1 428 445 | 1 446 964 | -15.57 | 1.30 |
| Diam. (Ind) | (ct) | 90 200 | 104 510 | 90 675 | 75 180 | 76 156 | -15.57 | 1.30 |
| Graphite | (t) | 2 216 | 3 456 | 0 | 0 | 0 | -100.00 | . |
| Salt | (t) | 866 586 | 1 151 153 | 983 354 | 987 872 | 1 014 873 | 17.11 | 2.73 |
| Sulfur | (t) | 72 280 | 78 610 | 72 920 | 81 500 | 65 500 | -9.38 | -19.63 |
| Uranium | (t) | 4 981 | 6 514 | 6 459 | 6 382 | 6 784 | 36.20 | 6.30 |
| Total | (t) | 1 111 428 | 1 395 652 | 1 231 705 | 1 202 332 | 1 201 663 | | |

Nauru

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----|--------|--------|--------|--------|---------|-----------------|-----------------|
| Phosphates | (t) | 50 900 | 23 000 | 30 600 | 39 400 | 102 500 | 101.38 | 160.15 |
| Total | (t) | 50 900 | 23 000 | 30 600 | 39 400 | 102 500 | | |

Nepal

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------|-----|-------|------|------|-------|-------|-----------------|-----------------|
| Iron | (t) | 350 | 180 | 120 | 770 | 0 | -100.00 | -100.00 |
| Lead | (t) | 3 900 | 0 | 0 | 1 800 | 5 550 | 42.31 | 208.33 |

| | | | | | | | | |
|------------|-----|--------|--------|--------|--------|--------|--------|-------|
| Talc | (t) | 7 096 | 8 658 | 7 813 | 4 931 | 4 450 | -37.29 | -9.75 |
| Steam Coal | (t) | 10 237 | 10 049 | 7 184 | 7 250 | 10 714 | 4.66 | 47.78 |
| Total | (t) | 21 583 | 18 887 | 15 117 | 14 751 | 20 714 | | |

Netherlands

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Aluminium | (t) | 29 300 | 41 300 | 81 100 | 70 600 | 46 700 | 59.39 | -33.85 |
| Cadmium | (t) | 890 | 960 | 860 | 880 | 854 | -4.04 | -2.95 |
| Salt | (t) | 6 935 000 | 6 750 546 | 5 913 782 | 5 712 038 | 6 120 742 | -11.74 | 7.16 |
| Nat. Gas | (Mio m ³) | 43 103 | 36 911 | 31 517 | 22 813 | 20 438 | -52.58 | -10.41 |
| Petroleum | (t) | 1 222 000 | 1 129 300 | 892 600 | 862 200 | 861 100 | -29.53 | -0.13 |
| Total | (t) | 42 669 590 | 37 450 906 | 32 101 942 | 24 896 118 | 23 379 796 | | |

New Caledonia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Cobalt | (t) | 2 780 | 2 104 | 1 703 | 2 197 | 1 500 | -46.04 | -31.73 |
| Nickel | (t) | 215 382 | 216 225 | 208 185 | 199 375 | 186 284 | -13.51 | -6.57 |
| Total | (t) | 218 162 | 218 329 | 209 888 | 201 572 | 187 784 | | |

New Zealand

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|-----------------------|------------|------------|------------|------------|-----------|-----------------|-----------------|
| Iron | (t) | 2 324 640 | 2 100 000 | 1 915 000 | 2 260 000 | 2 200 000 | -5.36 | -2.65 |
| Aluminium | (t) | 336 740 | 340 678 | 351 481 | 333 314 | 333 135 | -1.07 | -0.05 |
| Gold | (kg) | 10 288 | 10 045 | 8 217 | 5 860 | 5 815 | -43.48 | -0.77 |
| Silver | (kg) | 8 022 | 6 332 | 4 060 | 1 393 | 3 055 | -61.92 | 119.31 |
| Bentonite | (t) | 700 | 4 482 | 500 | 500 | 500 | -28.57 | 0.00 |
| Kaolin | (t) | 50 424 | 51 369 | 50 569 | 50 000 | 55 000 | 9.08 | 10.00 |
| Salt | (t) | 102 000 | 100 000 | 100 000 | 100 000 | 100 000 | -1.96 | 0.00 |
| Steam Coal | (t) | 1 426 000 | 1 710 060 | 1 545 230 | 1 482 000 | 1 448 565 | 1.58 | -2.26 |
| Coking Coal | (t) | 1 173 100 | 1 213 400 | 1 200 900 | 1 038 970 | 1 134 310 | -3.31 | 9.18 |
| Lignite | (t) | 319 487 | 307 378 | 287 830 | 297 690 | 284 735 | -10.88 | -4.35 |
| Nat. Gas | (Mio m ³) | 4 896 | 4 322 | 4 608 | 4 508 | 3 945 | -19.42 | -12.49 |
| Petroleum | (t) | 1 400 390 | 1 086 450 | 1 128 870 | 964 420 | 840 780 | -39.96 | -12.82 |
| Total | (t) | 11 050 299 | 10 371 433 | 10 266 792 | 10 133 301 | 9 553 034 | | |

Abbreviations: see Definitions

Nicaragua

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------|------|---------|---------|--------|---------|--------|-----------------|-----------------|
| Gold | (kg) | 7 367 | 7 703 | 9 190 | 8 087 | 11 144 | 51.27 | 37.80 |
| Silver | (kg) | 15 419 | 11 263 | 17 362 | 20 411 | 21 460 | 39.18 | 5.14 |
| Gypsum | (t) | 66 740 | 70 341 | 39 925 | 64 573 | 19 999 | -70.03 | -69.03 |
| Salt | (t) | 50 000 | 50 000 | 55 000 | 55 000 | 55 000 | 10.00 | 0.00 |
| Total | (t) | 116 762 | 120 360 | 94 951 | 119 601 | 75 031 | | |

Niger

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|------|-----------|-----------|-----------|-----------|---------|-----------------|-----------------|
| Gold | (kg) | 914 | 6 207 | 5 224 | 2 361 | 4 010 | 338.73 | 69.84 |
| Silver | (kg) | 100 | 300 | 100 | 120 | 100 | 0.00 | -16.67 |
| Steam Coal | (t) | 233 792 | 221 580 | 225 920 | 246 880 | 105 760 | -54.76 | -57.16 |
| Petroleum | (t) | 909 200 | 827 300 | 903 400 | 855 500 | 873 100 | -3.97 | 2.06 |
| Uranium | (t) | 4 066 | 3 433 | 3 516 | 3 527 | 2 691 | -33.82 | -23.70 |
| Total | (t) | 1 147 059 | 1 052 319 | 1 132 841 | 1 105 909 | 981 555 | | |

Nigeria

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|------|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Iron | (t) | 0 | 700 | 18 300 | 2 400 | 1 300 | . | -45.83 |
| Manganese | (t) | 13 550 | 22 880 | 1 000 | 5 850 | 22 380 | 65.17 | 282.56 |
| Niobium | (t) | 122 | 181 | 170 | 80 | 140 | 14.75 | 75.00 |
| Tantalum | (t) | 480 | 230 | 120 | 80 | 160 | -66.67 | 100.00 |
| Tungsten | (t) | 12 | 66 | 15 | 18 | 24 | 100.00 | 33.33 |
| Beryllium | (t) | 0 | 35 | 1 | 2 | 0 | . | -100.00 |
| Lead | (t) | 24 260 | 17 900 | 23 550 | 20 100 | 45 500 | 87.55 | 126.37 |
| Lithium | (t) | 0 | 50 | 10 | 0 | 20 | . | . |
| Tin | (t) | 8 260 | 7 850 | 6 900 | 5 970 | 6 890 | -16.59 | 15.41 |
| Zinc | (t) | 22 130 | 26 920 | 23 220 | 26 620 | 32 220 | 45.59 | 21.04 |
| Gold | (kg) | 7 000 | 10 000 | 9 000 | 1 520 | 2 000 | -71.43 | 31.58 |
| Baryte | (t) | 717 | 387 | 370 | 544 | 460 | -35.84 | -15.44 |
| Feldspar | (t) | 27 660 | 41 355 | 33 702 | 19 453 | 43 997 | 59.06 | 126.17 |
| Fluorspar | (t) | | | 4 730 | 17 557 | 6 275 | . | -64.26 |
| Gypsum | (t) | 39 939 | 39 052 | 22 142 | 30 706 | 13 401 | -66.45 | -56.36 |
| Kaolin | (t) | 46 935 | 11 707 | 8 649 | 7 033 | 23 530 | -49.87 | 234.57 |
| Talc | (t) | 1 897 | 2 668 | 6 630 | 8 404 | 65 061 | 3 329.68 | 674.17 |
| Zircon | (t) | 4 086 | 1 421 | 1 000 | 242 | 3 033 | -25.77 | 1 153.31 |
| Steam Coal | (t) | 397 214 | 352 679 | 543 424 | 747 979 | 1 444 139 | 263.57 | 93.07 |
| Nat. Gas (Mio m ³) | | 47 200 | 48 270 | 49 280 | 49 950 | 48 570 | 2.90 | -2.76 |
| Petroleum | (t) | 94 081 000 | 95 675 000 | 100 287 000 | 91 504 570 | 80 639 590 | -14.29 | -11.87 |
| Total | (t) | 132 428 269 | 134 817 091 | 140 404 942 | 132 357 610 | 121 204 122 | | |

Abbreviations: see Definitions

North Macedonia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Copper | (t) | 8 966 | 7 718 | 7 231 | 6 625 | 6 810 | -24.05 | 2.79 |
| Lead | (t) | 39 850 | 41 900 | 43 490 | 44 930 | 42 870 | 7.58 | -4.58 |
| Zinc | (t) | 27 510 | 29 720 | 31 040 | 31 750 | 30 070 | 9.31 | -5.29 |
| Gold | (kg) | 972 | 767 | 593 | 448 | 470 | -51.65 | 4.91 |
| Silver | (kg) | 16 020 | 15 060 | 15 620 | 16 090 | 15 470 | -3.43 | -3.85 |
| Bentonite | (t) | 912 | 2 945 | 682 | 2 196 | 1 277 | 40.02 | -41.85 |
| Feldspar | (t) | 21 237 | 30 813 | 29 519 | 13 115 | 26 625 | 25.37 | 103.01 |
| Gypsum | (t) | 217 491 | 230 029 | 267 181 | 229 322 | 273 497 | 25.75 | 19.26 |
| Talc | (t) | 478 | 559 | 0 | 0 | 0 | -100.00 | . |
| Lignite | (t) | 5 056 918 | 4 946 486 | 5 066 083 | 4 532 745 | 4 758 504 | -5.90 | 4.98 |
| Total | (t) | 5 373 379 | 5 290 186 | 5 445 243 | 4 860 699 | 5 139 668 | | |

Norway

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|-----|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Iron | (t) | 992 700 | 1 129 900 | 1 069 700 | 1 014 700 | 1 057 500 | 6.53 | 4.22 |
| Molybdenum | (t) | 0 | 0 | 1 | 1 | 1 | . | 0.00 |
| Nickel | (t) | 190 | 170 | 135 | 120 | 350 | 84.21 | 191.67 |
| Titanium | (t) | 238 200 | 176 370 | 211 280 | 229 780 | 295 610 | 24.10 | 28.65 |
| Aluminium | (t) | 1 253 000 | 1 295 000 | 1 312 000 | 1 330 000 | 1 431 000 | 14.21 | 7.59 |
| Cadmium | (t) | 416 | 380 | 370 | 344 | 390 | -6.25 | 13.37 |
| Bentonite | (t) | 0 | 3 234 | 0 | 0 | 12 803 | . | . |
| Feldspar | (t) | 87 900 | 88 000 | 80 000 | 69 000 | 60 000 | -31.74 | -13.04 |
| Graphite | (t) | 9 600 | 10 000 | 9 780 | 5 549 | 6 293 | -34.45 | 13.41 |
| Gypsum | (t) | 87 891 | 89 655 | 102 100 | 93 602 | 92 794 | 5.58 | -0.86 |
| Salt | (t) | 10 000 | 56 000 | 10 000 | 5 300 | 13 000 | 30.00 | 145.28 |
| Sulfur | (t) | 100 000 | 120 000 | 100 000 | 100 000 | 100 000 | 0.00 | 0.00 |
| Steam Coal | (t) | 134 433 | 154 200 | 117 000 | 63 000 | 121 000 | -9.99 | 92.06 |
| Nat. Gas (Mio m ³) | | 124 664 | 122 203 | 115 123 | 112 332 | 115 178 | -7.61 | 2.53 |
| Petroleum | (t) | 89 849 500 | 84 275 900 | 79 388 000 | 93 492 500 | 95 254 000 | 6.02 | 1.88 |
| Total | (t) | 192 495 030 | 185 161 209 | 174 498 766 | 186 269 496 | 190 587 141 | | |

Oman

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Chromium | (t) | 181 090 | 353 630 | 293 040 | 182 720 | 195 540 | 7.98 | 7.02 |
| Manganese | (t) | 3 400 | 11 170 | 12 500 | 3 630 | 3 760 | 10.59 | 3.58 |
| Aluminium | (t) | 252 714 | 379 775 | 390 515 | 396 929 | 395 360 | 56.45 | -0.40 |

Abbreviations: see Definitions

| | | | | | | | | |
|-----------|-----------------------|------------|------------|------------|------------|------------|--------|--------|
| Gypsum | (t) | 8 438 286 | 9 666 701 | 10 982 900 | 11 120 200 | 13 243 981 | 56.95 | 19.10 |
| Kaolin | (t) | 218 600 | 110 300 | 34 100 | 58 300 | 35 350 | -83.83 | -39.37 |
| Salt | (t) | 18 035 | 11 537 | 15 003 | 11 700 | 10 142 | -43.76 | -13.32 |
| Sulfur | (t) | 59 140 | 84 990 | 79 140 | 80 830 | 87 765 | 48.40 | 8.58 |
| Nat. Gas | (Mio m ³) | 33 172 | 37 660 | 37 460 | 36 110 | 38 400 | 15.76 | 6.34 |
| Petroleum | (t) | 48 308 200 | 48 710 000 | 48 339 100 | 47 374 500 | 48 353 500 | 0.09 | 2.07 |
| Total | (t) | 84 017 065 | 89 456 103 | 90 114 298 | 88 116 809 | 93 045 398 | | |

