

British Geological Survey

# World Mineral Statistics 1996-2000

## EUROPE

**dti**

Minerals Programme



BRITISH GEOLOGICAL SURVEY

DTI Minerals Programme Publication No. 11

World Mineral Statistics  
1996–2000

EUROPE

Production: Exports: Imports

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### EXPLANATORY NOTES

The statistics in this publication are from a more comprehensive database that is published as *World Mineral Statistics 1996-2000*.

#### *Coverage*

*World Mineral Statistics: Europe* covers the majority of economically important, and internationally traded, mineral commodities. For each commodity constant efforts are made to ensure that as many producing and trading countries as possible are reported and that trade data cover all major traded forms. For some commodities, where statistics on production and trade are not publicly available, estimates are made. Users of this compilation are advised that more statistical information than can be included in a publication of this nature is held in the BGS files and is available for consultation.

#### *Production*

*Metals* Mine production of many metals is expressed in terms of metal content. This is clearly indicated adjacent to the commodity description. Unless otherwise specified, metal production statistics relate to metal recovered from both domestic or imported materials, whether primary or secondary, but exclude remelted material.

#### *Trade*

Although every effort has been made to provide comprehensive coverage of trade statistics the resulting trade compilations depend on the nature of the data available. The fact that a country is not shown as trading in a particular commodity does not necessarily imply that there is no trade in that item. The commodity may not be separately identified in the available trade statistics or may not be traded in significant quantities.

Where an estimate for a trade statistic has been reconstructed from the imports/exports of other countries, the resulting figure may be conservative, as complete coverage of world trade is seldom available.

Export statistics may include re-exports. The distinction is only made when re-exports are recorded separately in the relevant national trade account and are deemed to be significant.

Tables showing trade in the following metals covered by Harmonised System Chapter 81 include under the term 'metal', unwrought and wrought forms, powder, alloys, waste and scrap, unless these are separately shown: antimony, bismuth, cadmium, chromium, cobalt, manganese, molybdenum, tantalum-niobium, titanium, tungsten, vanadium and zirconium. Trade tables of other metals include only unwrought forms under the term 'metal'.

#### *Exclusion of Warranty*

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#### *Acknowledgements*

Compilation of this volume of mineral statistics has been possible only by obtaining information from a very large number of organisations throughout the world, chiefly home and overseas government departments and specialist national or international authorities concerned with particular sectors of the minerals or metals industries. To all these bodies the British Geological Survey expresses its grateful acknowledgement for the information made available, whether in published form or provided by direct correspondence.

Particular acknowledgement is made to the Mines Departments and other government agencies of many countries whose regular statements, yearbooks and other reports are worthy of direct consultations by readers in search of detail.

Specialist commodity organisations which have kindly allowed information to be reproduced include the International Copper Study Group, the International Lead and Zinc Study Group, the International Nickel Study Group and the International Fertilizer Industry Association Ltd. In a few instances, information on specific commodities has been obtained directly from company sources. The co-operation of other members of the International Consultative Group on Non-Ferrous Metal Statistics is also gratefully acknowledged.

Supplementary information is also obtained from publications dealing with a wider range of commodities such as Société de l'Industrie Minérale, *Annuaire Statistique Mondial des Minerais et Métaux*; Mining Journal, *Mining Annual Review*; World Bureau of Metal Statistics, *World Metal Statistics*; World Bureau of Metal Statistics, UBS Warburg and Enron Metals Limited, *Metallstatistik*; publications of the Interstate Statistical Committee of the CIS, the United States Geological Survey, and the United Nations Statistics Division and UN agencies.

### *Units*

The Statistics shown in this volume are expressed in metric units. The following factors are given for converting to non-metric units:

tonnes  $\times$  0.9842 = long tons

tonnes  $\times$  1.1023 = short tons

kilograms  $\times$  2.2046 = pounds

kilograms  $\times$  32.1507 = troy ounces

cubic metres  $\times$  35.3147 = cubic feet

1 tonne of crude petroleum equals on average 7 barrels of crude petroleum.

1 flask mercury = 34.5 kilograms

1 metric ton unit = 10 kilograms

Conversion of national currencies to pounds sterling has been made using the annual average factors shown for each country in *International Financial Statistics* published by the International Monetary Fund.

### *Symbols*

... figures not available

0 quantity less than half unit shown

---- nil

\* estimated

BGS British Geological Survey

S.I.T.C. Standard International Trade Classification

## TABLE NOTES

### Bauxite - production

- (1) Including production of refractory bauxite

### Alumina - production

- (1) Where possible figures show the alumina equivalent ( $Al_2O_3$ ) of total hydrate produced, whether or not calcined

### Bauxite, alumina and aluminium - exports and imports

- (1) Except where alumina hydrate is separately specified, national trade figures for alumina can be considered as inclusive of hydrate
- (2) The term 'unwrought' aluminium corresponds to item 7601 of the Harmonised System and comprises ingots, blocks, unwrought bars, etc.
- (3) Metal traded in ferro-alloy form is included under Iron, Steel and Ferro-alloys

### Antimony - mine production

- (1) Including antimony content of antimonial lead alloys
- (2) Hungary is also believed to produce antimony

### White arsenic - production

- (1) Including calculated trioxide equivalent of arsenic metal produced except where this would involve double counting
- (2) Austria, former Czechoslovakia, Finland, Hungary, Spain, United Kingdom and former Yugoslavia are also believed to produce arsenic

### Arsenic - exports and imports

- (1) Data relating to arsenic are not fully recorded by many countries

### Asbestos - production

- (1) Romania is also believed to produce asbestos

### Barytes - production

- (1) Small quantities of witherite may be included

### Barytes - exports and imports

- (1) Trade in barytes is reported under item 2511 of the Harmonised System and is described as 'barytes and witherite'. However, only small quantities of witherite are traded

### Production of Bentonite and Fuller's Earth

- (1) Bentonites consist of montmorillonite (one of the smectite group of clay minerals) and occur in two main varieties, calcium bentonite, the most commonly occurring, and sodium bentonite, industrially the more important
- (2) Calcium bentonite can be converted to sodium bentonite by a sodium-exchange process
- (3) In some countries, such as the United Kingdom, calcium bentonite is known as fuller's earth, a term which is also used to refer attapulgit, a mineralogically distinct clay mineral but exhibiting similar properties
- (4) Austria is believed to produce bentonite. France may produce fuller's earth

### Bentonite and Fuller's Earth - exports and imports

- (1) See notes 1 - 3 under production
- (2) The figures refer to natural and sodium-exchanged bentonite, and fuller's earth, Harmonised System 2508.10 and 2580.20
- (3) Activated bentonite and fuller's earth, Harmonised System 3802.90 are excluded
- (4) Some countries are believed to include sodium-exchanged bentonite, often referred to as activated bentonite, under Harmonised System 3802.90, e.g. Italy

### Bismuth - mine production

- (1) In some instances the figures are derived from reported bismuth content of refined and impure metal plus recoverable in ores and concentrates exported
- (2) Production for some countries may include bismuth produced from imported ores but it is thought that any resulting duplication is insignificant in the countries shown

### Bismuth - exports and imports

- (1) The compounds are bismuth carbonate and/or bismuth nitrate

### Bromine - exports and imports

- (1) Trade in bromine is not separately distinguished from other halogens by many countries

### Cadmium - production

- (1) Data exclude secondary metal unless otherwise stated

### Chromium ores and concentrates - production

- (1) Bulgaria is also believed to produce chromite

### Chromium - exports and imports

- (1) Metal traded in ferro-alloy form is included under Iron, Steel and Ferro-alloys

### Coal - production

- (1) There is no international agreement as to the separate definition of lignite and brown coal. In some cases they are distinguished. Elsewhere both may be aggregated under one or other term

### Coal - exports

- (1) Excludes bunker shipments

### Cobalt - mine production

- (1) There is frequently a considerable disparity between the cobalt content of ore raised and cobalt actually recovered
- (2) Figures relate where possible to cobalt recovered

### Cobalt metal - production

- (1) In addition, several countries including the United Kingdom, Finland and France are known to produce substantial amounts of cobalt compounds

### Copper - smelter production

- (1) Primary metal in the form of blister and anode produced from concentrates is shown, and may include copper produced from scrap but this is excluded when it can be separately identified

### Refined copper - production

- (1) Figures relate to both primary and secondary refined copper, whether electrolytic or fire refined. Metal recovered from secondary materials by remelting alone is excluded
- (2) Albania also produces refined copper

### Copper - exports and imports

- (1) The term 'unwrought' copper corresponds to items 7402, 7403 and 7405 of the Harmonised System and includes both unrefined (including blister) and refined copper
- (2) The term 'unwrought', as used here, includes alloys unless these are separately specified. The term 'scrap' includes scrap alloys

### Diamond - production

- (1) Production of synthetic diamond is excluded

#### Diamond - exports and imports

- (1) Carats have been used as the unit except where the only obtainable figure is the value. In these cases the national currency figure has been converted to £ sterling
- (2) See explanatory notes at the front of the volume regarding currency conversion
- (3) The term 'Dust' corresponds to item 7105.10 of the Harmonised System and includes both natural and synthetic diamond dust

#### Fluorspar - production

- (1) Bulgaria is also believed to produce fluorspar

#### Germanium metal - production

- (1) Significant quantities of germanium are also believed to be recovered from imported or domestic material in France, Germany, Russia and to a lesser extent in Italy

#### Gold - mine production

- (1) In several countries substantial amounts of gold produced in small operations are not recorded in the official statistics
- (2) Greece and Norway are believed to produce gold

#### Gold - exports and imports

- (1) The term 'metal' includes both unwrought and partly worked gold and alloys but excludes gold coin

#### Graphite - production

- (1) Including all forms of amorphous and crystalline graphite but excluding synthetic material

#### Graphite - exports and imports

- (1) Excluding synthetic graphite

#### Gypsum - production

- (1) Some countries produce large quantities of synthetic gypsum. Where possible, this output is excluded

#### Gypsum - exports & imports

- (1) The term 'crude' may include some anhydrite

#### Pig iron - production

- (1) Sponge iron and direct reduced iron (DRI) are included where these have been separately identified

#### Crude steel - production

- (1) Figures include production from scrap unless otherwise indicated
- (2) Small amounts of steel are believed to be produced in Albania, Azerbaijan, Estonia, Lithuania and Macedonia

#### Iron, steel and ferro-alloys - exports and imports

- (1) The term 'ingots, blooms, billets' corresponds to items 7206, 7207, 7218 and 7224 of the Harmonised System which includes those of alloy and high carbon steel

#### Kaolin - production

- (1) Denmark is also believed to produce kaolin

#### Refined Lead - production

- (1) Figures relate to both primary and secondary refined lead and include the lead content of antimonial lead. Metal recovered from materials by remelting alone is excluded

#### Lead - exports and imports

- (1) The term 'unwrought' lead corresponds to item 7801 of the Harmonised System and comprises base bullion, pigs, unwrought bars, etc

#### Lithium minerals - production

- (1) Russia also produces lithium minerals

#### Magnesite - production

- (1) Bulgaria is also believed to produce magnesite

#### Magnesite and magnesia - exports and imports

- (1) The term 'magnesia', as used here, includes dead-burned, sintered and caustic-burned (caustic calcined) material

#### Manganese - exports and imports

- (1) Metal traded in ferro-alloy form is included under Iron, Steel and Ferro-alloys

#### Mercury - production

- (1) Several countries are believed to have unrecorded production of mercury from copper electro-winning processes

#### Mica - production

- (1) Romania is also believed to produce mica

#### Mica - exports and imports

- (1) Data show unmanufactured mica and include sheet, block, splittings, ground and waste, unless these are separately specified. Mica powder is included under the term 'ground'

#### Molybdenum - mine production

- (1) Georgia and Romania are also believed to produce molybdenum

#### Molybdenum - exports and imports

- (1) Metal traded in ferro-alloy form is included under Iron, Steel and Ferro-alloys

#### Nickel - smelter/refinery production

- (1) Data relate to refined nickel plus the nickel content of ferro-nickel, nickel oxide and nickel salts

#### Nickel - exports and imports

- (1) The term 'unwrought' nickel corresponds to item 7502 of the Harmonised System which excludes all electro-plating anodes
- (2) Metal traded in ferro-alloy form is included under Iron, Steel and Ferro-alloys

#### Perlite - production

- (1) Iceland and former Yugoslavia are also believed to produce perlite

#### Crude petroleum - production

- (1) The figures exclude natural gasoline

#### Natural gas - production

- (1) Flared or reinjected gas is excluded as far as possible

#### Platinum Group Metals - mine production

- (1) Wherever possible, figures relate to quantities of platinum group metals thought to be recovered from ores originating in the country stated
- (2) Figures for metal production are only given for countries where recovery is thought to be based predominantly on domestic materials or on imported materials which have not been recorded as mine production elsewhere
- (3) Bulgaria is also believed to produce platinum group metals

#### Platinum group metals - exports and imports

- (1) The term 'Platinum' and/or 'Platinum metals' includes unwrought, partly worked and alloys

#### Rare earth minerals - production

- (1) Figures refer to gross tonnage of concentrates
- (2) Rare earth minerals are believed to be produced in the former Soviet Union

#### Rare earths - exports and imports

- (1) Rare earths are here taken to include yttrium and scandium

#### Salt - production of

- (1) Refined salt is excluded

#### Sillimanite minerals - production

- (1) A number of other countries produce sillimanite minerals but details of output are not reported
- (2) In addition to the countries producing sillimanite minerals, synthetic mullite is known to be produced in Denmark, France, Hungary, former Yugoslavia, United Kingdom

#### Sillimanite minerals - exports and imports

- (1) 'Sillimanite minerals' is understood to include any or all of andalusite, kyanite, sillimanite and mullite

#### Silver - exports and imports

- (1) Excluding silver coin but including silver shipped for minting
- (2) The term 'metal' includes both unwrought and partly worked silver and alloys

#### Strontium minerals - production

- (1) Germany and Poland are also believed to produce strontium minerals

#### Tantalum and niobium minerals - production

- (1) Niobium and tantalum minerals are believed to be produced in Russia
- (2) The figures refer to gross tonnage of tantalum and niobium concentrates
- (3) Niobium and tantalum are also recovered from tin slags. This source is particularly important in the case of tantalum and in recent years is believed to have accounted for over 60% of all tantalum recovered
- (4) No detailed information on the production of tantalum bearing tin slags is available. Portugal is a small producer

#### Tantalum and niobium - exports and imports

- (1) Metal traded in ferro-alloy form is included under Iron, Steel and Ferro-alloys

#### Tellurium metal - production

- (1) Germany and former Soviet Union are also believed to produce tellurium metal

#### Tin - exports and imports

- (1) The term 'unwrought' tin corresponds to item 8001 of the Harmonised System and comprises ingots, pigs, unwrought bars, sticks, etc

#### Titanium minerals - production

- (1) The figures refer to gross tonnage of titanium concentrates

#### Titanium - exports and imports

- (1) Significant quantities of titanium slag are traded, but it is not always possible to identify this material in national trade accounts
- (2) So far as possible, the term 'oxides', includes oxides and oxide based pigments classified under Harmonised System items 2823 and 3206.10
- (3) Metal traded in ferro-alloy form is included under Iron, Steel and Ferro-alloys

#### Tungsten - exports and imports

- (1) Significant amounts of tungsten are traded in the forms of ammonium paratungstate (APT) and carbide. Though statistics are included where available, most countries do not separately distinguish these forms in their trade accounts
- (2) Metal traded in ferro-alloy form is included under Iron, Steel and Ferro-alloys

#### Mine Production of Vanadium

- (1) Vanadium in slag products is included but vanadium recovered as a byproduct of the refining and burning of heavy oils is excluded

#### Vanadium - exports and imports

- (1) The term 'pentoxide' also includes vanadium oxides and hydroxides, if any
- (2) Metal traded in ferro-alloy form is included under Iron, Steel and Ferro-alloys

#### Wollastonite - production

- (1) Turkey is also believed to produce wollastonite

#### Zinc - exports and imports

- (1) The term 'unwrought' zinc corresponds to item 7901 of the Harmonised System and comprises blocks, pigs, slabs, etc

#### Zirconium minerals - production

- (1) The term 'zirconium minerals' is understood to mean zircon, unless otherwise stated

#### Zirconium - exports and imports

- (1) Metal traded in ferro-alloy form is included under Iron, Steel and Ferro-alloys



# **STATISTICAL TABLES**

## Albania

### Production

Commodity	Units	1996	1997	1998	1999	2000
Bauxite	tonnes	3 380	4 453	4 128	4 624	*3 000
Chromium ores and concentrates	tonnes	236 358	157 203	124 000	130 000	117 000
Coal						
Lignite	tonnes	90 000	40 000	48 706	32 595	20 666
Copper, mine	tonnes (metal content)	2 630	324	2 300	869	----
Ferro-alloys						
Ferro-chrome	tonnes	31 189	31 454	30 252	28 120	8 744
Crude petroleum	tonnes	488 214	359 666	309 000	268 000	213 000
Natural gas	million m <sup>3</sup>	23	18	16	13	11
Salt						
Sea salt	tonnes	7 000	22 732	15 865	24 689	20 596

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Chromium						
Ores & concentrates	tonnes	89 200	55 600	52 058	13 399	30 684
Copper						
Scrap	tonnes	(a) *1 700	(a) *4 800	(a) *200	(a) *700	1 989
Iron ore	tonnes	39 780	1 243	1 737	1 679	----
Iron, steel and ferro-alloys						
Ferro-chrome	tonnes	(a) *32 400	(a) *22 700	(a) *26 700	(a) *33 400	21 609
Ferro-silico-manganese	tonnes	15 920	...	508	25	...
Scrap	tonnes	3 406	11 684	(a) *3 900	(a) *3 800	(a) *12 600
Kaolin	tonnes	10 060	*10 000	54	0	----
Lead						
Scrap	tonnes	(a) *100	(a) *500	(a) *500	(a) *400	96
Salt	tonnes	13 830	1 925	251	20	273
Tungsten						
Ore	tonnes	...	...	...	1 009	171

Note(s):-

(a) BGS estimates, based on known imports into certain countries

### Imports

Commodity	Units	1996	1997	1998	1999	2000
Barytes	tonnes	3 810	1 701	22	23	2
Gypsum						
Crude & calcined	tonnes	5 715	2 343	314	494	3 974
Iron, steel and ferro-alloys						
Ingots, blooms, billets	tonnes	3 420	1 306	2 261	4 570	29 974
Phosphates	tonnes	13 300	10 700	...	35	39
Salt	tonnes	3 104	3 179	6 028	9 298	8 796

## Armenia

### Production

Commodity	Units	1996	1997	1998	1999	2000
Bentonite and fuller's earth						
Bentonite	tonnes	5 000	*3 000	*3 000	3 493	2 807
Coal	tonnes	6 000	5 000	-----	-----	...
Copper, mine	tonnes (metal content)	9 088	6 770	9 158	9 830	12 234
Gold, mine	kilograms (metal content)	244	*500	*350	*400	*400
Gypsum	tonnes	15 000	*10 000	...	11 652	9 630
Molybdenum, mine	tonnes (metal content)	*1 800	*1 800	*2 600	2 756	3 082
Perlite	tonnes	350 000	160 000	220 000	90 000	90 000
Salt	tonnes	26 428	22 642	24 911	26 955	30 030

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Scrap	tonnes	*10 000	13 740	*14 000	9 965	...
Bentonite and fuller's earth						
Bentonite	tonnes	...	3 333	(a) *700	3 614	(a) *2 300
Copper						
Ore	tonnes	...	30 942	(a) *138 600	46 463	...
Scrap	tonnes	(a) *500	(a) *200	(a) *1 200	4 172	...
Gold						
Metal	kilograms	202	79	1 123	3 435	...
Waste & scrap	kilograms	2 500	2 527	201	(a) *600	(a) *300
Iron, steel and ferro-alloys						
Scrap	tonnes	65 000	234 316	186 000	55 322	...
Salt	tonnes	...	3 863	2 000	1 515	...

Note(s):-

(a) BGS estimates, based on known imports into certain countries

### Imports

Commodity	Units	1996	1997	1998	1999	2000
Gold						
Metal	kilograms	196	154	100	557	1 339

# Austria

## Production

Commodity	Units	1996	1997	1998	1999	2000
Coal						
Brown coal & lignite	tonnes	1 108 058	1 130 339	1 140 151	1 137 388	1 254 605
Copper, refined	tonnes	69 120	74 093	74 786	74 075	...
Graphite (a)	tonnes	33 122	12 582	10 738	2 635	669
Gypsum						
Gypsum	tonnes	887 730	894 398	872 468	898 830	825 077
Anhydrite	tonnes	97 167	79 528	88 932	100 374	120 967
Iron ore	tonnes	1 860 300	1 794 129	1 792 000	1 747 000	1 855 000
Pig iron	tonnes	3 429 208	3 965 864	4 034 229	3 926 094	4 300 000
Crude steel	tonnes	4 442 000	5 181 000	5 282 000	5 202 000	5 722 000
Ferro-alloys						
Ferro-molybdenum	tonnes	4 300	4 600	4 900	4 900	4 700
Ferro-nickel	tonnes	3 900	3 700	3 300	2 600	3 300
Ferro-vanadium	tonnes	5 600	5 900	5 900	6 400	5 900
Kaolin	tonnes	31 833	42 654	39 666	30 759	*25 000
Lead, refined	tonnes	22 188	21 941	23 248	23 773	*24 000
Magnesite	tonnes	710 620	790 297	722 876	748 635	725 832
Manganese ore (b)	tonnes	35 255	33 909	33 869	33 018	35 060
Nickel, smelter/refinery	tonnes	2 000	2 000	1 800	1 500	1 300
Crude petroleum	tonnes	992 398	972 340	959 285	962 393	970 513
Natural gas	million m <sup>3</sup>	1 492	1 428	1 568	1 741	1 805
Salt						
Rock salt	tonnes	923	1 103	1 343	1 481	1 280
Salt in brine	tonnes	755 000	704 000	734 000	808 000	939 000
Sulphur and pyrites						
Recovered (c)	tonnes (sulphur content)	36 052	49 494	52 862	49 753	50 377
Talc	tonnes	129 748	141 984	137 114	129 576	133 060
Tungsten, mine	tonnes (metal content)	1 072	1 138	1 077	1 218	1 237

Note(s):-

(a) Crude

(b) Mn content of domestic iron ore

(c) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought	tonnes	5 609	4 800	14 444	8 317	7 666
Unwrought alloys	tonnes	69 802	62 467	72 884	77 157	84 770
Scrap	tonnes	42 049	40 028	44 360	55 512	54 104
Antimony						
Metal	tonnes	43	59	47	8	1
Bentonite and fuller's earth						
Bentonite	tonnes	...	6 757	7 281	1 239	2 881
Chromium						
Ores & concentrates	tonnes	500	203	526	709	729
Metal	tonnes	180	1 057	2 956	3 015	3 198
Cobalt						
Metal	tonnes	63	75	126	80	87
Copper						
Unwrought	tonnes	73 521	97 477	104 976	90 720	104 410
Unwrought alloys	tonnes	6 312	2 330	1 746	624	1 509
Scrap	tonnes	27 171	23 045	23 901	19 450	19 797
Diamond						
Gem, cut	carats	40 476	5 614	3 132	3 630	...
Industrial	carats	1 543	2 229	1 308	9 756	...
Dust	carats	1 100 000	815 000	746 960	3 976 470	8 500 000
Diatomite	tonnes	...	7 852	7 187	6 197	7 177
Feldspar	tonnes	22 180	20 668	22 547	14 943	6 295
Fluorspar	tonnes	...	21	117	90	233
Gold						
Metal	kilograms	3 111	1 900	2 700	3 200	54 400
Waste & scrap	kilograms	56 000	6 000	600	200	1 600

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Graphite	tonnes	5 344	4 063	3 902	3 463	3 655
Gypsum						
Crude	tonnes	...	57 692	55 761	61 727	51 999
Calcined	tonnes	...	90 321	88 194	102 614	87 510
Iron, steel and ferro-alloys						
Pig iron	tonnes	1 980	679	185	717	631
Ferro-alloys	tonnes	20 802	5 889	7 595	5 518	3 310
Ingots, blooms, billets	tonnes	163 078	236 630	219 382	227 262	248 303
Scrap	tonnes	582 403	653 254	573 400	558 267	789 435
Kaolin	tonnes	4 900	5 037	2 965	2 743	3 235
Lead						
Unwrought	tonnes	5 999	5 434	6 380	5 066	4 519
Magnesite and magnesia						
Magnesite	tonnes	100	89	80	880	...
Magnesia	tonnes	94 754	132 283	95 145	18 437	...
Manganese						
Metal	tonnes	752	311	58	2 517	21 614
Mercury	kilograms	1 000	8 400	67 100	2 100	8 400
Mica	tonnes	2 500	2 870	3 431	3 634	2 629
Molybdenum						
Metal	tonnes	1 651	1 747	1 684	1 700	1 864
Oxides	tonnes	654	81	85	1	36
Nickel						
Mattes, sinters etc.	tonnes	1 395	77	109	49	99
Unwrought (a)	tonnes	339	1 069	524	586	908
Scrap	tonnes	166	398	219	471	307
Crude petroleum	tonnes	...	48 276	51 392	52 941	57 085
Phosphates	tonnes	...	196	3 086	1 452	1 397
Platinum metals						
Platinum & platinum metals	kilograms	1 741	600	700	1 200	100
Waste & scrap	kilograms	1 300	400	600	600	100
Rare earths						
Cerium compounds	tonnes	553	485	416	1 169	...
Other rare earth compounds	tonnes	1 651	1 260	1 111	1 767	...
Metals	tonnes	278	619	725	643	...
Silver						
Metal	kilograms	52 016	54 900	57 500	133 700	50 900
Sulphur and pyrites						
Sulphur, sublimed & precipitated	tonnes	12 679	6 064	3 012	4 907	5 998
Talc	tonnes	145 925	146 131	157 732	159 206	129 226
Tantalum and niobium						
Tantalum	tonnes	36	43	47	66	118
Tin						
Unwrought (a)	tonnes	167	102	78	106	51
Scrap	tonnes	131	179	241	294	167
Titanium						
Metal	tonnes	167	239	121	194	204
Oxides	tonnes	1 565	2 194	2 195	2 904	2 487
Tungsten						
Metal	tonnes	1 265	1 060	830	1 399	1 062
Vanadium						
Pentoxide	tonnes	472	...	...	...	...
Zinc						
Unwrought (a)	tonnes	2 977	13 108	14 955	18 948	20 746
Scrap	tonnes	2 869	3 079	3 537	2 360	3 345

Note(s):-

(a) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	23 000	27 949	26 811	26 336	24 404
Alumina	tonnes	43 932	47 437	29 867	41 975	50 969
Alumina hydrate	tonnes	5 069	5 175	5 888	3 252	5 612
Unwrought	tonnes	95 343	104 678	134 156	110 380	116 717
Unwrought alloys	tonnes	100 137	138 453	119 015	115 108	139 214
Scrap	tonnes	81 446	110 492	118 056	126 037	...
Antimony						
Metal	tonnes	93	192	221	131	174
Oxide	tonnes	202	176	226	262	252
Arsenic						
Metallic arsenic	tonnes	18	18	22	1	----
Barytes	tonnes	2 992	2 924	2 488	2 382	3 439
Bentonite and fuller's earth						
Bentonite	tonnes	...	45 596	50 393	40 604	52 361
Bismuth						
Metal	tonnes	21	...	6	17	18
Bromine	kilograms	97 600	104 900	164 200	83 000	...
Cadmium						
Metal	tonnes	...	1	1	7	1
Oxide	tonnes	85	64	56	40	44
Chromium						
Ores & concentrates	tonnes	48 157	55 345	34 793	34 979	36 490
Metal	tonnes	147	611	452	771	2 050
Coal						
Hard coal (a)	tonnes	...	3 796 610	3 577 943	3 355 572	3 412 703
Brown coal	tonnes	...	18 863	10 899	20 345	38 117
Briquettes	tonnes	...	139 250	105 177	109 408	117 219
Cobalt						
Metal	tonnes	283	439	340	332	537
Copper						
Unwrought, unrefined	tonnes	7 962	3 468	3 710	1 659	...
Unwrought, refined	tonnes	34 438	39 497	35 536	26 540	36 391
Unwrought alloys	tonnes	5 993	3 138	3 873	5 137	4 435
Scrap	tonnes	55 765	90 668	82 586	88 130	81 509
Diamond						
Unsorted	carats	25 602	4 199	6 554	13 205	...
Gem	carats	32 082	17 639	23 076	35 716	...
Industrial	carats	16 718	63 103	53 712	653	...
Dust	carats	12 430 000	15 984 000	23 571 880	24 887 565	33 500 000
Diatomite	tonnes	...	19 156	16 869	20 392	22 891
Feldspar	tonnes	4 010	4 377	3 238	3 124	3 844
Fluorspar	tonnes	7 114	7 529	5 704	3 959	1 923
Gold						
Metal	kilograms	18 365	41 500	53 200	40 700	25 700
Waste & scrap	kilograms	200	1 000	600	1 600	1 400
Graphite	tonnes	7 038	9 616	9 223	7 670	7 611
Gypsum						
Crude	tonnes	...	22 130	20 698	21 638	29 926
Calcined	tonnes	...	48 817	43 945	47 614	31 735
Iodine	kilograms	42 000	87 100	97 900	73 100	69 300
Iron ore	tonnes	4 335 000	5 101 249	5 237 875	4 349 862	...

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
<b>Iron, steel and ferro-alloys</b>						
Pig iron	tonnes	18 614	17 428	24 618	22 503	29 401
Sponge & powder	tonnes	8 001	10 066	10 648	10 519	11 258
Ferro-chrome	tonnes	22 895	26 550	24 032	19 629	31 129
Ferro-silico-chrome	tonnes	639	748	1 012	340	26
Ferro-silico-magnesium	tonnes	860	968	1 248	1 239	969
Ferro-manganese	tonnes	15 596	20 357	21 744	20 115	18 565
Ferro-silico-manganese	tonnes	16 051	16 505	17 155	8 933	3 615
Ferro-molybdenum	tonnes	1 000	1 068	942	683	1 524
Ferro-niobium & ferro-niobium-tantalum	tonnes	305	369	620	388	361
Ferro-phosphorus	tonnes	952	817	964	955	1 876
Ferro-silicon	tonnes	12 317	16 575	21 433	17 623	18 929
Ferro-titanium & Fe-Si-Ti	tonnes	492	684	1 156	681	865
Ferro-tungsten & Fe-Si-W	tonnes	443	422	589	483	868
Ferro-vanadium	tonnes	536	612	1 025	1 285	1 575
Other ferro-alloys	tonnes	1 340	1 187	3 504	1 371	1 790
Silicon metal	tonnes	6 771	16 749	6 728	6 298	6 659
Ingots, blooms, billets	tonnes	121 689	110 803	272 943	167 328	183 202
Scrap	tonnes	400 628	682 250	685 810	578 309	695 834
Kaolin	tonnes	227 000	227 663	216 307	222 559	250 552
<b>Lead</b>						
Unwrought	tonnes	40 425	44 295	50 910	36 534	40 438
Scrap	tonnes	6 395	4 469	2 314	2 351	2 538
<b>Lithium</b>						
Carbonate	tonnes	46	61	280	106	118
<b>Magnesite and magnesia</b>						
Magnesite	tonnes	132 700	176 566	136 780	108 884	135 281
Magnesia	tonnes	29 900	49 691	53 684	32 182	30 013
<b>Manganese</b>						
Metal	tonnes	1 706	1 882	2 143	8 287	14 288
Mercury	kilograms	1 100	9 900	900	1 500	300
Mica	tonnes	282	597	604	696	483
<b>Molybdenum</b>						
Ores & concentrates	tonnes	3 665	5 566	232	...	...
Metal	tonnes	182	255	289	163	198
Oxides	tonnes	2 681	2 378	2 761	2 139	...
<b>Nickel</b>						
Mattes, sinters etc.	tonnes	126	164	334	245	197
Unwrought (b)	tonnes	3 419	3 503	3 618	3 742	7 296
Scrap	tonnes	754	176	84	73	620
Oxides	tonnes	18	49	24	151	765
Crude petroleum	tonnes	...	8 467 771	8 396 114	7 684 052	7 314 935
Phosphates	tonnes	207 200	238 676	295 555	299 372	...
<b>Platinum metals</b>						
Platinum & platinum metals	kilograms	5 506	7 100	4 000	4 400	1 600
<b>Potash</b>						
Fertiliser salts (c)	tonnes	2 049	5 098	8 781	5 281	...
Sulphate (c)	tonnes	5 688	4 453	5 591	6 118	...
Chloride (c)	tonnes	141 533	57 371	60 691	64 807	...
Other potassic fertilisers (c)	tonnes	726	1 215	1 508	1 418	...
<b>Rare earths</b>						
Cerium compounds	tonnes	484	780	192	1 169	1 781
Other rare earth compounds	tonnes	810	715	1 505	1 767	3 188
Metals	tonnes	276	673	769	643	929
Salt	tonnes	210 100	83 561	82 949	146 444	122 300
Sillimanite	tonnes	3 256	2 414	11 483	2 447	1 471
<b>Silver</b>						
Metal	kilograms	80 321	88 100	125 200	254 500	136 700
<b>Sulphur and pyrites</b>						
Pyrites	tonnes	570	546	1 096	373	731
Sulphur, crude	tonnes	42 000	45 600	60 091	45 155	...
Sulphur, refined	tonnes	...	4 151	5 157	8 328	15 346
Sulphur, sublimed & precipitated	tonnes	26 989	1 546	5 306	4 477	3 642
Talc	tonnes	24 123	19 304	15 748	42 804	25 441
<b>Tantalum and niobium</b>						
Tantalum	tonnes	49	1	4	1	2

## Austria

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Tin						
Unwrought (b)	tonnes	822	806	641	820	875
Scrap	tonnes	52	44	86	114	136
Titanium						
Metal	tonnes	338	510	608	454	683
Oxides	tonnes	15 896	20 658	18 986	16 942	18 838
Tungsten						
Ore	tonnes	300	1 800	1 500	1 000	...
Metal	tonnes	730	355	459	380	358
Carbide	tonnes	...	...	...	278	449
Vanadium						
Vanadiferous residues	tonnes	*26 000	*27 000	*27 000	*29 000	*27 000
Ores & concentrates	tonnes	...	...	50	873	506
Pentoxide	tonnes	3 174	3 110	2 030	2 752	2 206
Metal	tonnes	----	45	88	6	12
Zinc						
Unwrought	tonnes	43 104	46 741	58 890	47 261	45 015
Unwrought alloys	tonnes	14 428	17 913	18 882	16 079	16 126
Scrap	tonnes	893	1 310	947	721	891
Zirconium						
Concentrates	tonnes	2 177	591	900	1 017	1 684

## Note(s):-

(a) Including anthracite

(b) Including alloys

(c) K<sub>2</sub>O content



## Azerbaijan

### Production

Commodity	Units	1996	1997	1998	1999	2000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	----	----	----	77 000	217 200
Bentonite and fuller's earth						
Bentonite	tonnes	65 000	70 000	...	...	...
Gypsum	tonnes	5 000	2 000	3 300	...	...
Iodine	kilograms	15 000	5 000	...	...	...
Crude petroleum	tonnes	9 100 300	9 100 000	11 400 000	13 800 000	14 100 000
Natural gas	million m <sup>3</sup>	6 305	5 960	5 590	5 997	5 643
Salt	tonnes	10 000	2 500	3 518	2 978	3 801

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	...	...	3 280	75 559	213 303
Unwrought	tonnes	1 044	6 709	7 643	22 808	13 102
Scrap	tonnes	...	...	492	3 836	12 174
Barytes	tonnes	2 000	2 000	1 780	1 920	2 667
Bentonite and fuller's earth						
Bentonite	tonnes	65 300	68 100	34 570	1 111	66
Copper						
Scrap	tonnes	...	(a) *400	160	6 487	12 439
Gypsum	tonnes	10 746	...	...	2 738	1 310
Iodine	kilograms	9 000	7 000	...	...	2 000
Iron, steel and ferro-alloys						
Scrap	tonnes	11 717	15 100	6 937	13 021	149 496
Crude petroleum	tonnes	...	292 669	2 149 337	4 268 465	5 511 642
Platinum metals						
Waste & scrap (a)	kilograms	...	*24 300	*50	...	...