Pakistan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 190 630 | 257 340 | 238 440 | 218 000 | 306 160 | 60.60 | 40.44 |
| Chromium | (t) | 42 100 | 38 970 | 55 300 | 48 570 | 56 050 | 33.14 | 15.40 |
| Manganese | (t) | 430 | 50 | 190 | 180 | 50 | -88.37 | -72.22 |
| Antimony | (t) | 15 | 20 | 0 | 17 | 33 | 120.00 | 94.12 |
| Bauxite | (t) | 75 375 | 145 189 | 92 936 | 101 047 | 97 495 | 29.35 | -3.52 |
| Copper | (t) | 10 052 | 12 538 | 13 049 | 13 200 | 18 806 | 87.09 | 42.47 |
| Lead | (t) | 3 050 | 4 820 | 8 090 | 7 094 | 7 277 | 138.59 | 2.58 |
| Zinc | (t) | 19 460 | 26 980 | 37 365 | 35 054 | 35 391 | 81.87 | 0.96 |
| Baryte | (t) | 91 711 | 88 847 | 116 480 | 55 341 | 51 553 | -43.79 | -6.84 |
| Bentonite | (t) | 42 770 | 74 268 | 48 332 | 107 742 | 59 744 | 39.69 | -44.55 |
| Feldspar | (t) | 273 468 | 151 743 | 295 381 | 343 075 | 451 985 | 65.28 | 31.75 |
| Fluorspar | (t) | 2 263 | 2 777 | 4 186 | 5 981 | 7 841 | 246.49 | 31.10 |
| Gypsum | (t) | 2 079 629 | 2 475 893 | 2 517 825 | 2 149 873 | 2 527 215 | 21.52 | 17.55 |
| Kaolin | (t) | 28 710 | 19 483 | 20 756 | 14 919 | 12 309 | -57.13 | -17.49 |
| Magnesite | (t) | 19 656 | 23 596 | 42 996 | 16 165 | 15 120 | -23.08 | -6.46 |
| Phosphates | (t) | 11 100 | 12 340 | 17 320 | 15 790 | 21 640 | 94.95 | 37.05 |
| Salt | (t) | 3 806 888 | 3 888 344 | 4 012 304 | 3 483 732 | 3 592 205 | -5.64 | 3.11 |
| Sulfur | (t) | 23 740 | 22 040 | 20 715 | 19 948 | 19 398 | -18.29 | -2.76 |
| Talc | (t) | 152 279 | 141 504 | 158 109 | 150 009 | 289 423 | 90.06 | 92.94 |
| Steam Coal | (t) | 3 953 992 | 4 477 555 | 5 406 878 | 8 599 166 | 9 229 377 | 133.42 | 7.33 |
| Nat. Gas | (Mio m ³) | 41 678 | 41 313 | 40 679 | 37 283 | 36 224 | -13.09 | -2.84 |
| Petroleum | (t) | 4 329 141 | 4 441 610 | 4 433 150 | 3 832 330 | 3 760 980 | -13.12 | -1.86 |
| Uranium | (t) | 53 | 53 | 53 | 53 | 53 | 0.00 | 0.00 |
| Total | (t) | 48 498 912 | 49 356 360 | 50 083 055 | 49 043 686 | 49 539 305 | | |

Panama

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------|------|--------|--------|---------|---------|---------|-----------------|-----------------|
| Copper | (t) | | 0 | 147 480 | 205 548 | 331 000 | . | 61.03 |
| Gold | (kg) | 0 | 0 | 1 869 | 2 633 | 4 405 | . | 67.30 |
| Silver | (kg) | | 0 | 35 217 | 49 628 | 78 419 | . | 58.01 |
| Salt | (t) | 18 590 | 17 281 | 27 389 | 24 958 | 23 593 | 26.91 | -5.47 |
| Total | (t) | 18 590 | 17 281 | 174 906 | 230 559 | 354 675 | | |

Abbreviations: see Definitions

Papua New Guinea

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Chromium | (t) | 34 470 | 40 290 | 52 010 | 52 700 | 43 430 | 25.99 | -17.59 |
| Cobalt | (t) | 3 307 | 3 275 | 2 915 | 2 941 | 2 955 | -10.64 | 0.48 |
| Nickel | (t) | 34 664 | 35 354 | 33 091 | 33 659 | 31 594 | -8.86 | -6.14 |
| Copper | (t) | 105 448 | 96 277 | 99 432 | 82 841 | 66 531 | -36.91 | -19.69 |
| Gold | (kg) | 61 678 | 67 282 | 71 050 | 52 510 | 39 145 | -36.53 | -25.45 |
| Silver | (kg) | 69 650 | 113 890 | 162 630 | 118 193 | 90 200 | 29.50 | -23.68 |
| Nat. Gas | (Mio m ³) | 3 286 | 2 914 | 3 339 | 3 325 | 3 400 | 3.47 | 2.26 |
| Petroleum | (t) | 2 656 600 | 1 898 700 | 1 889 900 | 1 960 100 | 1 842 600 | -30.64 | -5.99 |
| Total | (t) | 5 463 421 | 4 405 277 | 4 748 782 | 4 792 412 | 4 707 239 | | |

Paraguay

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------|-----|--------|--------|--------|--------|--------|-----------------|-----------------|
| Gypsum | (t) | 4 500 | 4 500 | 4 500 | 4 500 | 4 500 | 0.00 | 0.00 |
| Kaolin | (t) | 6 000 | 6 000 | 6 000 | 6 000 | 6 000 | 0.00 | 0.00 |
| Total | (t) | 10 500 | 10 500 | 10 500 | 10 500 | 10 500 | | |

Peru

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|------|-----------|-----------|------------|-----------|------------|-----------------|-----------------|
| Iron | (t) | 8 806 450 | 9 533 870 | 10 120 007 | 8 893 972 | 12 149 274 | 37.96 | 36.60 |
| Manganese | (t) | 1 133 | 17 203 | 18 814 | 10 120 | 9 073 | 700.79 | -10.35 |
| Molybdenum | (t) | 28 141 | 28 034 | 30 441 | 32 185 | 34 148 | 21.35 | 6.10 |
| Arsenic | (t) | 22 403 | 20 376 | 24 915 | 19 014 | 21 872 | -2.37 | 15.03 |
| Bismuth | (t) | 123 | 145 | 73 | 74 | 248 | 101.63 | 235.14 |
| Cadmium | (t) | 797 | 765 | 772 | 451 | 279 | -64.99 | -38.14 |
| Copper | (t) | 2 445 585 | 2 437 035 | 2 455 440 | 2 150 126 | 2 299 277 | -5.98 | 6.94 |
| Indium | (t) | 5 | 5 | 7 | 7 | 7 | 40.00 | 0.00 |
| Lead | (t) | 306 784 | 289 123 | 308 116 | 241 548 | 264 162 | -13.89 | 9.36 |
| Selenium | (t) | 49 | 52 | 56 | 53 | 48 | -2.04 | -9.43 |
| Tin | (t) | 17 790 | 18 601 | 19 853 | 20 647 | 26 995 | 51.74 | 30.75 |
| Zinc | (t) | 1 473 073 | 1 474 674 | 1 404 382 | 1 334 570 | 1 532 173 | 4.01 | 14.81 |
| Gold | (kg) | 151 964 | 140 211 | 128 413 | 88 054 | 97 339 | -35.95 | 10.54 |
| Silver | (kg) | 4 417 987 | 4 160 162 | 3 860 306 | 2 723 879 | 3 310 192 | -25.07 | 21.52 |
| Baryte | (t) | 9 182 | 15 621 | 16 373 | 5 242 | 10 361 | 12.84 | 97.65 |
| Bentonite | (t) | 756 | 2 383 | 46 887 | 25 532 | 56 199 | 7 333.73 | 120.11 |
| Boron | (t) | 0 | 100 552 | 111 108 | 43 645 | 246 362 | . | 464.47 |
| Diatomite | (t) | 96 590 | 96 532 | 91 103 | 85 406 | 94 860 | -1.79 | 11.07 |
| Feldspar | (t) | 14 930 | 31 588 | 29 134 | 24 132 | 27 274 | 82.68 | 13.02 |
| Gypsum | (t) | 286 657 | 458 479 | 254 382 | 171 093 | 435 459 | 51.91 | 154.52 |
| Kaolin | (t) | 17 700 | 16 004 | 9 208 | 12 536 | 13 142 | -25.75 | 4.83 |

Abbreviations: see Definitions

| | | | | | | | | |
|------------|-----------------------|------------|------------|------------|------------|------------|--------|-------|
| Phosphates | (t) | 3 211 140 | 3 917 140 | 4 214 770 | 3 265 790 | 4 094 930 | 27.52 | 25.39 |
| Salt | (t) | 1 481 398 | 1 509 564 | 1 266 347 | 1 030 598 | 1 175 828 | -20.63 | 14.09 |
| Sulfur | (t) | 536 200 | 552 800 | 511 500 | 474 500 | 529 900 | -1.17 | 11.68 |
| Talc | (t) | 42 123 | 47 309 | 43 974 | 37 938 | 50 355 | 19.54 | 32.73 |
| Steam Coal | (t) | 301 446 | 218 787 | 181 023 | 131 516 | 146 982 | -51.24 | 11.76 |
| Nat. Gas | (Mio m ³) | 12 942 | 12 721 | 13 429 | 12 030 | 11 375 | -12.11 | -5.44 |
| Petroleum | (t) | 6 688 300 | 6 688 500 | 6 956 200 | 6 221 400 | 5 949 800 | -11.04 | -4.37 |
| Total | (t) | 36 146 925 | 37 656 242 | 38 862 073 | 33 858 907 | 38 272 415 | | |

Philippines

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 0 | 0 | 0 | 25 700 | 46 500 | . | 80.93 |
| Chromium | (t) | 8 340 | 20 260 | 14 570 | 14 040 | 12 290 | 47.36 | -12.46 |
| Cobalt | (t) | 3 700 | 3 600 | 3 750 | 3 600 | 3 200 | -13.51 | -11.11 |
| Nickel | (t) | 339 377 | 344 966 | 323 325 | 328 911 | 386 359 | 13.84 | 17.47 |
| Copper | (t) | 68 156 | 69 933 | 71 892 | 60 856 | 51 586 | -24.31 | -15.23 |
| Selenium | (t) | 100 | 100 | 100 | 100 | 200 | 100.00 | 100.00 |
| Gold | (kg) | 22 749 | 20 765 | 20 687 | 21 030 | 25 332 | 11.35 | 20.46 |
| Silver | (kg) | 31 737 | 29 782 | 31 267 | 24 024 | 30 856 | -2.78 | 28.44 |
| Bentonite | (t) | 2 620 | 10 800 | 13 050 | 4 720 | 6 059 | 131.26 | 28.37 |
| Feldspar | (t) | 47 000 | 47 000 | 47 000 | 47 000 | 47 000 | 0.00 | 0.00 |
| Kaolin | (t) | 7 340 | 13 000 | 15 000 | 40 200 | 27 700 | 277.38 | -31.09 |
| Magnesite | (t) | 200 | 140 | 40 | 0 | 0 | -100.00 | . |
| Perlite | (t) | 15 038 | 7 329 | 6 608 | 0 | 4 631 | -69.20 | . |
| Phosphates | (t) | 8 600 | 1 500 | 200 | 200 | 0 | -100.00 | -100.00 |
| Salt | (t) | 1 250 000 | 600 000 | 200 000 | 200 000 | 100 000 | -92.00 | -50.00 |
| Sulfur | (t) | 1 056 400 | 1 321 800 | 716 100 | 575 900 | 600 000 | -43.20 | 4.18 |
| Steam Coal | (t) | 11 932 000 | 13 055 840 | 15 273 525 | 13 267 098 | 14 378 268 | 20.50 | 8.38 |
| Nat. Gas | (Mio m ³) | 3 922 | 4 270 | 4 409 | 4 013 | 3 429 | -12.57 | -14.55 |
| Petroleum | (t) | 750 200 | 728 300 | 652 300 | 572 100 | 486 800 | -35.11 | -14.91 |
| Total | (t) | 18 626 726 | 19 640 619 | 20 864 712 | 18 350 870 | 18 893 849 | | |

Poland

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|----------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Nickel | (t) | 720 | 660 | 755 | 710 | 740 | 2.78 | 4.23 |
| Cadmium | (t) | 309 | 305 | 199 | 80 | 292 | -5.50 | 265.00 |
| Copper | (t) | 419 300 | 401 300 | 398 900 | 392 700 | 391 300 | -6.68 | -0.36 |
| Lead | (t) | 39 000 | 40 210 | 48 510 | 46 790 | 29 430 | -24.54 | -37.10 |
| Rhenium | (kg) | 7 564 | 6 290 | 5 770 | 6 580 | 6 401 | -15.38 | -2.72 |
| Selenium | (t) | 74 | 66 | 76 | 74 | 66 | -10.81 | -10.81 |
| Zinc | (t) | 50 000 | 43 000 | 40 000 | 43 000 | 0 | -100.00 | -100.00 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|------|-------------|-------------|-------------|-------------|-------------|--------|--------|
| Gold | (kg) | 572 | 523 | 674 | 878 | 768 | 34.27 | -12.53 |
| Palladium | (kg) | 7 | 5 | 5 | 4 | 4 | -42.86 | 0.00 |
| Platinum | (kg) | 11 | 8 | 8 | 6 | 5 | -54.55 | -16.67 |
| Silver | (kg) | 1 289 900 | 1 264 300 | 1 249 000 | 1 218 200 | 1 302 900 | 1.01 | 6.95 |
| Bentonite | (t) | 0 | 560 | 500 | 920 | 500 | . | -45.65 |
| Diatomite | (t) | 500 | 580 | 680 | 810 | 980 | 96.00 | 20.99 |
| Feldspar | (t) | 91 200 | 71 480 | 42 160 | 29 440 | 11 110 | -87.82 | -62.26 |
| Gypsum | (t) | 1 108 000 | 1 042 000 | 1 065 000 | 1 057 000 | 1 123 000 | 1.35 | 6.24 |
| Kaolin | (t) | 284 650 | 310 850 | 317 190 | 292 940 | 315 040 | 10.68 | 7.54 |
| Magnesite | (t) | 101 920 | 102 110 | 91 490 | 65 250 | 65 820 | -35.42 | 0.87 |
| Salt | (t) | 4 660 000 | 4 125 000 | 4 063 000 | 3 638 000 | 5 369 000 | 15.21 | 47.58 |
| Sulfur | (t) | 1 321 410 | 1 250 400 | 1 210 240 | 1 011 080 | 1 058 800 | -19.87 | 4.72 |
| Steam Coal | (t) | 52 999 300 | 51 336 590 | 49 552 170 | 42 111 970 | 42 421 560 | -19.96 | 0.74 |
| Coking Coal | (t) | 12 480 640 | 12 047 000 | 12 071 220 | 12 273 960 | 12 584 820 | 0.83 | 2.53 |
| Lignite | (t) | 61 160 660 | 58 570 900 | 50 328 580 | 45 983 410 | 52 355 510 | -14.40 | 13.86 |
| Nat. Gas (Mio m ³) | | 5 009 | 4 926 | 4 976 | 4 934 | 4 860 | -2.97 | -1.50 |
| Petroleum | (t) | 939 240 | 937 040 | 936 760 | 911 430 | 858 030 | -8.65 | -5.86 |
| Total | (t) | 139 665 422 | 134 222 122 | 124 149 486 | 111 807 990 | 120 475 308 | | |

Portugal

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|----------|------|---------|-----------|---------|---------|-----------|-----------------|-----------------|
| Tungsten | (t) | 669 | 716 | 518 | 553 | 542 | -18.98 | -1.99 |
| Copper | (t) | 63 812 | 49 064 | 41 553 | 32 230 | 39 443 | -38.19 | 22.38 |
| Lead | (t) | 5 164 | 19 440 | 27 852 | 28 178 | 29 526 | 471.77 | 4.78 |
| Lithium | (t) | 604 | 914 | 710 | 280 | 225 | -62.75 | -19.64 |
| Tin | (t) | 81 | 111 | 108 | 104 | 60 | -25.93 | -42.31 |
| Zinc | (t) | 71 357 | 144 983 | 161 569 | 176 849 | 188 395 | 164.02 | 6.53 |
| Silver | (kg) | 40 186 | 90 760 | 95 270 | 95 954 | 97 945 | 143.73 | 2.07 |
| Feldspar | (t) | 126 211 | 130 475 | 106 754 | 122 969 | 145 362 | 15.17 | 18.21 |
| Gypsum | (t) | 152 059 | 232 921 | 209 076 | 210 231 | 254 913 | 67.64 | 21.25 |
| Kaolin | (t) | 307 982 | 374 029 | 311 677 | 320 655 | 387 223 | 25.73 | 20.76 |
| Salt | (t) | 122 331 | 100 825 | 112 215 | 97 104 | 94 778 | -22.52 | -2.40 |
| Talc | (t) | 13 600 | 10 144 | 12 901 | 9 751 | 8 277 | -39.14 | -15.12 |
| Total | (t) | 863 910 | 1 063 713 | 985 028 | 999 000 | 1 148 842 | | |

Qatar

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|-----|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Aluminium | (t) | 620 000 | 616 000 | 627 400 | 631 400 | 634 270 | 2.30 | 0.45 |
| Sulfur | (t) | 2 000 000 | 1 767 000 | 2 050 000 | 1 650 000 | 2 100 000 | 5.00 | 27.27 |
| Nat. Gas (Mio m ³) | | 166 500 | 165 600 | 167 610 | 166 740 | 169 152 | 1.59 | 1.45 |
| Petroleum | (t) | 77 488 690 | 79 223 750 | 76 220 160 | 74 399 870 | 75 847 230 | -2.12 | 1.95 |
| Total | (t) | 213 308 690 | 214 086 750 | 212 985 560 | 210 073 270 | 213 903 100 | | |

Abbreviations: see Definitions

Romania

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Manganese | (t) | 5 660 | 5 150 | 9 290 | 8 450 | 6 600 | 16.61 | -21.89 |
| Aluminium | (t) | 282 074 | 282 810 | 280 326 | 271 307 | 293 399 | 4.01 | 8.14 |
| Copper | (t) | 8 160 | 8 555 | 9 180 | 9 130 | 9 240 | 13.24 | 1.20 |
| Lead | (t) | 720 | 1 200 | 520 | 510 | 690 | -4.17 | 35.29 |
| Zinc | (t) | 770 | 330 | 1 260 | 100 | 100 | -87.01 | 0.00 |
| Gold | (kg) | 960 | 900 | 500 | 500 | 500 | -47.92 | 0.00 |
| Silver | (kg) | 18 000 | 18 000 | 18 000 | 18 000 | 18 000 | 0.00 | 0.00 |
| Bentonite | (t) | 28 005 | 34 809 | 41 964 | 45 495 | 54 648 | 95.14 | 20.12 |
| Feldspar | (t) | 5 000 | 20 000 | 20 000 | 20 000 | 20 000 | 300.00 | 0.00 |
| Gypsum | (t) | 764 786 | 749 668 | 878 546 | 925 782 | 952 617 | 24.56 | 2.90 |
| Kaolin | (t) | 31 000 | 7 220 | 6 089 | 0 | 0 | -100.00 | . |
| Salt | (t) | 2 340 000 | 2 374 973 | 2 015 579 | 1 175 979 | 1 328 738 | -43.22 | 12.99 |
| Lignite | (t) | 25 752 300 | 23 647 150 | 21 652 320 | 15 030 906 | 17 733 034 | -31.14 | 17.98 |
| Nat. Gas | (Mio m ³) | 10 582 | 10 278 | 9 959 | 8 914 | 8 938 | -15.54 | 0.27 |
| Petroleum | (t) | 3 635 000 | 3 577 000 | 3 568 000 | 3 457 000 | 3 319 000 | -8.69 | -3.99 |
| Total | (t) | 41 319 094 | 38 931 284 | 36 450 293 | 28 075 878 | 30 868 485 | | |

Russia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 62 186 000 | 64 192 000 | 65 726 000 | 65 372 000 | 59 375 800 | -4.52 | -9.17 |
| Chromium | (t) | 170 800 | 177 500 | 175 000 | 187 000 | 167 360 | -2.01 | -10.50 |
| Cobalt | (t) | 8 900 | 8 700 | 9 400 | 9 700 | 8 100 | -8.99 | -16.49 |
| Manganese | (t) | 0 | 8 600 | 5 900 | 28 200 | 10 700 | . | -62.06 |
| Molybdenum | (t) | 3 227 | 2 262 | 1 989 | 1 707 | 1 700 | -47.32 | -0.41 |
| Nickel | (t) | 223 000 | 238 800 | 233 800 | 234 100 | 192 000 | -13.90 | -17.98 |
| Niobium | (t) | 648 | 669 | 659 | 617 | 648 | 0.00 | 5.02 |
| Tantalum | (t) | 45 | 44 | 32 | 60 | 39 | -13.33 | -35.00 |
| Titanium | (t) | 2 900 | 3 000 | 3 100 | 3 000 | 4 400 | 51.72 | 46.67 |
| Tungsten | (t) | 2 144 | 2 234 | 2 433 | 2 274 | 1 900 | -11.38 | -16.45 |
| Vanadium | (t) | 18 636 | 17 052 | 18 380 | 19 533 | 20 058 | 7.63 | 2.69 |
| Aluminium | (t) | 3 583 000 | 3 774 000 | 3 894 400 | 3 928 800 | 3 931 000 | 9.71 | 0.06 |
| Antimony | (t) | 6 120 | 30 828 | 21 671 | 17 532 | 9 750 | 59.31 | -44.39 |
| Arsenic | (t) | 1 000 | 500 | 102 | 500 | 1 000 | 0.00 | 100.00 |
| Bauxite | (t) | 5 845 000 | 7 057 000 | 6 641 000 | 6 647 000 | 6 565 000 | 12.32 | -1.23 |
| Bismuth | (t) | 30 | 15 | 46 | 45 | 45 | 50.00 | 0.00 |
| Cadmium | (t) | 1 176 | 1 201 | 1 000 | 1 000 | 1 000 | -14.97 | 0.00 |
| Copper | (t) | 761 100 | 870 500 | 812 400 | 924 100 | 934 000 | 22.72 | 1.07 |
| Gallium | (t) | 5 | 6 | 8 | 5 | 5 | 0.00 | 0.00 |
| Germanium | (t) | 6 | 6 | 5 | 5 | 5 | -16.67 | 0.00 |
| Indium | (t) | 5 | 4 | 6 | 10 | 10 | 100.00 | 0.00 |
| Lead | (t) | 204 700 | 206 100 | 207 900 | 200 700 | 199 500 | -2.54 | -0.60 |
| Mercury | (t) | 50 | 50 | 50 | 30 | 30 | -40.00 | 0.00 |
| Rare Earths | (t) | 2 500 | 2 596 | 2 620 | 2 663 | 2 276 | -8.96 | -14.53 |
| Rhenium | (kg) | 1 500 | 1 000 | 1 000 | 2 000 | 2 000 | 33.33 | 0.00 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|------|---------------|---------------|---------------|---------------|---------------|----------|--------|
| Selenium | (t) | 194 | 185 | 193 | 195 | 230 | 18.56 | 17.95 |
| Tellurium | (t) | 44 | 35 | 38 | 55 | 60 | 36.36 | 9.09 |
| Tin | (t) | 1 011 | 1 531 | 2 471 | 2 559 | 3 317 | 228.09 | 29.62 |
| Zinc | (t) | 255 200 | 288 000 | 275 400 | 260 700 | 306 000 | 19.91 | 17.38 |
| Gold | (kg) | 270 300 | 279 850 | 305 050 | 308 560 | 313 830 | 16.10 | 1.71 |
| Palladium | (kg) | 76 270 | 92 570 | 92 900 | 81 990 | 83 630 | 9.65 | 2.00 |
| Platinum | (kg) | 22 400 | 21 370 | 22 420 | 21 740 | 19 840 | -11.43 | -8.74 |
| Rhodium | (kg) | 2 426 | 2 146 | 2 115 | 1 800 | 1 650 | -31.99 | -8.33 |
| Silver | (kg) | 1 373 000 | 1 400 100 | 1 407 000 | 1 380 000 | 1 280 000 | -6.77 | -7.25 |
| Asbestos | (t) | 710 250 | 752 917 | 789 600 | 707 811 | 750 000 | 5.60 | 5.96 |
| Baryte | (t) | 221 000 | 265 300 | 163 000 | 265 000 | 252 000 | 14.03 | -4.91 |
| Bentonite | (t) | 669 700 | 714 000 | 720 000 | 720 000 | 500 000 | -25.34 | -30.56 |
| Boron | (t) | 82 500 | 88 000 | 81 800 | 85 500 | 89 600 | 8.61 | 4.80 |
| Diam. (Gem) | (ct) | 21 860 500 | 22 973 133 | 25 804 591 | 18 711 931 | 23 470 180 | 7.36 | 25.43 |
| Diam. (Ind) | (ct) | 20 754 280 | 20 187 926 | 19 466 621 | 12 474 620 | 15 646 790 | -24.61 | 25.43 |
| Diatomite | (t) | 52 000 | 50 600 | 51 000 | 51 000 | 176 800 | 240.00 | 246.67 |
| Feldspar | (t) | 293 300 | 281 300 | 281 300 | 290 000 | 290 000 | -1.13 | 0.00 |
| Fluorspar | (t) | 2 700 | 6 000 | 4 000 | 32 000 | 76 000 | 2 714.81 | 137.50 |
| Graphite | (t) | 19 500 | 11 900 | 17 500 | 12 900 | 17 300 | -11.28 | 34.11 |
| Gypsum | (t) | 3 750 000 | 5 453 400 | 4 179 300 | 4 060 000 | 4 629 000 | 23.44 | 14.01 |
| Kaolin | (t) | 1 593 000 | 1 485 900 | 1 530 800 | 2 478 000 | 2 193 800 | 37.72 | -11.47 |
| Magnesite | (t) | 1 397 000 | 1 571 400 | 1 013 800 | 1 281 400 | 1 108 700 | -20.64 | -13.48 |
| Perlite | (t) | 45 000 | 45 000 | 45 000 | 45 000 | 45 000 | 0.00 | 0.00 |
| Phosphates | (t) | 5 148 000 | 5 304 000 | 5 382 000 | 5 382 000 | 5 517 800 | 7.18 | 2.52 |
| Potash | (t) | 7 300 000 | 7 055 000 | 7 368 000 | 8 194 200 | 8 890 000 | 21.78 | 8.49 |
| Salt | (t) | 7 073 000 | 6 710 000 | 8 175 000 | 6 026 000 | 8 242 000 | 16.53 | 36.77 |
| Sulfur | (t) | 7 000 000 | 7 170 000 | 7 175 000 | 6 850 000 | 4 690 900 | -32.99 | -31.52 |
| Talc | (t) | 20 000 | 12 500 | 48 000 | 104 000 | 50 000 | 150.00 | -51.92 |
| Vermiculite | (t) | 14 400 | 25 904 | 29 237 | 28 442 | 39 804 | 176.42 | 39.95 |
| Zircon | (t) | 7 324 | 7 400 | 6 300 | 6 000 | 6 700 | -8.52 | 11.67 |
| Steam Coal | (t) | 253 700 000 | 271 200 000 | 266 700 000 | 241 300 000 | 261 646 600 | 3.13 | 8.43 |
| Coking Coal | (t) | 85 300 000 | 89 800 000 | 93 900 000 | 88 200 000 | 99 800 000 | 17.00 | 13.15 |
| Lignite | (t) | 72 200 000 | 78 300 000 | 80 800 000 | 72 600 000 | 75 200 000 | 4.16 | 3.58 |
| Nat. Gas (Mio m ³) | | 680 800 | 711 500 | 718 960 | 680 100 | 757 700 | 11.30 | 11.41 |
| Petroleum | (t) | 546 742 200 | 555 833 900 | 560 256 690 | 512 761 000 | 524 050 000 | -4.15 | 2.20 |
| Uranium | (t) | 3 440 | 3 424 | 3 433 | 3 356 | 3 107 | -9.68 | -7.42 |
| Total | (t) | 1 611 263 510 | 1 678 233 069 | 1 691 926 602 | 1 573 409 502 | 1 676 162 754 | | |

Russia, Asia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 15 546 500 | 17 331 800 | 18 403 300 | 18 957 900 | 17 219 000 | 10.76 | -9.17 |
| Cobalt | (t) | 2 620 | 2 940 | 2 720 | 2 560 | 1 950 | -25.57 | -23.83 |
| Molybdenum | (t) | 3 227 | 2 262 | 1 989 | 1 707 | 1 700 | -47.32 | -0.41 |
| Nickel | (t) | 65 600 | 80 800 | 67 540 | 61 740 | 46 200 | -29.57 | -25.17 |
| Tungsten | (t) | 2 144 | 2 234 | 2 433 | 2 274 | 1 900 | -11.38 | -16.45 |
| Aluminium | (t) | 3 486 000 | 3 632 000 | 3 752 900 | 3 788 900 | 3 797 800 | 8.94 | 0.23 |
| Antimony | (t) | 6 120 | 30 828 | 21 671 | 17 532 | 9 750 | 59.31 | -44.39 |
| Arsenic | (t) | 1 000 | 500 | 102 | 500 | 1 000 | 0.00 | 100.00 |
| Bismuth | (t) | 30 | 15 | 46 | 45 | 45 | 50.00 | 0.00 |
| Cadmium | (t) | 1 176 | 1 201 | 1 000 | 1 000 | 1 000 | -14.97 | 0.00 |
| Copper | (t) | 608 880 | 696 400 | 649 920 | 739 280 | 747 000 | 22.68 | 1.04 |
| Germanium | (t) | 6 | 6 | 5 | 5 | 5 | -16.67 | 0.00 |
| Indium | (t) | 5 | 4 | 6 | 10 | 10 | 100.00 | 0.00 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|------|---------------|---------------|---------------|---------------|---------------|----------|--------|
| Lead | (t) | 204 700 | 206 100 | 207 900 | 200 700 | 199 500 | -2.54 | -0.60 |
| Mercury | (t) | 50 | 50 | 50 | 30 | 30 | -40.00 | 0.00 |
| Selenium | (t) | 194 | 185 | 193 | 195 | 230 | 18.56 | 17.95 |
| Tellurium | (t) | 44 | 35 | 38 | 55 | 60 | 36.36 | 9.09 |
| Tin | (t) | 1 011 | 1 531 | 2 471 | 2 559 | 3 317 | 228.09 | 29.62 |
| Zinc | (t) | 255 200 | 250 560 | 242 350 | 221 600 | 260 000 | 1.88 | 17.33 |
| Gold | (kg) | 251 380 | 274 450 | 300 750 | 301 660 | 306 830 | 22.06 | 1.71 |
| Palladium | (kg) | 22 240 | 40 190 | 36 110 | 31 290 | 36 070 | 62.19 | 15.28 |
| Platinum | (kg) | 10 430 | 9 490 | 8 770 | 9 610 | 8 540 | -18.12 | -11.13 |
| Rhodium | (kg) | 2 426 | 2 146 | 2 115 | 1 800 | 1 650 | -31.99 | -8.33 |
| Silver | (kg) | 1 373 000 | 1 331 600 | 1 354 200 | 1 297 800 | 1 200 000 | -12.60 | -7.54 |
| Asbestos | (t) | 293 330 | 314 217 | 315 300 | 287 371 | 321 000 | 9.43 | 11.70 |
| Baryte | (t) | 221 000 | 265 300 | 163 000 | 265 000 | 252 000 | 14.03 | -4.91 |
| Bentonite | (t) | 468 800 | 499 800 | 492 900 | 500 000 | 470 000 | 0.26 | -6.00 |
| Boron | (t) | 82 500 | 88 000 | 81 800 | 85 500 | 89 600 | 8.61 | 4.80 |
| Diam. (Gem) | (ct) | 18 966 170 | 17 624 988 | 19 525 587 | 16 339 353 | 17 278 180 | -8.90 | 5.75 |
| Diam. (Ind) | (ct) | 18 006 413 | 15 488 177 | 14 729 829 | 10 892 902 | 11 518 790 | -36.03 | 5.75 |
| Feldspar | (t) | 288 900 | 275 700 | 281 300 | 290 000 | 290 000 | 0.38 | 0.00 |
| Fluorspar | (t) | 2 700 | 6 000 | 4 000 | 32 000 | 76 000 | 2 714.81 | 137.50 |
| Graphite | (t) | 19 500 | 11 900 | 17 500 | 12 900 | 17 300 | -11.28 | 34.11 |
| Talc | (t) | 20 000 | 12 500 | 38 000 | 42 000 | 40 000 | 100.00 | -4.76 |
| Steam Coal | (t) | 253 700 000 | 271 200 000 | 266 700 000 | 241 300 000 | 261 646 600 | 3.13 | 8.43 |
| Coking Coal | (t) | 85 300 000 | 89 800 000 | 93 900 000 | 88 200 000 | 99 800 000 | 17.00 | 13.15 |
| Lignite | (t) | 64 980 000 | 70 470 000 | 72 720 000 | 65 340 000 | 67 680 000 | 4.16 | 3.58 |
| Nat. Gas (Mio m ³) | | 646 760 | 675 920 | 683 010 | 646 100 | 719 800 | 11.29 | 11.41 |
| Petroleum | (t) | 360 849 850 | 389 083 730 | 448 205 350 | 410 208 800 | 419 240 000 | 16.18 | 2.20 |
| Uranium | (t) | 3 440 | 3 424 | 3 433 | 3 356 | 3 107 | -9.68 | -7.42 |
| Total | (t) | 1 303 824 193 | 1 385 007 686 | 1 452 688 926 | 1 347 447 167 | 1 448 057 663 | | |