Note(s):-

(a) BGS estimates, based on known imports into certain countries

### Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	76 014	----	----	...	603 461
Asbestos	tonnes	...	...	2 589	2 976	8 252
Barytes	tonnes	9 400	*9 400	9 364	14 765	34 332
Gypsum						
Crude & calcined	tonnes	...	...	27 206	16 147	14 881
Mercury	kilograms	...	...	1 000	...	15 000
Crude petroleum	tonnes	...	260 879	90 561	...	...
Salt	tonnes	53 500	44 000	61 512	58 141	57 213
Sulphur and pyrites						
Sulphur	tonnes	*8 000	*6 000	8 474	7 914	18 500

## Belarus

### Production

Commodity	Units	1996	1997	1998	1999	2000
Crude steel	tonnes	795 000	1 110 000	1 300 000	1 448 000	1 622 000
Crude petroleum	tonnes	1 860 300	1 822 000	1 830 000	1 840 000	1 841 000
Natural gas	million m <sup>3</sup>	249	246	252	256	257
Potash	tonnes (K <sub>2</sub> O content)	...	4 202 000	4 481 000	4 553 000	3 786 000
Salt (a)	tonnes	913 313	1 203 162	798 000	529 100	437 400
Sulphur and pyrites Recovered (b)	tonnes (sulphur content)	25 000	20 000	20 000	20 000	20 000

Note(s):-

(a) Exports

(b) From petroleum refining and/or natural gas

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a) (b)	tonnes	*13 100	*1 500	*3 000	*2 200	*6 000
Scrap	tonnes	(b) *6 900	(b) *1 300	4 008	4 056	4 700
Asbestos	tonnes	*3 000	*3 000	3 604	4 334	65
Copper						
Unwrought	tonnes	(b) *500	(b) *500	315	243	48
Scrap	tonnes	(b) *500	(b) *3 100	4 975	6 126	7 400
Fluorspar	tonnes	...	*1 500	2 077	924	...
Gypsum						
Crude & calcined	tonnes	...	...	895	11 900	2 274
Iron, steel and ferro-alloys						
Ferro-alloys	tonnes	417	27 994	3 417	3 246	...
Ingots, blooms, billets	tonnes	341 203	450 346	592 800	708 504	774 700
Scrap	tonnes	177 776	190 330	145 444	129 426	150 400
Lead						
Unwrought	tonnes	...	3 702	2 909	19	182
Scrap	tonnes	*3 000	*4 500	5 268	4 623	3 865
Crude petroleum	tonnes	300 000	400 000	381 500	300 000	350 600
Platinum metals						
Waste & scrap (b)	kilograms	...	*50	*3 900	*1 400	*56 700
Potash						
Chloride (c)	tonnes	2 244 737	2 878 300	2 911 700	3 022 700	2 840 000
Salt	tonnes	913 313	1 203 162	797 847	529 132	437 400
Titanium						
Oxides	tonnes	3 000	3 000	3 332	1 458	46

Note(s):-

(a) Including alloys

(b) BGS estimates, based on known imports into certain countries

(c) K<sub>2</sub>O content

### Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	*3 500	*6 000	8 227	12 938	20 149
Unwrought	tonnes	(a) 5 905	(a) 7 393	9 164	9 331	9 859
Scrap	tonnes	500	600	589	2 253	4 282
Antimony						
Metal	tonnes	...	...	26	15	32
Asbestos	tonnes	*20 000	*20 000	21 518	25 639	25 301
Barytes	tonnes	2 000	2 000	2 038	2 748	1 398
Bentonite and fuller's earth	tonnes	...	...	7 222	6 910	11 736
Coal	tonnes	997 100	786 400	716 370	642 847	576 460

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Copper						
Unwrought	tonnes	*1 300	*1 300	1 978	2 213	1 707
Scrap	tonnes	*1 500	*1 500	1 692	2 900	4 859
Diatomite	tonnes	...	...	3 476	4 375	2 299
Feldspar	tonnes	...	...	15 806	22 511	30 186
Fluorspar	tonnes	...	*1 200	2 393	1 589	588
Gold						
Metal	kilograms	(b) *300	(b) *300	(b) *100	(b) *300	1 489
Graphite	tonnes	*200	*200	211	337	830
Gypsum						
Crude & calcined	tonnes	...	...	93 572	151 694	122 874
Iron, steel and ferro-alloys						
Pig iron	tonnes	(a) 89 261	(a) 159 502	132 842	128 122	118 195
Sponge & powder	tonnes	...	...	2 625	26 040	48 037
Ferro-alloys	tonnes	(a) 49 809	(a) 48 239	33 474	31 815	41 910
Ingots, blooms, billets	tonnes	...	...	21 579	19 835	23 426
Scrap	tonnes	400 804	724 923	767 280	732 835	1 139 800
Kaolin	tonnes	*15 000	*15 000	21 909	33 581	30 966
Lead						
Unwrought	tonnes	(a) 3 857	(a) 4 146	3 659	484	633
Scrap	tonnes	*200	*500	931	607	13
Magnesite and magnesia	tonnes	*1 100	*2 100	2 846	4 007	9 837
Crude petroleum	tonnes	10 644 670	10 460 800	10 054 600	9 899 905	11 924 686
Phosphates	tonnes	*300 000	371 600	373 677	331 601	256 192
Platinum metals						
Platinum & platinum metals (b)	kilograms	*200	*50	*100	*100	...
Salt	tonnes	63 671	53 000	54 374	21 196	26 648
Sulphur and pyrites						
Sulphur	tonnes	*150 000	*180 000	196 705	183 680	168 304
Talc	tonnes	...	...	1 567	1 252	1 346
Titanium						
Oxides	tonnes	*2 500	*5 500	9 231	5 271	4 887
Zinc						
Unwrought (c)	tonnes	700	300	1 313	2 031	2 906
Zirconium						
Concentrates	tonnes	*1 000	*1 500	1 625	971	1 843

## Note(s):-

(a) Imports from CIS only

(b) BGS estimates, based on known exports from certain countries

(c) Including alloys

## Belgium

### Production

Commodity	Units	1996	1997	1998	1999	2000
White arsenic	tonnes	*2 000	*2 000	*1 500	*1 500	*1 500
Barytes	tonnes	*30 000	*30 000	*40 000	*30 000	*30 000
Cadmium	tonnes	1 579	1 420	1 318	1 235	1 148
Cobalt metal	tonnes	*1 200	*1 200	*1 200	*950	*1 110
Copper, smelter	tonnes	157 300	142 500	138 400	142 800	144 700
Copper, refined	tonnes	386 000	373 000	368 000	388 000	423 000
Germanium metal	tonnes	22	23	...	...	...
Pig iron	tonnes	8 626 651	8 076 475	8 618 117	8 430 392	8 471 214
Crude steel	tonnes	10 751 711	10 717 603	11 403 848	10 910 168	11 614 731
Ferro-alloys						
Ferro-manganese	tonnes	16 600	12 700	13 800	-----	...
Ferro-silico-manganese	tonnes	1 400	7 700	4 400	-----	...
Ferro-molybdenum	tonnes	11 700	8 300	9 600	5 300	...
Ferro-vanadium	tonnes	2 150	2 400	2 300	1 800	...
Kaolin	tonnes	*300 000	*300 000	*300 000	*300 000	*300 000
Lead, refined (a)	tonnes	142 178	142 901	...	125 843	...
Selenium metal	tonnes	*250	*250	*200	*200	*200
Sulphur and pyrites						
Recovered (b) (c)	tonnes (sulphur content)	406 000	430 000	428 000	408 000	410 000
Zinc, slab	tonnes	207 400	213 600	205 000	232 400	263 800

Note(s):-

(a) Including alloys

(b) From metal sulphide processing

(c) From petroleum refining and/or natural gas

## Luxembourg

### Production

Commodity	Units	1996	1997	1998	1999	2000
Pig iron	tonnes	829 010	438 030	-----	-----	-----
Crude steel	tonnes	2 501 487	2 580 219	2 476 909	2 600 324	2 571 000

## Belgium-Luxembourg

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	317	1 734	28 452	9 093	133 759
Alumina	tonnes	3 106	1 817	2 381	3 203	5 098
Unwrought	tonnes	1 135	2 644	53 783	35 818	29 754
Unwrought alloys	tonnes	82 497	72 557	57 272	30 923	31 821
Scrap	tonnes	115 070	147 630	135 234	132 901	142 861
Antimony						
Oxide (a)	tonnes	*4 100	*6 700	*6 700	*8 700	*11 000
Asbestos	tonnes	11	263	685	1	0
Barytes	tonnes	40 181	15 802	17 222	11 198	6 177
Bentonite and fuller's earth						
Bentonite	tonnes	1 566	1 447	2 207	3 933	4 084
Bismuth						
Compounds	tonnes	454	842	1 172	1 373	1 262
Bromine	kilograms	1 784 000	1 663 800	27 007 000	32 234 800	...
Cadmium						
Metal	tonnes	1 591	1 816	2 172	1 089	1 956
Sulphide	tonnes	31	14	22	15	12
Chromium						
Ores & concentrates	tonnes	22 155	17 266	6 046	18 695	16 307
Metal	tonnes	105	702	233	227	395

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
<b>Coal</b>						
Anthracite	tonnes	293 244	289 285	874 527	781 378	1 121 661
Other coal	tonnes	1 304 878	1 652 469	1 372 040	1 700 894	1 556 603
Briquettes	tonnes	30 025	31 303	14 350	39 215	18 869
<b>Cobalt</b>						
Ore	tonnes	-----	67	630	280	92
Metal	tonnes	(b) *2 200	(b) *2 300	(b) *2 500	2 640	(b) *2 700
Oxides	tonnes	(b) *2 100	(b) *3 000	(b) *2 500	4 263	(b) *4 400
<b>Copper</b>						
Ore	tonnes	3	1	7 290	1 098	256
Matte & cement	tonnes	56	156	4 770	5 518	2 166
Unwrought, unrefined	tonnes	18 352	2 943	1 583	12 017	17 675
Unwrought, refined	tonnes	129 340	146 106	144 764	171 924	199 088
Unwrought alloys	tonnes	8 139	7 972	12 518	15 914	24 856
Scrap	tonnes	60 467	92 842	69 907	96 893	152 934
<b>Diamond</b>						
Unsorted	carats	37 000	369 000	1 000	...	...
Gem, rough	carats	115 919 000	132 880 000	160 778 000	158 000 000	125 000 000
Gem, cut	carats	7 230 000	7 723 000	7 762 000	3 500 000	3 500 000
Industrial	carats	13 915 000	28 104 000	19 000 000	7 500 000	11 500 000
Dust	carats	51 615 000	67 265 000	67 300 000	23 000 000	28 500 000
Diatomite	tonnes	2 455	2 417	4 061	14 752	1 850
Fluorspar	tonnes	1 270	821	1 131	1 972	1 569
<b>Gold</b>						
Metal	kilograms	27 892	29 500	32 100	3 800	5 100
Waste & scrap	kilograms	£1 647 000	£2 124 000	£1 019 000	...	£770 000
Graphite	tonnes	31	113	1 494	1 678	4 848
<b>Gypsum</b>						
Crude	tonnes	24 144	43 879	73 097	67 089	76 246
Calcined	tonnes	3 067	6 751	3 567	4 846	4 859
Iodine	kilograms	1 000	1 558 600	1 632 000	1 707 500	1 570 900
<b>Iron ore</b>						
Iron ore	tonnes	68 607	12 616	13 880	67 657	32 755
Burnt pyrites	tonnes	-----	-----	18 190	98 522	3
<b>Iron, steel and ferro-alloys</b>						
Pig iron	tonnes	87 912	91 244	130 812	124 891	180 780
Sponge & powder	tonnes	1 684	1 760	2 262	2 673	3 797
Ferro-chrome	tonnes	16 647	21 109	42 781	47 169	39 754
Ferro-silico-magnesium	tonnes	201	371	1 625	2 633	3 271
Ferro-manganese	tonnes	17 788	26 424	19 238	13 324	21 737
Ferro-silico-manganese	tonnes	12 493	11 175	17 715	33 190	31 690
Ferro-nickel	tonnes	584	199	-----	26	70
Ferro-silicon	tonnes	12 166	9 238	37 804	30 411	24 591
Ferro-titanium & Fe-Si-Ti	tonnes	69	389	450	456	244
Other ferro-alloys	tonnes	270	252	8 626	1 977	1 226
Silicon metal	tonnes	306	136	9 251	6 668	7 741
Ingots, blooms, billets	tonnes	1 167 459	955 607	804 377	491 486	615 783
Scrap	tonnes	1 756 507	1 673 084	1 408 715	1 561 184	1 974 795
Kaolin	tonnes	250 271	308 573	324 359	248 829	324 267
<b>Lead</b>						
Ore	tonnes	8 163	81 019	106 868	96 153	126 905
Unwrought	tonnes	105 013	97 588	83 399	90 857	122 509
Scrap	tonnes	10 472	7 127	5 100	6 984	8 979
<b>Lithium</b>						
Oxides	tonnes	8	161	273	406	406
Carbonate	tonnes	12	2 563	2 804	3 951	3 549
<b>Magnesite and magnesia</b>						
Magnesite	tonnes	486	212	384	364	883
Magnesia	tonnes	44 485	64 508	82 040	51 821	47 634
<b>Manganese</b>						
Ore	tonnes	20 196	20 899	16 648	18 734	21 966
Metal	tonnes	2 217	2 489	2 247	1 347	1 652
Mercury	kilograms	35 000	10 400	22 300	52 500	...
Mica	tonnes	-----	-----	304	61	416
<b>Molybdenum</b>						
Ores & concentrates	tonnes	13 329	13 466	17 437	12 615	11 951
Metal	tonnes	201	296	104	143	802
Oxides	tonnes	52	150	216	242	132

## Belgium-Luxembourg

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Nickel						
Unwrought	tonnes	12 168	16 519	11 566	12 324	12 143
Unwrought alloys	tonnes	1 530	1 796	1 920	1 936	1 978
Scrap	tonnes	834	1 245	770	1 126	1 021
Crude petroleum	tonnes	71 488	55 597	3 423	56 242	359 206
Phosphates	tonnes	8 251	12 675	40 624	35 678	39 501
Platinum metals						
Platinum	kilograms	9 612	12 087	10 200	4 500	2 800
Platinum metals	kilograms	41 061	34 533	22 700	18 000	10 000
Waste & scrap	kilograms	£1 995 000	£1 502 000	£2 655 000	£7 859 000	£16 486 000
Potash						
Fertiliser salts	tonnes	9 381	4 020	4 989	3 923	7 299
Sulphate (a)	tonnes	*282 000	*349 000	*335 000	*297 000	...
Chloride	tonnes	164 274	191 480	177 146	138 232	183 220
Other potassic fertilisers	tonnes	6 389	7 428	6 503	4 909	4 537
Rare earths						
Rare earth compounds	tonnes	106	217	385	97	260
Ferro-cerium & other pyrophoric alloys	tonnes	6	14	17	18	37
Metals	tonnes	10	131	310	107	264
Salt	tonnes	234 927	420 425	30 165	45 977	40 176
Sillimanite	tonnes	402	941	2 663	4 357	6 081
Silver						
Ores & concentrates	kilograms	44 000	500	239 000	22 500	18 000
Metal	kilograms	1 313 552	1 229 800	773 400	53 900	8 600
Sulphur and pyrites						
Pyrites	tonnes	1 702	1 695	1 880	1 832	2 392
Sulphur	tonnes	16 691	10 582	13 424	8 493	12 427
Sulphur, sublimed & precipitated	tonnes	73	103	208	171	240
Talc	tonnes	66 979	74 238	77 276	79 086	86 536
Tin						
Unwrought	tonnes	6 782	7 642	7 518	7 097	8 031
Unwrought alloys	tonnes	395	211	309	206	433
Scrap	tonnes	199	479	81	167	108
Titanium						
Metal	tonnes	451	569	870	885	986
Oxides	tonnes	214 954	243 120	259 406	265 178	312 795
Tungsten						
Metal	tonnes	211	177	157	213	255
Carbide	tonnes	128	96	128	28	31
Vanadium						
Vanadiferous residues	tonnes	6 969	4 097	6 803	6 395	5 281
Pentoxide	tonnes	60	4	28	8	49
Vanadium-titanium pig iron	tonnes	16	149	1	...	...
Zinc						
Ore	tonnes	1 095 059	1 130 638	607 159	686 666	531 616
Unwrought	tonnes	144 915	143 121	105 298	87 099	102 816
Unwrought alloys	tonnes	147 855	...	...	142 586	...
Scrap	tonnes	21 319	36 920	26 148	23 481	18 849
Zirconium						
Concentrates	tonnes	5 354	464	1 587	2 119	13 233
Metal	tonnes	124	142	167	142	365

Note(s):-

(a) BGS estimates, based on known imports into certain countries

(b) Exports of cobalt are not separately recorded. Figures shown are BGS estimates based on known imports into certain countries

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	15 968	13 107	43 411	87 263	93 710
Alumina	tonnes	10 022	9 951	11 825	10 029	9 709
Alumina hydrate	tonnes	37 339	52 207	51 887	42 151	43 516
Unwrought	tonnes	245 386	256 907	350 391	253 655	245 989
Unwrought alloys	tonnes	120 039	131 427	146 289	159 506	185 915
Scrap	tonnes	133 784	126 851	178 243	155 114	193 631

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Antimony						
Ore	tonnes	1 614	1 876	1 703	238	66
Metal	tonnes	4 826	6 277	8 321	6 828	12 858
Oxide	tonnes	675	772	1 016	888	1 612
Arsenic						
Metallic arsenic	tonnes	32	20	40	46	149
Asbestos	tonnes	5 681	2 366	2	25	98
Barytes	tonnes	17 163	12 384	11 741	15 253	14 738
Bentonite and fuller's earth						
Bentonite	tonnes	15 245	16 800	17 118	18 362	23 876
Fuller's earth	tonnes	1 398	2 991	2 041	2 387	5 045
Bismuth						
Metal	tonnes	36	38	3	24	17
Bromine	kilograms	1 234 000	1 162 100	28 104 000	32 810 600	...
Cadmium						
Metal	tonnes	4 168	3 289	7 802	5 332	8 263
Oxide	tonnes	54	...	14	...	39
Sulphide	tonnes	119	----	----	9	0
Chromium						
Ores & concentrates	tonnes	22 127	25 082	25 877	23 869	9 817
Metal	tonnes	555	947	565	540	557
Coal						
Anthracite	tonnes	949 594	856 978	981 210	953 736	1 040 686
Other coal	tonnes	11 370 988	11 862 591	11 358 312	9 806 997	9 702 654
Brown coal	tonnes	159 220	158 490	213 354	161 605	198 317
Briquettes	tonnes	49 488	38 967	26 611	38 522	20 372
Cobalt						
Metal (a)	tonnes	*1 000	*1 500	*2 000	*5 000	*3 600
Oxides	tonnes	263	340	358	436	476
Copper						
Ore	tonnes	17 421	2 888	20	1	121
Matte & cement	tonnes	...	332	1 057	1 124	74
Unwrought, unrefined	tonnes	123 023	101 160	94 045	140 069	215 157
Unwrought, refined	tonnes	77 331	102 245	100 955	71 186	40 660
Unwrought alloys	tonnes	9 234	4 690	5 979	3 474	3 683
Scrap	tonnes	183 124	186 786	233 722	220 103	265 246
Diamond						
Unsorted	carats	13 551 000	8 020 000	4 000 000	4 000 000	4 000 000
Gem, rough	carats	114 412 000	129 298 000	124 000 000	140 000 000	120 500 000
Gem, cut	carats	6 759 000	6 418 000	6 000 000	6 000 000	7 000 000
Industrial	carats	27 258 000	35 803 000	44 500 000	31 500 000	27 000 000
Dust	carats	52 965 000	83 005 000	74 895 000	56 000 000	62 500 000
Diatomite	tonnes	5 569	6 635	5 255	6 621	6 776
Feldspar	tonnes	25 405	24 836	24 363	24 396	25 329
Fluorspar	tonnes	11 230	9 774	10 690	11 095	10 246
Gold						
Metal	kilograms	9 000	10 700	13 000	3 900	800
Waste & scrap	kilograms	£22 584 000	£21 216 000	£14 616 000	...	£32 277 000
Graphite	tonnes	1 827	2 428	5 167	5 836	9 847
Gypsum						
Crude	tonnes	618 907	588 067	575 917	767 694	800 514
Calcined	tonnes	358 952	365 400	381 601	338 404	350 278
Iodine	kilograms	44 000	1 427 000	1 745 600	1 736 700	1 501 800
Iron ore	tonnes	12 996 054	11 158 528	13 493 548	12 112 181	11 830 358

## Belgium-Luxembourg

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
<b>Iron, steel and ferro-alloys</b>						
Pig iron	tonnes	70 321	91 304	203 699	200 890	334 225
Sponge & powder	tonnes	31 882	30 765	4 778	31 988	47 970
Ferro-chrome	tonnes	112 788	113 044	146 391	146 100	178 130
Ferro-silico-chrome	tonnes	3 240	3 335	4 032	4 296	2 393
Ferro-silico-magnesium	tonnes	818	927	2 310	2 782	3 424
Ferro-manganese	tonnes	46 646	43 122	47 039	52 600	63 097
Ferro-silico-manganese	tonnes	52 007	36 909	57 422	52 669	58 256
Ferro-molybdenum	tonnes	2 150	2 264	3 248	2 850	2 748
Ferro-nickel	tonnes	23 775	24 508	32 099	28 692	32 285
Ferro-niobium	tonnes	693	656	719	535	701
Ferro-phosphorus	tonnes	277	246	613	691	816
Ferro-silicon	tonnes	51 024	44 760	69 163	60 179	59 406
Ferro-titanium & Fe-Si-Ti	tonnes	604	1 019	1 323	1 347	1 851
Ferro-vanadium	tonnes	154	236	310	198	241
Other ferro-alloys	tonnes	2 280	1 281	9 478	1 710	1 524
Silicon metal	tonnes	2 591	1 985	13 901	16 559	14 238
Ingots, blooms, billets	tonnes	1 767 032	2 881 218	2 809 762	2 905 305	3 530 375
Scrap	tonnes	3 960 595	4 024 388	3 938 147	2 474 180	2 727 227
Kaolin	tonnes	682 224	690 593	596 714	556 417	470 979
<b>Lead</b>						
Ore	tonnes	100 450	62 349	95 581	96 710	117 528
Unwrought	tonnes	29 696	44 941	52 659	62 275	28 653
Scrap	tonnes	30 612	20 882	19 611	28 612	32 043
<b>Lithium</b>						
Oxides	tonnes	154	325	603	643	793
Carbonate	tonnes	860	2 241	3 500	4 020	5 542
<b>Magnesite and magnesia</b>						
Magnesite	tonnes	1 178	1 274	1 585	1 738	8 732
Magnesia	tonnes	82 493	68 013	82 172	61 148	67 637
<b>Manganese</b>						
Ore	tonnes	164 757	139 130	127 521	83 407	78 179
Metal	tonnes	4 323	4 076	3 728	4 823	5 884
Mercury	kilograms	53 000	70 000	72 600	102 600	21 000
<b>Mica</b>						
Ground	tonnes	----	...	729	844	1 138
<b>Molybdenum</b>						
Ores & concentrates	tonnes	19 341	22 075	22 613	13 339	19 268
Metal	tonnes	163	207	208	156	374
Oxides	tonnes	702	969	529	605	388
<b>Nickel</b>						
Mattes, sinters etc.	tonnes	179	313	13	448	213
Unwrought	tonnes	32 621	32 253	27 872	36 987	31 107
Unwrought alloys	tonnes	121	1 721	2 054	559	460
Scrap	tonnes	2 574	3 277	719	694	835
Oxides	tonnes	187	145	234	207	341
Crude petroleum	tonnes	29 307 612	32 327 044	33 613 385	31 741 912	32 114 347
Phosphates	tonnes	1 626 789	1 866 679	1 817 279	1 734 417	1 304 103
<b>Platinum metals</b>						
Platinum	kilograms	4 587	4 900	8 400	100	...
Platinum metals	kilograms	24 094	108 900	11 300	...	...
Waste & scrap	kilograms	£1 003 000	£9 466 000	£19 060 000	...	£54 153 000
<b>Potash</b>						
Fertiliser salts	tonnes	23 051	28 948	33 135	29 987	33 302
Sulphate	tonnes	134 136	154 895	111 311	138 679	179 570
Chloride	tonnes	1 153 987	1 288 361	1 087 291	1 122 857	1 105 179
Other potassic fertilisers	tonnes	23 511	19 777	17 384	17 478	20 398
<b>Rare earths</b>						
Cerium compounds	tonnes	419	424	574	606	572
Other rare earth compounds	tonnes	24	64	67	...	78
Ferro-cerium & other pyrophoric alloys	tonnes	12	17	16	2	55
Metals	tonnes	207	376	551	353	287
Salt	tonnes	3 570 812	3 614 738	3 602 237	3 373 286	3 675 526
Sillimanite	tonnes	8 830	6 430	9 199	10 059	13 899
<b>Silver</b>						
Ores & concentrates	kilograms	3 160 000	13 800	16 900	1 188 000	1 970 200
Metal	kilograms	2 717 000	2 544 300	2 366 500	1 558 500	928 500



## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Sulphur and pyrites						
Sulphur, crude	tonnes	179 782	203 751	186 424	213 641	182 044
Sulphur, refined	tonnes	130 316	158 558	192 737	214 285	207 656
Sulphur, sublimed & precipitated	tonnes	2 049	2 033	1 974	5 699	16 252
Talc	tonnes	74 660	96 181	98 211	92 906	104 074
Tin						
Unwrought	tonnes	1 544	1 833	1 579	1 063	983
Unwrought alloys	tonnes	968	584	1 062	1 227	2 128
Scrap	tonnes	1 420	2 259	3 953	3 006	4 186
Titanium						
Ilmenite	tonnes	3 091	262	413	635	18 612
Other titanium minerals	tonnes	57 625	50 007	82 705	83 099	115 497
Titanium slag	tonnes	54 267	49 146	36 414	43 252	29 418
Metal	tonnes	1 298	1 030	1 363	1 666	1 341
Oxides	tonnes	58 084	163 638	179 944	170 623	224 621
Tungsten						
Metal	tonnes	228	382	378	284	384
Carbide	tonnes	137	100	122	39	36
Vanadium						
Vanadiferous residues	tonnes	11	15	...	314	410
Pentoxide	tonnes	3 330	3 342	1 389	1 707	3 142
Zinc						
Ore	tonnes	1 393 376	1 605 860	1 048 756	1 018 447	879 412
Unwrought	tonnes	222 649	247 904	232 249	192 761	233 203
Unwrought alloys	tonnes	12 692	11 221	13 567	3 474	2 049
Scrap	tonnes	23 869	48 650	48 518	50 113	55 556
Zirconium						
Concentrates	tonnes	2 861	2 782	3 062	3 531	7 954
Metal	tonnes	240	387	1 014	535	477

Note(s):-

(a) BGS estimates, based on known exports from certain countries

## Bosnia & Herzegovina

### Production

Commodity	Units	1996	1997	1998	1999	2000
Primary aluminium	tonnes	-----	8 000	30 000	70 000	94 500
Barytes	tonnes	*2 000	*2 000	*2 000	*2 000	*2 000
Bentonite and fuller's earth						
Bentonite	tonnes	*800	*800	*800	*800	...
Coal						
Brown coal & lignite	tonnes	1 690 000	1 740 000	1 790 000	*1 800 000	*1 900 000
Gypsum	tonnes	*30 000	*30 000	*30 000	*30 000	*30 000
Iron ore	tonnes	*150 000	*150 000	*150 000	*150 000	*150 000
Pig iron	tonnes	*100 000	*100 000	*100 000	*100 000	*100 000
Crude steel	tonnes	52 000	72 000	75 000	60 000	...
Ferro-alloys						
Ferro-silicon	tonnes	*1 000	*1 000	*1 000	*1 000	*1 000
Silicon metal	tonnes	*200	*200	*200	*200	*200
Kaolin	tonnes	*3 000	*3 000	*3 000	*3 000	*3 000
Manganese ore	tonnes	*2 000	*2 000	*2 000	*2 000	*2 000
Salt	tonnes	*50 000	*50 000	*50 000	*50 000	*50 000

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a) (b)	tonnes	...	*4 300	*23 800	*58 700	*77 000
Scrap (b)	tonnes	*2 600	*6 000	*3 300	*4 100	*5 600
Bentonite and fuller's earth						
Bentonite (b)	tonnes	...	*4 900	*10 200	*11 100	*6 400
Copper						
Scrap (b)	tonnes	*4 000	*3 600	*2 500	*2 200	*4 400
Iron, steel and ferro-alloys						
Ferro-silicon (b)	tonnes	*1 200	*2 000	*10 800	*15 200	*21 000
Scrap (b)	tonnes	*4 900	*25 100	*60 900	*6 700	*12 800
Salt (b)	tonnes	*6 700	*10 100	*11 500	*32 100	*7 000