Russia, Europe

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 46 639 500 | 46 860 200 | 47 322 700 | 46 414 100 | 42 156 800 | -9.61 | -9.17 |
| Chromium | (t) | 170 800 | 177 500 | 175 000 | 187 000 | 167 360 | -2.01 | -10.50 |
| Cobalt | (t) | 6 280 | 5 760 | 6 680 | 7 140 | 6 150 | -2.07 | -13.87 |
| Manganese | (t) | 0 | 8 600 | 5 900 | 28 200 | 10 700 | . | -62.06 |
| Nickel | (t) | 157 400 | 158 000 | 166 260 | 172 360 | 145 800 | -7.37 | -15.41 |
| Niobium | (t) | 648 | 669 | 659 | 617 | 648 | 0.00 | 5.02 |
| Tantalum | (t) | 45 | 44 | 32 | 60 | 39 | -13.33 | -35.00 |
| Titanium | (t) | 2 900 | 3 000 | 3 100 | 3 000 | 4 400 | 51.72 | 46.67 |
| Vanadium | (t) | 18 636 | 17 052 | 18 380 | 19 533 | 20 058 | 7.63 | 2.69 |
| Aluminium | (t) | 97 000 | 142 000 | 141 500 | 139 900 | 133 200 | 37.32 | -4.79 |
| Bauxite | (t) | 5 845 000 | 7 057 000 | 6 641 000 | 6 647 000 | 6 565 000 | 12.32 | -1.23 |
| Copper | (t) | 152 220 | 174 100 | 162 480 | 184 820 | 187 000 | 22.85 | 1.18 |
| Gallium | (t) | 5 | 6 | 8 | 5 | 5 | 0.00 | 0.00 |
| Rare Earths | (t) | 2 500 | 2 596 | 2 620 | 2 663 | 2 276 | -8.96 | -14.53 |
| Rhenium | (kg) | 1 500 | 1 000 | 1 000 | 2 000 | 2 000 | 33.33 | 0.00 |
| Zinc | (t) | | 37 440 | 33 050 | 39 100 | 46 000 | . | 17.65 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|------|-------------|-------------|-------------|-------------|-------------|---------|--------|
| Gold | (kg) | 18 920 | 5 400 | 4 300 | 6 900 | 7 000 | -63.00 | 1.45 |
| Palladium | (kg) | 54 030 | 52 380 | 56 790 | 50 700 | 47 560 | -11.97 | -6.19 |
| Platinum | (kg) | 11 970 | 11 880 | 13 650 | 12 130 | 11 300 | -5.60 | -6.84 |
| Silver | (kg) | 0 | 68 500 | 52 800 | 82 200 | 80 000 | . | -2.68 |
| Asbestos | (t) | 416 920 | 438 700 | 474 300 | 420 440 | 429 000 | 2.90 | 2.04 |
| Bentonite | (t) | 200 900 | 214 200 | 227 100 | 220 000 | 30 000 | -85.07 | -86.36 |
| Diam. (Gem) | (ct) | 2 894 330 | 5 348 145 | 6 279 004 | 2 372 578 | 6 192 000 | 113.94 | 160.98 |
| Diam. (Ind) | (ct) | 2 747 867 | 4 699 749 | 4 736 792 | 1 581 718 | 4 128 000 | 50.23 | 160.98 |
| Diatomite | (t) | 52 000 | 50 600 | 51 000 | 51 000 | 176 800 | 240.00 | 246.67 |
| Feldspar | (t) | 4 400 | 5 600 | 0 | 0 | 0 | -100.00 | . |
| Gypsum | (t) | 3 750 000 | 5 453 400 | 4 179 300 | 4 060 000 | 4 629 000 | 23.44 | 14.01 |
| Kaolin | (t) | 1 593 000 | 1 485 900 | 1 530 800 | 2 478 000 | 2 193 800 | 37.72 | -11.47 |
| Magnesite | (t) | 1 397 000 | 1 571 400 | 1 013 800 | 1 281 400 | 1 108 700 | -20.64 | -13.48 |
| Perlite | (t) | 45 000 | 45 000 | 45 000 | 45 000 | 45 000 | 0.00 | 0.00 |
| Phosphates | (t) | 5 148 000 | 5 304 000 | 5 382 000 | 5 382 000 | 5 517 800 | 7.18 | 2.52 |
| Potash | (t) | 7 300 000 | 7 055 000 | 7 368 000 | 8 194 200 | 8 890 000 | 21.78 | 8.49 |
| Salt | (t) | 7 073 000 | 6 710 000 | 8 175 000 | 6 026 000 | 8 242 000 | 16.53 | 36.77 |
| Sulfur | (t) | 7 000 000 | 7 170 000 | 7 175 000 | 6 850 000 | 4 690 900 | -32.99 | -31.52 |
| Talc | (t) | | | 10 000 | 62 000 | 10 000 | . | -83.87 |
| Vermiculite | (t) | 14 400 | 25 904 | 29 237 | 28 442 | 39 804 | 176.42 | 39.95 |
| Zircon | (t) | 7 324 | 7 400 | 6 300 | 6 000 | 6 700 | -8.52 | 11.67 |
| Lignite | (t) | 7 220 000 | 7 830 000 | 8 080 000 | 7 260 000 | 7 520 000 | 4.16 | 3.58 |
| Nat. Gas (Mio m ³) | | 34 040 | 35 580 | 35 950 | 34 000 | 37 900 | 11.34 | 11.47 |
| Petroleum | (t) | 185 892 350 | 166 750 170 | 112 051 340 | 102 552 200 | 104 810 000 | -43.62 | 2.20 |
| Total | (t) | 307 439 317 | 293 225 381 | 239 237 677 | 225 962 335 | 228 105 090 | | |

Rwanda

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|-------|-------|-------|-------|-------|-----------------|-----------------|
| Niobium | (t) | 260 | 245 | 205 | 160 | 160 | -38.46 | 0.00 |
| Tantalum | (t) | 395 | 380 | 315 | 240 | 245 | -37.97 | 2.08 |
| Tungsten | (t) | 905 | 1 155 | 1 120 | 990 | 1 545 | 70.72 | 56.06 |
| Beryllium | (t) | 30 | 30 | 20 | 20 | 20 | -33.33 | 0.00 |
| Tin | (t) | 3 430 | 3 405 | 2 780 | 2 030 | 2 260 | -34.11 | 11.33 |
| Gold | (kg) | 2 000 | 2 163 | 2 000 | 2 000 | 2 000 | 0.00 | 0.00 |
| Total | (t) | 5 022 | 5 217 | 4 442 | 3 442 | 4 232 | | |

Saudi Arabia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Iron | (t) | 266 800 | 280 100 | 294 100 | 275 000 | 288 700 | 8.21 | 4.98 |
| Aluminium | (t) | 762 068 | 775 500 | 775 561 | 796 004 | 998 915 | 31.08 | 25.49 |
| Bauxite | (t) | 4 125 000 | 4 906 000 | 5 127 000 | 5 227 927 | 5 488 000 | 33.04 | 4.97 |
| Copper | (t) | 43 150 | 59 200 | 66 610 | 75 370 | 75 180 | 74.23 | -0.25 |
| Zinc | (t) | 21 787 | 27 100 | 27 270 | 26 790 | 22 710 | 4.24 | -15.23 |
| Gold | (kg) | 10 465 | 13 397 | 12 418 | 13 222 | 12 413 | 18.61 | -6.12 |
| Silver | (kg) | 5 133 | 6 480 | 7 123 | 7 479 | 6 818 | 32.83 | -8.84 |

Abbreviations: see Definitions

| | | | | | | | | |
|------------|-----------------------|-------------|-------------|-------------|-------------|-------------|--------|-------|
| Feldspar | (t) | 197 000 | 175 594 | 216 000 | 523 000 | 549 000 | 178.68 | 4.97 |
| Gypsum | (t) | 3 150 000 | 3 352 832 | 3 472 000 | 3 803 000 | 3 993 000 | 26.76 | 5.00 |
| Kaolin | (t) | 206 000 | 207 461 | 227 000 | 213 000 | 224 000 | 8.74 | 5.16 |
| Magnesite | (t) | 104 132 | 155 000 | 200 000 | 250 000 | 250 000 | 140.08 | 0.00 |
| Phosphates | (t) | 1 701 000 | 1 827 000 | 2 275 000 | 2 600 000 | 2 730 000 | 60.49 | 5.00 |
| Salt | (t) | 2 520 000 | 2 646 000 | 2 778 000 | 2 220 000 | 2 331 000 | -7.50 | 5.00 |
| Sulfur | (t) | 6 564 200 | 6 600 000 | 6 600 000 | 6 600 000 | 6 600 000 | 0.55 | 0.00 |
| Talc | (t) | 44 000 | 46 000 | 48 000 | 61 000 | 64 000 | 45.45 | 4.92 |
| Nat. Gas | (Mio m ³) | 115 000 | 118 000 | 117 000 | 119 000 | 120 485 | 4.77 | 1.25 |
| Petroleum | (t) | 559 319 390 | 576 817 650 | 556 564 010 | 519 613 000 | 515 878 200 | -7.77 | -0.72 |
| Total | (t) | 671 024 542 | 692 275 456 | 672 270 570 | 637 484 111 | 635 880 724 | | |

Senegal

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Manganese | (t) | 1 520 | 3 330 | 1 880 | 6 580 | 4 040 | 165.79 | -38.60 |
| Titanium | (t) | 280 320 | 287 940 | 281 030 | 291 740 | 310 310 | 10.70 | 6.37 |
| Gold | (kg) | 7 255 | 12 508 | 14 550 | 12 408 | 14 678 | 102.32 | 18.29 |
| Silver | (kg) | 660 | 940 | 898 | 1 090 | 1 310 | 98.48 | 20.18 |
| Phosphates | (t) | 841 020 | 775 410 | 855 850 | 684 300 | 792 800 | -5.73 | 15.86 |
| Salt | (t) | 265 040 | 245 700 | 286 100 | 290 873 | 280 599 | 5.87 | -3.53 |
| Zircon | (t) | 81 749 | 93 569 | 80 747 | 83 257 | 90 760 | 11.02 | 9.01 |
| Nat. Gas | (Mio m ³) | 18 | 11 | 15 | 14 | 6 | -66.67 | -57.14 |
| Petroleum | (t) | 12 960 | 20 300 | 28 500 | 25 280 | 20 000 | 54.32 | -20.89 |
| Total | (t) | 1 497 017 | 1 435 063 | 1 546 123 | 1 393 243 | 1 503 325 | | |

Serbia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Copper | (t) | 45 115 | 44 096 | 43 550 | 52 207 | 121 150 | 168.54 | 132.06 |
| Lead | (t) | 8 790 | 9 110 | 9 970 | 8 420 | 6 330 | -27.99 | -24.82 |
| Selenium | (t) | 27 | 28 | 20 | 10 | 4 | -85.19 | -60.00 |
| Zinc | (t) | 7 400 | 8 230 | 7 510 | 11 480 | 11 310 | 52.84 | -1.48 |
| Gold | (kg) | 1 199 | 839 | 1 452 | 1 550 | 4 794 | 299.83 | 209.29 |
| Palladium | (kg) | 50 | 55 | 100 | 100 | 140 | 180.00 | 40.00 |
| Platinum | (kg) | 3 | 6 | 10 | 22 | 30 | 900.00 | 36.36 |
| Silver | (kg) | 12 340 | 8 970 | 14 502 | 15 900 | 11 600 | -6.00 | -27.04 |
| Kaolin | (t) | 280 276 | 279 000 | 254 000 | 234 000 | 249 000 | -11.16 | 6.41 |
| Salt | (t) | 8 197 | 7 811 | 13 464 | 6 703 | 6 469 | -21.08 | -3.49 |
| Lignite | (t) | 39 805 959 | 37 648 957 | 38 880 520 | 39 673 059 | 36 417 513 | -8.51 | -8.21 |
| Nat. Gas | (Mio m ³) | 489 | 450 | 439 | 409 | 362 | -25.97 | -11.49 |
| Petroleum | (t) | 924 351 | 910 712 | 881 000 | 859 226 | 835 319 | -9.63 | -2.78 |
| Total | (t) | 41 471 328 | 39 267 954 | 40 441 250 | 41 172 323 | 37 936 712 | | |

Abbreviations: see Definitions

Sierra Leone

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Iron | (t) | 3 194 930 | 561 800 | 418 950 | 0 | 950 300 | -70.26 | . |
| Tantalum | (t) | 38 | 31 | 16 | 29 | 36 | -5.26 | 24.14 |
| Titanium | (t) | 190 480 | 145 400 | 165 180 | 135 930 | 135 400 | -28.92 | -0.39 |
| Bauxite | (t) | 1 787 716 | 1 938 461 | 1 883 863 | 1 342 139 | 1 396 678 | -21.87 | 4.06 |
| Gold | (kg) | 142 | 464 | 75 | 25 | 149 | 4.93 | 496.00 |
| Diam. (Gem) | (ct) | 165 860 | 402 530 | 433 054 | 603 360 | 541 400 | 226.42 | -10.27 |
| Diam. (Ind) | (ct) | 122 380 | 339 070 | 391 403 | 83 040 | 297 700 | 143.26 | 258.50 |
| Zircon | (t) | 3 000 | 11 400 | 8 500 | 4 564 | 4 100 | 36.67 | -10.17 |
| Total | (t) | 5 176 164 | 2 657 092 | 2 476 509 | 1 482 662 | 2 486 514 | | |