Note(s):-

(a) Including alloys

(b) BGS estimates, based on known imports into certain countries

# Bulgaria

## Production

Commodity	Units	1996	1997	1998	1999	2000
Asbestos	tonnes	400	300	672	354	*350
Barytes	tonnes	*120 000	*120 000	124 000	111 000	*120 000
Bentonite and fuller's earth						
Bentonite	tonnes	202 000	170 700	176 110	242 725	295 800
Bismuth, mine	tonnes (metal content)	*40	*40	*40	*40	*40
Cadmium	tonnes	251	183	195	217	233
Coal						
Anthracite & bituminous	tonnes	138 000	102 000	120 406	123 200	118 200
Brown coal & lignite	tonnes	31 164 000	29 606 000	29 783 000	25 734 000	26 980 000
Copper, mine	tonnes (metal content)	84 800	75 500	75 500	76 000	*76 000
Copper, smelter	tonnes	98 000	98 000	112 000	107 200	160 600
Copper, refined	tonnes	22 300	34 500	32 100	37 800	48 200
Gold, mine	kilograms (metal content)	1 776	1 713	1 660	1 524	*1 500
Gypsum	tonnes	168 900	156 000	183 929	148 748	169 600
Iron ore	tonnes	1 000 000	858 000	895 300	699 400	588 800
Pig iron	tonnes	1 504 000	1 643 000	1 390 000	1 152 000	1 200 000
Crude steel	tonnes	2 457 000	2 628 000	2 240 000	1 890 000	2 020 000
Ferro-alloys						
Ferro-silicon	tonnes	8 300	*10 000	*10 000	*10 000	...
Kaolin	tonnes	189 000	158 000	154 760	144 341	...
Lead, mine	tonnes (metal content)	28 500	28 000	24 200	13 800	10 900
Lead, refined	tonnes	74 700	72 600	77 084	81 600	84 100
Manganese ore	tonnes	44 270	47 430	55 600	----	----
Molybdenum, mine	tonnes (metal content)	*400	*400	*400	*400	*400
Perlite	tonnes	25 500	20 000	20 078	13 580	16 700
Crude petroleum	tonnes	32 000	27 750	31 700	38 700	40 900
Natural gas	million m <sup>3</sup>	19	13	*10	*10	*5
Salt	tonnes	1 600 000	1 600 000	2 400 000	1 300 000	1 700 000
Silver, mine	kilograms (metal content)	48 770	31 530	23 790	*25 000	*25 000
Sulphur and pyrites						
Pyrites	tonnes (sulphur content)	25 000	25 000	30 000	20 000	----
Recovered (a)	tonnes (sulphur content)	120 000	128 000	134 000	131 000	183 000
Recovered (b)	tonnes (sulphur content)	27 000	25 000	25 000	30 000	30 000
Zinc, mine	tonnes (metal content)	19 400	20 700	17 500	10 600	10 000
Zinc, slab	tonnes	80 000	82 000	86 136	84 000	85 000

Note(s):-

(a) From metal sulphide processing

(b) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a)	tonnes	8 842	12 765	(b) *3 500	(b) *3 200	(b) *700
Scrap	tonnes	(b) *1 200	2 738	(b) *3 100	(b) *6 700	(b) *7 900
Barytes	tonnes	82 855	116 505	(b) *119 400	(b) *107 000	(b) *109 200
Bentonite and fuller's earth						
Bentonite (b)	tonnes	*74 300	*102 600	*112 300	*145 100	*152 000
Cadmium						
Metal	tonnes	(b) *50	248	(b) *280	(b) *320	(b) *240
Copper						
Ore	tonnes	86 996	97 100	71 100	(b) *69 200	(b) *51 700
Unwrought	tonnes	...	109 782	(b) *112 000	(b) *119 000	(b) *219 300
Scrap	tonnes	2 047	1 838	(b) *4 400	(b) *3 300	(b) *6 400
Gold						
Waste & scrap (b)	kilograms	*4 800	...	...	...	...
Iron, steel and ferro-alloys						
Ferro-alloys	tonnes	3 205	2 902	(b) *10 300	(b) *4 100	(b) *2 500
Ingots, blooms, billets	tonnes	213 000	246 000	...	...	...
Scrap	tonnes	43 888	156 678	58 000	102 000	...
Kaolin	tonnes	97 024	110 954	(b) *73 700	(b) *97 500	(b) *108 100

## Bulgaria

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Lead						
Unwrought	tonnes	60 324	66 700	(b) *55 400	(b) *62 100	(b) *62 900
Scrap (b)	tonnes	*200	*300	*900	*1 600	...
Manganese						
Ore	tonnes	39 508	29 034	*30 000	*30 000	...
Platinum metals						
Waste & scrap (b)	kilograms	*600	*400	*25 900	*58 400	*34 400
Salt	tonnes	17 500	4 900	*5 000	*4 500	...
Silver						
Metal (b)	kilograms	*22 700	*14 300	*18 800	*27 000	...
Zinc						
Unwrought (a)	tonnes	72 093	67 196	(b) *75 000	(b) *71 700	(b) *82 200

Note(s):-

(a) Including alloys

(b) BGS estimates, based on known imports into certain countries

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a)	tonnes	9 218	13 960	*15 000	*17 000	...
Antimony						
Metal	tonnes	98	103	*100	*100	...
Coal						
Anthracite	tonnes	2 026 300	1 883 600	2 146 700	1 106 600	...
Briquettes	tonnes	1 368 000	1 421 900	1 199 200	...	...
Copper						
Ores & concentrates	tonnes	92 674	86 580	*106 000	*37 000	...
Unwrought	tonnes	6 300	8 700	*5 000	*5 000	...
Diatomite	tonnes	472	701	...	...	...
Iron ore	tonnes	1 143 871	1 992 564	2 208 000	*2 600 000	...
Iron, steel and ferro-alloys						
Pig iron	tonnes	16 016	16 577	21 600	...	...
Ferro-manganese	tonnes	3 596	5 744	(b) ...	...	...
Other ferro-alloys	tonnes	8 708	10 916	10 000	...	...
Ingots, blooms, billets	tonnes	7 693	65 045	...	...	...
Scrap	tonnes	18 564	66 152	143 000	50 000	...
Lead						
Ore	tonnes	56 404	60 739	*68 000	*84 000	...
Magnesite and magnesia	tonnes	11 313	8 753	*9 000	*9 000	...
Manganese						
Ore	tonnes	967	1 918	*2 000	*2 000	...
Crude petroleum	tonnes	6 893 796	5 832 748	...	...	...
Phosphates	tonnes	437 052	521 792	316 800	204 700	341 800
Potash						
Potassic fertilisers	tonnes	35 600	54 700	*55 000	*55 000	...
Salt	tonnes	120 119	106 200	145 000	177 500	...
Silver						
Metal (c)	kilograms	*300	*100	*900	...	...
Sulphur and pyrites						
Sulphur	tonnes	3 922	6 165	2 400	----	...
Titanium						
Titanium minerals	tonnes	479	670	*700	*700	...
Zinc						
Ore	tonnes	116 953	147 283	(c) *100 000	(c) *135 000	...

Note(s):-

(a) Including alloys

(b) Included with 'other ferro-alloys'

(c) BGS estimates, based on known exports from certain countries

# Croatia

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bentonite and fuller's earth						
Bentonite	tonnes	9 728	7 331	7 581	8 441	10 013
Coal						
Bituminous	tonnes	64 369	48 535	50 839	15 311	-----
Gypsum	tonnes	86 060	102 470	104 660	137 991	150 765
Crude steel	tonnes	45 752	68 733	104 854	77 213	70 999
Ferro-alloys						
Ferro-chrome	tonnes	10 559	24 231	11 861	-----	15 753
Crude petroleum	tonnes	1 469 052	1 496 223	1 389 408	1 292 665	907 154
Natural gas	million m <sup>3</sup>	1 786	1 717	1 570	1 567	1 768
Salt	tonnes	18 820	16 620	31 062	18 477	33 668
Sulphur and pyrites						
Recovered (a)	tonnes (sulphur content)	15 000	15 000	15 000	15 000	9 000

Note(s):-

(a) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	1 916	12 800	5 849	29 491	21 015
Scrap	tonnes	900	2 100	3 554	5 575	8 033
Bentonite and fuller's earth						
Bentonite	tonnes	1 294	436	342	365	338
Copper						
Scrap	tonnes	5 298	5 810	5 622	6 860	7 265
Gypsum						
Crude & calcined	tonnes	854	...	5 542	8 830	23 301
Iron, steel and ferro-alloys						
Ferro-chrome	tonnes	12 605	23 943	12 173	2	15 468
Scrap	tonnes	106 092	124 561	102 443	101 868	106 021
Kaolin	tonnes	...	...	3 605	3 143	3 080
Lead						
Unwrought	tonnes	380	1 200	1 341	1 027	115
Scrap	tonnes	4 420	315	485	480	590
Crude petroleum	tonnes	117 526	296 338	30 874	6 502	5 685
Platinum metals						
Platinum & platinum metals	kilograms	£638 000	£499 000	£74 000	£108 000	£78 000
Salt	tonnes	3 326	9 141	2 493	2 283	1 508
Sulphur and pyrites						
Sulphur, crude	tonnes	...	1 700	3 322	3 375	7 152

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	47 163	63 101	57 069	81 288	62 267
Unwrought (a)	tonnes	23 557	23 784	25 593	36 061	31 487
Asbestos	tonnes	2 363	3 033	2 746	1 704	2 586
Barytes	tonnes	243	560	105	356	299
Bentonite and fuller's earth						
Bentonite	tonnes	295	5 171	17 074	11 556	7 138
Chromium						
Ores & concentrates	tonnes	14 796	69 168	32 010	2 161	15 705
Coal						
Hard coal	tonnes	61 407	62 452	167 867	261 671	806 241
Lignite	tonnes	146 924	133 684	98 170	82 830	80 303
Diatomite	tonnes	772	799	751	981	631
Feldspar	tonnes	2 883	2 521	2 610	6 202	6 578
Fluorspar	tonnes	187	275	275	206	161

## Croatia

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Gold						
Metal	kilograms	£60 000	£700 000	£598 000	£136 000	£58 000
Gypsum						
Crude & calcined	tonnes	25 918	35 642	37 026	24 018	20 322
Iron ore	tonnes	...	...	80	9 564	14 243
Iron, steel and ferro-alloys						
Pig iron	tonnes	13 306	13 371	10 696	10 329	10 449
Ferro-alloys	tonnes	26 329	2 935	3 077	2 199	2 313
Silicon metal	tonnes	...	...	427	451	357
Ingots, blooms, billets	tonnes	29 979	20 128	27 390	26 718	23 638
Scrap	tonnes	2 102	5 554	16 531	6 368	8 099
Kaolin	tonnes	14 193	21 410	4 849	5 636	5 513
Lead						
Unwrought	tonnes	3 391	4 054	2 949	827	2 365
Magnesite and magnesia	tonnes	688	677	836	405	666
Manganese						
Metal	tonnes	72	54	51	14	49
Crude petroleum	tonnes	4 098 141	4 008 271	3 446 481	4 608 832	3 835 167
Phosphates	tonnes	239 512	279 807	226 811	173 853	233 427
Platinum metals						
Platinum & platinum metals	kilograms	...	511	...	415	649
Potash						
Chloride	tonnes	163 127	182 206	136 730	103 534	168 656
Salt	tonnes	102 138	110 510	79 927	121 907	85 873
Silver						
Metal	kilograms	...	5 527	...	2 560	4 292
Sulphur and pyrites						
Sulphur, crude	tonnes	82 022	71 669	49 409	41 367	65 234
Sulphur, sublimed & precipitated	tonnes	162	397	173	141	278
Talc	tonnes	975	1 366	1 007	1 094	1 055
Tin						
Unwrought (a)	tonnes	117	105	74	73	74
Titanium						
Oxides	tonnes	2 648	2 569	2 269	2 453	1 922
Zinc						
Unwrought (a)	tonnes	2 358	2 501	3 039	2 186	2 340

Note(s):-

(a) Including alloys

# Cyprus

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bentonite and fuller's earth						
Bentonite	tonnes	70 927	101 000	140 000	177 000	167 000
Copper, mine	tonnes (metal content)	1 700	3 900	4 908	5 006	5 100
Copper, refined	tonnes	1 688	4 045	4 920	5 260	5 088
Gypsum	tonnes	94 100	222 000	270 000	197 000	147 000

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Bentonite and fuller's earth						
Bentonite	tonnes	31 397	51 912	54 475	82 084	71 060
Copper						
Unwrought	tonnes	1 491	4 048	4 938	5 260	5 105
Scrap	tonnes	20 366	2 046	3 824	43 931	1 895
of which, re-exports	tonnes	20 366	1 059	3 788	43 911	1 875
Gold						
Metal (a)	kilograms	24	...	53	1 892	10
Gypsum						
Crude & calcined	tonnes	196 622	215 634	270 271	201 695	143 474
Iron, steel and ferro-alloys						
Scrap (a)	tonnes	34 373	21 344	15 944	16 744	17 341
Lead						
Scrap	tonnes	1 300	1 255	1 211	1 958	2 371
of which, re-exports	tonnes	983	974	887	1 832	2 371
Salt	tonnes	2	926	5 699	2 941	530

Note(s):-

(a) Re-exports

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought alloys	tonnes	5 280	5 299	6 004	5 283	6 885
Coal	tonnes	158 828	122 626	22 083	29 157	57 607
Diamond						
Unsorted	carats	7 933	3 093	2 023	3 374	4 162
Gem, cut	carats	10 973	13 344	8 493	10 598	9 987
Industrial	carats	2 005	2 859	537	1 937	1 495
Gold						
Metal	kilograms	3 381	4 169	2 031	1 672	2 037
Iodine	kilograms	6 004	17 693	16 073	13 521	11 529
Kaolin	tonnes	16 361	421	4 020	5 197	3 712
Lead						
Unwrought	tonnes	2 463	3 002	2 888	2 105	1 927
Crude petroleum	tonnes	748 947	1 039 834	1 128 541	1 184 607	1 154 746
Platinum metals						
Platinum & platinum metals	kilograms	4 492	1 447	316	513	415
Salt	tonnes	8 099	6 699	13 318	9 888	9 002
Silver						
Metal	kilograms	13 640	10 512	11 168	8 312	11 631
Sulphur and pyrites						
Sulphur	tonnes	1 491	1 301	1 728	1 583	1 300
Talc	tonnes	227	240	233	255	186
Titanium						
Oxides	tonnes	850	1 148	963	867	881

# Czech Republic

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bentonite and fuller's earth						
Bentonite	tonnes	59 000	110 000	125 000	160 000	280 000
Coal						
Bituminous	tonnes	21 784 000	20 847 000	19 521 000	17 227 000	17 028 000
Lignite	tonnes	902 000	747 000	652 000	512 000	453 000
Brown coal	tonnes	59 539 000	57 395 000	51 283 000	44 858 000	50 610 000
Diatomite	tonnes	35 000	42 000	35 000	37 000	34 000
Feldspar	tonnes	211 000	243 000	266 000	244 000	337 000
Graphite	tonnes	30 000	25 000	28 000	22 000	23 000
Gypsum	tonnes	443 000	241 000	222 000	136 000	82 000
Pig iron	tonnes	4 898 100	5 195 400	4 981 800	4 022 700	4 621 500
Crude steel	tonnes	6 509 400	6 750 100	6 497 800	5 397 500	6 045 800
Kaolin (a)	tonnes	724 053	822 394	1 101 312	1 049 225	1 242 158
Lead, refined	tonnes	21 823	21 843	24 327	27 017	28 700
Crude petroleum	tonnes	155 000	159 000	172 000	176 000	168 000
Natural gas	million m <sup>3</sup>	146	118	137	143	118
Sulphur and pyrites						
Recovered	tonnes (sulphur content)	35 593	33 874	...	...	...
Uranium, mine	tonnes (metal content)	589	624	611	605	498
Wollastonite	tonnes	800	----	...	...	...

Note(s):-

(a) Beneficiated

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a)	tonnes	24 600	37 126	42 726	62 394	47 454
Scrap	tonnes	11 900	15 148	21 233	26 118	26 241
Asbestos	tonnes	27 100	----	51	1	...
Bentonite and fuller's earth						
Bentonite	tonnes	21 633	20 608	23 306	26 099	32 853
Cadmium						
Metal	tonnes	...	...	...	45	141
Chromium						
Metal	tonnes	189	102	49	13	1
Coal						
Hard coal (b)	tonnes	6 738 000	6 647 799	6 726 000	6 123 838	5 885 403
Lignite	tonnes	6 173 000	4 664 842	3 687 730	3 216 502	2 732 595
Briquettes	tonnes	...	366 442	242 501	183 687	155 398
Copper						
Unwrought	tonnes	4 600	4 586	3 188	2 051	5 615
Scrap	tonnes	26 600	26 574	28 055	32 461	37 390
Diatomite	tonnes	7 359	6 563	5 989	5 929	5 976
Feldspar	tonnes	67 515	54 474	57 546	62 273	85 931
Fluorspar	tonnes	17 200	22 688	24 827	12 519	13 658
Gold						
Metal	kilograms	4 693	2 489	2 806	3 486	3 573
Waste & scrap	kilograms	...	4 287	8 680	1 255	811
Graphite	tonnes	2 722	2 831	2 670	2 501	2 712
Gypsum						
Crude	tonnes	86 176	59 769	68 351	107 478	68 115
Calcined	tonnes	...	5 855	5 570	8 426	11 083
Iodine	kilograms	...	1 000	8 000	2 000	1 000
Iron, steel and ferro-alloys						
Pig iron	tonnes	168 000	230 102	161 308	42 092	32 820
Ferro-chrome	tonnes	(c) *4 000	2 523	1 247	1 455	1 190
Ferro-vanadium	tonnes	...	1 463	2 030	1 531	2 940
Other ferro-alloys	tonnes	...	6 054	4 134	7 911	3 165
Silicon metal	tonnes	...	957	1 113	433	915
Ingots, blooms, billets	tonnes	324 000	431 037	245 511	257 604	262 130
Scrap	tonnes	905 000	977 588	873 412	852 585	987 452



## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Kaolin	tonnes	361 858	397 720	418 948	428 342	442 934
Lead						
Unwrought	tonnes	10 600	4 858	2 784	6 704	9 200
Scrap	tonnes	100	1 585	3 039	3 313	4 152
Magnesite and magnesia (c)	tonnes	*4 000	*2 400	*3 800	*300	*4 400
Manganese						
Metal	tonnes	...	...	20	157	26
Mercury	kilograms	...	8 000	3 000	3 000	19 000
Nickel						
Unwrought (a)	tonnes	500	1 776	125	353	71
Scrap	tonnes	4 400	5 355	751	899	218
Oxides	tonnes	...	...	93	157	231
Crude petroleum	tonnes	84 000	90 000	103 504	109 319	110 672
Platinum metals						
Waste & scrap (c)	kilograms	*500	*300	*11 500	*12 100	*34 000
Salt	tonnes	17 800	17 046	16 031	13 967	13 252
Sulphur and pyrites						
Sulphur	tonnes	3 900	2 102	2 549	1 835	4 294
Sulphur, sublimed & precipitated	tonnes	...	6 227	6 465	1 546	5 875
Tantalum and niobium						
Tantalum	tonnes	...	601	551	417	276
Tin						
Unwrought (a)	tonnes	175	219	15	109	20
Titanium						
Oxides	tonnes	17 900	21 682	23 423	26 505	29 376
Tungsten						
Ore	tonnes	128	137	106	128	61
Metal	tonnes	100	116	174	133	372
Zinc						
Unwrought (a)	tonnes	300	3 008	758	1 861	2 865
Scrap	tonnes	3 700	4 794	2 509	2 607	2 750

Note(s):-

(a) Including alloys

(b) Including anthracite

(c) BGS estimates, based on known imports into certain countries

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	8 000	10 646	13 632	14 323	12 013
Alumina	tonnes	13 900	14 289	17 825	14 761	17 095
Alumina hydrate	tonnes	11 500	11 307	11 832	10 727	10 935
Unwrought	tonnes	46 300	44 777	57 281	48 057	41 552
Unwrought alloys	tonnes	30 100	36 302	48 415	56 214	64 904
Scrap	tonnes	12 900	25 500	34 197	35 897	34 678
Antimony						
Metal	tonnes	49	19	67	12	2
Oxide	tonnes	...	...	289	394	429
Asbestos	tonnes	1 400	1 315	1 684	1 441	1 402
Barytes	tonnes	14 692	10 828	8 004	9 652	9 230
Bentonite and fuller's earth						
Bentonite	tonnes	5 394	7 162	9 271	11 753	12 887
Bismuth						
Metal	tonnes	...	32	21	31	35
Chromium						
Ores & concentrates	tonnes	10 700	3 737	8 782	10 325	11 821
Metal	tonnes	136	41	8	10	35
Coal	tonnes	3 211 000	2 274 356	1 578 070	1 029 446	1 094 508
Cobalt						
Metal	tonnes	...	48	81	55	34
Copper						
Unwrought	tonnes	19 186	12 203	14 352	14 510	14 288
Scrap	tonnes	2 000	2 711	2 828	1 854	3 133

## Czech Republic

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Diamond						
Unsorted	carats	£192 000	£90 000	£234 000	£86 000	£245 000
Gem, rough	carats	£300 000	£100 000	£121 000	£90 000	£47 000
Gem, cut	carats	£128 000	£136 000	£168 000	£167 000	£398 000
Industrial	carats	£320 000	£271 000	£214 000	£242 000	£297 000
Dust	carats	...	£639 000	£650 000	£535 000	£702 000
Diatomite	tonnes	5 602	6 301	2 318	2 115	1 895
Feldspar	tonnes	3 923	5 685	5 474	6 317	7 658
Fluorspar	tonnes	42 437	51 532	41 943	30 989	31 903
Gold						
Metal	kilograms	3 388	2 346	2 415	2 244	1 845
Waste & scrap	kilograms	...	...	190	257	360
Graphite	tonnes	1 176	634	839	735	975
Gypsum						
Crude	tonnes	22 088	27 283	34 531	25 760	8 628
Calcined	tonnes	...	25 795	29 939	23 407	22 307
Iodine	kilograms	...	21 000	8 000	15 000	21 000
Iron ore	tonnes	8 255 000	7 383 349	7 395 000	5 356 868	6 932 742
Iron, steel and ferro-alloys						
Pig iron	tonnes	139 000	143 000	161 000	62 465	66 334
Ferro-chrome	tonnes	(a) ...	27 340	36 114	31 425	44 880
Ferro-manganese	tonnes	(a) ...	32 463	25 430	19 517	17 569
Ferro-silico-manganese	tonnes	(a) ...	18 818	22 924	16 777	22 291
Ferro-molybdenum	tonnes	(a) ...	465	695	563	898
Ferro-silicon	tonnes	(a) ...	25 263	24 923	18 948	20 666
Ferro-vanadium	tonnes	(a) ...	100	131	205	283
Other ferro-alloys	tonnes	105 000	4 511	5 982	5 327	6 638
Silicon metal	tonnes	...	4 098	4 510	3 151	4 099
Ingots, blooms, billets	tonnes	...	206 223	313 838	184 221	188 542
Scrap	tonnes	84 000	39 923	114 108	134 543	182 992
Kaolin	tonnes	5 846	10 087	16 028	13 412	17 649
Lead						
Unwrought	tonnes	14 100	18 821	28 816	34 306	52 886
Magnesite and magnesia						
Magnesite	tonnes	2 300	972	885	1 810	1 522
Magnesia	tonnes	40 200	41 237	40 207	36 544	34 156
Manganese						
Ore	tonnes	18 515	18 231	3 507	3 505	10 436
Metal	tonnes	200	198	207	155	244
Mercury	kilograms	...	5 000	4 000	3 000	3 000
Mica	tonnes	...	540	657	699	707
Molybdenum						
Metal	tonnes	43	448	60	37	39
Nickel						
Unwrought (b)	tonnes	1 300	934	1 475	1 077	1 758
Oxides	tonnes	...	...	206	214	251
Crude petroleum	tonnes	7 671 000	7 023 306	6 947 928	5 997 039	5 819 443
Phosphates	tonnes	74 300	78 835	58 305	47 753	45 473
Platinum metals						
Platinum & platinum metals (c)	kilograms	*1 200	*400	*100	*100	...
Potash						
Potassic fertilisers	tonnes	109 600	106 364	93 279	78 380	98 553
Salt	tonnes	724 600	628 270	552 813	814 794	649 768
Sillimanite	tonnes	...	2 767	3 281	2 557	4 049
Silver						
Metal (c)	kilograms	*23 000	*48 200	*80 700	*86 700	...
Sulphur and pyrites						
Sulphur	tonnes	105 838	91 456	75 514	57 111	68 252
Sulphur, sublimed & precipitated	tonnes	...	20 768	26 279	53 084	46 615
Talc	tonnes	...	6 669	6 313	7 802	8 659
Tantalum and niobium						
Tantalum	tonnes	158	179	155	170	250
Tin						
Unwrought (b)	tonnes	526	587	436	483	556
Titanium						
Titanium minerals	tonnes	56 200	55 949	61 093	67 855	75 502
Metal	tonnes	...	84	136	453	189
Oxides	tonnes	2 600	3 113	3 002	3 191	3 970

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Tungsten						
Metal	tonnes	100	125	89	52	184
Vanadium						
Pentoxide	tonnes	...	...	360	3 641	5 495
Metal	tonnes	...	1	26	70	40
Zinc						
Unwrought (b)	tonnes	17 125	20 101	22 394	21 387	27 724
Zirconium						
Concentrates	tonnes	2 000	2 106	3 151	3 736	3 459
Metal	tonnes	...	170	200	174	617

## Note(s):-

(a) Included with 'other ferro-alloys'

(b) Including alloys

(c) BGS estimates, based on known exports from certain countries

## Denmark

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bentonite and fuller's earth						
Bentonite	tonnes	8 050	*3 000	*9 000	...	...
Diatomite						
Diatomite (a)	tonnes	*1 000	*1 000	...	...	...
Moler (b)	tonnes	152 000	207 000	213 000	164 000	*160 000
Crude steel	tonnes	739 000	787 000	800 000	727 000	803 000
Crude petroleum	tonnes	10 286 000	11 375 000	11 752 000	14 775 000	17 965 000
Natural gas	million m <sup>3</sup>	6 254	7 694	7 348	7 741	7 978
Salt	tonnes	590 000	540 000	463 000	548 000	586 500
Sulphur and pyrites						
Recovered (c)	tonnes (sulphur content)	7 461	3 875	3 312	3 729	4 041

Note(s):-

(a) Sales

(b) Moler is an impure diatomite containing a large proportion of clay

(c) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	3 442	3 600	3 984	4 250	4 141
Unwrought alloys	tonnes	20 594	29 623	28 778	28 452	23 333
Scrap	tonnes	32 107	36 642	30 029	31 489	34 292
Arsenic						
Metallic arsenic	tonnes	...	1 156	1 301	----	----
Bentonite and fuller's earth						
Bentonite	tonnes	2 770	2 199	3 650	4 309	5 113
Chromium						
Metal	tonnes	256	390	468	257	637
Coal						
Hard coal (a)	tonnes	115 130	106 416	139 321	201 571	112 534
Copper						
Scrap	tonnes	31 610	30 743	31 986	35 184	38 978
Diatomite	tonnes	*80 000	*100 000	*100 000	*80 000	*80 000
Gold						
Metal	kilograms	1 332	2 861	982	1 212	1 297
Waste & scrap	kilograms	5 851	2 690	2 602	5 764	7 028
Gypsum						
Crude	tonnes	40 328	60 411	58 092	15 624	23 909
Calcined	tonnes	19 050	141 826	75 410	36 476	353 548
Iron, steel and ferro-alloys						
Ingots, blooms, billets	tonnes	36 042	71 590	58 023	25 693	143 030
Scrap	tonnes	470 670	580 347	479 924	511 129	658 353
Kaolin	tonnes	517	912	1 436	1 003	1 045
Lead						
Unwrought	tonnes	1 203	658	645	13 859	2 186
Scrap	tonnes	2 612	2 009	5 987	1 306	1 959
Magnesite and magnesia	tonnes	447	1 058	1 427	976	363
Mercury	kilograms	100	4 414	399	245	126
Nickel						
Scrap	tonnes	338	367	912	1 343	322
Crude petroleum	tonnes	4 616 379	6 507 328	8 061 369	8 873 887	11 393 325
Platinum metals						
Platinum & platinum metals	kilograms	142	134	330	38	295
Salt	tonnes	335 686	327 368	275 254	347 207	367 871
Silver						
Metal	kilograms	56 957	60 194	97 904	20 456	12 445
Sulphur and pyrites						
Sulphur	tonnes	3 958	4 654	3 517	4 717	2 406
Tin						
Scrap	tonnes	102	137	153	114	113
Tungsten						
Metal	tonnes	15	18	41	9	29

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Vanadium						
Vanadium-titanium pig iron	tonnes	135	13	67	108	125
Zinc						
Scrap	tonnes	5 744	7 038	6 069	6 804	7 351

Note(s):-

(a) Including anthracite

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	3 589	8 783	8 627	7 328	11 178
Alumina	tonnes	13 572	16 182	12 444	16 856	17 027
Unwrought (a)	tonnes	33 594	41 018	45 623	43 640	45 418
Scrap	tonnes	18 515	22 118	22 982	20 922	20 371
Arsenic						
Metallic arsenic	tonnes	...	829	920	...	----
Asbestos	tonnes	225	125	----	----	----
Barytes	tonnes	5 023	15 988	24 606	27 101	33 413
Bentonite and fuller's earth						
Bentonite	tonnes	23 589	19 689	24 482	28 849	36 017
Fuller's earth	tonnes	502	589	904	572	228
Bismuth						
Metal	tonnes	1	...	5	6	2
Bromine	kilograms	6 000	118	2 000	39 000	----
Chromium						
Ores & concentrates	tonnes	506	666	904	775	294
Metal	tonnes	31	46	46	27	64
Coal						
Anthracite	tonnes	31 860	71 644	78 571	75 855	89 167
Other coal	tonnes	12 430 959	14 003 715	8 284 775	7 057 146	6 435 687
Cobalt						
Metal	tonnes	123	8	6	2	8
Copper						
Unwrought	tonnes	2 057	2 432	2 403	2 173	2 825
Scrap	tonnes	8 243	6 509	14 707	8 021	10 673
Diatomite	tonnes	9 897	7 867	7 906	5 519	5 993
Feldspar	tonnes	3 373	3 300	4 576	5 774	3 740
Fluorspar	tonnes	568	4 926	7 152	1 011	2 144
Gold						
Metal	kilograms	1 664	17 933	4 429	1 237	2 729
Waste & scrap	kilograms	470	321	1 017	1 951	1 578
Graphite	tonnes	405	452	381	422	613
Gypsum						
Crude	tonnes	339 249	241 900	269 006	163 438	283 266
Calcined	tonnes	6 787	6 567	10 061	12 558	7 080
Iodine	kilograms	20 300	24 219	26 008	8 975	11 451
Iron ore						
Burnt pyrites	tonnes	48 625	21 828	66 946	45 165	59 326
Iron, steel and ferro-alloys						
Pig iron	tonnes	100 754	97 192	133 126	121 314	148 640
Sponge & powder	tonnes	1 994	3 942	2 594	2 408	1 436
Ferro-manganese	tonnes	2 420	3 117	3 889	3 112	3 735
Ferro-silico-manganese	tonnes	4 475	5 177	6 879	6 291	5 284
Ferro-silicon	tonnes	2 593	3 520	3 010	2 272	2 768
Other ferro-alloys	tonnes	1 652	1 920	4 110	946	2 522
Silicon metal	tonnes	1 403	1 519	2 123	2 323	2 410
Ingots, blooms, billets	tonnes	22 380	43 609	83 489	7 541	4 351
Scrap	tonnes	330 509	357 694	273 910	235 598	279 695
Kaolin	tonnes	16 037	28 862	20 210	19 910	18 505
Lead						
Unwrought	tonnes	6 142	5 233	3 876	2 531	3 364
Scrap	tonnes	1 148	2 620	1 611	1 895	2 032
Magnesite and magnesia						
Magnesite	tonnes	1 074	1 143	1 077	639	2 841
Magnesia	tonnes	4 809	7 045	5 178	3 509	4 803

## Denmark

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Manganese						
Ore	tonnes	218	500	207	129	142
Metal	tonnes	55	31	29	129	79
Mercury	kilograms	1 100	1 405	856	1 070	587
Mica	tonnes	251	353	298	226	254
Nickel						
Unwrought (a)	tonnes	113	131	160	84	157
Crude petroleum	tonnes	5 174 129	4 768 350	4 605 084	4 752 381	5 664 799
Phosphates	tonnes	83 900	93 200	72 800	68 361	76 537
Platinum metals						
Platinum & platinum metals	kilograms	559	1 612	1 325	232	740
Waste & scrap	kilograms	12	13	1 194	755	4
Potash						
Sulphate	tonnes	7 190	30 816	22 042	15 642	15 981
Chloride	tonnes	125 870	154 139	152 495	189 877	160 991
Other potassic fertilisers	tonnes	14 967	9 881	7 062	15 330	11 746
Salt	tonnes	444 177	273 186	249 388	379 402	245 086
Sillimanite	tonnes	1 235	1 658	3 306	1 250	2 842
Silver						
Metal	kilograms	135 017	143 604	109 846	18 075	23 506
Sulphur and pyrites						
Sulphur	tonnes	21 867	15 140	9 564	10 963	8 000
Talc	tonnes	9 208	11 877	12 991	13 668	13 476
Titanium						
Metal	tonnes	629	1 097	785	323	823
Oxides	tonnes	14 067	17 451	16 203	18 273	20 517
Tungsten						
Metal	tonnes	7	17	5	41	109
Zinc						
Unwrought	tonnes	10 645	10 795	14 305	9 983	12 244
Unwrought alloys	tonnes	1 389	1 707	828	707	2 428
Scrap	tonnes	21	517	390	328	363

Note(s):-

(a) Including alloys

## Faeroe Islands

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Salt	tonnes	22 623	18 235	16 284	18 622	22 471
Silver						
Metal	kilograms	175	224	275	243	328

## Greenland

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Salt	tonnes	2 422	4 071	3 042	4 188	3 352