Slovakia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Aluminium | (t) | 173 492 | 173 721 | 174 794 | 151 875 | 163 995 | -5.47 | 7.98 |
| Copper | (t) | 32 | 21 | 17 | 20 | 76 | 137.50 | 280.00 |
| Lead | (t) | 147 | 114 | 111 | 102 | 101 | -31.29 | -0.98 |
| Zinc | (t) | 166 | 151 | 119 | 96 | 25 | -84.94 | -73.96 |
| Gold | (kg) | 447 | 515 | 346 | 336 | 392 | -12.30 | 16.67 |
| Silver | (kg) | 410 | 345 | 295 | 269 | 328 | -20.00 | 21.93 |
| Baryte | (t) | 15 700 | 11 100 | 0 | 0 | 0 | -100.00 | . |
| Bentonite | (t) | 226 425 | 269 990 | 260 120 | 261 640 | 274 050 | 21.03 | 4.74 |
| Feldspar | (t) | 15 800 | 16 800 | 19 100 | 29 100 | 10 000 | -36.71 | -65.64 |
| Gypsum | (t) | 45 600 | 55 190 | 58 250 | 72 300 | 66 600 | 46.05 | -7.88 |
| Kaolin | (t) | 21 400 | 34 400 | 24 970 | 30 960 | 38 780 | 81.21 | 25.26 |
| Magnesite | (t) | 975 100 | 1 053 900 | 1 015 800 | 787 476 | 781 600 | -19.84 | -0.75 |
| Perlite | (t) | 48 010 | 35 600 | 32 450 | 37 850 | 37 240 | -22.43 | -1.61 |
| Talc | (t) | 14 000 | 43 000 | 70 100 | 91 600 | 99 900 | 613.57 | 9.06 |
| Lignite | (t) | 1 860 710 | 1 506 940 | 1 474 830 | 986 270 | 1 080 562 | -41.93 | 9.56 |
| Nat. Gas | (Mio m ³) | 90 | 90 | 80 | 70 | 71 | -21.11 | 1.43 |
| Petroleum | (t) | 8 160 | 7 522 | 6 331 | 3 790 | 6 130 | -24.88 | 61.74 |
| Total | (t) | 3 476 742 | 3 280 450 | 3 200 992 | 2 509 079 | 2 615 859 | | |

Slovenia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|--------|--------|--------|--------|--------|-----------------|-----------------|
| Aluminium | (t) | 84 424 | 80 511 | 68 255 | 50 185 | 37 867 | -55.15 | -24.55 |
| Bentonite | (t) | 147 | 113 | 99 | 77 | 75 | -48.98 | -2.60 |
| Salt | (t) | 2 335 | 2 018 | 1 437 | 805 | 1 671 | -28.44 | 107.58 |

Abbreviations: see Definitions

| | | | | | | | | |
|-----------|-----------------------|-----------|-----------|-----------|-----------|-----------|--------|--------|
| Lignite | (t) | 3 355 664 | 3 216 735 | 3 218 696 | 3 259 309 | 2 807 476 | -16.34 | -13.86 |
| Nat. Gas | (Mio m ³) | 9 | 18 | 8 | 6 | 6 | -33.33 | 0.00 |
| Petroleum | (t) | 481 | 769 | 490 | 385 | 296 | -38.46 | -23.12 |
| Total | (t) | 3 450 251 | 3 314 546 | 3 295 377 | 3 315 561 | 2 852 185 | | |

Solomon Islands

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|---------|-----|-----------|-----------|-----------|---------|------|-----------------|-----------------|
| Bauxite | (t) | 1 523 900 | 1 646 200 | 1 234 030 | 841 890 | 0 | -100.00 | -100.00 |
| Total | (t) | 1 523 900 | 1 646 200 | 1 234 030 | 841 890 | 0 | | |

South Africa

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 48 808 920 | 48 277 430 | 47 064 410 | 36 163 000 | 47 509 000 | -2.66 | 31.37 |
| Chromium | (t) | 7 073 400 | 7 524 700 | 7 384 000 | 5 479 400 | 7 605 500 | 7.52 | 38.80 |
| Cobalt | (t) | 1 065 | 1 007 | 1 027 | 897 | 355 | -66.67 | -60.42 |
| Manganese | (t) | 5 501 400 | 5 641 200 | 6 456 400 | 6 029 368 | 7 098 396 | 29.03 | 17.73 |
| Nickel | (t) | 48 463 | 43 236 | 43 443 | 34 908 | 31 846 | -34.29 | -8.77 |
| Titanium | (t) | 1 090 000 | 1 000 000 | 970 000 | 950 000 | 900 000 | -17.43 | -5.26 |
| Vanadium | (t) | 7 958 | 7 691 | 8 062 | 8 584 | 8 799 | 10.57 | 2.50 |
| Aluminium | (t) | 716 000 | 714 000 | 717 000 | 717 000 | 714 000 | -0.28 | -0.42 |
| Copper | (t) | 65 532 | 46 900 | 52 501 | 29 068 | 28 307 | -56.80 | -2.62 |
| Lead | (t) | 48 150 | 35 118 | 42 936 | 28 048 | 31 224 | -35.15 | 11.32 |
| Zinc | (t) | 30 778 | 28 129 | 125 157 | 160 816 | 193 785 | 529.62 | 20.50 |
| Gold | (kg) | 137 290 | 117 144 | 105 185 | 95 786 | 105 036 | -23.49 | 9.66 |
| Palladium | (kg) | 80 713 | 80 629 | 80 684 | 66 264 | 84 336 | 4.49 | 27.27 |
| Platinum | (kg) | 132 500 | 137 053 | 132 989 | 111 993 | 141 626 | 6.89 | 26.46 |
| Rhodium | (kg) | 18 665 | 18 608 | 19 545 | 16 972 | 20 875 | 11.84 | 23.00 |
| Silver | (kg) | 62 536 | 46 467 | 55 903 | 38 118 | 37 146 | -40.60 | -2.55 |
| Bentonite | (t) | 165 141 | 173 486 | 105 084 | 85 558 | 98 606 | -40.29 | 15.25 |
| Diam. (Gem) | (ct) | 4 485 710 | 4 594 990 | 3 373 210 | 3 958 300 | 4 506 940 | 0.47 | 13.86 |
| Diam. (Ind) | (ct) | 5 206 885 | 5 316 840 | 3 807 495 | 4 512 540 | 5 216 870 | 0.19 | 15.61 |
| Feldspar | (t) | 116 705 | 76 803 | 76 255 | 48 427 | 67 113 | -42.49 | 38.59 |
| Fluorspar | (t) | 218 399 | 230 000 | 210 000 | 330 000 | 400 000 | 83.15 | 21.21 |
| Gypsum | (t) | 320 685 | 321 988 | 277 102 | 205 542 | 277 376 | -13.51 | 34.95 |
| Kaolin | (t) | 31 186 | 23 724 | 27 827 | 20 639 | 29 168 | -6.47 | 41.32 |
| Magnesite | (t) | 8 700 | 8 500 | 8 500 | 8 500 | 5 000 | -42.53 | -41.18 |
| Perlite | (t) | 1 000 | 1 000 | 1 000 | 1 000 | 1 000 | 0.00 | 0.00 |
| Phosphates | (t) | 727 800 | 720 400 | 639 000 | 461 000 | 767 600 | 5.47 | 66.51 |
| Salt | (t) | 492 860 | 478 285 | 510 012 | 538 355 | 545 942 | 10.77 | 1.41 |
| Sulfur | (t) | 256 700 | 239 297 | 919 624 | 575 491 | 61 929 | -75.87 | -89.24 |
| Talc | (t) | 58 776 | 102 142 | 135 430 | 92 318 | 270 944 | 360.98 | 193.49 |
| Vermiculite | (t) | 166 084 | 141 346 | 158 013 | 118 223 | 217 109 | 30.72 | 83.64 |
| Zircon | (t) | 361 813 | 303 610 | 320 000 | 311 800 | 301 000 | -16.81 | -3.46 |

Abbreviations: see Definitions

| | | | | | | | | |
|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|--------|--------|
| Steam Coal | (t) | 253 096 500 | 251 607 600 | 254 767 800 | 245 053 000 | 225 804 400 | -10.78 | -7.85 |
| Coking Coal | (t) | 4 028 275 | 4 508 302 | 3 722 225 | 2 057 020 | 2 730 418 | -32.22 | 32.74 |
| Nat. Gas | (Mio m ³) | 737 | 615 | 658 | 554 | 44 | -94.03 | -92.06 |
| Petroleum | (t) | 31 145 | 23 770 | 29 774 | 31 974 | 15 633 | -49.81 | -51.11 |
| Uranium | (t) | 304 | 231 | 163 | 131 | 153 | -49.67 | 16.79 |
| Total | (t) | 324 063 774 | 322 772 297 | 325 299 542 | 299 983 598 | 295 750 194 | | |

South Sudan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Petroleum | (t) | 7 250 770 | 7 107 700 | 8 448 490 | 8 126 230 | 7 515 700 | 3.65 | -7.51 |
| Total | (t) | 7 250 770 | 7 107 700 | 8 448 490 | 8 126 230 | 7 515 700 | | |

Spain

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | | | | 0 | 36 580 | . | . |
| Tantalum | (t) | | 0 | 18 | 16 | 19 | . | 18.75 |
| Tungsten | (t) | 564 | 856 | 414 | 238 | 642 | 13.83 | 169.75 |
| Aluminium | (t) | 360 000 | 350 000 | 230 000 | 200 000 | 190 000 | -47.22 | -5.00 |
| Copper | (t) | 198 353 | 187 714 | 170 556 | 182 678 | 138 060 | -30.40 | -24.42 |
| Lead | (t) | 3 268 | 9 936 | 11 390 | 11 397 | 10 880 | 232.93 | -4.54 |
| Tin | (t) | 24 | 81 | 101 | 115 | 220 | 816.67 | 91.30 |
| Zinc | (t) | 70 451 | 106 352 | 90 980 | 90 368 | 90 480 | 28.43 | 0.12 |
| Gold | (kg) | 1 825 | 1 991 | 1 913 | 1 609 | 1 822 | -0.16 | 13.24 |
| Silver | (kg) | 82 907 | 88 514 | 77 501 | 92 662 | 80 848 | -2.48 | -12.75 |
| Bentonite | (t) | 177 565 | 178 463 | 160 477 | 205 773 | 171 572 | -3.38 | -16.62 |
| Diatomite | (t) | 70 550 | 61 056 | 62 741 | 59 250 | 55 982 | -20.65 | -5.52 |
| Feldspar | (t) | 819 218 | 616 229 | 855 139 | 911 095 | 820 749 | 0.19 | -9.92 |
| Fluorspar | (t) | 154 931 | 176 188 | 145 185 | 185 958 | 143 523 | -7.36 | -22.82 |
| Gypsum | (t) | 9 545 228 | 10 593 056 | 11 279 443 | 13 376 353 | 14 629 150 | 53.26 | 9.37 |
| Kaolin | (t) | 475 074 | 474 462 | 463 617 | 274 137 | 303 743 | -36.06 | 10.80 |
| Magnesite | (t) | 788 991 | 738 994 | 634 580 | 626 055 | 703 834 | -10.79 | 12.42 |
| Potash | (t) | 557 468 | 603 812 | 519 644 | 351 918 | 375 779 | -32.59 | 6.78 |
| Salt | (t) | 4 135 626 | 4 512 243 | 4 330 514 | 3 676 039 | 4 202 939 | 1.63 | 14.33 |
| Sulfur | (t) | 633 000 | 662 000 | 663 100 | 584 300 | 687 600 | 8.63 | 17.68 |
| Talc | (t) | 11 500 | 15 500 | 13 100 | 2 920 | 0 | -100.00 | -100.00 |
| Steam Coal | (t) | 1 161 748 | 645 612 | 0 | 0 | 0 | -100.00 | . |
| Lignite | (t) | 1 833 357 | 1 727 513 | 0 | 0 | 0 | -100.00 | . |
| Nat. Gas | (Mio m ³) | 34 | 90 | 135 | 47 | 38 | 11.76 | -19.15 |
| Petroleum | (t) | 118 809 | 89 476 | 40 244 | 26 819 | 5 785 | -95.13 | -78.43 |
| Total | (t) | 21 143 010 | 21 821 634 | 19 779 323 | 20 803 124 | 22 598 020 | | |

Abbreviations: see Definitions

Sri Lanka

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Titanium | (t) | 30 630 | 35 670 | 25 940 | 11 150 | 28 775 | -6.06 | 158.07 |
| Feldspar | (t) | 96 000 | 70 000 | 65 400 | 50 000 | 60 000 | -37.50 | 20.00 |
| Graphite | (t) | 3 800 | 3 800 | 3 100 | 2 500 | 3 200 | -15.79 | 28.00 |
| Kaolin | (t) | 13 000 | 20 000 | 34 100 | 30 000 | 30 000 | 130.77 | 0.00 |
| Phosphates | (t) | 14 850 | 16 290 | 16 600 | 18 240 | 23 880 | 60.81 | 30.92 |
| Salt | (t) | 74 108 | 68 834 | 57 291 | 60 076 | 63 254 | -14.65 | 5.29 |
| Zircon | (t) | 8 569 | 785 | 971 | 419 | 400 | -95.33 | -4.53 |
| Total | (t) | 240 957 | 215 379 | 203 402 | 172 385 | 209 509 | | |

Sudan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Chromium | (t) | 15 360 | 12 960 | 5 950 | 4 300 | 2 700 | -82.42 | -37.21 |
| Manganese | (t) | 4 000 | 4 000 | 1 000 | 0 | 0 | -100.00 | . |
| Gold | (kg) | 107 300 | 93 600 | 57 700 | 35 700 | 49 700 | -53.68 | 39.22 |
| Silver | (kg) | 2 000 | 1 000 | 1 000 | 1 000 | 1 000 | -50.00 | 0.00 |
| Feldspar | (t) | 29 000 | 36 000 | 17 000 | 25 000 | 6 400 | -77.93 | -74.40 |
| Gypsum | (t) | 333 000 | 226 000 | 193 000 | 173 000 | 136 000 | -59.16 | -21.39 |
| Kaolin | (t) | 5 446 | 11 000 | 29 000 | 19 700 | 3 700 | -32.06 | -81.22 |
| Salt | (t) | 235 000 | 267 000 | 263 000 | 237 000 | 121 000 | -48.51 | -48.95 |
| Talc | (t) | 4 000 | 4 000 | 2 000 | 0 | 4 500 | 12.50 | . |
| Petroleum | (t) | 4 119 300 | 3 560 000 | 3 778 300 | 2 932 600 | 2 605 000 | -36.76 | -11.17 |
| Total | (t) | 4 745 215 | 4 121 055 | 4 289 309 | 3 391 637 | 2 879 351 | | |

Suriname

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Gold | (kg) | 25 844 | 26 006 | 24 516 | 21 214 | 18 634 | -27.90 | -12.16 |
| Petroleum | (t) | 811 600 | 818 400 | 825 200 | 818 400 | 818 400 | 0.84 | 0.00 |
| Total | (t) | 811 626 | 818 426 | 825 225 | 818 421 | 818 419 | | |