## Estonia

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a)	tonnes	(b) *2 300	9 245	(b) *5 900	37 870	2 309
Scrap	tonnes	4 125	5 549	6 996	7 475	16 144
Antimony						
Metal	tonnes	...	63	126	...	...
Oxide	tonnes	...	155	258	...	...
Asbestos	tonnes	300	4	...	578	0
Chromium						
Metal	tonnes	...	213	6	88	318
Coal						
Hard coal (c)	tonnes	...	71 496	7 501	941	48 021
Cobalt						
Metal	tonnes	...	20	16	58	58
Oxides	tonnes	131	111	100	12	4
Copper						
Unwrought	tonnes	(b) *1 400	168	201	60	139
Scrap	tonnes	4 436	4 869	4 253	5 647	8 819
Gold						
Waste & scrap	kilograms	...	(b) *6 700	(b) *13 100	(b) *1 000	4 389
Iron, steel and ferro-alloys						
Pig iron (b) (d)	tonnes	*35 800	*128 900	*239 600	*81 800	*43 600
Ferro-chrome	tonnes	(b) *29 000	(b) *15 900	(b) *700	42 515	18 804
Other ferro-alloys	tonnes	...	...	...	7 483	3 639
Silicon metal	tonnes	...	...	...	14 585	20 052
Ingots, blooms, billets	tonnes	...	83	3 770	22 687	263
Scrap	tonnes	220 740	411 098	644 816	546 117	502 495
Lead						
Scrap	tonnes	(b) *5 200	618	282	1 059	278
Manganese						
Metal	tonnes	...	...	41	437	820
Mercury	kilograms	...	35 000	17 000	...	...
Molybdenum						
Metal	tonnes	...	5	18	49	106
Nickel						
Mattes, sinters etc.	tonnes	...	...	13	1 020	1 011
Unwrought (a)	tonnes	(b) *100	142	324	198	412
Scrap	tonnes	(b) *300	90	341	408	224
Crude petroleum (b) (d)	tonnes	*63 000	*70 000	*394 000	*465 000	*563 000
Platinum metals						
Waste & scrap	kilograms	(b) *14 300	129 705	154 786	133 252	176 743
Rare earths						
Rare earth compounds	tonnes	(b) *3 100	(b) *800	(b) *500	2 855	27
Tin						
Scrap	tonnes	...	8	172	336	592
Titanium						
Metal	tonnes	183	49	39	75	83
Tungsten						
Ore	tonnes	...	5 736	711	278	224
Metal	tonnes	...	...	...	309	287
Zinc						
Scrap	tonnes	(b) *1 400	1 931	1 768	1 845	1 426
Zirconium						
Metal	tonnes	...	...	...	17	65

Note(s):-

(a) Including alloys

(b) BGS estimates, based on known imports into certain countries

(c) Including anthracite

(d) Re-exports

**Imports**

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	4 100	1 912	2 965	253	2 927
Unwrought	tonnes	2 400	9 175	62	39	460
Antimony						
Metal	tonnes	...	63	125	...	...
Oxide	tonnes	...	219	195	1	1
Asbestos	tonnes	800	800	253	255	180
Chromium						
Ores & concentrates	tonnes	...	3 497	2 349	983	7
Metal	tonnes	...	175	1	136	317
Coal						
Hard coal (a)	tonnes	...	118 648	87 466	87 072	149 092
Cobalt						
Metal	tonnes	...	2	36	29	42
Gold						
Metal	kilograms	...	182	953	105	110
Gypsum						
Crude & calcined	tonnes	...	11 419	9 484	15 763	15 852
Iron, steel and ferro-alloys						
Pig iron	tonnes	...	242	8 764	886	841
Ferro-alloys	tonnes	...	8 992	40 558	44 456	16 033
Silicon metal	tonnes	...	...	75	15 799	19 378
Scrap	tonnes	35 000	210 201	401 586	339 645	265 312
Manganese						
Metal	tonnes	...	...	41	437	847
Molybdenum						
Metal	tonnes	...	6	38	34	128
Nickel						
Unwrought	tonnes	...	165	367	211	427
Scrap	tonnes	...	85	284	352	289
Platinum metals						
Waste & scrap	kilograms	...	...	13 219	...	5 040
Potash						
Potassic fertilisers	tonnes	...	2 852	2 857	3 500	16 660
Salt	tonnes	65 000	68 975	69 177	76 817	71 313
Silver						
Metal	kilograms	(b) *5 100	(b) *10 400	(b) *4 000	7 513	8 175
Titanium						
Oxides	tonnes	...	963	1 412	888	1 085
Tungsten						
Ore	tonnes	...	5 521	198	296	132
Metal	tonnes	...	...	58	327	277
Zinc						
Scrap	tonnes	6 000	6 445	6 135	6 147	5 449

Note(s):-

(a) Including anthracite

(b) BGS estimates, based on known exports from certain countries



## Finland

## Production

Commodity	Units	1996	1997	1998	1999	2000
Cadmium	tonnes	648	494	520	700	680
Chromium ores and concentrates	tonnes	573 909	588 856	498 075	597 438	628 414
Cobalt metal	tonnes	4 160	5 000	5 250	6 200	7 700
Copper, mine	tonnes (metal content)	9 261	8 500	9 500	10 500	11 500
Copper, smelter	tonnes	150 300	159 000	156 000	149 600	155 400
Copper, refined	tonnes	110 715	116 328	122 894	114 700	114 000
Feldspar	tonnes	40 265	40 000	42 740	43 827	38 609
Gold, mine	kilograms (metal content)	1 670	1 900	2 370	2 770	1 600
Pig iron	tonnes	2 456 932	2 786 126	2 919 692	2 954 127	2 982 787
Crude steel	tonnes	3 301 436	3 734 299	3 951 589	3 955 658	4 096 389
Ferro-alloys						
Ferro-chrome & ferro-silico-chrome	tonnes	225 155	236 652	230 906	256 290	260 605
Kaolin	tonnes	14 204	...	...	...	...
Lead, mine	tonnes (metal content)	1 200	2 200	1 800	130	380
Mercury	kilograms	88 120	63 000	54 000	55 000	77 100
Mica	tonnes	4 592	5 630	7 241	8 470	10 035
Nickel, mine	tonnes (metal content)	3 872	3 252	1 967	730	3 300
Nickel, smelter/refinery	tonnes	29 141	35 285	43 379	52 800	54 300
Phosphate rock	tonnes	651 463	689 053	715 705	734 068	751 291
Salt	tonnes	4 311	...	...	...	...
Selenium metal	tonnes	43	43	43	37	37
Sulphur and pyrites						
Pyrites	tonnes (sulphur content)	357 646	325 000	340 000	370 000	360 000
Recovered (a)	tonnes (sulphur content)	291 000	307 000	296 000	299 000	301 000
Recovered (b)	tonnes (sulphur content)	48 675	50 000	45 000	42 000	46 000
Talc	tonnes	418 000	435 000	495 000	509 000	502 000
Wollastonite	tonnes	22 304	20 700	16 700	13 883	*15 000
Zinc, mine	tonnes (metal content)	26 294	31 200	30 700	19 600	16 100
Zinc, slab	tonnes	175 635	175 333	198 940	225 200	222 900

Note(s):-

(a) From metal sulphide processing

(b) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a)	tonnes	29 937	33 577	37 072	39 631	40 730
Scrap	tonnes	4 227	3 339	4 046	6 242	8 529
Bentonite and fuller's earth						
Bentonite	tonnes	192	11 301	24 867	29 875	21 923
Bismuth						
Metal	tonnes	-----	...	17	27	0
Cadmium						
Metal	tonnes	496	476	415	762	834
Chromium						
Ores & concentrates	tonnes	1 005	675	255	31	282
Metal	tonnes	-----	36	408	0	0
Cobalt						
Metal	tonnes	1 776	2 074	1 633	2 733	3 976
Oxides	tonnes	1 876	2 264	2 565	2 812	3 256
Copper						
Unwrought, unrefined	tonnes	35 102	39 275	32 951	32 347	41 580
Unwrought, refined	tonnes	40 703	49 261	39 185	30 845	16 735
Unwrought alloys	tonnes	960	1 388	1 004	838	847
Scrap	tonnes	28 611	37 445	20 932	16 955	16 557
Feldspar	tonnes	25 972	23 048	25 953	27 876	28 985
Gold						
Metal	kilograms	3 834	4 947	...	...	...
Waste & scrap	kilograms	106 000	51 273	636	329	1 302
Gypsum						
Crude & calcined	tonnes	1 408	3 492	3 721	3 485	4 177

## Finland

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
<b>Iron, steel and ferro-alloys</b>						
Ferro-chrome & ferro-silico-chrome	tonnes	106 675	105 472	64 251	89 974	43 887
Ingots, blooms, billets	tonnes	259 768	280 214	230 115	208 787	144 538
Scrap	tonnes	228 366	365 761	269 999	212 045	394 218
Kaolin	tonnes	1 829	2 333	3 572	5 466	6 915
<b>Lead</b>						
Unwrought	tonnes	499	2 707	425	495	----
Scrap	tonnes	11 485	5 735	1 160	12 366	12 653
Mercury	kilograms	85 000	138 780	115 238	36 918	82 808
Mica	tonnes	4 328	4 576	5 592	7 969	8 331
<b>Nickel</b>						
Ores & concentrates	tonnes	36 675	53 974	11 480	14 868	25 804
Unwrought	tonnes	21 474	23 650	26 409	29 457	28 504
Scrap	tonnes	133	26	454	76	218
Oxides	tonnes	884	1 163	1 399	1 106	1 664
<b>Potash</b>						
Sulphate (b)	tonnes	*46 000	*17 500	*47 400	*66 300	...
<b>Silver</b>						
Metal	kilograms	24 000	25 785	7 447	8 300	12 708
<b>Sulphur and pyrites</b>						
Pyrites (b)	tonnes	*443 800	*499 500	*501 900	*337 200	*288 100
Talc (b)	tonnes	*168 000	*141 000	*145 000	*182 000	*210 000
<b>Tin</b>						
Unwrought alloys	tonnes	185	238	90	63	17
Scrap	tonnes	22	64	148	101	173
<b>Titanium</b>						
Metal	tonnes	79	165	87	164	311
Oxides (b)	tonnes	*32 900	*57 200	*63 800	*84 400	*68 000
<b>Zinc</b>						
Unwrought	tonnes	137 317	128 746	155 494	186 944	176 366
Unwrought alloys	tonnes	2 918	4 842	4 250	2 316	360
Scrap	tonnes	7 700	9 344	8 363	7 016	6 668

Note(s):-

(a) Including alloys

(b) BGS estimates, based on known imports into certain countries

**Imports**

Commodity	Units	1996	1997	1998	1999	2000
<b>Aluminium and bauxite</b>						
Bauxite	tonnes	8 017	9 431	21 079	8 275	3 848
Alumina	tonnes	3 366	2 353	2 006	2 564	2 179
Alumina hydrate	tonnes	35 320	38 834	43 101	33 673	36 424
Unwrought	tonnes	19 660	17 882	17 192	20 702	20 721
Unwrought alloys	tonnes	13 377	15 647	20 648	22 513	31 299
Scrap	tonnes	50 794	54 430	46 938	48 048	30 155
<b>Antimony</b>						
Oxide	tonnes	254	236	177	164	215
Barytes	tonnes	1 745	2 134	2 223	2 120	2 644
<b>Bentonite and fuller's earth</b>						
Bentonite	tonnes	22 722	48 473	56 864	53 935	30 609
Fuller's earth	tonnes	689	366	1 791	51	42
Bromine	kilograms	...	1 000	70 000	63 346	114
<b>Cadmium</b>						
Metal	tonnes	24	...	----	1	0
<b>Chromium</b>						
Ores & concentrates	tonnes	2 631	3 224	5 174	6 647	6 288
Metal	tonnes	12	22	110	54	42
<b>Coal</b>						
Hard coal (a)	tonnes	6 178 787	7 439 189	4 613 280	3 596 331	5 072 701
<b>Cobalt</b>						
Ore	tonnes	----	138	12 690	90 323	66 618
Oxides	tonnes	15	----	68	2	----

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Copper						
Ore	tonnes	494 217	464 435	544 111	514 879	468 557
Unwrought, refined	tonnes	20 503	21 206	14 223	15 229	9 631
Unwrought alloys	tonnes	4 378	5 546	5 086	4 744	4 474
Scrap	tonnes	28 461	34 309	15 046	11 317	7 576
Diamond						
Gem, cut	carats	10 580	9 363	20 000	115 000	105 000
Industrial	carats	503	164	50 000	175 000	125 000
Diatomite	tonnes	3 486	3 146	2 462	2 652	2 738
Feldspar	tonnes	209	117	267	452	734
Fluorspar	tonnes	12 564	11 317	11 246	7 503	11 969
Gold						
Metal	kilograms	828	1 060	1 577	1 408	1 294
Graphite	tonnes	360	344	543	549	649
Gypsum						
Crude	tonnes	145 974	210 869	263 557	277 541	281 183
Calcined	tonnes	6 614	7 898	6 344	19 871	31 374
Iodine	kilograms	15 000	2 496	3 610	7 105	4 928
Iron ore	tonnes	3 305 768	3 731 829	3 922 531	3 818 567	3 917 135
Iron, steel and ferro-alloys						
Pig iron	tonnes	67 924	31 744	30 498	22 009	32 759
Sponge & powder	tonnes	2 624	14 003	18 644	33 587	16 983
Ferro-chrome	tonnes	4 838	5 055	9 685	4 314	3 828
Ferro-manganese	tonnes	8 875	10 837	12 377	11 726	12 840
Ferro-silico-manganese	tonnes	26 929	26 197	34 270	31 005	28 682
Ferro-molybdenum	tonnes	1 539	1 581	1 646	1 673	1 764
Ferro-nickel	tonnes	53 096	53 783	44 569	44 635	51 634
Ferro-niobium	tonnes	323	358	449	423	469
Ferro-phosphorus	tonnes	170	145	190	288	217
Ferro-silicon	tonnes	17 537	18 024	15 113	14 411	15 500
Ferro-titanium & Fe-Si-Ti	tonnes	671	536	852	735	833
Ferro-vanadium	tonnes	263	141	207	240	171
Other ferro-alloys	tonnes	2 897	3 422	6 303	3 026	2 521
Silicon metal	tonnes	2 055	2 411	2 942	3 077	3 622
Ingots, blooms, billets	tonnes	461 912	224 157	209 121	331 409	323 548
Scrap	tonnes	226 200	348 080	449 640	345 704	465 528
Kaolin	tonnes	1 198 212	1 402 209	1 357 735	1 249 452	1 493 786
Lead						
Unwrought	tonnes	1 356	2 051	1 830	2 133	3 425
Scrap	tonnes	790	821	542	81	181
Magnesite and magnesia						
Magnesia	tonnes	12 653	8 032	12 834	12 536	14 770
Manganese						
Ore	tonnes	9 424	24 339	22 184	18 681	25 093
Metal	tonnes	98	140	1 375	774	4 896
Mercury	kilograms	...	4 730	9 070	12 659	77
Mica	tonnes	675	1 002	1 273	768	1 118
Molybdenum						
Ores & concentrates	tonnes	2 596	3 172	2 959	3 258	3 591
Nickel						
Ore	tonnes	200 610	163 962	247 276	249 028	217 154
Mattes, sinters etc.	tonnes	9 843	7 314	21 701	24 266	26 654
Unwrought (b)	tonnes	6 316	9 511	7 976	6 558	5 880
Scrap	tonnes	821	247	289	183	379
Oxides	tonnes	292	346	540	2	0
Crude petroleum	tonnes	9 498 391	9 476 213	11 426 549	11 180 897	11 616 731
Phosphates	tonnes	112 500	59 444	101 365	85 396	72 966
Platinum metals						
Platinum & platinum metals	kilograms	451	99	175	110	425
Potash						
Chloride (c)	tonnes	101 400	97 200	101 200	91 300	149 400
Salt	tonnes	342 313	413 004	404 295	371 534	427 247
Sillimanite	tonnes	165	108	62	62	168
Silver						
Metal	kilograms	113 000	91 170	72 799	74 314	87 460
Sulphur and pyrites						
Sulphur	tonnes	11 662	5 863	27 597	22 605	38 785
Talc	tonnes	313	866	5 927	4 934	4 881

## Finland

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Tin						
Unwrought (b)	tonnes	241	352	377	111	127
Titanium						
Titanium minerals	tonnes	*105 000	*103 000	*108 500	*95 000	...
Metal	tonnes	88	100	165	82	250
Oxides	tonnes	6 908	8 860	9 082	9 617	8 808
Tungsten						
Metal	tonnes	88	86	76	61	100
Zinc						
Ore	tonnes	288 603	292 378	376 747	411 447	448 698
Scrap	tonnes	1 809	2 089	4 046	3 235	2 424

Note(s):-

(a) Including anthracite

(b) Including alloys

(c) K<sub>2</sub>O content

## France

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bauxite	tonnes	165 000	169 000	170 000	170 000	185 000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	440 000	454 000	444 000	472 000	*500 000
Primary aluminium	tonnes	380 100	399 400	423 600	455 100	441 100
White arsenic	tonnes	*3 000	*2 500	*2 000	*1 000	*1 000
Barytes	tonnes	81 200	77 000	75 400	75 700	92 000
Bromine	kilograms	(a) 7 400 000	8 800 000	8 600 000	8 063 000	7 909 000
Cadmium	tonnes	92	309	223	195	160
Coal						
Anthracite & bituminous	tonnes	7 312 000	5 779 000	4 864 000	4 533 000	3 166 000
Lignite	tonnes	798 000	1 030 000	735 000	558 000	296 000
Copper, refined	tonnes	39 100	35 600	22 400	6 500	-----
Diatomite	tonnes	*80 000	*80 000	*80 000	*80 000	*75 000
Feldspar	tonnes	546 000	621 000	620 000	640 000	642 000
Fluorspar	tonnes	110 800	106 600	105 600	105 800	114 000
Gold, mine	kilograms (metal content)	5 651	4 953	3 793	3 567	2 643
Gypsum	tonnes	4 550 000	4 500 000	*4 500 000	*4 500 000	*4 500 000
Iron ore	tonnes	1 459 900	522 700	21 000	6 000	...
Pig iron	tonnes	11 999 457	13 315 344	13 458 358	13 432 778	13 506 955
Crude steel	tonnes	17 632 984	19 767 457	20 126 200	20 199 977	20 953 667
Ferro-alloys						
Ferro-manganese & spiegeleisen	tonnes	402 170	434 377	438 212	419 672	409 169
Ferro-silico-manganese	tonnes	61 000	63 000	57 000	55 000	32 773
Ferro-silicon	tonnes	103 000	109 000	106 000	*110 000	...
Other ferro-alloys	tonnes	72 000	101 000	55 000	...	...
Silicon metal	tonnes	73 857	72 286	70 082	80 000	94 127
Kaolin	tonnes	326 000	332 000	333 000	328 000	385 000
Lead, refined	tonnes	301 100	283 400	290 200	274 000	263 000
Primary magnesium metal	tonnes	14 000	13 800	14 700	16 200	16 500
Mica (b)	tonnes	*10 000	14 100	*17 000	...	...
Nickel, smelter/refinery	tonnes	11 171	10 702	11 778	11 700	13 400
Crude petroleum	tonnes	2 107 486	1 779 728	1 708 883	1 539 131	1 417 565
Natural gas	million m <sup>3</sup>	2 901	2 586	2 183	1 940	1 883
Potash						
Potassic salts	tonnes (K <sub>2</sub> O content)	751 000	665 300	417 100	311 300	321 000
Salt						
Rock salt	tonnes	308 000	315 000	470 000	634 000	536 000
Brine salt	tonnes	1 414 000	1 368 000	1 313 000	1 438 000	1 476 000
Salt in brine	tonnes	4 295 000	4 051 000	4 482 000	4 051 000	3 762 000
Sea salt	tonnes	988 000	1 199 000	1 262 000	1 115 000	1 294 000
Other salt	tonnes	583 000	417 000	211 000	270 000	-----
Sillimanite minerals						
Andalusite	tonnes	81 000	67 200	79 000	...	...
Silver, mine	kilograms (metal content)	2 718	2 402	1 027	1 140	723
Sulphur and pyrites						
Recovered (c)	tonnes (sulphur content)	989 700	958 800	868 800	822 000	801 600
Recovered (d)	tonnes (sulphur content)	99 000	*100 000	261 000	*250 000	...
Talc	tonnes	349 300	362 200	391 200	405 300	409 000
Uranium, mine	tonnes (metal content)	930	748	508	438	319
Zinc, slab	tonnes	324 500	317 200	320 400	318 000	318 000

Note(s):-

- (a) Revised series includes bromine from seawater  
(b) Including mica recovered from mica schists and/or kaolin beneficiation  
(c) From petroleum refining and/or natural gas  
(d) Other

## Exports

Commodity	Units	1996	1997	1998	1999	2000
<b>Aluminium and bauxite</b>						
Bauxite	tonnes	11 744	2 504	29 577	20 650	25 619
Alumina	tonnes	114 149	106 756	117 898	123 213	129 376
Alumina hydrate	tonnes	99 735	112 946	71 739	55 438	68 272
Unwrought	tonnes	185 445	91 490	78 955	78 335	81 992
Unwrought alloys	tonnes	97 180	135 365	99 711	74 915	75 453
Scrap	tonnes	113 282	160 329	165 766	198 915	247 753
<b>Antimony</b>						
Ores & concentrates	tonnes	28	...	26	12 203	1
Metal	tonnes	387	74	132	13	292
Oxide	tonnes	4 893	5 270	5 292	4 371	5 156
<b>Arsenic</b>						
Metallic arsenic	tonnes	19	7	8	5	7
<b>Asbestos</b>						
	tonnes	14 053	164	----	...	46
<b>Bentonite and fuller's earth</b>						
Bentonite	tonnes	22 569	25 523	27 795	30 189	37 805
Fuller's earth	tonnes	2 689	2 975	2 431	2 312	2 609
<b>Bismuth</b>						
Compounds	tonnes	40	81	14	10	52
Metal	tonnes	77	47	44	11	31
<b>Cadmium</b>						
Metal	tonnes	879	1 493	1 155	1 252	2 533
<b>Chromium</b>						
Ores & concentrates	tonnes	671	2 060	2 467	2 823	2 658
Metal	tonnes	3 101	4 128	4 783	4 697	5 990
<b>Coal</b>						
Anthracite	tonnes	27 368	15 107	3 033	4 074	1 240
Other coal	tonnes	262 423	204 038	64 546	74 877	87 494
Briquettes	tonnes	32 049	43 570	20 048	12 996	12 871
<b>Cobalt</b>						
Metal	tonnes	468	573	786	507	...
Oxides	tonnes	19	60	76	131	209
<b>Copper</b>						
Matte & cement	tonnes	226	555	1 023	190	155
Unwrought	tonnes	16 570	20 028	38 410	21 981	12 421
Unwrought alloys	tonnes	7 283	10 169	12 754	13 329	13 776
Scrap	tonnes	126 414	132 939	122 322	199 970	203 291
<b>Diamond</b>						
Gem, cut	carats	£68 200 000	£40 000 000	£45 900 000	£25 700 000	£64 500 000
Industrial	carats	£200 000	£100 000	£300 000	£400 000	£1 084 000
Dust	carats	...	3 708 955	...	...	1 000 000
Diatomite	tonnes	34 684	31 561	31 441	29 973	35 585
Feldspar	tonnes	92 883	122 119	126 350	242 379	296 491
Fluorspar	tonnes	31 408	35 748	24 342	29 194	35 342
<b>Gold</b>						
Metal	kilograms	50 812	42 600	24 600	24 200	17 300
Waste & scrap	kilograms	148 831	66 900	56 300	39 400	47 100
Graphite	tonnes	977	801	349	652	614
<b>Gypsum</b>						
Crude	tonnes	441 695	459 164	453 699	532 232	463 092
Calcined	tonnes	407 573	422 105	405 544	291 434	276 847
Iodine	kilograms	74 000	73 900	43 700	30 200	27 100
Iron ore	tonnes	1 293 802	584 665	37 351	20 178	21 148
<b>Iron, steel and ferro-alloys</b>						
Pig iron	tonnes	4 421	48 199	7 830	18 006	520
Sponge & powder	tonnes	1 833	3 593	5 026	5 769	7 864
Ferro-chrome	tonnes	538	702	455	426	5 965
Ferro-silico-magnesium	tonnes	8 811	9 615	8 377	4 824	5 929
Ferro-manganese	tonnes	35 561	54 584	46 927	35 019	19 275
Ferro-silico-manganese	tonnes	41 422	61 372	56 855	44 218	15 750
Ferro-molybdenum	tonnes	92	101	92	240	530
Ferro-nickel	tonnes	25 407	25 813	14 256	1 563	872
Ferro-niobium	tonnes	387	628	704	440	735
Ferro-silicon	tonnes	30 433	33 873	41 049	48 316	50 247
Ferro-titanium & Fe-Si-Ti	tonnes	1 379	1 082	1 535	1 443	1 123
Ferro-vanadium	tonnes	7	32	18	22	70
Other ferro-alloys	tonnes	29 336	33 062	40 983	30 331	36 008
Ingots, blooms, billets	tonnes	1 328 288	1 692 045	1 804 004	2 416 133	2 447 574
Scrap	tonnes	3 682 041	3 640 248	3 484 599	3 731 225	4 537 161

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Kaolin	tonnes	260 426	260 812	330 616	307 307	348 868
Lead						
Unwrought	tonnes	105 735	87 499	89 483	77 916	76 757
Scrap	tonnes	12 392	6 357	3 024	5 101	20 275
Lithium						
Oxides	tonnes	108	93	131	88	90
Carbonate	tonnes	1 772	2 163	2 528	2 563	2 819
Magnesite and magnesia						
Magnesia	tonnes	22 316	20 926	16 809	12 889	11 743
Manganese						
Ore (a)	tonnes	160 742	107 499	116 556	198 347	303 274
Metal	tonnes	777	811	610	120	431
Mercury	kilograms	114 000	15 900	34 000	94 600	11 400
Mica	tonnes	9 383	10 593	12 108	12 567	4 649
Molybdenum						
Ores & concentrates	tonnes	49	873	118	89	6
Metal	tonnes	83	61	65	57	161
Nickel						
Unwrought	tonnes	6 736	7 842	7 347	6 884	9 950
Unwrought alloys	tonnes	735	907	707	707	1 187
Scrap	tonnes	4 457	4 499	10 420	5 674	7 190
Crude petroleum	tonnes	24 597	41 785	400 408	453 634	134 324
Phosphates	tonnes	7 001	1 149	4 538	8 414	1 523
Platinum metals						
Platinum	kilograms	8 888	5 900	5 500	5 600	5 800
Platinum metals	kilograms	11 180	11 180	13 900	9 000	14 400
Waste & scrap	kilograms	2 816	15 900	12 300	18 806	76 100
Potash						
Sulphate	tonnes	4 624	1 806	1 962	729	576
Chloride	tonnes	283 693	261 541	177 019	138 839	97 419
Other potassic fertilisers	tonnes	387	1 583	1 153	18 196	44 925
Rare earths						
Rare earth compounds	tonnes	3 430	1 252	1 521	...	1 151
Ferro-cerium & other pyrophoric alloys	tonnes	258	192	...	164	129
Metals	tonnes	184	163	201	212	33
Salt	tonnes	796 564	673 761	591 511	693 027	452 653
Sillimanite	tonnes	62 842	56 347	51 279	42 872	48 687
Silver						
Metal	kilograms	1 072 677	908 700	725 000	615 700	532 500
Waste & scrap	kilograms	827 476	1 098 369	612 503	...	...
Sulphur and pyrites						
Sulphur, crude	tonnes	645 790	540 537	503 616	475 879	444 447
Sulphur, refined	tonnes	7 613	9 199	10 792	3 082	4 959
Sulphur, sublimed & precipitated	tonnes	814	860	694	3 060	818
Talc	tonnes	176 799	209 299	216 966	213 881	229 681
Tantalum and niobium						
Tantalum	tonnes	79	39	5	31	59
Tin						
Unwrought	tonnes	109	160	233	283	282
Unwrought alloys	tonnes	591	715	651	359	378
Scrap	tonnes	1 374	2 805	3 165	2 274	1 612
Titanium						
Titanium minerals	tonnes	2 931	1 443	868	56	565
Metal	tonnes	2 339	4 470	4 510	4 341	5 081
Oxides	tonnes	175 744	212 059	184 689	171 636	198 541
Tungsten						
Metal	tonnes	398	518	449	420	2 755
Carbide	tonnes	358	350	...	357	394
Vanadium						
Pentoxide	tonnes	17	2	86	322	13
Metal	tonnes	...	59	2	22	16
Zinc						
Ore	tonnes	10 146	16 407	19 655	21 623	44 107
Unwrought	tonnes	226 741	177 074	143 683	127 893	111 730
Unwrought alloys	tonnes	5 567	7 479	15 376	25 970	29 963
Scrap	tonnes	28 116	39 161	37 834	34 189	41 599
Zirconium						
Concentrates	tonnes	821	685	458	679	754

Note(s):-

(a) Including manganiferous iron ore

## Imports

Commodity	Units	1996	1997	1998	1999	2000
<b>Aluminium and bauxite</b>						
Bauxite	tonnes	1 696 143	1 457 723	1 578 486	1 472 094	1 569 306
Alumina	tonnes	536 034	438 896	507 418	578 950	460 901
Alumina hydrate	tonnes	31 908	40 599	111 903	97 541	98 719
Unwrought	tonnes	276 778	230 911	191 512	144 583	190 495
Unwrought alloys	tonnes	216 169	266 763	284 396	320 070	337 271
Scrap	tonnes	134 542	160 004	192 112	159 335	150 091
<b>Antimony</b>						
Ore	tonnes	298	32	128	7	8
Metal	tonnes	5 720	8 569	8 316	7 564	8 345
Oxide	tonnes	832	1 008	1 218	1 283	2 520
<b>Arsenic</b>						
Metallic arsenic	tonnes	79	76	72	68	87
<b>Asbestos</b>						
Barytes	tonnes	17 667	24 860	25 271	22 576	25 084
<b>Bentonite and fuller's earth</b>						
Bentonite	tonnes	87 451	135 717	160 789	170 190	184 809
Fuller's earth	tonnes	2 668	3 345	2 174	722	1 731
<b>Bismuth</b>						
Compounds	tonnes	75	163	130	123	226
Metal	tonnes	312	283	300	291	446
Bromine	kilograms	9 072 000	7 888 000	9 295 000	10 769 000	...
<b>Cadmium</b>						
Metal	tonnes	820	823	990	930	1 058
Oxide	tonnes	385	...	...	923	665
Sulphide	tonnes	296	2	5	----	0
<b>Chromium</b>						
Ores & concentrates	tonnes	29 538	27 620	29 023	27 752	27 174
Metal	tonnes	586	917	923	711	649
<b>Coal</b>						
Anthracite	tonnes	1 390 400	1 904 691	1 655 772	1 777 657	1 088 272
Other coal	tonnes	14 365 536	11 661 093	12 303 542	13 516 239	16 091 962
Lignite	tonnes	41 251	37 919	31 437	21 085	51 244
Briquettes	tonnes	111 050	139 330	112 082	82 872	77 348
<b>Cobalt</b>						
Ore	tonnes	30	76	1 639	80	65
Metal	tonnes	1 256	2 023	1 768	1 428	1 618
Oxides	tonnes	539	649	568	534	566
<b>Copper</b>						
Matte & cement	tonnes	1 101	2 755	1 119	191	151
Unwrought, unrefined	tonnes	9 066	4 785	4 644	670	72
Unwrought, refined	tonnes	455 948	527 980	585 477	550 007	585 829
Unwrought alloys	tonnes	16 446	20 011	15 416	15 154	21 121
Scrap	tonnes	90 091	87 556	100 868	93 233	87 946
<b>Diamond</b>						
Unsorted	carats	...	207 370	...	...	10 500 000
Gem, cut	carats	313 148	350 793	...	...	2 000 000
Industrial	carats	213 447	388 951	...	...	2 000 000
Dust	carats	10 468 125	13 560 155	10 500 000	16 000 000	12 000 000
Diatomite	tonnes	13 733	13 116	18 092	16 844	14 075
Feldspar	tonnes	27 069	46 110	47 367	45 029	37 596
Fluorspar	tonnes	4 629	6 267	5 902	4 218	3 999
<b>Gold</b>						
Metal	kilograms	84 814	54 200	49 700	55 000	44 200
Waste & scrap	kilograms	35 199	16 600	2 800	1 900	31 100
Graphite	tonnes	3 934	3 756	1 702	25 371	53 643
<b>Gypsum</b>						
Crude	tonnes	198 820	177 004	245 432	264 504	200 529
Calcined	tonnes	26 220	29 439	35 933	41 167	47 813
Iodine	kilograms	1 739 000	1 880 600	1 838 900	1 580 200	2 139 700
<b>Iron ore</b>						
Iron ore	tonnes	18 244 000	20 212 123	19 746 303	19 999 656	19 688 773
Burnt pyrites	tonnes	17 819	13 329	8 337	5 894	4 228



## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
<b>Iron, steel and ferro-alloys</b>						
Pig iron	tonnes	185 124	189 127	213 188	228 303	294 402
Sponge & powder	tonnes	15 325	18 734	25 713	25 642	23 054
Ferro-chrome	tonnes	206 897	266 349	283 292	283 009	314 783
Ferro-silico-chrome	tonnes	182	143	108	196	87
Ferro-silico-magnesium	tonnes	2 817	3 084	2 702	2 789	2 167
Ferro-manganese	tonnes	51 833	49 156	59 532	50 040	47 814
Ferro-silico-manganese	tonnes	46 725	57 786	59 597	45 014	69 823
Ferro-molybdenum	tonnes	4 595	5 098	4 835	4 709	5 885
Ferro-nickel	tonnes	63 162	57 202	41 604	19 050	25 071
Ferro-niobium	tonnes	1 586	1 745	1 983	1 632	2 044
Ferro-phosphorus	tonnes	2 801	2 431	3 437	3 174	3 136
Ferro-silicon	tonnes	49 630	47 952	60 877	53 961	74 807
Ferro-titanium & Fe-Si-Ti	tonnes	4 925	4 459	5 478	5 119	4 706
Ferro-tungsten & Fe-Si-W	tonnes	411	568	769	299	569
Ferro-vanadium	tonnes	858	909	1 154	1 059	1 008
Other ferro-alloys	tonnes	8 653	10 133	22 355	11 864	13 234
Silicon metal	tonnes	18 894	20 136	20 336	16 105	19 555
Ingots, blooms, billets	tonnes	801 104	890 109	1 404 233	1 386 584	1 765 134
Scrap	tonnes	1 632 170	2 402 691	2 748 147	2 948 480	3 236 091
Kaolin	tonnes	396 785	439 674	368 970	400 812	379 697
<b>Lead</b>						
Ore	tonnes	205 016	205 411	201 999	192 078	222 259
Unwrought	tonnes	57 104	52 085	50 393	74 128	87 602
Scrap	tonnes	35 139	37 609	43 194	51 764	48 198
<b>Lithium</b>						
Oxides	tonnes	512	346	429	482	432
Carbonate	tonnes	1 050	1 026	1 203	1 293	1 333
<b>Magnesite and magnesia</b>						
Magnesite	tonnes	4 080	7 544	9 615	21 054	23 738
Magnesia	tonnes	192 423	186 512	199 802	145 692	164 453
<b>Manganese</b>						
Ore (a)	tonnes	1 111 060	998 570	1 204 454	950 913	1 618 372
Metal	tonnes	5 897	6 352	8 251	6 396	10 132
Mercury	kilograms	65 000	23 100	36 000	206 700	31 400
<b>Mica</b>						
Ground (b)	tonnes	1 190	1 161	1 151	1 320	1 596
Waste	tonnes	3 305	3 044	2 039	2 025	2 470
<b>Molybdenum</b>						
Ores & concentrates	tonnes	2 378	2 539	2 354	3 273	2 384
Metal	tonnes	429	627	...	526	817
Oxides	tonnes	148	96	57	73	104
<b>Nickel</b>						
Mattes, sinters etc.	tonnes	16 365	16 744	16 697	15 985	16 638
Unwrought	tonnes	26 480	32 807	39 221	36 956	40 991
Unwrought alloys	tonnes	4 851	6 740	6 658	6 652	5 491
Scrap	tonnes	1 507	1 379	2 199	2 040	3 351
Oxides	tonnes	222	216	537	397	317
Crude petroleum	tonnes	83 237 071	86 964 817	91 356 469	81 273 805	83 394 974
Phosphates	tonnes	1 706 019	1 557 341	1 471 321	1 356 181	1 072 594
<b>Platinum metals</b>						
Platinum	kilograms	13 868	16 900	12 700	19 500	11 400
Platinum metals	kilograms	12 535	19 400	26 400	21 000	27 300
Waste & scrap	kilograms	19 706	2 100	7 500	4 700	28 800
<b>Potash</b>						
Fertiliser salts	tonnes	40 346	12 715	1 045	1 622	1 916
Sulphate	tonnes	101 484	101 910	90 079	93 584	95 023
Chloride	tonnes	1 485 627	1 686 159	2 028 433	1 778 253	1 682 073
Other potassic fertilisers	tonnes	34 777	33 015	30 028	27 100	25 318
<b>Rare earths</b>						
Cerium compounds	tonnes	6 658	11 028	19 647	16 540	18 159
Other rare earth compounds	tonnes	15 752	906	1 369	...	679
Ferro-cerium & other pyrophoric alloys	tonnes	37	61	...	26	8
Metals	tonnes	406	412	430	281	382
Salt	tonnes	462 937	599 152	559 453	581 948	533 225
Sillimanite	tonnes	5 141	3 286	3 091	3 339	2 864

## France

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Silver						
Metal	kilograms	1 933 921	1 786 800	1 326 300	1 223 400	1 439 100
Waste & scrap	kilograms	482 889	241 900	682 847	...	...
Sulphur and pyrites						
Pyrites	tonnes	4 891	1 701	2 474	3 260	12 396
Sulphur, crude	tonnes	104 022	134 934	117 946	113 106	97 992
Sulphur, refined	tonnes	18 484	39 964	16 355	12 456	75 859
Sulphur, sublimed & precipitated	tonnes	17 825	6 072	11 152	18 845	25 216
Talc	tonnes	31 038	40 503	49 837	36 144	41 304
Tantalum and niobium						
Tantalum	tonnes	39	17	27	15	16
Tin						
Concentrates	tonnes	451	230	1 008	203	37
Unwrought	tonnes	8 191	8 104	8 505	7 596	7 722
Unwrought alloys	tonnes	608	386	905	686	614
Scrap	tonnes	536	1 740	1 957	1 163	1 236
Titanium						
Ilmenite	tonnes	37 667	52 490	81 127	53 667	182 583
Other titanium minerals	tonnes	117 162	96 119	141 575	92 682	17 288
Titanium slag	tonnes	159 761	92 773	...	116 357	48 117
Metal	tonnes	4 942	7 343	7 472	6 638	7 757
Oxides	tonnes	115 143	123 629	124 028	127 084	143 436
Tungsten						
Metal	tonnes	*600	393	685	877	744
Carbide	tonnes	329	224	...	462	534
Vanadium						
Ores & concentrates	tonnes	427	509	374	156	162
Pentoxide	tonnes	246	406	476	362	461
Metal	tonnes	...	875	114	264	130
Zinc						
Ore	tonnes	604 490	634 286	563 460	601 964	637 021
Unwrought	tonnes	108 023	114 185	116 935	128 500	129 061
Unwrought alloys	tonnes	49 102	43 838	46 526	35 640	49 384
Scrap	tonnes	11 952	16 031	12 966	17 242	12 758
Zirconium						
Concentrates	tonnes	63 530	56 561	54 164	60 282	57 420
Metal	tonnes	146	314	156	116	135

Note(s):-

(a) Including manganese iron ore

(b) Including unmanufactured

# Georgia

## Production

Commodity	Units	1996	1997	1998	1999	2000
White arsenic	tonnes	*400	*400	*400	*400	*400
Barytes	tonnes	1 473	2 782	390	----	...
Bentonite and fuller's earth						
Bentonite	tonnes	13 000	12 000	*11 000	*12 000	...
Coal	tonnes	22 500	4 600	14 700	12 000	7 000
Copper, mine	tonnes (metal content)	6 900	6 000	3 500	1 000	...
Gold, mine	kilograms (metal content)	500	700	800	1 587	*1 600
Gypsum	tonnes	...	3 700	5 700	9 600	...
Crude steel	tonnes	82 681	103 152	56 353	7 036	1 000
Ferro-alloys						
Ferro-manganese	tonnes	7 612	3 991	10 312	6 441	*7 000
Ferro-silico-manganese	tonnes	6 995	16 616	31 775	26 249	*25 000
Other ferro-alloys	tonnes	1 014	39	3 446	4 856	...
Manganese ore (a)	tonnes	101 900	14 200	16 000	47 900	...
Perlite	tonnes	*5 000	*5 000	...	...	...
Crude petroleum	tonnes	127 900	133 800	119 200	91 300	100 000
Natural gas	million m <sup>3</sup>	3	----	----	----	100
Zinc, mine	tonnes (metal content)	*1 000	*1 000	*1 000	*1 000	*1 000

Note(s):-

(a) Marketable

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought	tonnes	...	...	...	6 602	5 865
Scrap	tonnes	...	(a) *4 900	(a) *7 600	(a) *7 600	27 816
Barytes	tonnes	...	617	470	2	60
Bentonite and fuller's earth						
Bentonite	tonnes	...	(a) *8 400	(a) *11 800	10 136	8 166
Copper						
Ores & concentrates	tonnes	...	...	...	5 531	46 486
Scrap	tonnes	(a) *600	(a) *1 700	(a) *2 800	(a) *5 700	7 196
Gold						
Metal (a)	kilograms	...	*100	*1 000	...	...
Iron ore (a)	tonnes	*5 000	*52 600	*48 500	...	...
Iron, steel and ferro-alloys						
Pig iron	tonnes	976	3 943	2 204	460	70
Ferro-manganese	tonnes	(b) 35 109	10 155	10 430	15 069	8 410
Ferro-silico-manganese	tonnes	...	16 672	31 587	28 837	18 453
Ingots, blooms, billets	tonnes	14 423	59 666	27 274	6 708	4 527
Scrap	tonnes	(a) *5 300	(a) *38 100	(a) *65 800	385 955	782 582
Manganese						
Metal	tonnes	...	...	(a) *200	(a) *200	1 440
Crude petroleum	tonnes	70 352	137 810	61 528	52 205	79 571
Platinum metals						
Waste & scrap	kilograms	(a) *100	(a) *900	(a) *100	(a) *400	54 975
Titanium						
Metal	tonnes	----	----	205	539	151

Note(s):-

(a) BGS estimates, based on known imports into certain countries

(b) Including ferro-silico- manganese

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Barytes	tonnes	...	...	...	2 067	5 910
Bentonite and fuller's earth						
Bentonite	tonnes	...	...	...	3 651	2 251
Gypsum	tonnes	...	...	...	3 731	3 819
Salt	tonnes	...	...	...	11 587	18 583

## Germany

### Production

Commodity	Units	1996	1997	1998	1999	2000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	755 333	737 815	*600 000	583 000	717 021
Primary aluminium	tonnes	576 492	571 941	612 381	633 803	643 545
White arsenic	tonnes	*250	*250	*200	*200	*200
Barytes	tonnes	121 476	118 698	123 272	118 489	111 790
Bentonite and fuller's earth						
Bentonite	tonnes	491 346	511 190	508 738	476 580	464 616
Bromine	kilograms	*750 000	*700 000	*600 000	...	...
Cadmium (a)	tonnes	1 145	1 140	1 020	1 145	*1 130
Coal						
Anthracite & bituminous	tonnes	48 196 515	46 789 987	41 639 952	40 258 004	34 251 019
Brown coal	tonnes	187 246 925	177 159 541	166 036 413	161 282 000	167 691 000
Copper, smelter	tonnes	385 400	349 100	320 000	*330 000	350 000
Copper, refined	tonnes	670 800	673 712	695 869	695 626	709 400
Diatomite	tonnes	47 728	50 475	53 953	53 444	54 309
Feldspar	tonnes	359 666	455 969	333 893	...	...
Fluorspar	tonnes	32 448	23 868	30 641	28 260	31 124
Graphite	tonnes	2 603	1 030	270	3 891	...
Gypsum (b)	tonnes	2 315 000	2 548 000	2 459 000	2 259 000	2 344 000
Iron ore (c) (d)	tonnes	104 280	200 940	604 912	615 165	461 525
Pig iron	tonnes	27 722 000	30 940 000	30 162 000	27 934 000	30 845 000
Crude steel	tonnes	39 793 000	45 007 000	44 046 000	42 062 000	46 376 000
Ferro-alloys						
Ferro-chrome	tonnes	25 303	25 856	20 879	16 960	21 600
Ferro-manganese	tonnes	*10 000	...	...	...	...
Other ferro-alloys	tonnes	*30 000	*30 000	*30 000	*30 000	*30 000
Silicon metal	tonnes	22 232	20 599	19 200	21 400	26 400
Kaolin (e)	tonnes	700 000	721 000	736 000	*700 000	...
Lead, refined	tonnes	238 100	329 203	352 885	352 772	386 662
Crude petroleum	tonnes	2 851 925	2 820 398	2 894 526	2 740 073	3 119 592
Natural gas	million m <sup>3</sup>	23 211	22 615	21 967	23 072	21 720
Potash						
Potassic salts	tonnes (K <sub>2</sub> O content)	3 331 785	3 443 600	3 580 347	3 543 360	3 407 467
Salt						
Rock salt	tonnes	7 837 000	6 306 000	5 548 000	7 221 000	5 360 000
Brine salt	tonnes	999 000	1 128 000	1 123 000	1 184 000	1 206 000
Salt in brine	tonnes	5 015 000	5 420 000	5 440 000	5 589 000	6 023 000
Selenium metal	tonnes	*115	*115	*100	*100	*100
Sulphur and pyrites						
Recovered (f)	tonnes (sulphur content)	83 800	79 800	90 191	84 400	80 128
Recovered (g)	tonnes (sulphur content)	1 463 400	1 497 500	1 612 143	1 696 353	1 611 792
Recovered (h)	tonnes (sulphur content)	43 400	45 000	48 528	42 440	42 518
Talc	tonnes	10 005	13 035	15 473	*15 000	*15 000
Zinc, slab	tonnes	328 100	317 679	333 968	332 852	*330 000

Note(s):-

- (a) Including cadmium sponge and/or secondary metal
- (b) Including anhydrite
- (c) Including manganiferous iron ore
- (d) Used as aggregate in the construction industry
- (e) Washed and dried
- (f) From metal sulphide processing
- (g) From petroleum refining and/or natural gas
- (h) Other

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	26 552	27 655	35 759	32 399	35 361
Alumina	tonnes	214 801	268 415	233 561	198 433	191 531
Alumina hydrate	tonnes	325 010	368 389	433 391	452 136	515 888
Unwrought	tonnes	18 859	34 928	25 612	33 335	53 127
Unwrought alloys	tonnes	241 472	194 687	211 075	266 917	321 684
Scrap	tonnes	414 210	545 771	528 396	549 248	546 235

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Antimony						
Metal	tonnes	84	32	38	48	36
Oxide	tonnes	791	957	1 061	1 141	968
Arsenic						
Metallic arsenic	tonnes	19	13	17	22	27
Barytes	tonnes	17 470	18 552	14 779	14 978	15 906
Bentonite and fuller's earth						
Bentonite	tonnes	26 021	72 839	54 018	64 993	42 595
Bismuth						
Compounds	tonnes	79	336	27	28	38
Metal	tonnes	133	75	102	51	125
Bromine	kilograms	3 700	12 300	38 400	17 700	12 300
Cadmium						
Metal	tonnes	595	1 179	758	382	600
Chromium						
Ores & concentrates	tonnes	7 130	9 372	16 478	16 098	14 675
Metal	tonnes	499	1 878	1 037	726	1 108
Coal						
Hard coal (a)	tonnes	1 037 327	513 327	322 353	200 506	178 430
Brown coal	tonnes	544 460	339 407	251 869	200 744	220 449
Briquettes	tonnes	132 804	427 260	232 346	207 775	260 538
Cobalt						
Metal	tonnes	1 255	1 387	1 103	1 396	931
Oxides	tonnes	51	197	121	136	164
Copper						
Ore	tonnes	14 898	24 727	11 896	14 898	26 023
Matte & cement	tonnes	776	1 087	19	848	636
Unwrought, unrefined	tonnes	532	4 171	236	118	25
Unwrought, refined	tonnes	246 759	146 752	109 741	140 165	94 125
Unwrought alloys	tonnes	21 905	25 952	26 457	27 496	35 588
Scrap	tonnes	248 568	335 664	306 024	272 055	289 766
Diamond						
Gem, cut	carats	147 309	108 063	263 058	176 713	175 521
Industrial	carats	63 783	74 078	70 582	28 164	48 843
Dust	carats	89 060 000	46 710 000	48 145 000	32 725 000	46 500 000
Diatomite	tonnes	5 727	7 408	10 430	5 540	5 209
Feldspar	tonnes	61 033	60 999	35 317	70 699	60 691
Fluorspar	tonnes	15 631	20 206	15 892	20 197	18 875
Gold						
Metal	kilograms	94 451	73 400	67 400	68 800	80 000
Waste & scrap	kilograms	29 214	228 700	160 500	313 100	646 300
Graphite	tonnes	9 494	9 108	8 843	8 549	12 120
Gypsum						
Crude	tonnes	222 957	172 589	169 238	134 270	128 317
Calcined	tonnes	888 118	680 859	828 936	636 192	693 861
Iodine	kilograms	432 700	324 200	539 600	568 300	855 900
Iron ore						
Iron ore	tonnes	34 034	14 176	4 461	12 222	20 659
Burnt pyrites	tonnes	12 886	94 633	13 678	1 318	4 587
Iron, steel and ferro-alloys						
Pig iron	tonnes	91 977	127 095	65 445	81 300	116 513
Sponge & powder	tonnes	20 831	29 485	21 011	16 304	27 258
Ferro-chrome	tonnes	45 426	51 436	59 663	38 575	47 714
Ferro-silico-chrome	tonnes	3 719	3 512	1 019	525	251
Ferro-silico-magnesium	tonnes	5 543	6 470	6 875	6 896	4 894
Ferro-manganese	tonnes	12 434	12 236	17 755	11 286	19 071
Ferro-silico-manganese	tonnes	9 892	7 853	11 255	9 367	11 082
Ferro-molybdenum	tonnes	1 309	855	681	1 153	765
Ferro-nickel	tonnes	1 001	174	909	582	42
Ferro-niobium	tonnes	925	590	312	853	1 066
Ferro-phosphorus	tonnes	2 394	1 567	1 532	1 506	1 704
Ferro-silicon	tonnes	31 849	35 707	44 943	47 426	50 904
Ferro-titanium & Fe-Si-Ti	tonnes	2 476	2 106	2 304	2 500	2 585
Ferro-tungsten & Fe-Si-W	tonnes	83	76	120	92	310
Ferro-vanadium	tonnes	420	459	332	262	299
Other ferro-alloys	tonnes	13 696	16 921	24 078	12 690	11 272
Silicon metal	tonnes	8 796	9 477	7 943	8 957	10 736
Ingots, blooms, billets	tonnes	2 254 291	2 240 378	1 734 789	1 842 123	2 451 015
Scrap	tonnes	6 684 361	6 930 512	7 027 029	6 999 310	6 878 310

## Germany

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Kaolin	tonnes	196 066	178 366	194 610	387 173	367 230
Lead						
Ore	tonnes	-----	-----	5 170	16 443	27 765
Unwrought	tonnes	53 785	72 818	88 922	83 669	117 138
Scrap	tonnes	13 598	13 866	14 910	15 561	13 112
Lithium						
Oxides	tonnes	802	819	644	650	740
Carbonate	tonnes	2 978	1 439	989	1 403	1 690
Magnesite and magnesia						
Magnesite	tonnes	3 391	1 211	602	119	217
Magnesia	tonnes	69 347	70 206	71 504	41 274	56 707
Manganese						
Metal	tonnes	6 798	8 859	8 243	6 654	11 747
Mercury	kilograms	99 500	95 600	136 400	152 300	567 400
Mica	tonnes	1 855	1 972	2 028	1 630	2 173
Molybdenum						
Ores & concentrates	tonnes	365	111	36	206	39
Metal	tonnes	1 042	1 368	1 070	1 132	1 337
Oxides	tonnes	885	731	770	17	3 863
Nickel						
Unwrought	tonnes	7 184	8 545	17 087	13 553	7 346
Unwrought alloys	tonnes	4 315	3 572	4 678	4 573	7 190
Scrap	tonnes	7 203	9 236	6 674	12 308	26 627
Oxides	tonnes	122	141	46	19	77
Crude petroleum	tonnes	1 089 862	1 008 553	156 975	168 289	313 476
Phosphates	tonnes	217	81	1 646	890	678
Platinum metals						
Platinum	kilograms	17 347	20 300	21 300	22 000	23 500
Palladium	kilograms	16 105	17 800	21 000	21 900	19 900
Other platinum metals	kilograms	3 593	1 600	2 800	3 200	4 300
Waste & scrap	kilograms	31 588	329 400	620 300	671 500	575 900
Potash						
Fertiliser salts (b) (c)	tonnes	2 648 218	2 873 050	2 916 848	2 898 276	2 856 180
Rare earths						
Rare earth compounds	tonnes	151	144	112	98	106
Ferro-cerium & other pyrophoric alloys	tonnes	9	6	0	2	4
Metals	tonnes	30	29	20	15	31
Salt	tonnes	2 852 410	2 576 659	2 750 863	2 984 868	2 753 620
Sillimanite	tonnes	6 492	7 440	8 081	4 779	7 026
Silver						
Metal	kilograms	1 020 727	1 168 100	2 022 300	2 252 100	2 306 500
Sulphur and pyrites						
Pyrites	tonnes	614	495	375	480	457
Sulphur, crude	tonnes	940 867	924 574	1 059 498	1 113 801	1 013 806
Sulphur, refined	tonnes	28 542	22 143	22 936	18 278	31 354
Sulphur, sublimed & precipitated	tonnes	380	319	367	342	18 962
Talc	tonnes	6 102	6 041	6 273	4 215	5 216
Tantalum and niobium						
Niobium & tantalum ores	tonnes	109	72	191	308	739
Tantalum	tonnes	141	165	154	246	336
Tin						
Unwrought	tonnes	248	426	395	854	575
Unwrought alloys	tonnes	483	648	1 065	826	1 108
Scrap	tonnes	467	559	568	509	309
Titanium						
Titanium minerals	tonnes	970	588	11 251	670	164
Metal	tonnes	4 092	4 092	3 570	5 007	6 578
Oxides	tonnes	237 877	277 670	267 996	287 789	299 268
Tungsten						
Metal	tonnes	1 494	1 555	1 426	1 469	1 942
Vanadium						
Vanadiferous residues	tonnes	566	364	189	282	358
Pentoxide	tonnes	201	296	163	183	91
Metal	tonnes	320	659	581	133	336
Zinc						
Ore	tonnes	46 030	41 710	56 509	64 299	58 100
Unwrought	tonnes	70 130	49 088	53 350	58 110	66 002
Unwrought alloys	tonnes	27 710	38 446	37 150	38 577	40 377
Scrap	tonnes	29 044	33 795	35 691	45 412	45 218

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Zirconium						
Concentrates	tonnes	4 354	4 461	6 174	5 704	5 428
Metal	tonnes	132	152	229	254	241

Note(s):-

(a) Including anthracite

(b) K<sub>2</sub>O content

(c) Including sulphate, chloride and other potassic fertilisers

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	1 354 738	2 181 018	1 531 027	2 200 973	2 170 064
Alumina	tonnes	620 149	785 291	832 168	770 127	650 080
Alumina hydrate	tonnes	309 106	293 677	290 460	326 953	359 940
Unwrought	tonnes	564 377	698 561	637 505	525 335	610 431
Unwrought alloys	tonnes	544 379	701 649	834 429	807 818	975 753
Scrap	tonnes	259 670	440 194	479 496	446 510	441 033
Antimony						
Ore	tonnes	...	...	442	578	500
Metal	tonnes	568	620	746	1 231	741
Oxide	tonnes	5 352	5 064	5 170	4 850	6 835
Arsenic						
Metallic arsenic	tonnes	42	19	32	25	10
Asbestos	tonnes	119	143	191	214	189
Barytes	tonnes	203 474	230 696	255 201	202 026	241 776
Bentonite and fuller's earth						
Bentonite	tonnes	164 551	207 106	243 554	281 618	233 046
Fuller's earth	tonnes	21 878	9 538	9 207	7 045	5 419
Bismuth						
Compounds	tonnes	471	426	710	861	1 383
Metal	tonnes	421	940	1 314	1 597	1 810
Bromine	kilograms	3 148 000	3 092 100	2 667 000	2 281 100	4 095 300
Cadmium						
Metal	tonnes	178	26	34	7	6
Oxide	tonnes	60	144	165	165	150
Sulphide	tonnes	2	7	5	7	8
Chromium						
Ores & concentrates	tonnes	177 909	180 312	201 728	101 700	119 869
Metal	tonnes	1 479	1 950	1 888	1 777	2 905
Coal						
Anthracite	tonnes	258 966	348 536	387 288	352 617	440 328
Other coal	tonnes	16 089 372	19 511 920	21 801 982	21 733 088	22 483 547
Brown coal	tonnes	2 558 933	2 150 892	1 943 544	2 089 587	1 812 000
Briquettes	tonnes	111 376	530 856	370 663	232 540	195 611
Cobalt						
Metal	tonnes	2 508	2 127	2 481	2 094	2 289
Oxides	tonnes	346	339	477	488	385
Copper						
Ore	tonnes	689 055	640 856	605 691	839 574	708 614
Matte & cement	tonnes	12 002	20 230	7 915	2 910	7 515
Unwrought, unrefined	tonnes	81 345	62 636	45 406	36 613	32 370
Unwrought, refined	tonnes	450 441	526 854	578 913	565 299	689 673
Unwrought alloys	tonnes	42 407	39 486	41 963	34 552	44 175
Scrap	tonnes	427 249	568 738	610 197	515 564	490 828
Diamond						
Gem, cut	carats	522 690	494 351	504 940	516 680	530 657
Industrial	carats	470 303	1 797 380	2 434 993	2 645 448	3 418 322
Dust	carats	74 230 000	51 350 000	61 055 000	70 825 000	57 500 000
Diatomite	tonnes	47 509	46 530	52 079	50 799	45 488
Feldspar	tonnes	66 209	41 670	48 165	45 405	51 494
Fluorspar	tonnes	238 905	263 201	290 687	300 656	270 412

## Germany

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Gold						
Metal	kilograms	96 541	91 500	141 200	83 700	60 400
Waste & scrap	kilograms	178 025	202 000	449 300	465 400	1 309 872
Graphite	tonnes	41 345	39 272	39 190	38 228	45 517
Gypsum						
Crude	tonnes	177 105	159 545	180 628	273 764	208 536
Calcined	tonnes	99 327	73 950	71 634	50 807	46 851
Iodine	kilograms	1 232 500	1 229 900	1 282 900	1 328 900	1 346 700
Iron ore						
Iron ore	tonnes	39 303 336	41 686 890	53 595 582	38 801 838	47 502 511
Burnt pyrites	tonnes	71 484	94 633	86 364	89 957	76 415
Iron, steel and ferro-alloys						
Pig iron	tonnes	242 049	296 685	339 177	257 567	256 621
Sponge & powder	tonnes	46 172	58 410	57 330	61 791	140 416
Ferro-chrome	tonnes	339 641	396 657	449 711	417 825	420 503
Ferro-silico-chrome	tonnes	18 711	22 121	19 592	9 003	8 144
Ferro-silico-magnesium	tonnes	4 600	4 066	3 831	3 613	11 926
Ferro-manganese	tonnes	152 092	175 233	180 041	131 569	197 356
Ferro-silico-manganese	tonnes	121 775	144 301	101 243	134 131	133 257
Ferro-molybdenum	tonnes	6 757	8 449	9 828	8 811	11 119
Ferro-nickel	tonnes	77 681	88 858	56 098	29 629	58 291
Ferro-niobium	tonnes	3 395	3 664	3 359	2 603	3 236
Ferro-phosphorus	tonnes	7 266	5 540	4 612	5 662	6 176
Ferro-silicon	tonnes	179 525	173 056	175 323	187 994	196 017
Ferro-titanium & Fe-Si-Ti	tonnes	7 586	7 056	8 380	7 556	7 921
Ferro-tungsten & Fe-Si-W	tonnes	529	455	645	549	403
Ferro-vanadium	tonnes	3 861	5 423	5 506	4 075	5 263
Other ferro-alloys	tonnes	21 224	20 138	27 124	9 872	14 481
Silicon metal	tonnes	95 897	121 559	117 776	85 384	98 318
Ingots, blooms, billets	tonnes	998 882	1 141 721	1 593 375	1 165 465	1 778 789
Scrap	tonnes	1 334 691	1 862 205	2 678 292	2 863 594	3 523 681
Kaolin	tonnes	633 467	729 379	739 660	719 302	809 665
Lead						
Ore	tonnes	48 673	60 804	135 270	191 178	209 758
Unwrought	tonnes	126 582	119 047	122 657	113 501	134 230
Scrap	tonnes	8 707	14 500	13 735	16 738	18 724
Lithium						
Oxides	tonnes	4 051	4 975	4 563	3 903	5 529
Carbonate	tonnes	5 891	7 286	2 429	4 034	4 026
Magnesite and magnesia						
Magnesite	tonnes	26 105	10 547	8 371	15 190	17 337
Magnesia	tonnes	523 866	496 025	471 106	385 102	493 512
Manganese						
Ore (a)	tonnes	12 717	26 234	23 108	21 711	8 644
Metal	tonnes	18 666	18 324	42 939	27 449	47 498
Mercury	kilograms	90 000	77 700	41 400	27 600	59 300
Mica						
Unmanufactured	tonnes	904	868	878	1 485	1 453
Ground	tonnes	23 447	22 661	26 492	18 735	19 428
Molybdenum						
Ores & concentrates	tonnes	9 167	8 437	12 976	10 331	10 866
Metal	tonnes	1 492	1 465	1 922	1 993	2 159
Oxides	tonnes	1 197	1 085	703	378	311
Nickel						
Mattes, sinters etc.	tonnes	9 317	8 629	11 560	8 436	10 701
Unwrought	tonnes	57 564	62 752	77 030	79 030	94 153
Unwrought alloys	tonnes	3 859	1 488	1 502	1 705	4 335
Scrap	tonnes	10 474	11 723	7 486	9 103	12 599
Oxides	tonnes	343	411	472	779	701
Crude petroleum	tonnes	103 541 602	100 737 953	108 124 652	103 753 381	105 292 890
Phosphates	tonnes	257 521	284 812	252 950	142 779	140 251
Platinum metals						
Platinum	kilograms	22 775	26 900	21 700	29 100	38 900
Palladium	kilograms	24 790	31 700	29 400	22 400	34 400
Other platinum metals	kilograms	6 791	4 300	4 300	4 200	5 100
Waste & scrap	kilograms	1 347 887	2 238 400	2 687 900	3 185 800	3 957 300
Potash						
Chloride (b)	tonnes	64 319	67 527	66 333	53 632	47 925
Other potassic fertilisers (b)	tonnes	2 145	1 617	2 237	1 872	2 386



## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Rare earths						
Cerium compounds	tonnes	1 704	2 178	2 593	1 928	1 390
Other rare earth compounds	tonnes	1 027	726	463	2 921	4 674
Ferro-cerium & other pyrophoric alloys	tonnes	4	4	4	19	6
Metals	tonnes	500	530	522	625	895
Salt	tonnes	1 673 685	1 792 547	1 583 346	1 514 180	2 062 758
Sillimanite	tonnes	47 939	43 196	58 525	52 924	56 898
Silver						
Ores & concentrates	kilograms	-----	1 041 400	5 027 600	4 540 700	2 005 800
Metal	kilograms	1 074 428	1 233 100	1 728 800	1 481 600	1 584 400
Sulphur and pyrites						
Pyrites	tonnes	163 293	206 363	163 625	87 902	84 043
Sulphur	tonnes	29 552	58 912	46 141	8 626	21 207
Sulphur, sublimed & precipitated	tonnes	883	1 196	1 639	2 248	2 133
Talc	tonnes	226 138	228 450	213 254	212 333	258 529
Tantalum and niobium						
Tantalum	tonnes	169	235	183	203	298
Tin						
Unwrought	tonnes	19 685	20 735	21 195	18 620	21 519
Unwrought alloys	tonnes	702	782	768	473	528
Scrap	tonnes	248	400	416	572	758
Titanium						
Ilmenite	tonnes	342 250	236 404	345 057	315 818	387 707
Other titanium minerals	tonnes	251 050	195 479	277 325	275 515	170 381
Titanium slag	tonnes	81 392	127 137	...	134 790	130 353
Metal	tonnes	7 973	9 426	8 560	9 430	9 595
Oxides	tonnes	153 144	153 104	182 501	169 879	196 901
Tungsten						
Ore	tonnes	378	272	479	805	77
Metal	tonnes	2 329	2 376	3 131	3 792	4 392
Carbide	tonnes	667	1 059	1 091	874	1 182
Vanadium						
Vanadiferous residues	tonnes	133	43	133	903	127
Pentoxide	tonnes	730	926	918	828	614
Metal	tonnes	32	24	47	18	20
Zinc						
Ore	tonnes	439 315	323 616	378 135	208 729	282 566
Unwrought	tonnes	187 880	236 170	258 576	252 203	251 227
Unwrought alloys	tonnes	52 863	70 458	75 088	77 944	86 245
Scrap	tonnes	10 021	7 839	5 826	15 262	18 021
Zirconium						
Concentrates	tonnes	64 751	60 265	72 300	...	...
Metal	tonnes	318	489	496	396	412