Sweden

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 18 741 000 | 18 405 000 | 19 367 200 | 20 112 200 | 19 964 200 | 6.53 | -0.74 |
| Aluminium | (t) | 123 000 | 125 000 | 120 000 | 117 000 | 124 000 | 0.81 | 5.98 |
| Copper | (t) | 104 594 | 106 140 | 99 332 | 100 065 | 88 108 | -15.76 | -11.95 |
| Lead | (t) | 71 112 | 64 751 | 68 635 | 65 402 | 65 404 | -8.03 | 0.00 |

Abbreviations: see Definitions

| | | | | | | | | |
|-----------|------|------------|------------|------------|------------|------------|--------|-------|
| Selenium | (t) | 66 | 59 | 53 | 69 | 70 | 6.06 | 1.45 |
| Tellurium | (t) | 35 | 45 | 41 | 42 | 41 | 17.14 | -2.38 |
| Zinc | (t) | 251 244 | 237 715 | 247 657 | 234 811 | 236 416 | -5.90 | 0.68 |
| Gold | (kg) | 7 858 | 7 866 | 7 972 | 8 249 | 8 805 | 12.05 | 6.74 |
| Silver | (kg) | 467 500 | 443 624 | 419 926 | 400 929 | 428 585 | -8.32 | 6.90 |
| Feldspar | (t) | 22 000 | 28 000 | 25 000 | 27 537 | 28 000 | 27.27 | 1.68 |
| Sulfur | (t) | 390 620 | 416 560 | 347 990 | 339 890 | 344 000 | -11.93 | 1.21 |
| Total | (t) | 19 704 147 | 19 383 722 | 20 276 336 | 20 997 425 | 20 850 677 | | |

Switzerland

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------|-----|---------|---------|---------|---------|---------|-----------------|-----------------|
| Gypsum | (t) | 330 000 | 330 000 | 330 000 | 320 000 | 320 000 | -3.03 | 0.00 |
| Salt | (t) | 448 509 | 530 414 | 477 325 | 324 527 | 512 700 | 14.31 | 57.98 |
| Total | (t) | 778 509 | 860 414 | 807 325 | 644 527 | 832 700 | | |

Syria

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Gypsum | (t) | 66 000 | 66 000 | 70 000 | 70 000 | 70 000 | 6.06 | 0.00 |
| Phosphates | (t) | 38 700 | 95 000 | 134 000 | 580 000 | 400 000 | 933.59 | -31.03 |
| Salt | (t) | 5 000 | 12 000 | 50 000 | 70 000 | 70 000 | 1 300.00 | 0.00 |
| Nat. Gas | (Mio m ³) | 3 490 | 3 470 | 3 330 | 2 920 | 3 070 | -12.03 | 5.14 |
| Petroleum | (t) | 1 078 300 | 1 051 030 | 1 510 590 | 1 964 180 | 4 598 420 | 326.45 | 134.11 |
| Total | (t) | 3 980 000 | 4 000 030 | 4 428 590 | 5 020 180 | 7 594 420 | | |

Taiwan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----------------------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Gold | (kg) | 4 | 4 | 6 | 3 | 1 | -75.00 | -66.67 |
| Kaolin | (t) | 1 665 | 20 | 500 | 404 | 30 | -98.20 | -92.57 |
| Salt | (t) | 77 054 | 78 539 | 76 255 | 77 854 | 77 297 | 0.32 | -0.72 |
| Sulfur | (t) | 173 963 | 169 698 | 195 358 | 167 337 | 192 228 | 10.50 | 14.87 |
| Talc | (t) | 0 | 17 | 6 | 0 | 43 | . | . |
| Nat. Gas | (Mio m ³) | 266 | 198 | 167 | 105 | 110 | -58.65 | 4.76 |
| Petroleum | (t) | 4 600 | 4 000 | 3 300 | 1 860 | 2 110 | -54.13 | 13.44 |
| Total | (t) | 470 082 | 410 674 | 409 019 | 331 455 | 359 708 | | |

Abbreviations: see Definitions

Tajikistan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Aluminium | (t) | 103 147 | 95 800 | 100 800 | 84 000 | 61 000 | -40.86 | -27.38 |
| Antimony | (t) | 26 370 | 28 890 | 29 900 | 23 570 | 26 150 | -0.83 | 10.95 |
| Copper | (t) | 6 060 | 8 490 | 8 500 | 978 | 4 480 | -26.07 | 358.08 |
| Lead | (t) | 61 090 | 52 990 | 65 570 | 41 630 | 49 970 | -18.20 | 20.03 |
| Mercury | (t) | 100 | 120 | 80 | 160 | 160 | 60.00 | 0.00 |
| Zinc | (t) | 92 940 | 84 330 | 90 860 | 54 720 | 79 150 | -14.84 | 44.65 |
| Gold | (kg) | 5 500 | 6 432 | 8 100 | 8 764 | 9 330 | 69.64 | 6.46 |
| Silver | (kg) | 6 550 | 9 500 | 11 100 | 11 350 | 11 500 | 75.57 | 1.32 |
| Fluorspar | (t) | 0 | 400 | 1 000 | 10 000 | 10 000 | . | 0.00 |
| Gypsum | (t) | 43 066 | 9 639 | 14 000 | 8 183 | 10 000 | -76.78 | 22.20 |
| Salt | (t) | 41 323 | 36 964 | 35 324 | 26 637 | 26 169 | -36.67 | -1.76 |
| Steam Coal | (t) | 1 760 090 | 1 907 055 | 2 027 790 | 2 023 000 | 2 080 000 | 18.18 | 2.82 |
| Nat. Gas | (Mio m ³) | 2 | 1 | 1 | 1 | 1 | -50.00 | 0.00 |
| Petroleum | (t) | 23 482 | 23 939 | 23 293 | 24 400 | 24 635 | 4.91 | 0.96 |
| Total | (t) | 2 159 281 | 2 249 433 | 2 397 936 | 2 298 098 | 2 372 535 | | |

Tanzania

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Iron | (t) | | | 0 | 14 200 | 39 100 | . | 175.35 |
| Bauxite | (t) | 12 | 7 | 0 | 26 | 38 | 216.67 | 46.15 |
| Copper | (t) | 15 800 | 10 000 | 14 187 | 11 700 | 11 520 | -27.09 | -1.54 |
| Tin | (t) | 68 | 6 | 18 | 35 | 158 | 132.35 | 351.43 |
| Gold | (kg) | 43 490 | 39 304 | 48 408 | 55 805 | 59 638 | 37.13 | 6.87 |
| Silver | (kg) | 10 911 | 12 041 | 12 550 | 13 187 | 9 324 | -14.54 | -29.29 |
| Diam. (Gem) | (ct) | 258 785 | 324 105 | 354 240 | 125 110 | 53 165 | -79.46 | -57.51 |
| Diam. (Ind) | (ct) | 45 670 | 57 195 | 62 510 | 22 080 | 9 380 | -79.46 | -57.52 |
| Gypsum | (t) | 123 645 | 241 260 | 256 529 | 443 926 | 598 053 | 383.69 | 34.72 |
| Kaolin | (t) | 13 816 | 129 383 | 15 343 | 98 454 | 100 950 | 630.67 | 2.54 |
| Phosphates | (t) | 300 | 650 | 5 050 | 6 240 | 5 390 | 1 696.67 | -13.62 |
| Salt | (t) | 124 500 | 36 600 | 99 510 | 83 974 | 112 995 | -9.24 | 34.56 |
| Steam Coal | (t) | 558 553 | 627 652 | 712 136 | 689 959 | 976 319 | 74.79 | 41.50 |
| Nat. Gas | (Mio m ³) | 1 344 | 1 675 | 1 807 | 1 616 | 1 838 | 36.76 | 13.74 |
| Total | (t) | 1 911 948 | 2 385 609 | 2 548 434 | 2 641 383 | 3 314 992 | | |

Abbreviations: see Definitions

Thailand

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|-----|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 85 | 0 | 10 950 | 70 210 | 201 450 | 236 900.00 | 186.92 |
| Manganese | (t) | 3 850 | 1 920 | 2 305 | 670 | 0 | -100.00 | -100.00 |
| Titanium | (t) | 4 | 23 | 64 | 84 | 36 | 800.00 | -57.14 |
| Tungsten | (t) | 43 | 65 | 22 | 57 | 58 | 34.88 | 1.75 |
| Tin | (t) | 341 | 47 | 46 | 198 | 220 | -35.48 | 11.11 |
| Zinc | (t) | 1 580 | 0 | 0 | 0 | 0 | -100.00 | . |
| Baryte | (t) | 147 954 | 67 490 | 33 644 | 22 394 | 4 988 | -96.63 | -77.73 |
| Feldspar | (t) | 1 385 925 | 1 117 803 | 1 251 143 | 1 105 344 | 1 346 997 | -2.81 | 21.86 |
| Fluorspar | (t) | 5 500 | 16 700 | 22 247 | 9 807 | 9 766 | 77.56 | -0.42 |
| Gypsum | (t) | 10 646 644 | 11 197 657 | 9 787 287 | 9 279 119 | 10 402 998 | -2.29 | 12.11 |
| Kaolin | (t) | 103 079 | 110 437 | 92 414 | 87 320 | 124 798 | 21.07 | 42.92 |
| Perlite | (t) | 5 800 | 5 600 | 15 000 | 3 500 | 3 500 | -39.66 | 0.00 |
| Phosphates | (t) | 2 400 | 0 | 0 | 0 | 0 | -100.00 | . |
| Salt | (t) | 1 497 223 | 1 487 364 | 1 580 390 | 1 439 877 | 1 563 970 | 4.46 | 8.62 |
| Talc | (t) | 61 436 | 58 676 | 14 564 | 38 146 | 31 950 | -47.99 | -16.24 |
| Lignite | (t) | 16 258 637 | 14 851 950 | 14 077 965 | 13 250 574 | 14 221 573 | -12.53 | 7.33 |
| Nat. Gas (Mio m ³) | | 37 417 | 36 454 | 37 450 | 33 799 | 33 117 | -11.49 | -2.02 |
| Petroleum | (t) | 11 939 770 | 11 361 670 | 11 362 210 | 10 077 510 | 8 820 540 | -26.12 | -12.47 |
| Total | (t) | 71 993 871 | 69 440 602 | 68 210 251 | 62 424 010 | 63 226 444 | | |

Togo

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|---------|---------|---------|---------|---------|-----------------|-----------------|
| Gold | (kg) | 19 960 | 10 000 | 8 227 | 3 565 | 3 600 | -81.96 | 0.98 |
| Diam. (Ind) | (ct) | 0 | 0 | 16 | 0 | 0 | . | . |
| Phosphates | (t) | 266 260 | 370 810 | 260 320 | 488 900 | 538 860 | 102.38 | 10.22 |
| Total | (t) | 266 280 | 370 820 | 260 328 | 488 904 | 538 864 | | |

Trinidad and Tobago

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|-----|------------|------------|------------|------------|------------|-----------------|-----------------|
| Nat. Gas (Mio m ³) | | 32 845 | 35 005 | 35 545 | 30 230 | 25 425 | -22.59 | -15.89 |
| Petroleum | (t) | 4 655 220 | 4 122 240 | 3 869 080 | 3 600 510 | 3 652 900 | -21.53 | 1.46 |
| Total | (t) | 30 931 220 | 32 126 240 | 32 305 080 | 27 784 510 | 23 992 900 | | |

Abbreviations: see Definitions

Tunisia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------|-----------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| Iron | (t) | 106 900 | 95 000 | 100 700 | 93 400 | 143 900 | 34.61 | 54.07 |
| Baryte | (t) | 10 000 | 10 000 | 10 000 | 10 000 | 11 100 | 11.00 | 11.00 |
| Gypsum | (t) | 944 245 | 984 031 | 946 892 | 890 000 | 908 130 | -3.82 | 2.04 |
| Phosphates | (t) | 1 145 300 | 812 800 | 1 124 700 | 911 800 | 1 080 700 | -5.64 | 18.52 |
| Salt | (t) | 1 403 537 | 2 116 972 | 1 966 528 | 1 666 075 | 1 889 614 | 34.63 | 13.42 |
| Nat. Gas | (Mio m ³) | 2 094 | 1 950 | 1 780 | 1 850 | 2 240 | 6.97 | 21.08 |
| Petroleum | (t) | 2 065 930 | 2 027 230 | 1 859 060 | 1 726 250 | 2 129 640 | 3.08 | 23.37 |
| Total | (t) | 7 351 112 | 7 606 033 | 7 431 880 | 6 777 525 | 7 955 084 | | |

Turkey

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|------------|------------|-----------|------------|------------|-----------------|-----------------|
| Iron | (t) | 6 095 400 | 9 546 700 | 8 828 800 | 13 087 300 | 9 791 300 | 60.63 | -25.18 |
| Chromium | (t) | 1 384 700 | 1 146 600 | 1 528 700 | 1 087 400 | 1 227 900 | -11.32 | 12.92 |
| Cobalt | (t) | 220 | 259 | 115 | 250 | 2 400 | 990.91 | 860.00 |
| Manganese | (t) | 27 300 | 29 900 | 39 900 | 35 600 | 30 300 | 10.99 | -14.89 |
| Molybdenum | (t) | 900 | 450 | 0 | 0 | 0 | -100.00 | . |
| Nickel | (t) | 14 770 | 13 560 | 4 740 | 20 200 | 11 650 | -21.12 | -42.33 |
| Titanium | (t) | 6 370 | 6 175 | 6 130 | 6 455 | 7 080 | 11.15 | 9.68 |
| Aluminium | (t) | 75 523 | 73 291 | 78 100 | 79 600 | 82 000 | 8.58 | 3.02 |
| Antimony | (t) | 4 840 | 3 570 | 3 815 | 2 570 | 4 210 | -13.02 | 63.81 |
| Bauxite | (t) | 1 719 144 | 678 138 | 2 255 480 | 2 399 680 | 2 764 873 | 60.83 | 15.22 |
| Copper | (t) | 85 200 | 87 000 | 73 300 | 107 000 | 108 100 | 26.88 | 1.03 |
| Lead | (t) | 74 990 | 75 990 | 71 480 | 81 520 | 93 660 | 24.90 | 14.89 |
| Zinc | (t) | 155 900 | 184 500 | 146 800 | 136 300 | 171 100 | 9.75 | 25.53 |
| Gold | (kg) | 23 090 | 27 100 | 39 000 | 42 100 | 39 290 | 70.16 | -6.67 |
| Silver | (kg) | 151 490 | 202 400 | 242 000 | 98 270 | 162 670 | 7.38 | 65.53 |
| Baryte | (t) | 292 447 | 465 138 | 413 811 | 283 161 | 256 076 | -12.44 | -9.57 |
| Bentonite | (t) | 1 481 617 | 1 331 955 | 1 533 547 | 1 658 837 | 2 020 356 | 36.36 | 21.79 |
| Boron | (t) | 2 025 000 | 2 432 000 | 2 040 000 | 1 680 000 | 2 540 000 | 25.43 | 51.19 |
| Diatomite | (t) | 169 584 | 242 789 | 220 757 | 100 327 | 207 732 | 22.50 | 107.05 |
| Feldspar | (t) | 10 273 573 | 11 474 040 | 9 447 810 | 10 050 911 | 12 936 959 | 25.92 | 28.71 |
| Fluorspar | (t) | 20 150 | 6 200 | 14 400 | 19 896 | 10 348 | -48.65 | -47.99 |
| Graphite | (t) | 4 000 | 16 752 | 9 990 | 15 205 | 28 336 | 608.40 | 86.36 |
| Gypsum | (t) | 10 223 112 | 10 896 476 | 7 489 129 | 9 280 864 | 10 620 061 | 3.88 | 14.43 |
| Kaolin | (t) | 1 362 799 | 1 515 609 | 1 283 776 | 1 224 746 | 1 748 014 | 28.27 | 42.72 |
| Magnesite | (t) | 1 694 071 | 1 958 847 | 1 496 081 | 1 560 818 | 1 927 280 | 13.77 | 23.48 |
| Perlite | (t) | 606 231 | 1 088 983 | 1 174 486 | 1 146 341 | 1 428 695 | 135.67 | 24.63 |
| Phosphates | (t) | 0 | 0 | 94 600 | 261 900 | 287 100 | . | 9.62 |
| Salt | (t) | 6 673 242 | 6 298 705 | 6 961 015 | 7 698 018 | 7 843 502 | 17.54 | 1.89 |
| Sulfur | (t) | 92 500 | 250 000 | 242 600 | 117 400 | 110 600 | 19.57 | -5.79 |
| Talc | (t) | 474 482 | 284 216 | 92 077 | 143 470 | 220 350 | -53.56 | 53.59 |
| Vermiculite | (t) | 1 618 | 18 183 | 1 370 | 19 230 | 3 300 | 103.96 | -82.84 |
| Zircon | (t) | 1 200 | 1 950 | 0 | 0 | 0 | -100.00 | . |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|-----|-------------|-------------|-------------|-------------|-------------|--------|--------|
| Steam Coal | (t) | 1 875 000 | 2 160 520 | 2 695 628 | 2 457 720 | 520 270 | -72.25 | -78.83 |
| Coking Coal | (t) | 764 000 | 692 130 | 698 870 | 617 280 | 716 000 | -6.28 | 15.99 |
| Lignite | (t) | 71 459 170 | 81 084 000 | 83 694 600 | 71 637 000 | 84 531 660 | 18.29 | 18.00 |
| Nat. Gas (Mio m ³) | | 364 | 436 | 483 | 458 | 415 | 14.01 | -9.39 |
| Petroleum | (t) | 2 551 929 | 2 850 828 | 2 984 800 | 3 202 924 | 3 441 659 | 34.86 | 7.45 |
| Total | (t) | 121 982 356 | 137 264 483 | 136 013 388 | 130 586 463 | 146 025 073 | | |

Turkmenistan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|-----|------------|------------|------------|------------|------------|-----------------|-----------------|
| Bentonite | (t) | 10 000 | 10 000 | 10 000 | 10 000 | 10 000 | 0.00 | 0.00 |
| Potash | (t) | 0 | 15 200 | 11 100 | 16 000 | 19 000 | . | 18.75 |
| Salt | (t) | 100 000 | 100 000 | 100 000 | 94 600 | 96 000 | -4.00 | 1.48 |
| Sulfur | (t) | 200 000 | 480 000 | 330 000 | 470 000 | 590 000 | 195.00 | 25.53 |
| Nat. Gas (Mio m ³) | | 70 600 | 70 000 | 71 000 | 67 960 | 83 773 | 18.66 | 23.27 |
| Petroleum | (t) | 10 950 000 | 10 640 000 | 10 420 000 | 9 490 000 | 10 961 000 | 0.10 | 15.50 |
| Total | (t) | 67 740 000 | 67 245 200 | 67 671 100 | 64 448 600 | 78 694 400 | | |

Uganda

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-------------|------|--------|--------|--------|--------|--------|-----------------|-----------------|
| Iron | (t) | 1 390 | 2 700 | 0 | 0 | 0 | -100.00 | . |
| Niobium | (t) | 3 | 2 | 2 | 52 | 2 | -33.33 | -96.15 |
| Tungsten | (t) | 37 | 113 | 87 | 7 | 11 | -70.27 | 57.14 |
| Beryllium | (t) | 0 | 24 | 15 | 186 | 190 | . | 2.15 |
| Tin | (t) | 66 | 53 | 15 | 0 | 0 | -100.00 | . |
| Gold | (kg) | 4 | 12 | 7 | 10 | 10 | 150.00 | 0.00 |
| Kaolin | (t) | 55 317 | 17 281 | 10 448 | 12 014 | 10 000 | -81.92 | -16.76 |
| Vermiculite | (t) | 4 119 | 10 413 | 9 674 | 14 170 | 14 000 | 239.89 | -1.20 |
| Total | (t) | 60 932 | 30 586 | 20 241 | 26 429 | 24 203 | | |

Ukraine

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|-----|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 38 767 600 | 38 751 300 | 47 584 000 | 49 274 000 | 52 431 000 | 35.24 | 6.41 |
| Manganese | (t) | 650 500 | 682 700 | 686 100 | 698 500 | 652 300 | 0.28 | -6.61 |
| Titanium | (t) | 430 300 | 518 950 | 564 050 | 537 430 | 489 200 | 13.69 | -8.97 |
| Gallium | (t) | 9 | 6 | 5 | 4 | 4 | -55.56 | 0.00 |
| Germanium | (t) | 1 | 1 | 1 | 1 | 1 | 0.00 | 0.00 |
| Bentonite | (t) | 113 200 | 178 200 | 124 700 | 125 000 | 125 000 | 10.42 | 0.00 |
| Feldspar | (t) | 35 000 | 50 000 | 60 000 | 50 000 | 60 000 | 71.43 | 20.00 |
| Graphite | (t) | 13 000 | 15 000 | 10 000 | 10 000 | 17 000 | 30.77 | 70.00 |
| Gypsum | (t) | 1 528 900 | 1 386 400 | 1 409 400 | 1 529 000 | 1 783 300 | 16.64 | 16.63 |
| Kaolin | (t) | 2 379 636 | 2 091 525 | 1 843 561 | 1 680 891 | 2 317 723 | -2.60 | 37.89 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|-----|------------|------------|------------|------------|-------------|--------|--------|
| Salt | (t) | 1 815 684 | 2 191 619 | 2 092 795 | 2 075 000 | 1 900 000 | 4.64 | -8.43 |
| Sulfur | (t) | 175 900 | 222 200 | 220 400 | 223 500 | 255 600 | 45.31 | 14.36 |
| Zircon | (t) | 27 239 | 21 614 | 18 000 | 16 000 | 27 000 | -0.88 | 68.75 |
| Steam Coal | (t) | 18 932 900 | 21 648 100 | 19 747 200 | 17 733 500 | 22 153 000 | 17.01 | 24.92 |
| Coking Coal | (t) | 5 233 900 | 4 606 300 | 5 783 200 | 6 434 800 | 7 234 000 | 38.21 | 12.42 |
| Nat. Gas (Mio m ³) | | 20 510 | 20 806 | 20 520 | 20 183 | 19 757 | -3.67 | -2.11 |
| Petroleum | (t) | 2 169 900 | 2 293 300 | 2 453 600 | 2 430 800 | 2 455 400 | 13.16 | 1.01 |
| Uranium | (t) | 986 | 1 390 | 944 | 877 | 536 | -45.64 | -38.88 |
| Total | (t) | 88 682 655 | 91 303 405 | 99 013 956 | 98 965 703 | 107 706 664 | | |

United Arab Emirates

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|-----|-------------|-------------|-------------|-------------|-------------|-----------------|-----------------|
| Aluminium | (t) | 2 600 000 | 2 640 000 | 2 579 000 | 2 505 000 | 2 577 680 | -0.86 | 2.90 |
| Sulfur | (t) | 4 600 000 | 5 300 000 | 5 980 000 | 5 220 000 | 5 396 000 | 17.30 | 3.37 |
| Nat. Gas (Mio m ³) | | 59 495 | 58 082 | 57 517 | 55 445 | 56 994 | -4.20 | 2.79 |
| Petroleum | (t) | 176 224 330 | 176 686 680 | 180 544 180 | 166 582 740 | 164 380 590 | -6.72 | -1.32 |
| Total | (t) | 231 020 330 | 231 092 280 | 235 116 780 | 218 663 740 | 217 949 470 | | |

United Kingdom

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Tungsten | (t) | 1 086 | 890 | 0 | 0 | 0 | -100.00 | . |
| Aluminium | (t) | 46 500 | 44 400 | 39 400 | 35 700 | 37 600 | -19.14 | 5.32 |
| Lead | (t) | 100 | 100 | 150 | 100 | 100 | 0.00 | 0.00 |
| Tin | (t) | 255 | 220 | 0 | 0 | 0 | -100.00 | . |
| Gold | (kg) | 0 | 0 | 50 | 28 | 79 | . | 182.14 |
| Silver | (kg) | 0 | 0 | 130 | 100 | 358 | . | 258.00 |
| Baryte | (t) | 55 000 | 55 000 | 50 000 | 50 000 | 50 000 | -9.09 | 0.00 |
| Fluorspar | (t) | 11 000 | 11 000 | 14 000 | 15 000 | 16 674 | 51.58 | 11.16 |
| Gypsum | (t) | 1 300 000 | 1 400 000 | 1 600 000 | 1 300 000 | 1 300 000 | 0.00 | 0.00 |
| Kaolin | (t) | 970 000 | 996 000 | 715 000 | 635 000 | 620 000 | -36.08 | -2.36 |
| Potash | (t) | 297 400 | 291 100 | 88 480 | 99 260 | 110 460 | -62.86 | 11.28 |
| Salt | (t) | 2 361 707 | 3 430 266 | 2 377 765 | 2 312 100 | 2 320 000 | -1.77 | 0.34 |
| Sulfur | (t) | 133 000 | 129 000 | 130 000 | 106 000 | 110 000 | -17.29 | 3.77 |
| Talc | (t) | 3 218 | 1 640 | 3 131 | 1 386 | 1 500 | -53.39 | 8.23 |
| Steam Coal | (t) | 2 267 900 | 1 996 860 | 1 849 060 | 1 166 420 | 717 080 | -68.38 | -38.52 |
| Coking Coal | (t) | 773 160 | 785 470 | 742 340 | 506 870 | 336 740 | -56.45 | -33.56 |
| Nat. Gas (Mio m ³) | | 42 100 | 40 827 | 39 386 | 39 433 | 32 568 | -22.64 | -17.41 |
| Petroleum | (t) | 47 049 300 | 51 550 700 | 52 856 200 | 49 361 500 | 41 159 050 | -12.52 | -16.62 |
| Total | (t) | 88 949 626 | 93 354 246 | 91 974 326 | 87 135 736 | 72 833 604 | | |

Abbreviations: see Definitions

United States

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|------|---------------|---------------|---------------|---------------|---------------|-----------------|-----------------|
| Iron | (t) | 30 177 000 | 31 185 000 | 29 547 000 | 24 100 000 | 30 100 000 | -0.26 | 24.90 |
| Cobalt | (t) | 640 | 480 | 500 | 600 | 650 | 1.56 | 8.33 |
| Molybdenum | (t) | 40 700 | 41 400 | 43 600 | 51 100 | 41 100 | 0.98 | -19.57 |
| Nickel | (t) | 22 100 | 17 600 | 13 500 | 16 700 | 18 400 | -16.74 | 10.18 |
| Titanium | (t) | 66 000 | 100 000 | 100 000 | 100 000 | 100 000 | 51.52 | 0.00 |
| Vanadium | (t) | | 0 | 460 | 17 | 0 | . | -100.00 |
| Aluminium | (t) | 740 884 | 896 652 | 1 126 032 | 1 026 617 | 907 846 | 22.54 | -11.57 |
| Bauxite | (t) | 352 100 | 399 700 | 154 900 | 16 440 | 0 | -100.00 | -100.00 |
| Beryllium | (t) | 3 760 | 4 170 | 4 050 | 4 160 | 4 380 | 16.49 | 5.29 |
| Cadmium | (t) | 150 | 73 | 131 | 211 | 241 | 60.67 | 14.22 |
| Copper | (t) | 1 260 000 | 1 220 000 | 1 260 000 | 1 200 000 | 1 230 000 | -2.38 | 2.50 |
| Germanium | (t) | 2 | 2 | 2 | 2 | 2 | 0.00 | 0.00 |
| Lead | (t) | 310 000 | 280 000 | 274 000 | 297 000 | 286 000 | -7.74 | -3.70 |
| Lithium | (t) | 1 420 | 1 500 | 1 450 | 1 220 | 2 505 | 76.41 | 105.33 |
| Mercury | (t) | 15 | 15 | 15 | 15 | 15 | 0.00 | 0.00 |
| Rare Earths | (t) | 0 | 14 000 | 27 620 | 38 503 | 42 413 | . | 10.16 |
| Rhenium | (kg) | 8 200 | 8 220 | 8 360 | 8 830 | 9 290 | 13.29 | 5.21 |
| Selenium | (t) | 116 | 152 | 144 | 66 | 70 | -39.66 | 6.06 |
| Tellurium | (t) | 0 | 0 | 2 | 2 | 2 | . | 0.00 |
| Zinc | (t) | 773 800 | 824 000 | 753 000 | 718 000 | 704 000 | -9.02 | -1.95 |
| Gold | (kg) | 236 986 | 225 528 | 201 000 | 193 400 | 187 000 | -21.09 | -3.31 |
| Palladium | (kg) | 13 600 | 14 267 | 14 323 | 14 555 | 13 725 | 0.92 | -5.70 |
| Platinum | (kg) | 3 980 | 4 165 | 4 152 | 4 203 | 4 017 | 0.93 | -4.43 |
| Rhodium | (kg) | 100 | 100 | 100 | 100 | 100 | 0.00 | 0.00 |
| Silver | (kg) | 1 030 000 | 934 000 | 981 000 | 1 030 000 | 1 020 000 | -0.97 | -0.97 |
| Baryte | (t) | 334 000 | 366 000 | 414 000 | 125 409 | 257 450 | -22.92 | 105.29 |
| Bentonite | (t) | 4 450 000 | 4 570 000 | 4 520 000 | 4 250 000 | 4 590 000 | 3.15 | 8.00 |
| Boron | (t) | 1 075 000 | 1 075 000 | 1 030 000 | 830 000 | 900 000 | -16.28 | 8.43 |
| Diatomite | (t) | 768 000 | 957 000 | 768 000 | 822 000 | 998 000 | 29.95 | 21.41 |
| Feldspar | (t) | 440 000 | 550 000 | 450 000 | 430 000 | 340 000 | -22.73 | -20.93 |
| Gypsum | (t) | 20 700 000 | 21 100 000 | 21 700 000 | 21 200 000 | 21 300 000 | 2.90 | 0.47 |
| Kaolin | (t) | 5 450 000 | 5 350 000 | 5 060 000 | 4 570 000 | 4 300 000 | -21.10 | -5.91 |
| Magnesite | (t) | 294 850 | 238 828 | 294 590 | 419 076 | 442 976 | 50.24 | 5.70 |
| Perlite | (t) | 587 000 | 504 000 | 629 000 | 845 000 | 884 000 | 50.60 | 4.62 |
| Phosphates | (t) | 7 840 000 | 7 250 000 | 6 547 000 | 6 604 000 | 6 070 000 | -22.58 | -8.09 |
| Potash | (t) | 480 000 | 520 000 | 510 000 | 460 000 | 480 000 | 0.00 | 4.35 |
| Salt | (t) | 39 900 000 | 43 900 000 | 45 000 000 | 43 000 000 | 42 000 000 | 5.26 | -2.33 |
| Sulfur | (t) | 9 630 000 | 9 670 000 | 8 710 000 | 7 890 000 | 8 070 000 | -16.20 | 2.28 |
| Talc | (t) | 610 000 | 648 000 | 578 000 | 491 000 | 577 000 | -5.41 | 17.52 |
| Vermiculite | (t) | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 0.00 | 0.00 |
| Zircon | (t) | 45 000 | 100 000 | 30 000 | 30 000 | 30 000 | -33.33 | 0.00 |
| Steam Coal | (t) | 573 904 900 | 562 012 600 | 521 540 300 | 394 850 100 | 429 228 900 | -25.21 | 8.71 |
| Coking Coal | (t) | 67 388 600 | 71 948 200 | 64 168 100 | 50 358 700 | 56 084 900 | -16.77 | 11.37 |
| Lignite | (t) | 61 394 500 | 51 744 500 | 48 255 700 | 44 783 600 | 42 968 700 | -30.01 | -4.05 |
| Nat. Gas (Mio m ³) | | 774 200 | 871 440 | 959 920 | 948 410 | 977 440 | 26.25 | 3.06 |
| Petroleum | (t) | 620 326 500 | 723 628 600 | 809 996 700 | 776 750 100 | 781 654 600 | 26.01 | 0.63 |
| Uranium | (t) | 1 108 | 657 | 79 | 7 | 9 | -99.19 | 28.57 |
| Total | (t) | 2 068 829 438 | 2 238 371 315 | 2 341 545 083 | 2 145 108 896 | 2 216 667 393 | | |