Note(s):-

(a) Including manganiferous iron ore

(b) K<sub>2</sub>O content

## Greece

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bauxite	tonnes	2 451 734	1 876 983	1 714 023	1 882 505	*2 000 000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	601 580	584 000	622 000	621 700	668 300
Primary aluminium	tonnes	141 295	132 600	146 100	159 900	162 600
Asbestos	tonnes	80 213	63 294	35 068	32 000	...
Barytes	tonnes	671	842	*800	*800	*800
Bentonite and fuller's earth						
Bentonite	tonnes	973 517	942 555	1 148 408	1 049 657	*1 150 000
Coal						
Lignite	tonnes	54 732 680	58 939 419	60 910 433	61 861 049	*65 000 000
Feldspar	tonnes	60 000	68 000	71 000	78 500	*96 000
Gypsum	tonnes	546 344	662 646	554 998	686 416	*750 000
Crude steel	tonnes	846 885	1 016 000	1 109 000	951 000	1 088 000
Ferro-alloys						
Ferro-nickel	tonnes	71 204	72 934	62 673	59 545	81 662
Kaolin	tonnes	60 453	56 459	46 388	64 931	*65 000
Lead, mine	tonnes (metal content)	8 383	19 335	22 632	19 699	15 554
Lead, refined	tonnes	*5 000	*6 000	*6 000	*6 000	*6 000
Magnesite	tonnes	682 346	623 030	698 049	495 144	*500 000
Manganese ore	tonnes	2 572	2 542	1 898	345	*350
Nickel, mine	tonnes (metal content)	20 558	20 996	18 544	16 556	20 700
Nickel, smelter/refinery	tonnes	17 801	17 610	15 004	13 462	17 125
Perlite	tonnes	598 640	695 917	658 332	777 898	*600 000
Crude petroleum	tonnes	517 001	467 000	315 000	*300 000	256 000
Natural gas	million m <sup>3</sup>	38	38	33	...	36
Salt	tonnes	138 239	173 886	207 060	176 867	244 709
Silver, mine	kilograms (metal content)	16 700	37 300	44 000	39 000	30 644
Sulphur and pyrites						
Pyrites	tonnes (sulphur content)	4 437	...	...	...	...
Recovered (a)	tonnes (sulphur content)	127 000	145 000	150 000	148 000	150 000
Talc	tonnes	180	100	150	2 860	*3 000
Zinc, mine	tonnes (metal content)	7 230	17 627	19 851	17 943	16 834

Note(s):-

(a) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	819 411	537 011	477 582	391 130	666 578
Alumina	tonnes	344 821	297 238	313 398	285 459	249 681
Alumina hydrate	tonnes	24 952	34 070	13 595	12 063	6 500
Unwrought	tonnes	37 663	30 429	42 384	54 366	84 799
Unwrought alloys	tonnes	6 726	16 440	18 923	5 850	9 663
Scrap	tonnes	5 429	14 532	5 460	10 865	16 410
Asbestos	tonnes	74 043	51 720	35 185	28 360	8 946
Bentonite and fuller's earth						
Bentonite	tonnes	65 071	12 002	126 698	39 742	10 810
Chromium						
Ores & concentrates	tonnes	3 920	-----	-----	2 162	3 000
Copper						
Scrap	tonnes	6 372	10 859	4 655	2 902	6 298
Feldspar	tonnes	25 789	19 314	10 576	17 703	...
Gold						
Metal	kilograms	...	613	117	1 467	352
Gypsum						
Crude	tonnes	18 863	22 621	24 414	41 094	111 045
Calcined	tonnes	3 199	944	4 500	4 568	470
Iron, steel and ferro-alloys						
Ferro-alloys	tonnes	2 939	932	...	11 101	12 794
Ingots, blooms, billets	tonnes	60 036	6 145	92	999	2 363
Scrap	tonnes	55 139	88 418	72 376	55 010	35 747
Kaolin	tonnes	26 464	15 733	8 952	3 811	4 252

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Lead						
Unwrought	tonnes	4 761	2 924	2 594	5 885	3 671
Magnesite and magnesia						
Magnesite	tonnes	21 023	13 728	16 205	19 027	19 205
Magnesia	tonnes	158 423	168 398	149 459	138 019	135 809
Crude petroleum	tonnes	894 507	700 026	740 109	1 216 076	695 163
Salt	tonnes	25 683	21 649	29 445	41 469	40 445
Silver						
Metal	kilograms	...	...	...	2 741	3 047
Sulphur and pyrites						
Sulphur	tonnes	4 999	331	471	267	436
Talc	tonnes	54	116	972	1 597	1 413
Titanium						
Oxides	tonnes	1 000	1 400	820	1 159	1 281
Zinc						
Ores & concentrates	tonnes	8 503	32 501	42 878	29 500	32 670
Unwrought (a)	tonnes	719	300	1 211	2 000	885
Scrap	tonnes	1 198	1 552	700	527	173

Note(s):-

(a) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	415	3	27 456	40 852	282 649
Alumina	tonnes	2 092	995	6 334	2 399	5 225
Unwrought	tonnes	53 971	87 660	85 870	73 680	95 031
Unwrought alloys	tonnes	17 486	31 790	37 410	39 524	40 679
Scrap	tonnes	2 620	6 476	4 306	7 989	16 678
Antimony						
Metal	tonnes	39	45	58	98	47
Arsenic						
Metallic arsenic	tonnes	...	11	21	26	27
Asbestos	tonnes	252	239	244	72	501
Barytes	tonnes	4 373	1 951	1 278	858	1 711
Bentonite and fuller's earth						
Bentonite	tonnes	301	3 298	9 659	5 740	8 119
Bismuth						
Metal	tonnes	2	6	2	10	9
Chromium						
Ores & concentrates	tonnes	1 638	3 007	2 170	2 162	213
Coal						
Hard coal (a)	tonnes	1 572 505	1 230 221	1 175 265	1 126 351	1 038 517
Cobalt						
Metal	tonnes	39	43	57	44	108
Copper						
Unwrought	tonnes	89 723	96 933	103 592	114 876	135 629
Unwrought alloys	tonnes	464	815	1 691	678	624
Scrap	tonnes	1 631	4 088	651	2 590	7 841
Diamond						
Unsorted	carats	£748 000	£503 000	£599 000	£180 000	£447 000
Gem, rough	carats	£17 000	...	£155 000	£62 000	£11 000
Gem, cut	carats	£2 280 000	£2 105 000	£2 435 000	£1 106 000	£2 062 000
Industrial	carats	£711 000	£788 000	£1 049 000	£433 000	£801 000
Diatomite	tonnes	2 325	962	867	585	714
Feldspar	tonnes	8 049	1 302	492	944	2 545
Fluorspar	tonnes	13 608	14 313	15 298	14 029	8 733
Gold						
Metal	kilograms	14 947	1 883	14 827	5 740	...
Waste & scrap	kilograms	32	7	3 698	1 633	21 400
Graphite	tonnes	521	674	564	119	60
Gypsum						
Crude	tonnes	2 958	10 033	1 229	229	1 408
Calcined	tonnes	2 089	1 736	1 963	2 753	23 025
Iodine	kilograms	...	23 000	13 000	1 318	1 158

## Greece

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Iron ore						
Burnt pyrites	tonnes	91 592	61 204	39 557	22 886	156 876
Iron, steel and ferro-alloys						
Pig iron	tonnes	14 439	13 132	11 561	7 706	4 864
Ferro-manganese	tonnes	2 667	2 349	*1 800	1 025	2 971
Ferro-silico-manganese	tonnes	8 503	8 738	7 607	4 763	8 827
Ferro-silicon	tonnes	2 427	5 754	3 048	2 212	1 987
Other ferro-alloys	tonnes	353	489	800	436	649
Silicon metal	tonnes	582	563	963	911	915
Ingots, blooms, billets	tonnes	455 454	464 809	145 225	402 216	711 253
Scrap	tonnes	543 799	762 235	491 145	278 010	309 235
Kaolin	tonnes	73 542	57 688	44 061	44 968	43 835
Lead						
Unwrought	tonnes	5 426	6 214	2 982	5 420	3 764
Scrap	tonnes	1 931	8 100	10 861	4 897	1 350
Magnesite and magnesia						
Magnesite	tonnes	11 032	1 508	9 851	8 275	5 505
Magnesia	tonnes	1 420	381	541	814	1 358
Manganese						
Ore	tonnes	12 720	27 130	22 396	23 050	20 853
Metal	tonnes	392	399	500	474	546
Mercury	kilograms	4 000	5 000	4 000	4 001	20 940
Mica	tonnes	110	129	61	201	119
Molybdenum						
Metal	tonnes	2	68	97	26	1
Nickel						
Unwrought	tonnes	90	108	127	144	226
Crude petroleum	tonnes	17 850 000	10 753 000	16 532 000	9 269 870	18 301 453
Phosphates	tonnes	626 328	525 614	437 066	361 710	264 934
Platinum metals						
Platinum & platinum metals	kilograms	...	...	...	709	372
Potash						
Sulphate	tonnes	144 232	164 451	102 220	82 587	109 584
Chloride	tonnes	27 312	12 472	42 680	22 835	23 925
Other potassic fertilisers	tonnes	7 916	8 400	10 986	11 075	...
Salt	tonnes	140 162	144 966	149 344	102 191	131 417
Silver						
Metal	kilograms	...	...	...	52 252	39 023
Sulphur and pyrites						
Sulphur, crude	tonnes	163 888	162 421	153 871	196 341	127 790
Sulphur, sublimed & precipitated	tonnes	445	139	5	28	0
Talc	tonnes	5 381	4 614	7 014	5 129	10 325
Tin						
Unwrought (b)	tonnes	491	502	296	153	307
Titanium						
Titanium minerals	tonnes	1 045	600	774	689	742
Oxides	tonnes	17 672	20 728	22 639	20 946	20 719
Zinc						
Unwrought (b)	tonnes	21 179	25 331	22 637	20 894	24 617

Note(s):-

(a) Including anthracite

(b) Including alloys

# Hungary

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bauxite	tonnes	1 055 800	742 700	908 900	935 200	1 046 500
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	*354 000	*243 000	250 000	337 500	357 100
Primary aluminium	tonnes	32 000	33 700	34 000	34 000	33 850
Bentonite and fuller's earth						
Bentonite	tonnes	40 630	19 553	26 724	61 928	5 120
Coal						
Bituminous	tonnes	963 000	925 000	877 000	738 000	744 000
Lignite	tonnes	7 541 000	8 054 000	7 628 000	7 702 000	7 862 000
Brown coal	tonnes	6 967 000	7 193 000	6 563 000	6 477 000	5 670 000
Diatomite	tonnes	2 990	2 885	2 368	1 240	1 878
Gypsum (a)	tonnes	185 000	192 000	185 000	203 000	251 000
Pig iron	tonnes	1 496 370	1 139 934	1 258 851	1 309 584	1 340 353
Crude steel	tonnes	2 059 942	1 818 523	1 940 110	1 919 739	1 969 344
Manganese ore	tonnes	47 000	49 000	34 000	41 000	41 000
Perlite	tonnes	104 263	151 785	148 455	140 787	151 069
Crude petroleum	tonnes	1 476 600	1 355 420	1 241 380	1 272 140	1 130 850
Natural gas	million m <sup>3</sup>	4 757	4 513	3 958	3 562	3 349
Sulphur and pyrites						
Recovered (b)	tonnes (sulphur content)	30 886	33 906	38 332	*36 000	*34 000
Uranium, mine	tonnes (metal content)	227	222	----	----	----
Vanadium, mine	tonnes (metal content)	*200	*200	*100	----	----

Note(s):-

(a) Including anhydrite

(b) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	10 000	59 280	4 612	5 158	2 711
Alumina	tonnes	302 069	207 067	254 550	227 970	278 685
Unwrought (a)	tonnes	19 227	19 163	21 733	12 653	12 185
Scrap	tonnes	15 121	16 717	18 113	17 536	24 313
Bentonite and fuller's earth						
Bentonite	tonnes	620	501	873	1 673	4 503
Copper						
Scrap	tonnes	13 305	13 268	14 183	13 742	20 586
Gold						
Metal	kilograms	441	740	805	1 181	1 092
Gypsum						
Crude & calcined	tonnes	373	535	758	290	412
Iron, steel and ferro-alloys						
Ferro-alloys	tonnes	4 358	1 555	2 217	1 689	1 573
Ingots, blooms, billets	tonnes	26 991	14 775	42 902	17 277	23 843
Scrap	tonnes	614 916	646 064	552 051	468 613	631 088
Kaolin	tonnes	4 403	1 866	1 814	1 539	2 229
Lead						
Scrap	tonnes	18 742	2 215	2 509	2 315	1 718
Potash						
Potassic fertilisers	tonnes	13 154	14 417	11 832	2 073	2 776
Salt	tonnes	3 069	1 839	437	236	446
Silver						
Metal	kilograms	...	456	489	457	746
Sulphur and pyrites						
Sulphur, sublimed & precipitated	tonnes	9 330	10 975	18 742	...	25
Zinc						
Unwrought	tonnes	467	1 153	841	928	948
Scrap	tonnes	1 961	2 259	2 574	2 423	3 153

Note(s):-

(a) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	66 195	1 664	1 897	21 334	25 212
Unwrought (a)	tonnes	134 248	170 157	156 988	154 127	192 980
Scrap	tonnes	676	11 714	9 760	9 566	9 344
Asbestos	tonnes	5 249	5 759	7 452	1 486	3 558
Barytes	tonnes	*3 000	2 725	2 799	1 095	1 037
Bentonite and fuller's earth	tonnes	4 396	6 348	3 363	4 243	3 587
Chromium						
Ores & concentrates	tonnes	1 008	700	700	700	1 010
Metal	tonnes	44	110	68	...	104
Coal						
Hard coal (b)	tonnes	1 893 219	1 742 672	...	1 567 991	1 663 064
Brown coal	tonnes	549 196	456 029	265 559	...	221 555
Copper						
Unwrought	tonnes	12 400	15 967	17 000	18 900	29 877
Scrap	tonnes	2 871	2 754	3 743	4 913	8 310
Diamond						
Dust	carats	...	1 671 575	1 010 600	758 770	715 975
Diatomite	tonnes	...	2 290	2 989	3 222	2 975
Fluorspar	tonnes	1 700	4 500	2 500	900	545
Gold						
Metal	kilograms	227	259	243	395	283
Graphite	tonnes	813	544	612	431	571
Gypsum						
Crude	tonnes	48 792	62 476	66 295	50 147	51 481
Iron ore	tonnes	2 315 584	1 467 892	2 063 600	1 744 312	2 098 145
Iron, steel and ferro-alloys						
Pig iron	tonnes	31 737	32 281	45 615	25 644	25 167
Ferro-manganese	tonnes	7 262	9 316	10 369	11 082	11 584
Ferro-silicon	tonnes	6 710	6 570	6 415	6 213	5 830
Other ferro-alloys	tonnes	7 882	5 230	4 556	4 046	4 309
Ingots, blooms, billets	tonnes	166 791	233 838	282 161	292 283	210 739
Scrap	tonnes	1 829	13 575	57 710	22 479	40 299
Kaolin	tonnes	34 027	38 726	37 509	33 601	28 869
Lead						
Unwrought	tonnes	13 799	13 876	12 387	9 867	11 577
Magnesite and magnesia	tonnes	20 200	12 849	12 163	9 787	11 963
Manganese						
Metal	tonnes	200	328	357	361	453
Mercury	kilograms	5 000	...	...	...	1 000
Molybdenum						
Metal	tonnes	97	95	124	122	150
Crude petroleum	tonnes	5 512 325	5 480 450	6 738 041	5 755 022	...
Phosphates	tonnes	36 393	21 704	15 481	8 043	23 144
Platinum metals						
Platinum & platinum metals	kilograms	104	123	50	87	88
Potash						
Potassic fertilisers	tonnes	112 821	116 522	96 263	70 417	108 643
Rare earths						
Rare earth compounds	tonnes	192	194	163	198	188
Salt	tonnes	627 424	551 789	418 601	551 648	527 154
Silver						
Metal	kilograms	11 177	1 641	8 132	12 908	17 843
Sulphur and pyrites						
Sulphur	tonnes	11 483	7 104	2 479	1 208	7 270
Sulphur, sublimed & precipitated	tonnes	58	96	129	97	289
Talc	tonnes	...	8 181	9 077	9 245	10 224
Tin						
Unwrought (a)	tonnes	464	332	314	443	562
Titanium						
Metal	tonnes	...	135	234	181	345
Oxides	tonnes	5 400	6 300	6 200	6 800	7 605
Zinc						
Unwrought (a)	tonnes	13 660	15 701	20 456	19 047	23 997

Note(s):-

(a) Including alloys

(b) Including anthracite

# Iceland

## Production

Commodity	Units	1996	1997	1998	1999	2000
Primary aluminium	tonnes	102 096	123 356	183 400	221 434	225 721
Diatomite	tonnes	25 607	27 482	25 734	28 299	27 614
Ferro-alloys						
Ferro-silicon	tonnes	70 520	70 286	67 784	70 100	108 400

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a)	tonnes	101 117	119 794	162 035	221 444	209 680
Scrap	tonnes	4 800	4 200	4 844	4 916	6 136
Diatomite	tonnes	26 358	29 935	25 410	28 482	11 414
Iron, steel and ferro-alloys						
Ferro-silicon	tonnes	68 192	74 993	67 237	69 956	99 884
Scrap	tonnes	11 263	25 832	20 834	21 206	28 727
Salt	tonnes	3 985	3 314	2 437	1 929	4 068

Note(s):-

(a) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	203 152	155 801	377 078	463 691	406 011
Unwrought	tonnes	2 117	2 695	1 134	1 438	4 120
Coal						
Hard coal	tonnes	65 569	58 255	69 685	60 654	100 853
Gold						
Metal	kilograms	...	...	356	200	400
Gypsum	tonnes	4 033	6 155	8 042	8 974	9 273
Iron ore	tonnes	22 736	24 560	22 768	22 774	33 104
Potash						
Sulphate	tonnes	21	701	6 877	38	7
Chloride	tonnes	7 881	2 707	6 987	7 267	24
Salt	tonnes	90 996	87 194	94 408	88 912	104 726
Silver						
Metal	kilograms	633	600	700	400	700

## Irish Republic

### Production

Commodity	Units	1996	1997	1998	1999	2000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	1 233 500	1 272 941	1 322 536	1 395 735	1 410 674
Gypsum	tonnes	422 800	477 000	*500 000	*500 000	*500 000
Crude steel	tonnes	340 510	336 361	354 780	335 000	360 000
Lead, mine	tonnes (metal content)	45 300	45 000	35 900	39 200	57 500
Lead, refined	tonnes	11 900	12 600	13 000	13 000	8 500
Natural gas	million m <sup>3</sup>	2 740	2 359	1 742	1 366	1 187
Silver, mine	kilograms (metal content)	14 700	13 300	10 800	10 400	16 700
Zinc, mine	tonnes (metal content)	164 500	193 100	180 400	200 200	263 000

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	1 346 339	1 407 607	1 505 074	1 443 841	1 873 414
Alumina hydrate	tonnes	12 882	29 860	21 238	2 556	4 563
Unwrought alloys	tonnes	5 078	5 839	5 476	5 993	5 879
Scrap	tonnes	9 871	9 750	8 821	10 883	14 765
Chromium						
Metal	tonnes	8	9	7	43	35
Coal						
Anthracite	tonnes	4	-----	-----	42 771	32 942
Briquettes	tonnes	23 716	7 572	19 073	24 264	23 638
Cobalt						
Oxides	tonnes	173	104	136	110	68
Copper						
Scrap	tonnes	9 202	11 043	9 715	9 227	11 790
Diamond						
Industrial	carats	11 775 000	59 785 000	23 745 000	52 530 000	24 430 000
Gold						
Metal	kilograms	£3 000	£4 000	-----	£7 000	£5 000
Waste & scrap	kilograms	£2 000	£196 000	£984 000	£951 000	£2 900 000
Gypsum						
Crude	tonnes	546	528	510	566	896
Calcined	tonnes	25 620	38 925	30 307	30 676	35 199
Iodine	kilograms	...	2 000	13 613	80	27 742
Iron, steel and ferro-alloys						
Scrap	tonnes	19 036	35 084	25 356	19 956	61 401
Lead						
Ores & concentrates	tonnes	73 440	50 561	36 158	33 400	48 056
Scrap	tonnes	1 404	123	61	971	113
Magnesite and magnesia	tonnes	584	3 696	554	707	1 177
Nickel						
Scrap	tonnes	515	512	662	935	833
Platinum metals						
Platinum & platinum metals	kilograms	271	1 643	2 719	303	234
Waste & scrap	kilograms	...	688	2 828	4 572	3 559
Rare earths						
Rare earth compounds	tonnes	129	21	92	443	87
Ferro-cerium & other pyrophoric alloys	tonnes	...	...	...	61	100
Tin						
Scrap	tonnes	19	45	154	78	207
Tungsten						
Metal	tonnes	17	33	59	83	194
Zinc						
Ores & concentrates	tonnes	282 567	347 300	315 099	338 609	331 533
Scrap	tonnes	568	921	456	699	632



## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	2 882 167	2 881 584	3 299 255	3 248 871	3 232 037
Alumina	tonnes	3 855	7 753	10 500	5 490	9 493
Unwrought (a)	tonnes	7 270	11 028	10 316	10 182	12 219
Scrap	tonnes	2 200	5 100	2 058	2 040	2 301
Arsenic						
Metallic arsenic	tonnes	...	20	19	20	218
Asbestos	tonnes	4 638	2 468	891	8	1 007
Barytes	tonnes	574	676	114	230	192
Bentonite and fuller's earth						
Bentonite	tonnes	931	2 195	2 125	775	1 271
Bismuth						
Metal	tonnes	27	60	42	42	54
Bromine	kilograms	----	33 992	51 000	17 877	22 158
Chromium						
Metal	tonnes	67	9	42	75	46
Coal						
Anthracite	tonnes	111 763	109 108	120 081	156 350	102 388
Other coal	tonnes	2 486 235	3 053 424	2 728 413	1 621 849	1 666 083
Briquettes	tonnes	33 907	40 867	43 912	45 771	42 306
Cobalt						
Metal	tonnes	149	191	265	151	207
Oxides	tonnes	12	35	21	70	101
Copper						
Scrap	tonnes	300	1 080	646	353	1 354
Diamond						
Unsorted	carats	690 000	4 940 000	855 000	8 300 000	34 310 000
Gem, rough	carats	1 170 000	535 000	250 000	2 170 000	1 910 000
Gem, cut	carats	7 655 000	8 705 000	5 220 000	17 350 000	20 375 000
Industrial	carats	53 580 000	61 785 000	3 045 000	5 980 000	8 565 000
Diatomite	tonnes	445	483	667	385	211
Feldspar	tonnes	(b) 1 577	121	130	103	50
Fluorspar	tonnes	185	200	158	33	45
Gold						
Metal	kilograms	£8 558 000	£7 360 000	£7 921 000	£7 250 000	£9 094 000
Waste & scrap	kilograms	...	...	311	46 090	12 435
Graphite	tonnes	215	705	221	430	342
Gypsum						
Crude	tonnes	1 307	6 892	6 814	7 266	8 639
Calcined	tonnes	3 793	3 886	1 678	571	561
Iodine	kilograms	...	...	90 707	7 136	17 582
Iron, steel and ferro-alloys						
Pig iron	tonnes	320	2 964	3 804	3 074	5 475
Ferro-alloys	tonnes	2 256	1 117	2 325	2 821	626
Silicon metal	tonnes	...	...	434	1 160	1 366
Ingots, blooms, billets	tonnes	3 315	1 775	1 558	1 331	1 222
Scrap	tonnes	51 870	5 000	12 661	94 958	88 914
Kaolin	tonnes	13 978	11 774	11 627	12 980	12 539
Lead						
Unwrought	tonnes	25 502	21 325	27 329	20 761	21 083
Scrap	tonnes	9 977	6 684	5 066	7 889	5 974
Magnesite and magnesia						
Magnesite	tonnes	337	232	252	3 531	296
Magnesia	tonnes	47 152	42 419	45 694	44 757	56 551
Manganese						
Ore (c)	tonnes	39 259	47 339	37 408	39 799	54 840
Metal	tonnes	25	16	64	55	59
Mercury	kilograms	1 600	122	429	103 960	1 298
Mica	tonnes	6 808	864	557	582	657
Nickel						
Unwrought (a)	tonnes	1 141	1 129	1 487	1 170	1 154
Crude petroleum	tonnes	2 076 881	2 887 604	3 136 654	1 775 747	2 128 504
Phosphates	tonnes	12 191	7 214	11 115	1 828	2 227
Platinum metals						
Platinum & platinum metals	kilograms	27 729	83 046	46 402	3 192	...
Potash						
Chloride	tonnes	311 191	184 488	186 347	105 305	76 443
Other potassic fertilisers	tonnes	1 911	3 506	3 406	1 336	1 485

## Irish Republic

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Rare earths						
Metals	tonnes	...	...	2	61	66
Salt	tonnes	96 700	100 635	90 066	110 287	82 940
Sillimanite	tonnes	6 622	1 800	3 809	3 820	8 829
Silver						
Metal	kilograms	5 903	37 893	15 907	3 307	3 053
Talc	tonnes	1 354	986	1 083	1 210	1 783
Tantalum and niobium						
Tantalum	tonnes	3	10	23	22	23
Tin						
Unwrought (a)	tonnes	343	363	288	869	435
Titanium						
Oxides	tonnes	2 094	3 740	3 411	3 947	4 101
Tungsten						
Metal	tonnes	314	586	335	235	79
Zinc						
Unwrought (a)	tonnes	2 845	3 587	3 788	2 512	3 232

## Note(s):-

- (a) Including alloys
- (b) May include some leucite, nepheline and nepheline syenite
- (c) Including manganiferous iron ore

# Italy

## Production

Commodity	Units	1996	1997	1998	1999	2000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	575 800	597 000	608 000	636 000	668 000
Primary aluminium	tonnes	184 400	187 700	187 000	187 200	189 800
Barytes	tonnes	42 795	26 694	31 792	*25 000	*25 000
Bentonite and fuller's earth						
Bentonite	tonnes	471 535	511 760	580 209	...	...
Fuller's earth	tonnes	26 455	22 025	29 470	...	...
Bromine	kilograms	*300 000	*300 000	*300 000	*300 000	*300 000
Cadmium	tonnes	296	287	470	359	287
Coal						
Bituminous	tonnes	41 000	...	...	...	...
Lignite	tonnes	223 400	203 061	83 700	80 000	...
Copper, refined	tonnes	85 800	85 700	29 100	28 500	72 800
Diatomite	tonnes	*25 000	*25 000	*25 000	*25 000	*25 000
Feldspar	tonnes	2 287 086	2 118 117	2 503 541	*2 500 000	...
Fluorspar	tonnes	126 671	105 794	104 187	*110 000	*65 000
Gold, mine	kilograms (metal content)	...	331	1 117	894	820
Gypsum	tonnes	1 274 672	1 215 767	1 237 522	*1 200 000	*1 200 000
Pig iron	tonnes	10 320 000	11 304 000	10 770 000	10 604 000	11 200 000
Crude steel	tonnes	23 911 000	25 841 000	25 678 000	24 738 000	26 436 000
Ferro-alloys						
Ferro-chrome	tonnes	29 915	11 295	11 487	----	----
Ferro-manganese	tonnes	42 727	40 000	49 000	19 000	*40 000
Ferro-silico-manganese	tonnes	100 353	*100 000	70 000	67 000	*90 000
Ferro-silicon	tonnes	11 741	...	19 909	...	...
Silicon metal	tonnes	14 433	12 619	8 094	6 257	9 590
Kaolin	tonnes	126 000	180 570	247 970	...	...
Lead, mine	tonnes (metal content)	13 900	11 800	6 800	----	----
Lead, refined	tonnes	209 800	211 600	199 300	215 300	230 500
Manganese ore	tonnes	6 523	2 128	974	...	...
Perlite	tonnes	*60 000	*60 000	*60 000	*60 000	*60 000
Crude petroleum	tonnes	5 368 971	5 892 055	5 560 072	4 993 000	4 600 000
Natural gas	million m <sup>3</sup>	20 048	19 123	18 981	17 624	16 299
Salt						
Rock salt & brine salt	tonnes	3 528 120	3 594 549	3 413 522	...	...
Sea salt	tonnes	*1 000 000	...	...	...	...
Silver, mine	kilograms (metal content)	9 100	4 400	2 500	100	100
Sulphur and pyrites						
Recovered (a)	tonnes (sulphur content)	335 000	380 000	425 000	485 000	490 000
Talc	tonnes	132 647	140 816	133 557	*140 000	*140 000
Zinc, mine	tonnes (metal content)	11 000	8 500	2 500	----	----
Zinc, slab	tonnes	268 700	268 300	231 600	145 300	170 300

Note(s):-

(a) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	17 528	2 623	4 312	107 978	255 878
Alumina	tonnes	404 148	471 281	487 700	538 556	601 032
Alumina hydrate	tonnes	6 650	5 868	12 493	21 793	33 622
Unwrought	tonnes	5 267	5 077	11 751	9 293	2 894
Unwrought alloys	tonnes	34 095	32 181	23 952	20 324	30 940
Scrap	tonnes	11 800	18 640	12 469	11 224	21 689
Antimony						
Metal	tonnes	10	9	3	36	13
Arsenic						
Metallic arsenic	tonnes	...	0	14	5	15
Asbestos	tonnes	51	42	7	...	----
Barytes	tonnes	1 082	427	1 876	432	306
Bentonite and fuller's earth						
Bentonite	tonnes	172 627	182 225	200 241	182 417	209 236

## Italy

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Bromine	kilograms	...	4 532	1 000	6	...
Cadmium						
Metal	tonnes	221	301	212	363	5
Sulphide	tonnes	...	29	35	23	2
Chromium						
Ores & concentrates	tonnes	2 330	16 551	2 228	1 234	2 669
Metal	tonnes	51	25	260	416	594
Coal (a)	tonnes	7 947	3 709	7 650	23 011	32 153
Cobalt						
Metal	tonnes	76	71	75	45	566
Oxides	tonnes	30	56	77	155	188
Copper						
Matte & cement	tonnes	1 794	59	1 114	6 219	677
Unwrought	tonnes	9 676	5 215	3 438	4 888	12 084
Unwrought alloys	tonnes	9 275	13 125	14 436	18 192	21 555
Scrap	tonnes	46 468	57 488	50 519	54 144	66 030
Diamond						
Unsorted	carats	...	£61 000	£60 000	£369 000	£744 000
Gem, cut	carats	£5 251 000	£4 946 000	£5 600 000	£9 144 000	£12 151 000
Industrial	carats	£448 000	£427 000	£400 000	£483 000	£309 000
Diatomite	tonnes	1 106	1 260	1 129	1 804	1 531
Feldspar	tonnes	37 349	42 687	89 042	136 362	122 154
Fluorspar	tonnes	2 114	557	1 471	7 595	13 443
Gold						
Metal	kilograms	27 432	13 734	23 276	32 614	138 479
Waste & scrap	kilograms	...	...	568	357	8
Graphite	tonnes	210	129	234	91	373
Gypsum						
Crude	tonnes	63 190	60 425	73 382	59 426	51 791
Calcined	tonnes	26 609	23 548	49 598	107 833	113 041
Iodine	kilograms	...	45 884	17 201	4 335	4 694
Iron ore						
Burnt pyrites	tonnes	18 957	17 296	48 802	65 162	96 060
Iron, steel and ferro-alloys						
Pig iron	tonnes	8 353	34 762	31 739	20 514	26 986
Sponge & powder	tonnes	15 343	17 802	20 647	20 905	...
Ferro-chrome	tonnes	2 005	4 781	1 781	1 456	2 693
Ferro-silico-magnesium	tonnes	...	103	107	29	57
Ferro-manganese	tonnes	7 256	8 184	13 465	13 077	20 413
Ferro-silico-manganese	tonnes	2 881	10 789	5 361	3 832	6 876
Ferro-molybdenum	tonnes	...	324	303	137	186
Ferro-silicon	tonnes	7 956	1 930	2 427	3 336	2 248
Ferro-vanadium	tonnes	...	44	269	301	1 669
Other ferro-alloys	tonnes	742	1 078	536	340	340
Silicon metal	tonnes	2 850	5 225	2 918	2 046	1 197
Ingots, blooms, billets	tonnes	656 997	231 924	184 330	306 045	841 283
Scrap	tonnes	20 012	35 682	36 590	105 191	166 125
Kaolin	tonnes	30 811	42 537	56 878	60 852	56 689
Lead						
Ore	tonnes	11 856	9 000	4 850	5 000	...
Unwrought	tonnes	15 894	58 334	21 132	26 381	24 103
Scrap	tonnes	2 268	191	1 423	4 589	5 595
Lithium						
Carbonate	tonnes	...	41	88	51	124
Magnesite and magnesia						
Magnesite	tonnes	4 836	12 653	7 393	4 505	3 016
Magnesia	tonnes	71 531	37 841	54 927	38 418	68 596
Manganese						
Metal	tonnes	506	166	103	623	84
Mercury	kilograms	58 000	43 773	12 011	1 164	28 325
Mica	tonnes	158	316	374	451	352
Molybdenum						
Metal	tonnes	32	65	197	94	34
Nickel						
Unwrought (b)	tonnes	4 650	2 217	2 985	1 443	2 472
Scrap	tonnes	617	395	1 162	805	1 354
Crude petroleum	tonnes	317 706	321 595	208 758	265 456	167 922
Phosphates	tonnes	1 644	30 205	2 391	1 411	820

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Platinum metals						
Platinum	kilograms	...	1 113	739	3 604	3 443
Platinum metals	kilograms	...	2 522	3 107	3 863	6 159
Waste & scrap	kilograms	...	237	671	932	2 167
Potash						
Potassic fertilisers	tonnes	934	9 382	38 095	2 060	1 965
Rare earths						
Metals	tonnes	...	12	31	5	11
Salt	tonnes	292 480	186 050	265 377	307 128	168 498
Sillimanite	tonnes	...	352	487	147	100
Silver						
Metal	kilograms	...	453 461	569 198	447 420	478 031
Sulphur and pyrites						
Pyrites	tonnes	8 361	8 667	9 237	6 616	22 810
Sulphur	tonnes	64 883	74 497	50 376	69 344	107 740
Sulphur, sublimed & precipitated	tonnes	309	230	278	136	176
Talc	tonnes	68 246	78 612	80 228	87 787	98 344
Tantalum and niobium						
Tantalum	tonnes	12	21	1	2	14
Tin						
Unwrought (b)	tonnes	2 595	152	543	200	248
Scrap	tonnes	164	185	243	140	195
Titanium						
Metal	tonnes	4 534	3 559	4 595	4 090	4 676
Oxides	tonnes	25 780	37 264	39 792	34 989	26 858
Tungsten						
Metal	tonnes	190	373	446	196	171
Vanadium						
Vanadiferous residues	tonnes	...	55	1 735	1 748	3 502
Zinc						
Ore	tonnes	2 474	18 326	24 546	24 972	30 670
Unwrought	tonnes	40 392	15 616	8 731	5 633	5 731
Unwrought alloys	tonnes	13 329	15 425	10 739	5 883	6 328
Scrap	tonnes	8 773	9 138	6 915	10 211	10 845
Zirconium						
Concentrates	tonnes	19 435	20 567	20 831	22 988	22 582
Metal	tonnes	1 426	368	330	386	721

Note(s):-

(a) Including anthracite

(b) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	2 079 363	1 949 915	2 132 204	2 324 818	2 226 746
Alumina	tonnes	190 608	195 571	200 800	209 097	213 732
Alumina hydrate	tonnes	119 762	124 986	106 053	101 023	115 215
Unwrought	tonnes	236 144	266 744	270 690	297 565	321 717
Unwrought alloys	tonnes	248 755	308 337	337 340	355 201	383 057
Scrap	tonnes	266 187	352 300	360 129	358 044	368 341
Antimony						
Ore	tonnes	...	417	453	272	611
Metal	tonnes	686	626	956	1 882	1 429
Oxide	tonnes	...	4 078	4 543	4 374	4 391
Arsenic						
Metallic arsenic	tonnes	...	76	102	77	75
Asbestos	tonnes	127	----	192	305	87
Barytes	tonnes	67 046	74 827	70 887	66 177	70 143
Bentonite and fuller's earth						
Bentonite	tonnes	57 941	67 677	79 538	77 957	104 562
Fuller's earth	tonnes	...	11 396	12 575	13 346	12 139
Bismuth						
Metal	tonnes	96	165	150	145	190
Bromine	kilograms	...	239 468	241 000	212 828	...

## Italy

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Cadmium						
Metal	tonnes	51	43	20	37	35
Oxide	tonnes	...	...	479	168	94
Sulphide	tonnes	...	1	8	2	2
Chromium						
Ores & concentrates	tonnes	123 272	105 047	83 863	41 184	60 566
Metal	tonnes	419	626	617	711	467
Coal						
Anthracite	tonnes	391 852	658 500	197 665	214 079	231 539
Other coal	tonnes	16 331 639	15 249 673	15 474 813	17 155 041	18 768 117
Cobalt						
Metal	tonnes	682	691	595	564	539
Oxides	tonnes	669	735	914	874	1 089
Copper						
Unwrought, unrefined	tonnes	25 113	5 579	4 749	1 900	2 763
Unwrought, refined	tonnes	437 613	450 196	564 851	625 183	603 259
Unwrought alloys	tonnes	27 100	20 829	22 320	19 961	20 460
Scrap	tonnes	228 079	259 546	254 408	195 367	179 050
Diamond						
Unsorted	carats	£320 000	£486 000	£270 000	£1 334 000	£1 612 000
Gem, rough	carats	£320 000	£476 000	£500 000	£341 000	£631 000
Gem, cut	carats	£163 796 000	£17 391 000	£12 330 000	£215 392 000	£236 883 000
Industrial	carats	£3 266 000	£3 001 000	£4 600 000	£5 041 000	£7 469 000
Diatomite	tonnes	7 244	7 186	9 722	6 847	7 865
Feldspar	tonnes	602 980	714 234	1 023 919	1 433 174	1 566 525
Fluorspar	tonnes	95 823	111 666	106 304	184 145	209 326
Gold						
Metal	kilograms	331 746	407 273	440 713	405 952	415 753
Waste & scrap	kilograms	1 027	408	424	368	9 571
Graphite	tonnes	10 029	9 606	11 407	9 462	12 241
Gypsum						
Crude	tonnes	5 636	546	715	3 765	2 304
Calcined	tonnes	18 992	19 402	18 731	20 436	25 943
Iodine	kilograms	...	944 562	841 025	834 259	749 474
Iron ore (a)	tonnes	16 047 940	16 663 374	15 717 985	15 614 537	17 619 370
Iron, steel and ferro-alloys						
Pig iron	tonnes	1 351 649	1 310 196	1 711 795	1 249 505	1 103 642
Sponge & powder	tonnes	18 581	48 362	161 618	107 120	202 669
Ferro-chrome	tonnes	184 552	230 009	259 357	299 033	294 176
Ferro-silico-chrome	tonnes	293	532	172	393	347
Ferro-silico-magnesium	tonnes	(b) ...	5 537	5 855	8 375	6 628
Ferro-manganese	tonnes	55 184	68 961	68 274	77 851	72 812
Ferro-silico-manganese	tonnes	70 452	71 842	81 050	90 136	83 192
Ferro-molybdenum	tonnes	(b) ...	4 397	5 735	4 869	4 886
Ferro-nickel	tonnes	37 603	39 560	40 062	26 998	23 913
Ferro-niobium	tonnes	(b) ...	1 407	1 395	1 140	1 285
Ferro-phosphorus	tonnes	(b) ...	1 219	1 492	1 278	1 653
Ferro-silicon	tonnes	100 594	112 822	112 673	129 115	118 396
Ferro-titanium & Fe-Si-Ti	tonnes	(b) ...	3 651	3 296	3 410	3 735
Ferro-tungsten & Fe-Si-W	tonnes	(b) ...	168	146	114	180
Ferro-vanadium	tonnes	(b) ...	1 493	1 296	1 566	1 380
Other ferro-alloys	tonnes	23 803	8 819	16 523	7 189	8 562
Silicon metal	tonnes	19 889	32 053	33 896	31 667	44 411
Ingots, blooms, billets	tonnes	1 155 267	1 649 167	2 111 264	2 684 986	2 070 840
Scrap	tonnes	4 935 364	4 303 774	5 112 063	4 255 639	4 056 830
Kaolin	tonnes	868 006	834 122	930 913	989 397	1 108 281
Lead						
Ore	tonnes	104 483	92 300	97 969	182 670	158 478
Unwrought	tonnes	104 126	105 457	82 108	98 155	88 093
Scrap	tonnes	8 449	7 369	2 843	2 157	1 965
Lithium						
Oxides	tonnes	...	167	278	274	165
Carbonate	tonnes	...	1 720	1 937	1 057	1 662
Magnesite and magnesia						
Magnesite	tonnes	27 136	21 130	31 542	30 695	29 864
Magnesia	tonnes	103 752	121 772	111 329	98 192	106 661
Manganese						
Ore (c)	tonnes	201 200	166 266	283 914	135 299	253 215
Metal	tonnes	3 445	2 665	2 791	2 708	3 466

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Mercury	kilograms	19 000	29 194	11 268	17 341	48 484
Mica						
Unmanufactured	tonnes	...	290	230	326	121
Ground	tonnes	2 201	2 259	2 220	4 442	2 741
Molybdenum						
Ores & concentrates	tonnes	2 864	3 725	4 629	3 575	3 140
Metal	tonnes	300	164	173	159	241
Oxides	tonnes	...	248	94	90	92
Nickel						
Mattes, sinters etc.	tonnes	3 022	2	171	14	77
Unwrought	tonnes	30 370	41 065	46 414	45 687	46 241
Unwrought alloys	tonnes	1 718	940	1 112	1 036	1 640
Scrap	tonnes	70	1 415	1 808	1 964	5 970
Crude petroleum	tonnes	74 542 000	78 030 889	85 432 822	79 784 467	83 272 202
Phosphates	tonnes	231 734	142 211	167 485	197 727	198 434
Platinum metals						
Platinum	kilograms	...	5 772	7 158	7 594	10 925
Platinum metals	kilograms	...	26 070	32 112	31 738	34 483
Waste & scrap	kilograms	530	980	792	938	255
Potash						
Sulphate	tonnes	98 508	79 936	94 700	95 951	90 920
Chloride	tonnes	405 292	524 284	508 389	420 286	448 256
Other potassic fertilisers	tonnes	16 080	23 545	19 055	21 943	19 572
Rare earths						
Rare earth compounds	tonnes	...	505	518	...	755
Metals	tonnes	...	19	8	23	27
Salt	tonnes	648 456	673 571	656 656	581 887	565 098
Sillimanite	tonnes	...	50 912	70 741	77 567	28 898
Silver						
Metal	kilograms	...	1 245 426	1 171 220	1 453 167	2 226 980
Sulphur and pyrites						
Pyrites	tonnes	12 003	13 960	18 791	5 022	13 177
Sulphur, crude	tonnes	189 108	173 701	194 008	56 043	123 667
Sulphur, refined	tonnes	2 120	4 305	4 524	9 565	5 887
Sulphur, sublimed & precipitated	tonnes	915	217	2 316	355	770
Talc	tonnes	85 744	92 190	94 832	101 338	99 879
Tin						
Unwrought	tonnes	6 317	5 206	6 335	5 726	6 068
Unwrought alloys	tonnes	258	590	437	313	185
Scrap	tonnes	120	5	73	9	0
Titanium						
Titanium minerals	tonnes	4 689	1 654	5 145	3 973	85 910
Titanium slag	tonnes	...	67 407	...	69 236	16 764
Metal	tonnes	5 845	5 031	6 254	5 794	5 904
Oxides	tonnes	116 220	138 209	141 229	141 100	163 705
Tungsten						
Metal	tonnes	135	173	278	363	292
Carbide	tonnes	...	430	...	313	360
Vanadium						
Pentoxide	tonnes	...	373	447	166	74
Zinc						
Ore	tonnes	518 843	517 834	495 111	252 306	316 968
Unwrought	tonnes	101 735	98 129	148 873	198 080	212 920
Unwrought alloys	tonnes	27 639	33 696	40 263	53 550	38 457
Scrap	tonnes	21 825	21 981	17 571	19 236	23 204
Zirconium						
Concentrates	tonnes	115 945	121 271	144 636	141 560	151 500
Metal	tonnes	229	94	377	141	1 159

Note(s):-

- (a) Including burnt pyrites  
(b) Included with 'other ferro-alloys'  
(c) Including manganiferous iron ore

## Latvia

### Production

Commodity	Units	1996	1997	1998	1999	2000
Gypsum	tonnes	63 888	116 916	119 096	*100 000	*100 000
Crude steel	tonnes	293 166	464 529	470 835	*471 000	500 292

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought	tonnes	1 094	1 891	6 958	16 337	23 419
Scrap	tonnes	4 636	6 671	7 318	6 340	6 115
Copper						
Scrap	tonnes	(a) *22 600	(a) *17 200	8 838	8 200	9 196
Gold						
Waste & scrap	kilograms	1 597	504	172	55	133
Gypsum	tonnes	40 052	103 751	79 505	59 416	37 150
Iron, steel and ferro-alloys						
Pig iron (a) (b)	tonnes	138 200	*154 500	*203 300	...	*51 100
Ferro-chrome (a) (b)	tonnes	*13 100	*25 800	*30 100	*50 000	*2 800
Other ferro-alloys (a) (b)	tonnes	*4 700	*2 500	*8 900	...	*500
Ingots, blooms, billets (a) (b)	tonnes	*12 800	*19 800	*26 200	...	...
Scrap	tonnes	56 513	157 731	94 051	55 152	96 674
Nickel						
Scrap	tonnes	1 222	1 828	2 651	2 412	4 303
Crude petroleum (a) (b)	tonnes	*2 582 000	*2 560 000	*2 165 000	...	...
Platinum metals						
Waste & scrap	kilograms	470	270	----	582	550
Potash						
Chloride (a) (b)	tonnes	*144 000	*149 000	*125 000	...	...
Silver						
Metal	kilograms	495	----	----	----	----
Zinc						
Unwrought (a)	tonnes	*200	*2 000	*1 000	...	*200

Note(s):-

(a) BGS estimates, based on known imports into certain countries

(b) Re-exports

### Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Scrap	tonnes	...	...	3 888	8 812	10 380
Asbestos	tonnes	1 212	1 828	1 385	1 042	857
Coal	tonnes	207 251	143 194	123 669	123 618	79 833
Gypsum						
Crude & calcined	tonnes	...	...	7 540	2 991	2 852
Iron, steel and ferro-alloys						
Ferro-alloys	tonnes	...	...	9 042	11 030	14 474
Silicon metal	tonnes	...	...	471	1 309	1 793
Ingots, blooms, billets	tonnes	11 000	1 000	44 455	41 995	64 766
Scrap	tonnes	65 650	280 169	216 098	174 691	214 024
Kaolin	tonnes	3 000	1 300	2 303	3 630	2 608
Magnesite and magnesite	tonnes	...	...	4 573	3 014	3 322
Potash						
Potassic fertilisers	tonnes	24 658	11 698	12 697	13 055	18 747
Salt	tonnes	76 002	81 501	91 179	108 065	88 877
Titanium						
Oxides	tonnes	...	...	1 128	766	873



# Lithuania

## Production

Commodity	Units	1996	1997	1998	1999	2000
Crude petroleum	tonnes	180 000	160 000	160 000	...	...
Sulphur and pyrites						
Recovered (a)	tonnes (sulphur content)	...	...	...	25 000	28 000

Note(s):-

(a) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Scrap	tonnes	6 700	12 350	18 308	18 416	31 742
Asbestos	tonnes	4 656	7 113	2 982	3 967	643
Chromium						
Metal	tonnes	169	22	3	129	48
Copper						
Scrap	tonnes	18 177	12 301	9 741	8 360	12 134
Gold						
Waste & scrap	kilograms	...	...	1	4 738	9 148
Iodine	kilograms	...	2 000	2 000	----	2 000
Iron, steel and ferro-alloys						
Scrap	tonnes	449 516	467 659	414 586	270 282	396 627
Lead						
Scrap	tonnes	2 400	2 676	417	650	779
Nickel						
Scrap	tonnes	580	241	51	65	711
Crude petroleum	tonnes	122 963	201 316	264 790	227 079	311 983
Platinum metals						
Waste & scrap	kilograms	...	91	45	7 164	6 750
Potash						
Potassic fertilisers	tonnes	16 175	15 855	35 296	10 993	9 386
Salt	tonnes	2 500	3 620	4 928	2 061	1 496
Silver						
Metal	kilograms	£20 000	£1 000	£6 000	£1 000	£3 000
Sulphur and pyrites						
Sulphur	tonnes	8 800	11 348	8 985	2 158	354

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina hydrate	tonnes	6 800	7 833	8 456	14 231	9 718
Scrap	tonnes	5 500	5 677	5 833	4 819	6 583
Asbestos	tonnes	6 343	10 819	5 877	4 102	1 356
Bentonite and fuller's earth	tonnes	894	1 302	1 779	1 387	1 670
Chromium						
Metal	tonnes	158	----	----	110	58
Coal						
Hard coal (a)	tonnes	387 454	323 538	269 298	144 540	129 430
Lignite	tonnes	26 584	3 421	1 910	...	675
Copper						
Scrap	tonnes	15 300	6 409	2 499	527	1 764
Feldspar	tonnes	5 479	11 625	4 155	4 178	5 563
Gold						
Metal	kilograms	£12 000	£103 000	£187 000	£116 000	£20 000
Gypsum	tonnes	13 750	40 939	30 365	28 667	30 701
Iodine	kilograms	...	3 000	3 000	900	4 000
Iron ore	tonnes	4 367	1 951	5 541	2 868	5 150
Iron, steel and ferro-alloys						
Scrap	tonnes	49 217	82 817	63 050	5 921	8 286

## Lithuania

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Magnesite and magnesia						
Magnesite	tonnes	1 300	1 393	1 182	2 167	444
Crude petroleum	tonnes	3 672 207	5 033 453	6 339 260	4 527 321	4 690 243
Phosphates	tonnes	468 682	539 771	666 384	852 808	836 797
Potash						
Fertiliser salts	tonnes	3 300	3 023	8 643	10 494	12 989
Chloride	tonnes	67 343	71 555	67 304	76 275	77 322
Other potassic fertilisers	tonnes	...	10 445	3 256	4 516	8 460
Salt	tonnes	139 579	167 029	168 245	176 715	142 384
Silver						
Metal	kilograms	£88 000	£130 000	£128 000	£109 000	£129 000
Sulphur and pyrites						
Sulphur	tonnes	143 933	132 900	178 045	227 009	263 058
Zinc						
Unwrought	tonnes	698	1 889	301	304	328

Note(s):-

(a) Including anthracite

## Macedonia

### Production

Commodity	Units	1996	1997	1998	1999	2000
Bentonite and fuller's earth						
Bentonite	tonnes	*30 000	*30 000	*30 000	*30 000	*30 000
Cadmium	tonnes	12	*10	*10	*10	*10
Chromium ores and concentrates	tonnes	*5 000	*5 000	----	----	----
Coal						
Lignite	tonnes	7 145 000	6 700 000	8 180 000	7 400 000	7 100 000
Copper, mine	tonnes (metal content)	*13 500	*13 000	9 100	10 200	*10 000
Diatomite	tonnes	*5 000	*5 000	*5 000	*5 000	*5 000
Feldspar	tonnes	*3 000	*8 000	8 137	11 275	*10 000
Gypsum	tonnes	39 000	25 000	*30 000	*30 000	*30 000
Iron ore	tonnes	*15 000	*15 000	*15 000	*15 000	*15 000
Ferro-alloys						
Ferro-alloys	tonnes	69 000	...	106 661	78 009	...
Silicon metal	tonnes	*1 000	*1 000	*500	----	----
Lead, mine	tonnes (metal content)	26 900	28 000	30 000	27 000	26 000
Lead, refined	tonnes	23 600	26 046	28 415	19 738	22 900
Nickel, mine	tonnes (metal content)	*3 000	5 300	5 800	100	----
Nickel, smelter/refinery	tonnes	*3 000	5 300	5 800	100	...
Silver, mine	kilograms (metal content)	*10 000	*10 000	*10 000	*10 000	*10 000
Sulphur and pyrites						
Recovered (a)	tonnes (sulphur content)	20 000	20 000	20 000	29 000	26 000
Talc	tonnes	*10 000	*10 000	*10 000	*10 000	*10 000
Zinc, mine	tonnes (metal content)	22 000	21 000	24 000	21 000	20 000
Zinc, slab	tonnes	59 200	53 147	57 162	49 608	62 800

Note(s):-

(a) From metal sulphide processing

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a)	tonnes	(b) *9 900	(b) *1 600	579	(b) *500	(b) *100
Bentonite and fuller's earth						
Bentonite	tonnes	5 025	8 287	10 546	...	...
Cadmium						
Metal	tonnes	42	36	134	(b) *20	(b) *600
Copper						
Ore	tonnes	54 115	19 754	38 170	...	(b) *5 000
Unwrought	tonnes	1 271	4 937	(b) *1 200	(b) *1 800	(b) *1 100
Feldspar	tonnes	5 568	5 496	8 587	...	...
Gypsum						
Crude & calcined	tonnes	4 360	7 233	7 771	...	...
Iron, steel and ferro-alloys						
Ferro-silicon	tonnes	45 324	57 543	67 472	(b) *51 500	(b) *35 100
Other ferro-alloys	tonnes	48 298	35 227	52 849	(b) *19 300	(b) *8 500
Silicon metal	tonnes	2 896	4 604	1 096	...	...
Scrap	tonnes	248	2 372	3 225	*3 000	...
Lead						
Ore	tonnes	13 679	17 485	17 642	*18 000	...
Unwrought	tonnes	17 861	18 478	20 837	*19 000	...
Platinum metals						
Waste & scrap	kilograms	33	15	9 085	...	...
Silver						
Metal (b)	kilograms	*10 100	*11 000	*9 300	*6 200	...
Talc	tonnes	712	844	612	...	...
Zinc						
Ore	tonnes	3 568	11 091	2 099	...	...
Unwrought (a)	tonnes	55 592	53 655	53 067	(b) *47 600	(b) *79 100

Note(s):-

(a) Including alloys

(b) BGS estimates, based on known imports into certain countries

**Imports**

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought	tonnes	3 949	3 330	7 232	*8 000	...
Asbestos	tonnes	2 999	1 998	2 000	*2 000	...
Chromium						
Ores & concentrates	tonnes	10 384	1 000	839	*800	...
Coal						
Hard coal	tonnes	90 564	82 533	82 500	...	...
Brown coal	tonnes	90 510	119 116	98 682	...	...
Briquettes	tonnes	92 997	85 038	97 256	...	...
Copper						
Unwrought	tonnes	2 376	2 557	156	*100	...
Gold						
Metal	kilograms	648	545	323	...	...
Iron, steel and ferro-alloys						
Ferro-alloys	tonnes	14 731	585	154	...	...
Ingots, blooms, billets	tonnes	65 730	61 804	11 317	...	...
Scrap	tonnes	4 081	889	11 611	...	...
Kaolin	tonnes	5 383	8 965	9 895	...	...
Lead						
Unwrought	tonnes	329	3 363	1 024	*1 000	...
Manganese						
Ore	tonnes	16 000	40 453	12 625	...	...
Crude petroleum	tonnes	656 235	378 118	787 653	(a) *1 216 000	...
Phosphates	tonnes	47 452	57 983	84 735	44 100	8 100
Potash						
Potassic fertilisers	tonnes	8 845	9 442	12 307	*12 000	...
Salt	tonnes	42 077	29 153	26 523	*23 000	...
Zinc						
Unwrought	tonnes	92 110	74 053	487	*500	...

Note(s):-

(a) BGS estimates, based on known exports from certain countries

## Malta

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Iron, steel and ferro-alloys Scrap	tonnes	10 780	14 000	41 000	13 930	...

### Imports

Commodity	Units	1996	1997	1998	1999	2000
Diamond						
Gem, rough	carats	£118 000	£56 000	£88 000	£33 000	...
Industrial	carats	£15 000	£13 000	£1 000	£2 000	...
Gold						
Metal	kilograms	£19 900 000	£14 700 000	£12 600 000	£1 868 000	...
Salt	tonnes	1 810	1 682	3 132	1 919	...
Silver						
Metal	kilograms	2 242	...	...	480	...

## Moldova

### Production

Commodity	Units	1996	1997	1998	1999	2000
Gypsum	tonnes	12 700	14 400	19 100	18 500	31 400
Crude steel	tonnes	646 000	811 000	718 000	796 300	905 000

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Scrap	tonnes	1 143	2 017	4 577	19 242	...
Copper						
Scrap	tonnes	2 575	1 820	2 382	4 937	...
Gypsum						
Crude & calcined	tonnes	...	...	78 802	130 403	...
Iron, steel and ferro-alloys						
Scrap	tonnes	2 987	1 372	5 811	3 946	...

### Imports

Commodity	Units	1996	1997	1998	1999	2000
Asbestos	tonnes	1 537	3 189	357	300	5
Coal						
Anthracite	tonnes	509 838	135 703	93 354	70 495	83 315
Other coal	tonnes	559 974	236 489	410 031	115 902	54 879
Copper						
Scrap	tonnes	1 318	1 298	1 605	500	...
Kaolin	tonnes	...	...	4 924	3 066	6 400
Salt	tonnes	48 849	52 164	39 151	44 054	38 941
Sulphur and pyrites						
Sulphur, sublimed & precipitated	tonnes	...	...	533	412	300

# Netherlands

## Production

Commodity	Units	1996	1997	1998	1999	2000
Primary aluminium	tonnes	227 000	231 800	264 700	287 400	301 700
Cadmium	tonnes	603	718	739	731	655
Pig iron	tonnes	5 543 900	5 805 000	5 562 000	5 307 000	5 000 000
Crude steel	tonnes	6 326 000	6 641 000	6 377 000	6 075 000	5 500 000
Lead, refined	tonnes	22 000	19 500	17 200	*18 000	21 000
Magnesite (a)	tonnes	185 000	198 000	216 000	220 000	233 000
Crude petroleum	tonnes	2 221 028	2 068 906	1 714 000	1 594 000	1 452 000
Natural gas	million m <sup>3</sup>	90 630	80 282	76 331	71 702	69 180
Salt	tonnes	5 348 000	5 601 000	5 573 000	5 400 000	5 564 000
Sulphur and pyrites						
Recovered (b)	tonnes (sulphur content)	119 000	127 000	131 000	129 000	84 000
Recovered (c)	tonnes (sulphur content)	380 000	450 000	432 000	445 000	428 000
Zinc, slab	tonnes	207 100	203 200	217 100	221 400	216 768

Note(s):-

(a) Chloride produced from solution mining

(b) From metal sulphide processing

(c) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	38 979	30 675	50 656	50 869	35 211
Alumina	tonnes	116 849	214 325	241 320	172 798	287 473
Alumina hydrate	tonnes	45 365	20 135	51 157	55 960	47 315
Unwrought	tonnes	221 196	204 479	209 059	192 342	177 895
Unwrought alloys	tonnes	262 576	250 015	259 682	288 157	275 788
Scrap	tonnes	240 552	191 254	166 635	184 500	168 405
Antimony						
Metal	tonnes	303	434	914	206	286
Oxide	tonnes	...	962	1 027	792	649
Arsenic						
Metallic arsenic	tonnes	...	26	41	31	46
Barytes	tonnes	59 982	34 350	54 463	54 129	49 611
Bentonite and fuller's earth						
Bentonite	tonnes	71 432	85 313	126 243	142 947	155 660
Fuller's earth	tonnes	...	6 205	17 696	10 421	9 860
Bismuth						
Metal	tonnes	170	48	300	29	73
Cadmium						
Metal	tonnes	711	858	1 108	1 206	791
Chromium						
Ores & concentrates	tonnes	37 520	47 461	65 029	51 965	50 515
Metal	tonnes	382	847	1 365	1 387	969
Coal						
Anthracite	tonnes	86 315	112 565	143 879	93 150	99 939
Other coal	tonnes	2 236 539	2 824 677	4 124 961	4 744 469	8 316 654
Briquettes	tonnes	23 590	32 210	20 760	9 463	3 612
Cobalt						
Metal	tonnes	3 614	1 354	989	1 363	2 451
Oxides	tonnes	137	85	148	198	527
Copper						
Matte & cement	tonnes	399	476	2 142	1 456	67
Unwrought	tonnes	12 938	11 173	9 757	9 261	6 702
Scrap	tonnes	104 176	106 125	74 457	87 502	132 013
Diamond						
Unsorted	carats	£2 231 000	£2 555 000	£2 191 000	£3 094 000	£2 016 000
Gem, rough	carats	£323 000	£6 000	£27 000	...	£14 000
Gem, cut	carats	£6 569 000	£6 361 000	£6 443 000	£7 536 000	£6 466 000
Industrial	carats	£2 053 000	£1 273 000	£1 777 000	£1 013 000	£2 951 000
Diatomite	tonnes	262	347	229	239	564
Feldspar	tonnes	23 276	2 990	3 680	821	810
Fluorspar	tonnes	806	2 404	187	5 377	2 825

## Netherlands

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Gold						
Metal	kilograms	15 286	13 182	7 759	8 066	3 592
Waste & scrap	kilograms	193 370	...	104 500	35 900	37 100
Graphite	tonnes	574	536	889	937	1 798
Gypsum						
Crude	tonnes	38 187	29 677	20 580	6 725	537
Calcined	tonnes	2 955	2 363	3 339	3 971	2 885
Iron ore						
Iron ore	tonnes	292 784	107 663	29 344	151 475	157 229
Burnt pyrites	tonnes	16 196	63 895	44 352	20 576	4
Iron, steel and ferro-alloys						
Pig iron	tonnes	19 260	11 658	51 881	86 489	62 714
Sponge & powder	tonnes	69	140	446	21 821	87 650
Ferro-chrome	tonnes	61 689	75 798	53 185	35 413	24 952
Ferro-silico-chrome	tonnes	1 460	566	2 379	134	25
Ferro-manganese	tonnes	5 716	11 512	4 729	1 259	28 383
Ferro-silico-manganese	tonnes	27 780	17 215	14 678	13 027	9 105
Ferro-molybdenum	tonnes	...	4 579	4 268	4 800	4 282
Ferro-nickel	tonnes	459	----	5 871	7 464	12 525
Ferro-niobium	tonnes	(a) ...	64	3 881	5 336	10 281
Ferro-silicon	tonnes	13 538	13 270	3 501	3 111	1 351
Ferro-titanium & Fe-Si-Ti	tonnes	...	1 695	214	...	...
Ferro-tungsten & Fe-Si-W	tonnes	...	238	170	140	215
Ferro-vanadium	tonnes	...	3 133	3 440	2 033	1 083
Other ferro-alloys	tonnes	8 141	6 949	749	3 018	2 162
Silicon metal	tonnes	4 963	4 984	5 892	8 093	2 098
Ingots, blooms, billets	tonnes	1 511 682	1 343 578	454 945	965 500	511 537
Scrap	tonnes	3 047 287	3 363 946	2 655 404	2 434 145	3 101 130
Kaolin	tonnes	102 372	85 534	138 731	185 784	233 688
Lead						
Unwrought	tonnes	11 021	10 770	1 966	2 919	3 532
Scrap	tonnes	14 621	21 557	21 856	20 227	24 706
Lithium						
Oxides	tonnes	...	493	299	220	380
Carbonate	tonnes	...	634	156	281	142
Magnesite and magnesia						
Magnesite	tonnes	10 980	10 413	476	636	562
Magnesia	tonnes	80 215	319 723	95 637	113 402	69 044
Manganese						
Ore	tonnes	19 065	14 660	14 075	12 125	13 617
Metal	tonnes	5 543	3 560	5 160	5 806	6 503
Mercury	kilograms	250 000	580 000	199 700	90 600	426 300
Mica	tonnes	807	1 527	1 362	1 913	4 589
Molybdenum						
Ores & concentrates	tonnes	4 347	5 662	6 106	4 869	7 303
Metal	tonnes	299	408	249	167	380
Oxides	tonnes	...	161	96	246	2 109
Nickel						
Mattes, sinters etc.	tonnes	(c) *10 600	6 530	27 745	(c) *6 400	(c) *7 700
Unwrought (b)	tonnes	5 287	37 258	23 450	26 234	27 901
Scrap	tonnes	3 051	2 810	2 017	1 204	2 042
Oxides	tonnes	1 120	1 437	1 384	1 126	1 817
Crude petroleum	tonnes	693 411	229 487	14 164	11 620	17 545
Phosphates	tonnes	128 266	99 188	174 733	71 146	120 824
Platinum metals						
Platinum	kilograms	(d) £23 941 000	£25 168 000	£20 204 000	£21 255 000	£25 074 000
Platinum metals	kilograms	...	£1 224 000	£1 692 000	£2 159 000	£2 069 000
Waste & scrap	kilograms	...	1 243	6 200	8 600	46 500
Potash						
Potassic fertilisers	tonnes	92 100	94 800	105 000	74 000	43 552
Rare earths						
Metals	tonnes	...	69	89	43	63
Salt	tonnes	3 340 723	3 059 922	2 039 700	2 910 915	2 863 204
Sillimanite	tonnes	...	2 669	6 787	12 293	7 318
Sulphur and pyrites						
Pyrites	tonnes	2 729	98 621	64 161	85 665	119 675
Sulphur, crude	tonnes	230 678	207 261	132 707	150 612	52 565
Sulphur, refined	tonnes	(e) ...	(e) ...	80 293	69 659	84 609
Sulphur, sublimed & precipitated	tonnes	137	38	181	50	46



## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Talc	tonnes	50 889	58 185	70 522	87 984	162 006
Tin						
Unwrought	tonnes	451	743	7 466	6 818	2 976
Unwrought alloys	tonnes	882	691	568	816	449
Scrap	tonnes	313	265	1 308	563	483
Titanium						
Titanium minerals	tonnes	7 992	8 693	2 209	3 669	1 806
Metal	tonnes	1 091	1 185	1 309	1 809	1 482
Oxides	tonnes	(c) *39 100	68 626	71 717	(c) *54 900	(c) *54 400
Tungsten						
Ore	tonnes	10	20	388	97	10
Metal	tonnes	414	432	417	237	182
Vanadium						
Vanadiferous residues	tonnes	...	...	...	687	291
Pentoxide	tonnes	...	217	258	214	222
Zinc						
Unwrought	tonnes	166 630	193 761	254 995	240 868	223 418
Unwrought alloys	tonnes	47 315	40 230	45 738	2 406	98
Scrap	tonnes	20 608	24 966	21 793	19 267	18 842
Zirconium						
Concentrates	tonnes	16 810	17 331	7 568	6 038	1 978

Note(s):-

(a) Included with 'other ferro-alloys'