Abbreviations: see Definitions

Uruguay

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|-------|--------|-------|--------|--------|-----------------|-----------------|
| Iron | (t) | 1 010 | 2 520 | 2 510 | 1 240 | 3 310 | 227.72 | 166.94 |
| Gold | (kg) | 1 055 | 393 | 0 | 0 | 0 | -100.00 | . |
| Bentonite | (t) | 6 640 | 7 760 | 6 730 | 16 550 | 19 710 | 196.84 | 19.09 |
| Feldspar | (t) | 370 | 380 | 100 | 210 | 240 | -35.14 | 14.29 |
| Talc | (t) | 100 | 420 | 50 | 520 | 570 | 470.00 | 9.62 |
| Total | (t) | 8 121 | 11 080 | 9 390 | 18 520 | 23 830 | | |

Uzbekistan

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------|-----------------------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Molybdenum | (t) | 700 | 750 | 800 | 760 | 1 282 | 83.14 | 68.68 |
| Tungsten | (t) | 103 | 97 | 100 | 20 | 25 | -75.73 | 25.00 |
| Bismuth | (t) | 0 | 0 | 2 | 2 | 2 | . | 0.00 |
| Cadmium | (t) | 306 | 237 | 250 | 450 | 470 | 53.59 | 4.44 |
| Copper | (t) | 109 000 | 117 000 | 137 300 | 142 800 | 148 500 | 36.24 | 3.99 |
| Lead | (t) | 26 000 | 21 300 | 19 100 | 18 400 | 30 500 | 17.31 | 65.76 |
| Rhenium | (kg) | 530 | 500 | 800 | 1 000 | 2 370 | 347.17 | 137.00 |
| Selenium | (t) | 25 | 28 | 30 | 40 | 90 | 260.00 | 125.00 |
| Tellurium | (t) | 3 | 2 | 2 | 3 | 5 | 66.67 | 66.67 |
| Zinc | (t) | 47 200 | 38 400 | 35 400 | 37 200 | 42 000 | -11.02 | 12.90 |
| Gold | (kg) | 89 900 | 92 716 | 100 900 | 100 000 | 100 360 | 11.64 | 0.36 |
| Palladium | (kg) | | 0 | 28 | 91 | 160 | . | 75.82 |
| Silver | (kg) | 232 300 | 161 700 | 172 000 | 196 000 | 211 500 | -8.95 | 7.91 |
| Bentonite | (t) | 10 000 | 12 559 | 32 588 | 48 739 | 50 000 | 400.00 | 2.59 |
| Kaolin | (t) | 269 906 | 291 814 | 377 184 | 373 440 | 413 910 | 53.35 | 10.84 |
| Phosphates | (t) | 170 000 | 144 000 | 137 100 | 150 500 | 150 000 | -11.76 | -0.33 |
| Potash | (t) | 114 900 | 176 900 | 198 400 | 210 000 | 197 600 | 71.98 | -5.90 |
| Steam Coal | (t) | 160 000 | 160 000 | 245 168 | 246 800 | 258 100 | 61.31 | 4.58 |
| Lignite | (t) | 3 878 670 | 4 014 400 | 3 807 600 | 3 869 375 | 4 781 193 | 23.27 | 23.56 |
| Nat. Gas | (Mio m ³) | 56 417 | 59 842 | 60 538 | 49 736 | 53 802 | -4.64 | 8.18 |
| Petroleum | (t) | 2 766 600 | 2 890 915 | 2 816 300 | 2 160 400 | 2 098 400 | -24.15 | -2.87 |
| Uranium | (t) | 4 009 | 4 062 | 4 127 | 4 127 | 4 158 | 3.72 | 0.75 |
| Total | (t) | 52 691 345 | 55 746 320 | 56 242 125 | 47 052 153 | 51 218 149 | | |

Venezuela

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|-----------|------|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Iron | (t) | 4 615 000 | 2 017 500 | 2 062 800 | 1 235 000 | 1 462 500 | -68.31 | 18.42 |
| Aluminium | (t) | 136 000 | 64 700 | 10 000 | 9 996 | 38 340 | -71.81 | 283.55 |
| Bauxite | (t) | 242 000 | 92 000 | 50 000 | 0 | 22 000 | -90.91 | . |
| Gold | (kg) | 8 100 | 9 100 | 9 100 | 9 000 | 9 000 | 11.11 | 0.00 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|------|-------------|-------------|------------|------------|------------|--------|--------|
| Diam. (Gem) | (ct) | 0 | 800 | 0 | 794 | 457 | . | -42.44 |
| Diam. (Ind) | (ct) | 0 | 1 200 | 0 | 0 | 0 | . | . |
| Feldspar | (t) | 30 340 | 30 000 | 30 000 | 30 000 | 30 000 | -1.12 | 0.00 |
| Phosphates | (t) | 19 320 | 16 800 | 21 500 | 20 000 | 20 000 | 3.52 | 0.00 |
| Salt | (t) | 600 000 | 600 000 | 600 000 | 500 000 | 500 000 | -16.67 | 0.00 |
| Sulfur | (t) | 700 000 | 700 000 | 500 000 | 300 000 | 300 000 | -57.14 | 0.00 |
| Steam Coal | (t) | 370 000 | 100 000 | 379 907 | 683 583 | 166 842 | -54.91 | -75.59 |
| Nat. Gas (Mio m ³) | | 38 605 | 31 619 | 25 576 | 21 561 | 23 977 | -37.89 | 11.21 |
| Oil Sands* | (t) | 25 000 000 | 20 000 000 | 18 000 000 | 14 900 000 | 15 000 000 | -40.00 | 0.67 |
| Petroleum | (t) | 114 095 200 | 83 843 240 | 52 057 000 | 32 701 700 | 33 408 500 | -70.72 | 2.16 |
| Total | (t) | 151 691 868 | 112 759 449 | 76 172 016 | 52 729 088 | 55 129 791 | | |

*Oil Sands as part of Petroleum

Vietnam

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------------------------------|------|------------|------------|------------|------------|------------|-----------------|-----------------|
| Iron | (t) | 3 309 000 | 3 353 100 | 3 663 400 | 2 136 200 | 2 190 900 | -33.79 | 2.56 |
| Manganese | (t) | 104 700 | 115 100 | 106 000 | 121 100 | 147 000 | 40.40 | 21.39 |
| Titanium | (t) | 117 160 | 122 250 | 112 680 | 139 760 | 127 070 | 8.46 | -9.08 |
| Tungsten | (t) | 5 141 | 4 881 | 4 816 | 5 970 | 11 735 | 128.26 | 96.57 |
| Antimony | (t) | 230 | 245 | 396 | 312 | 305 | 32.61 | -2.24 |
| Bauxite | (t) | 2 565 000 | 3 569 700 | 3 700 000 | 3 610 000 | 4 100 000 | 59.84 | 13.57 |
| Bismuth | (t) | 2 403 | 2 639 | 917 | 993 | 2 067 | -13.98 | 108.16 |
| Copper | (t) | 21 100 | 25 300 | 29 240 | 30 780 | 33 580 | 59.15 | 9.10 |
| Lead | (t) | 4 500 | 14 500 | 12 500 | 14 100 | 16 350 | 263.33 | 15.96 |
| Tin | (t) | 5 200 | 5 745 | 6 369 | 6 798 | 6 000 | 15.38 | -11.74 |
| Zinc | (t) | 12 000 | 12 000 | 13 000 | 11 150 | 10 700 | -10.83 | -4.04 |
| Gold | (kg) | 557 | 570 | 540 | 559 | 664 | 19.21 | 18.78 |
| Baryte | (t) | 70 000 | 50 000 | 43 000 | 51 500 | 39 600 | -43.43 | -23.11 |
| Fluorspar | (t) | 234 905 | 238 700 | 238 003 | 219 920 | 215 027 | -8.46 | -2.22 |
| Graphite | (t) | 0 | 1 500 | 3 500 | 3 700 | 1 200 | . | -67.57 |
| Kaolin | (t) | 100 000 | 100 000 | 100 000 | 100 000 | 100 000 | 0.00 | 0.00 |
| Phosphates | (t) | 1 376 400 | 1 299 660 | 1 346 880 | 606 650 | 598 400 | -56.52 | -1.36 |
| Salt | (t) | 648 500 | 996 500 | 945 000 | 1 134 600 | 1 287 200 | 98.49 | 13.45 |
| Zircon | (t) | 5 500 | 10 500 | 6 600 | 10 700 | 30 400 | 452.73 | 184.11 |
| Steam Coal | (t) | 38 409 000 | 42 384 000 | 47 158 000 | 44 598 000 | 48 308 000 | 25.77 | 8.32 |
| Nat. Gas (Mio m ³) | | 9 866 | 10 010 | 10 200 | 9 160 | 7 460 | -24.39 | -18.56 |
| Petroleum | (t) | 13 557 000 | 11 989 000 | 11 043 000 | 9 650 000 | 9 100 000 | -32.88 | -5.70 |
| Total | (t) | 68 440 540 | 72 303 321 | 76 693 302 | 69 780 234 | 72 293 535 | | |

Yemen

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|--------|-----|--------|--------|--------|--------|--------|-----------------|-----------------|
| Gypsum | (t) | 50 000 | 50 000 | 20 000 | 20 000 | 20 000 | -60.00 | 0.00 |
| Salt | (t) | 50 000 | 50 000 | 50 000 | 50 000 | 50 000 | 0.00 | 0.00 |

Abbreviations: see Definitions

| | | | | | | | | |
|--------------------------------|--|-----------|-----------|-----------|-----------|-----------|--------|-------|
| Nat. Gas (Mio m ³) | | 300 | 100 | 100 | 130 | 130 | -56.67 | 0.00 |
| Petroleum (t) | | 2 626 100 | 3 853 400 | 3 967 300 | 3 588 000 | 3 544 750 | 34.98 | -1.21 |
| Total (t) | | 2 966 100 | 4 033 400 | 4 117 300 | 3 762 000 | 3 718 750 | | |

Zambia

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|----------------|--|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Cobalt (t) | | 2 649 | 1 766 | 1 271 | 316 | 247 | -90.68 | -21.84 |
| Manganese (t) | | 39 900 | 37 800 | 11 970 | 20 000 | 56 860 | 42.51 | 184.30 |
| Nickel (t) | | | 0 | 2 500 | 2 760 | 3 680 | . | 33.33 |
| Beryllium (t) | | 4 | 7 | 7 | 2 | 6 | 50.00 | 200.00 |
| Copper (t) | | 799 329 | 857 847 | 796 430 | 882 061 | 827 107 | 3.48 | -6.23 |
| Gold (kg) | | 4 373 | 4 044 | 4 522 | 3 994 | 3 987 | -8.83 | -0.18 |
| Sulfur (t) | | 679 500 | 947 800 | 960 200 | 917 300 | 691 900 | 1.82 | -24.57 |
| Steam Coal (t) | | 208 608 | 344 717 | 361 648 | 446 153 | 663 345 | 217.99 | 48.68 |
| Total (t) | | 1 729 994 | 2 189 941 | 2 134 031 | 2 268 596 | 2 243 149 | | |

Zimbabwe

| | | 2017 | 2018 | 2019 | 2020 | 2021 | Change 17/21 | Change 20/21 |
|------------------|--|-----------|-----------|-----------|-----------|-----------|-----------------|-----------------|
| Chromium (t) | | 309 980 | 402 600 | 720 330 | 572 460 | 644 400 | 107.88 | 12.57 |
| Cobalt (t) | | 445 | 403 | 402 | 956 | 230 | -48.31 | -75.94 |
| Nickel (t) | | 16 594 | 17 850 | 16 918 | 16 480 | 16 213 | -2.30 | -1.62 |
| Tungsten (t) | | 3 | 16 | 37 | 30 | 8 | 166.67 | -73.33 |
| Copper (t) | | 8 839 | 9 077 | 8 731 | 7 933 | 8 650 | -2.14 | 9.04 |
| Lithium (t) | | 1 850 | 3 160 | 2 650 | 860 | 1 670 | -9.73 | 94.19 |
| Gold (kg) | | 26 495 | 35 054 | 29 429 | 20 873 | 31 477 | 18.80 | 50.80 |
| Palladium (kg) | | 11 822 | 12 094 | 11 640 | 12 890 | 12 619 | 6.74 | -2.10 |
| Platinum (kg) | | 14 257 | 14 703 | 13 857 | 15 004 | 14 732 | 3.33 | -1.81 |
| Rhodium (kg) | | 1 283 | 1 334 | 1 224 | 1 368 | 1 334 | 3.98 | -2.49 |
| Diam. (Gem) (ct) | | 752 360 | 975 730 | 423 840 | 534 090 | 845 040 | 12.32 | 58.22 |
| Diam. (Ind) (ct) | | 1 755 500 | 2 276 690 | 1 695 350 | 2 136 370 | 3 380 140 | 92.55 | 58.22 |
| Graphite (t) | | 1 577 | 0 | 0 | 0 | 0 | -100.00 | . |
| Phosphates (t) | | 18 000 | 15 400 | 8 100 | 13 500 | 11 900 | -33.89 | -11.85 |
| Vermiculite (t) | | 23 302 | 33 161 | 25 524 | 26 388 | 27 713 | 18.93 | 5.02 |
| Steam Coal (t) | | 2 682 650 | 3 049 730 | 2 486 960 | 2 517 060 | 2 759 100 | 2.85 | 9.62 |
| Coking Coal (t) | | 245 549 | 297 770 | 242 960 | 233 830 | 486 900 | 98.29 | 108.23 |
| Total (t) | | 3 308 842 | 3 829 231 | 3 512 668 | 3 389 547 | 3 956 845 | | |

Abbreviations: see Definitions

Federal Ministry of Finance

Johannesgasse 5, 1010 Vienna, Austria

+43 1 514 33 0

wmd@bmf.gv.at

bmf.gv.at