(b) Including alloys

(c) BGS estimates, based on known imports into certain countries

(d) Platinum and platinum metals

(e) Included with crude

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	81 771	38 981	57 122	39 105	108 474
Alumina	tonnes	727 089	708 510	832 751	695 599	826 316
Alumina hydrate	tonnes	87 336	118 140	129 002	138 863	154 745
Unwrought	tonnes	347 845	444 457	430 688	447 344	492 419
Unwrought alloys	tonnes	116 454	92 056	92 214	136 768	124 172
Scrap	tonnes	187 604	225 060	224 627	215 563	239 333
Antimony						
Ore	tonnes	...	...	7	153	265
Metal	tonnes	818	724	1 748	1 414	762
Oxide	tonnes	...	2 510	2 675	2 539	3 061
Arsenic						
Metallic arsenic	tonnes	...	...	75	92	77
Barytes	tonnes	136 882	136 604	114 635	73 579	98 200
Bentonite and fuller's earth						
Bentonite	tonnes	185 906	177 283	244 576	309 914	276 017
Fuller's earth	tonnes	...	31 364	20 800	21 124	24 909
Bismuth						
Compounds	tonnes	...	393	597	292	393
Metal	tonnes	170	188	263	130	1 107
Cadmium						
Metal	tonnes	286	267	426	149	25
Chromium						
Ores & concentrates	tonnes	69 338	57 589	61 785	38 827	55 178
Metal	tonnes	1 039	1 318	2 230	2 170	1 488
Coal						
Anthracite	tonnes	299 485	156 257	952 934	1 187 521	1 890 491
Other coal	tonnes	17 528 000	18 998 000	20 352 039	17 140 488	18 794 685
Brown coal	tonnes	43 698	43 828	19 477	30 060	30 042
Briquettes	tonnes	12 419	42 113	45 423	17 205	12 541
Cobalt						
Metal	tonnes	577	456	679	1 394	781
Oxides	tonnes	244	452	337	228	624

## Netherlands

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
<b>Copper</b>						
Unwrought	tonnes	37 515	44 133	78 016	137 729	155 553
Unwrought alloys	tonnes	1 547	3 028	3 245	1 216	1 374
Scrap	tonnes	95 804	101 936	92 486	76 482	78 166
<b>Diamond</b>						
Unsorted	carats	£7 566 000	£7 904 000	£7 431 000	£7 936 000	£8 713 000
Gem, rough	carats	-----	£23 000	£156 000	£13 000	£184 000
Gem, cut	carats	£20 294 000	£17 370 000	£14 976 000	£19 964 000	£26 503 000
Industrial	carats	£471 000	£606 000	£385 000	£928 000	£236 000
Diatomite	tonnes	14 214	22 359	10 909	18 844	20 654
Feldspar	tonnes	50 098	14 118	12 732	9 469	9 213
Fluorspar	tonnes	10 965	12 561	4 883	7 055	50 999
<b>Gold</b>						
Metal	kilograms	16 990	18 895	15 542	14 549	6 574
Waste & scrap	kilograms	...	...	1 600	6 800	62 000
Graphite	tonnes	8 604	6 566	4 296	2 611	3 622
<b>Gypsum</b>						
Crude	tonnes	284 693	230 907	182 423	196 156	175 167
Calcined	tonnes	344 334	328 365	335 844	419 469	407 007
Iodine	kilograms	...	1 373 000	1 845 000	2 051 200	2 380 900
<b>Iron ore</b>						
Iron ore	tonnes	8 332 365	8 595 877	8 827 125	7 949 025	7 560 788
Burnt pyrites	tonnes	51 781	57 481	27 794	111 119	47 175
<b>Iron, steel and ferro-alloys</b>						
Pig iron	tonnes	156 013	176 940	196 800	79 328	127 682
Sponge & powder	tonnes	1 722	2 280	2 956	19 458	95 375
Ferro-chrome	tonnes	194 728	150 790	176 092	204 088	132 868
Ferro-silico-chrome	tonnes	148	5 408	2 731	1 751	3 545
Ferro-silico-magnesium	tonnes	(a) ...	(a) ...	1 891	1 020	502
Ferro-manganese	tonnes	23 416	39 020	55 750	32 599	59 362
Ferro-silico-manganese	tonnes	50 575	37 709	39 946	38 231	26 395
Ferro-molybdenum	tonnes	(a) ...	6 971	4 735	6 279	7 956
Ferro-nickel	tonnes	3 428	2 977	23 309	27 420	29 130
Ferro-niobium	tonnes	(a) ...	466	4 263	6 049	6 575
Ferro-phosphorus	tonnes	(a) ...	(a) ...	2 165	2 459	1 520
Ferro-silicon	tonnes	38 326	63 684	75 765	74 596	81 450
Ferro-titanium & Fe-Si-Ti	tonnes	(a) ...	3 217	1 380	2 588	2 389
Ferro-tungsten & Fe-Si-W	tonnes	(a) ...	711	750	670	2 380
Ferro-vanadium	tonnes	(a) ...	2 380	1 266	1 572	2 477
Other ferro-alloys	tonnes	13 144	5 377	2 256	2 205	2 330
Silicon metal	tonnes	13 410	23 258	26 156	44 396	42 360
Ingots, blooms, billets	tonnes	32 245	71 199	123 650	85 602	279 573
Scrap	tonnes	2 816 539	2 073 111	1 396 827	1 354 536	1 167 772
Kaolin	tonnes	509 753	360 327	393 780	460 095	560 760
<b>Lead</b>						
Unwrought	tonnes	48 243	49 767	31 942	19 212	12 184
Scrap	tonnes	10 095	10 302	9 787	10 821	11 164
<b>Lithium</b>						
Oxides	tonnes	...	171	298	249	332
Carbonate	tonnes	...	711	673	754	952
<b>Magnesite and magnesia</b>						
Magnesite	tonnes	5 136	1 823	2 890	13 228	5 562
Magnesia	tonnes	129 955	67 510	210 890	235 603	286 232
<b>Manganese</b>						
Ore	tonnes	25 792	18 057	24 485	19 833	11 984
Metal	tonnes	9 232	6 128	8 270	8 156	14 471
Mercury	kilograms	1 041 000	495 000	424 300	59 900	560 000
Mica	tonnes	4 284	3 199	3 476	3 742	4 005
<b>Molybdenum</b>						
Ores & concentrates	tonnes	17 247	17 660	18 706	18 939	25 656
Metal	tonnes	337	691	340	346	530
Oxides	tonnes	...	1 004	814	1 153	1 758
<b>Nickel</b>						
Mattes, sinters etc.	tonnes	...	36 543	18 593	...	...
Unwrought	tonnes	5 924	15 384	42 306	75 302	65 684
Unwrought alloys	tonnes	92	63	211	643	59
Scrap	tonnes	4 642	3 307	1 881	1 995	2 368
Oxides	tonnes	...	825	570	544	752
Crude petroleum	tonnes	61 489 000	61 200 000	62 244 603	59 563 859	55 718 885

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Phosphates	tonnes	1 998 529	1 944 971	1 922 476	1 711 205	1 178 614
Platinum metals						
Platinum	kilograms	(b) £17 602 000	£28 298 000	£9 954 000	£9 329 000	£13 510 000
Platinum metals	kilograms	...	£11 828 000	£1 605 000	£14 225 000	£12 436 000
Waste & scrap	kilograms	574	657	400	300	300
Potash						
Potassic fertilisers	tonnes	570 600	551 200	550 000	462 500	...
Rare earths						
Cerium compounds	tonnes	...	...	78	55	93
Other rare earth compounds	tonnes	...	...	518	...	2 972
Ferro-cerium & other pyrophoric alloys	tonnes	...	...	...	23	490
Metals	tonnes	...	68	200	79	105
Salt	tonnes	499 651	452 393	324 111	502 862	98 806
Sillimanite	tonnes	...	7 622	28 365	17 799	25 485
Silver						
Metal	kilograms	£8 721 000	£13 305 000	£18 131 000	£25 764 000	£13 873 000
Sulphur and pyrites						
Pyrites	tonnes	212	...	69 520	41 736	73 366
Sulphur	tonnes	94 201	61 199	24 989	52 231	21 193
Sulphur, sublimed & precipitated	tonnes	756	10 120	16 712	5 094	27 801
Talc	tonnes	134 954	81 171	116 447	181 949	167 896
Tantalum and niobium						
Tantalum	tonnes	...	...	...	41	72
Tin						
Unwrought	tonnes	10 180	12 945	13 345	10 042	5 603
Unwrought alloys	tonnes	1 073	989	1 116	1 094	888
Scrap	tonnes	203	370	793	508	1 008
Titanium						
Ilmenite	tonnes	...	...	6 085	31 567	55 587
Other titanium minerals	tonnes	(c) 62 820	(c) 47 130	28 515	28 239	42 479
Titanium slag	tonnes	...	...	...	17 509	9 877
Metal	tonnes	1 561	3 104	2 397	3 505	4 101
Oxides	tonnes	61 571	69 661	73 719	59 198	52 786
Tungsten						
Ore	tonnes	68	171	405	215	397
Metal	tonnes	546	*400	270	169	247
Carbide	tonnes	...	...	...	218	74
Vanadium						
Vanadiferous residues	tonnes	...	...	345	225	127
Pentoxide	tonnes	...	640	2 983	1 198	1 312
Zinc						
Ore	tonnes	334 142	312 478	412 481	404 839	427 101
Unwrought	tonnes	115 621	119 536	159 018	125 505	171 866
Unwrought alloys	tonnes	783	375	4 959	5 863	603
Scrap	tonnes	3 882	7 875	5 470	7 265	8 849
Zirconium						
Concentrates	tonnes	56 821	28 197	26 225	32 422	30 993
Metal	tonnes	62	155	170	88	64

## Note(s):-

(a) Included with 'other ferro-alloys'

(b) Platinum and platinum metals

(c) Including ilmenite

## Norway

### Production

Commodity	Units	1996	1997	1998	1999	2000
Primary aluminium (a)	tonnes	863 327	918 511	994 195	1 007 989	1 000 000
Cadmium	tonnes	274	305	276	244	302
Coal						
Bituminous (b)	tonnes	229 636	386 440	328 170	403 940	631 926
Cobalt metal	tonnes	3 097	3 417	3 850	4 000	3 400
Copper, mine	tonnes (metal content)	7 394	6 671	2 699	-----	-----
Copper, smelter	tonnes	31 248	32 900	31 700	33 300	27 000
Copper, refined	tonnes	33 937	32 900	31 700	33 300	25 300
Feldspar	tonnes	72 555	78 169	82 036	72 777	71 300
Graphite	tonnes	7 065	7 713	8 271	7 339	8 392
Iron ore	tonnes	1 554 599	724 400	588 700	520 000	458 600
Pig iron	tonnes	70 000	70 000	70 000	70 000	70 000
Crude steel	tonnes	510 850	578 000	644 000	611 000	679 000
Ferro-alloys						
Ferro-chrome	tonnes	108 900	145 124	174 678	159 714	153 500
Ferro-manganese	tonnes	131 217	119 318	153 089	124 000	150 585
Ferro-silico-manganese	tonnes	174 273	177 409	206 749	235 000	198 671
Ferro-silicon	tonnes	463 423	*420 000	357 000	354 000	...
Other ferro-alloys	tonnes	25 628	31 443	38 130	49 000	54 639
Silicon metal	tonnes	*110 000	*110 000	132 000	*140 000	...
Lead, mine	tonnes (metal content)	2 083	2 231	-----	-----	-----
Primary magnesium metal	tonnes	37 790	34 200	35 400	40 800	41 400
Nepheline syenite	tonnes	299 610	303 717	319 835	304 592	330 000
Nickel, mine	tonnes (metal content)	3 119	2 725	3 219	2 965	2 536
Nickel, smelter/refinery	tonnes	61 582	62 700	70 150	74 100	58 700
Crude petroleum	tonnes	156 788 000	156 215 000	150 006 000	148 728 000	158 625 000
Natural gas	million m <sup>3</sup>	41 971	46 726	48 146	51 582	53 018
Sulphur and pyrites						
Recovered (c)	tonnes (sulphur content)	*90 000	*90 000	*90 000	*95 000	*90 000
Recovered (d)	tonnes (sulphur content)	18 000	18 000	14 000	12 000	18 000
Talc	tonnes	28 140	*28 000	*26 000	*26 000	*27 000
Titanium minerals						
Ilmenite	tonnes	758 711	558 000	589 534	579 623	690 900
Zinc, mine	tonnes (metal content)	8 990	6 709	960	-----	-----
Zinc, slab	tonnes	135 100	142 249	137 925	143 976	138 390

Note(s):-

(a) May include some super purity aluminium

(b) Spitzbergen: not including production from mines controlled by the former Soviet Union

(c) From metal sulphide processing

(d) From petroleum refining and/or natural gas

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought	tonnes	210 191	192 313	126 168	119 024	138 907
Unwrought alloys	tonnes	665 488	723 003	862 949	868 931	902 908
Scrap	tonnes	19 443	20 516	20 362	19 259	24 721
Barytes	tonnes	6 945	16 207	11 514	4 630	5 169
Cadmium						
Metal	tonnes	172	321	454	280	347
Coal (a)	tonnes	156 071	...	...	...	...
Cobalt						
Metal	tonnes	3 149	3 461	3 666	4 055	3 908
Copper						
Ore	tonnes	35 024	32 485	14 825	-----	60
Unwrought	tonnes	33 261	33 273	30 642	33 898	25 968
Unwrought alloys	tonnes	1 922	1 808	1 589	1 971	1 674
Scrap	tonnes	10 998	13 034	9 229	12 737	17 248
Feldspar	tonnes	69 578	67 741	83 943	69 297	71 154
Gold						
Metal	kilograms	1 643	1 714	1 823	1 854	1 621
Waste & scrap	kilograms	2 083	1 280	938	899	1 215

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Graphite	tonnes	29 340	*7 000	*7 000	*7 000	9 002
Gypsum						
Crude & calcined	tonnes	...	...	105	7 254	17 358
Iodine	kilograms	...	23	1 217	17 607	19 244
Iron ore						
Iron ore	tonnes	610 787	270 815	50 829	19 127	17 598
Burnt pyrites	tonnes	155 982	87 562	64 053	38 232	45 081
Iron, steel and ferro-alloys						
Pig iron	tonnes	91 000	70 000	65 000	...	...
Ferro-chrome (b)	tonnes	*119 100	*150 000	*161 000	*158 100	*172 200
Ferro-manganese (b)	tonnes	*208 000	*196 000	*203 900	*203 200	*197 200
Ferro-silico-manganese	tonnes	187 244	206 103	223 406	246 923	232 125
Ferro-silicon	tonnes	400 900	412 873	423 154	425 761	407 164
Other ferro-alloys	tonnes	50 097	34 247	40 026	48 308	54 776
Silicon metal	tonnes	97 136	109 435	119 560	142 247	154 807
Ingots, blooms, billets	tonnes	155 184	131 337	143 442	140 600	177 302
Scrap	tonnes	145 241	156 118	134 216	140 354	139 044
Lead						
Scrap	tonnes	10 075	8 122	10 660	13 494	15 329
Magnesite and magnesia	tonnes	3 504	*3 500	*3 500	-----	6 361
Manganese						
Metal	tonnes	116	68	35	...	0
Mercury	kilograms	...	52 647	32 008	14 525	...
Mica	tonnes	1 795	1 942	2 051	2 172	1 833
Nickel						
Ore	tonnes	34 880	30 512	34 016	26 546	24 999
Unwrought	tonnes	60 919	62 295	70 153	73 328	59 956
Scrap	tonnes	294	145	176	399	173
Crude petroleum	tonnes	136 799 832	136 909 684	131 818 902	128 179 516	139 954 502
Platinum metals						
Platinum & platinum metals	kilograms	4 823	5 943	6 049	6 853	5 668
Salt	tonnes	5 511	5 118	9 567	7 929	4 114
Silver						
Metal	kilograms	106 519	102 917	92 509	122 387	112 502
Sulphur and pyrites						
Sulphur, sublimed & precipitated	tonnes	10 264	12 139	10 355	10 827	10 694
Talc	tonnes	35 800	36 512	35 488	33 688	31 249
Titanium						
Titanium minerals	tonnes	400 932	453 000	447 000	375 000	455 450
Metal	tonnes	538	...	130	135	176
Oxides (b)	tonnes	*24 500	*28 100	*27 100	*21 800	*24 300
Zinc						
Unwrought	tonnes	112 980	124 187	116 805	121 857	116 999
Unwrought alloys	tonnes	8 430	6 651	9 168	10 239	12 067
Zirconium						
Concentrates	tonnes	4 230	1 637	170	10	-----

Note(s):-

(a) Including anthracite

(b) BGS estimates, based on known imports into certain countries

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	22 549	31 402	14 261	31 007	24 325
Alumina	tonnes	1 693 565	1 733 334	1 899 852	1 920 834	2 034 199
Alumina hydrate	tonnes	37 136	41 186	38 386	39 732	42 387
Unwrought	tonnes	122 265	155 421	83 382	168 755	160 813
Unwrought alloys	tonnes	27 275	40 842	64 552	17 256	91 639
Scrap	tonnes	63 038	68 723	76 079	87 744	86 441
Antimony						
Metal	tonnes	1	29	10	5	3
Oxide	tonnes	152	347	353	227	338
Arsenic						
Metallic arsenic	tonnes	36	36	36	61	54
Barytes	tonnes	142 150	158 036	145 616	134 596	158 610

## Norway

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Bentonite and fuller's earth						
Bentonite	tonnes	24 533	17 242	17 518	16 191	15 220
Chromium						
Ores & concentrates	tonnes	308 000	(a) *251 000	(a) *425 000	(a) *468 000	(a) *282 000
Metal	tonnes	54	115	102	80	48
Coal						
Anthracite (b)	tonnes	83 151	106 361	152 694	88 456	86 671
Other coal (b)	tonnes	706 033	725 246	766 142	734 845	746 117
Lignite (b)	tonnes	40 755	28 809	48 049	90 777	86 497
Cobalt						
Metal	tonnes	1 754	1 100	1 661	1 371	1 717
Oxides	tonnes	696	408	631	645	642
Copper						
Matte & cement (c)	tonnes	*23 000	*25 000	*22 000	*20 000	...
Unwrought	tonnes	3 155	4 422	3 713	3 225	3 594
Scrap	tonnes	5 777	5 892	5 234	6 275	5 890
Diamond						
Unsorted	carats	...	...	...	420 000	30 000
Gem	carats	25 000	...	...	2 445 000	2 550 000
Industrial	carats	10 000	...	...	50 000	90 000
Dust	carats	375 000	...	...	520 000	290 000
Diatomite	tonnes	1 472	1 889	2 254	1 984	1 974
Feldspar	tonnes	889	841	466	833	8 870
Fluorspar	tonnes	43 358	42 397	42 804	*48 000	47 415
Gold						
Metal	kilograms	1 418	1 750	2 183	2 111	2 197
Waste & scrap	kilograms	416	525	301	67	322
Graphite	tonnes	212	54	77	3	318
Gypsum						
Crude	tonnes	43 157	29 482	28 015	25 521	23 851
Calcined	tonnes	262 186	332 441	375 899	354 670	332 034
Iodine	kilograms	439 000	549 692	351 791	124 711	228 029
Iron ore	tonnes	470 188	561 474	529 789	488 582	187 630
Iron, steel and ferro-alloys						
Pig iron	tonnes	9 227	8 179	10 216	17 924	15 874
Sponge & powder	tonnes	967	37 973	900	37 267	42 414
Ferro-chrome	tonnes	660	688	712	366	844
Ferro-manganese	tonnes	6 079	15 181	22 231	37 484	17 467
Ferro-silico-manganese	tonnes	49	3 933	294	52	438
Ferro-silicon	tonnes	5 207	9 161	7 825	3 408	7 057
Other ferro-alloys	tonnes	728	975	844	1 690	1 152
Silicon metal	tonnes	5 360	13 203	8 235	10 456	7 898
Ingots, blooms, billets	tonnes	124 334	166 505	178 746	117 345	176 632
Scrap	tonnes	215 747	290 278	346 976	331 948	368 454
Kaolin	tonnes	224 811	241 707	250 210	263 832	274 484
Lead						
Unwrought	tonnes	4 304	3 146	2 322	2 483	4 111
Magnesite and magnesia						
Magnesite	tonnes	243	187	5 302	5 469	6 594
Magnesia	tonnes	4 833	5 833	386	222	368
Manganese						
Ore	tonnes	676 573	730 758	721 529	650 379	608 216
Metal	tonnes	1 540	1 648	2 224	1 783	2 284
Mercury	kilograms	3 000	304	585	314	180
Mica	tonnes	2 553	3 399	2 998	3 150	2 051
Nickel						
Mattes, sinters etc.	tonnes	141 942	132 146	139 094	151 010	118 719
Unwrought (d)	tonnes	204	79	168	154	175
Crude petroleum	tonnes	1 332 752	1 559 657	1 921 796	2 186 298	915 314
Phosphates	tonnes	680 521	667 801	628 205	671 668	615 940
Platinum metals						
Platinum & platinum metals	kilograms	622	633	863	1 248	1 138
Waste & scrap	kilograms	1 489	1 651	1 376	1 073	1 327
Potash						
Sulphate	tonnes	169 303	187 970	234 934	182 419	204 059
Chloride	tonnes	372 793	342 143	353 059	355 237	335 274
Other potassic fertilisers	tonnes	524	658	311	534	300

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Rare earths						
Rare earth compounds	tonnes	97	46	96	...	10
Metals	tonnes	367	414	506	734	751
Salt	tonnes	675 715	683 521	703 443	753 514	691 422
Sillimanite	tonnes	3 598	3 017	2 314	2 542	2 609
Silver						
Metal	kilograms	119 114	104 085	128 173	147 328	128 551
Sulphur and pyrites						
Pyrites	tonnes	245 043	206 857	254 119	213 347	216 882
Sulphur	tonnes	399	4 353	911	927	-----
Sulphur, sublimed & precipitated	tonnes	8	965	68	1	2
Talc	tonnes	16 478	14 868	16 776	11 795	12 722
Tin						
Unwrought	tonnes	553	477	402	387	457
Unwrought alloys	tonnes	90	81	104	130	96
Titanium						
Titanium minerals	tonnes	29 637	352	122	19	-----
Metal	tonnes	538	638	1 139	670	407
Oxides	tonnes	6 986	7 540	8 948	8 807	8 626
Vanadium						
Metal	tonnes	-----	...	17	39	58
Zinc						
Ore	tonnes	124 025	194 381	221 918	216 338	209 118
Unwrought (d)	tonnes	1 347	2 359	3 819	2 264	1 577
Scrap	tonnes	2 423	1 371	660	888	429

## Note(s):-

- (a) BGS estimates, based on known exports from certain countries
- (b) Excludes coal imported from Spitzbergen
- (c) Cu content
- (d) Including alloys

## Poland

### Production

Commodity	Units	1996	1997	1998	1999	2000
Primary aluminium	tonnes	51 500	51 500	51 500	51 600	52 300
Barytes	tonnes	6 200	3 400	----	----	----
Bentonite and fuller's earth						
Bentonite	tonnes	1 800	----	----	----	411
Fuller's earth	tonnes	6 200	6 100	5 400	5 000	...
Cadmium	tonnes	----	22	----	----	6
Coal						
Anthracite	tonnes	234 000	157 000	65 000	----	----
Bituminous	tonnes	137 753 000	137 636 000	115 661 000	111 894 136	99 956 580
Lignite	tonnes	63 845 400	63 169 437	62 820 314	60 838 707	59 505 486
Copper, mine	tonnes (metal content)	421 900	414 737	435 800	463 200	454 100
Copper, smelter	tonnes	393 900	432 000	422 700	466 225	462 838
Copper, refined	tonnes	424 708	440 644	446 837	470 494	486 002
Diatomite	tonnes	1 700	1 200	1 530	1 240	1 200
Feldspar	tonnes	86 100	108 100	116 700	105 300	95 588
Gold, mine (a)	kilograms (metal content)	598	375	409	489	367
Gypsum						
Gypsum	tonnes	879 800	899 958	862 820	925 707	998 628
Anhydrite	tonnes	148 400	135 000	166 100	237 000	284 683
Pig iron	tonnes	6 540 100	7 295 637	6 128 484	5 233 124	6 490 456
Crude steel	tonnes	10 432 300	11 585 100	9 915 125	8 853 211	10 504 000
Ferro-alloys						
Ferro-chrome	tonnes	1 100	6 249	4 212	----	----
Ferro-manganese	tonnes	59 900	47 500	50 152	57	0
Ferro-silico-manganese	tonnes	25 000	20 000	15 100	10 000	18 997
Ferro-silicon	tonnes	71 800	77 258	74 991	62 481	55 969
Other ferro-alloys	tonnes	5 800	8 500	13 300	2 700	517
Kaolin (b)	tonnes	59 400	69 700	69 200	80 300	*80 000
Lead, mine	tonnes (metal content)	58 700	54 729	59 533	68 358	58 442
Lead, refined	tonnes	65 983	64 732	64 333	63 985	55 900
Magnesite	tonnes	20 800	29 600	33 700	38 800	39 000
Crude petroleum	tonnes	317 304	289 139	360 000	424 806	652 696
Natural gas	million m <sup>3</sup>	4 754	4 836	4 852	4 757	4 956
Salt						
Rock salt	tonnes	922 700	790 700	748 100	923 200	841 340
Brine salt	tonnes	2 449 200	2 468 700	2 535 700	2 487 700	2 652 042
Selenium metal	tonnes	73	76	67	67	65
Silver, mine	kilograms (metal content)	1 107 300	1 084 200	1 143 690	1 160 355	1 164 700
Sulphur and pyrites						
Frasch	tonnes (sulphur content)	1 732 500	1 676 000	1 348 000	1 175 000	1 369 259
Recovered (c)	tonnes (sulphur content)	242 000	256 400	*260 000	277 800	*285 000
Recovered (d)	tonnes (sulphur content)	37 400	43 900	56 600	73 500	16 483
Zinc, mine	tonnes (metal content)	159 000	158 271	157 874	160 081	154 278
Zinc, slab	tonnes	163 100	170 600	174 800	178 900	179 000

Note(s):-

(a) Metal production

(b) Washed

(c) From metal sulphide processing

(d) From petroleum refining and/or natural gas

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a)	tonnes	25 600	27 800	48 300	37 094	36 275
Scrap	tonnes	3 972	8 698	11 700	22 700	49 630
Asbestos	tonnes	200	300	300	1	14
Bromine	kilograms	----	19 000	27 000	8 000	8 154
Cadmium						
Oxide	tonnes	22	35	25	9	7
Chromium						
Ores & concentrates	tonnes	14 900	5 700	...	966	3 452
Metal	tonnes	437	231	143	1 970	2



## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Coal						
Hard coal	tonnes	28 925 379	29 474 000	28 078 000	24 103 604	23 244 864
Lignite	tonnes	44 900	37 000	23 500	13 400	9 477
Cobalt						
Metal	tonnes	1	1	32	29	22
Copper						
Ores & concentrates	tonnes	8	15 808	23 966	494	0
Unwrought	tonnes	200 005	209 000	182 386	220 950	240 290
Unwrought alloys	tonnes	7 978	11 452	10 778	8 794	6 121
Scrap	tonnes	602	3 257	8 675	10 139	26 153
Diamond						
Industrial	carats	...	55 000	5 000	10 000	...
Feldspar	tonnes	...	200	100	556	831
Gold						
Metal	kilograms	132	1 451	201	419	389
Gypsum						
Crude & calcined	tonnes	45 100	94 700	91 100	78 600	79 661
Iron ore	tonnes	30 396	2 000	5 000	7 744	2 003
Iron, steel and ferro-alloys						
Pig iron	tonnes	74 000	157 900	135 200	74 456	137 667
Ferro-chrome	tonnes	2 263	4 774	2 014	762	26
Ferro-manganese & Fe-Si-Mn	tonnes	2 039	1 815	4 434	487	...
Ferro-silicon	tonnes	41 872	46 438	43 852	37 655	50 497
Other ferro-alloys	tonnes	954	762	1 325	835	9 272
Ingots, blooms, billets	tonnes	1 076 000	1 198 000	...	825 288	1 256 739
Scrap	tonnes	415 600	517 900	446 200	730 592	987 895
Kaolin	tonnes	10 500	4 800	...	3 342	1 903
Lead						
Ores & concentrates	tonnes	61 305	59 436	59 992	76 115	59 977
Unwrought	tonnes	21 900	27 700	36 800	45 838	41 381
Scrap	tonnes	222	333	391	489	1 501
Mercury	kilograms	4 000	...	...	7 000	94 317
Phosphates	tonnes	45 000	46 000	19 000	20 607	14 989
Platinum metals						
Platinum & platinum metals	kilograms	8	45	139	42	795
Potash						
Potassic fertilisers	tonnes	3 800	6 000	1 000	1 135	270
Salt	tonnes	513 300	390 700	337 700	422 351	426 860
Silver						
Metal	kilograms	891 000	929 000	1 032 000	1 054 000	1 041 874
Sulphur and pyrites						
Sulphur	tonnes	1 302 430	1 127 300	832 700	801 354	1 023 400
Titanium						
Oxides	tonnes	13 500	19 600	47 600	21 406	21 280
Tungsten						
Ores & concentrates	tonnes	----	----	342	461	...
Metal	tonnes	56	97	33	10	150
Zinc						
Ore	tonnes	46 948	39 780	19 900	26 329	21 200
Unwrought	tonnes	63 378	59 300	67 900	91 700	75 489
Unwrought alloys	tonnes	2 437	2 605	3 766	2 295	2 488
Scrap	tonnes	111	56	440	237	897

Note(s):-

(a) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	35 800	37 300	30 100	29 447	27 063
Alumina	tonnes	118 200	122 800	118 800	116 700	126 656
Alumina hydrate	tonnes	20 100	21 700	24 000	21 900	24 499
Unwrought	tonnes	26 600	30 500	44 500	48 900	54 469
Unwrought alloys	tonnes	22 900	33 700	43 000	57 400	67 290
Scrap	tonnes	1 100	5 100	20 900	19 200	16 057

## Poland

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Antimony						
Metal	tonnes	258	86	50	36	70
Oxide	tonnes	...	...	...	466	605
Arsenic						
White arsenic	tonnes	95	76	64	74	...
Metallic arsenic	tonnes	35	42	40	25	25
Asbestos	tonnes	15 700	23 000	9 700	24	19
Barytes	tonnes	5 416	4 800	6 700	8 225	7 958
Bentonite and fuller's earth						
Bentonite	tonnes	71 300	76 900	71 800	60 333	61 733
Fuller's earth	tonnes	900	1 000	1 100	1 236	920
Bismuth						
Metal	tonnes	16	12	9	10	9
Bromine	kilograms	28 000	80 000	63 000	37 000	43 259
Cadmium						
Metal	tonnes	20	128	20	7	2
Oxide	tonnes	16	7	51	41	141
Chromium						
Ores & concentrates	tonnes	55 200	31 900	30 400	32 658	25 804
Coal						
Hard coal (a)	tonnes	1 976 700	3 244 000	4 198 000	2 374 285	1 503 434
Cobalt						
Metal	tonnes	33	37	48	37	46
Oxide	tonnes	35	46	54	31	38
Copper						
Unwrought	tonnes	1 686	2 251	600	4 151	8 106
Scrap	tonnes	1 376	1 497	1 136	2 627	6 249
Diamond						
Unsorted	carats	...	...	...	40 000	20 000
Gem	carats	340 000	50 000	6 350 000	10 000	30 000
Industrial	carats	100 000	275 000	415 000	110 000	235 000
Diatomite	tonnes	5 812	6 512	6 187	6 717	7 150
Feldspar	tonnes	34 800	35 600	40 000	57 382	81 995
Fluorspar	tonnes	9 800	6 100	7 800	8 411	5 387
Gold						
Metal	kilograms	279	440	55	33	413
Graphite	tonnes	2 360	2 187	3 021	2 586	3 727
Gypsum						
Crude	tonnes	4 700	5 900	55 000	65 988	78 372
Calcined	tonnes	40 700	81 700	119 500	180 149	127 071
Iodine	kilograms	33 000	31 000	25 000	29 000	17 773
Iron ore (b)	tonnes	9 803 503	10 582 900	9 981 900	7 418 423	9 736 781
Iron, steel and ferro-alloys						
Pig iron	tonnes	39 500	30 700	26 300	22 338	11 745
Ferro-chrome	tonnes	9 362	8 332	8 929	7 225	10 388
Ferro-silico-magnesium	tonnes	2 362	2 151	1 672	1 725	2 313
Ferro-manganese	tonnes	4 546	12 324	20 858	35 376	63 562
Ferro-silico-manganese	tonnes	16 181	14 673	12 345	18 173	33 705
Ferro-molybdenum	tonnes	584	610	794	586	795
Ferro-phosphorus	tonnes	941	1 020	1 086	1 184	1 104
Ferro-silicon	tonnes	11 568	13 047	9 858	14 345	25 762
Ferro-vanadium	tonnes	280	259	246	361	541
Other ferro-alloys	tonnes	877	1 397	2 530	2 879	3 500
Silicon metal	tonnes	4 583	5 150	6 049	6 708	6 764
Ingots, blooms, billets	tonnes	146 000	133 000	...	47 777	43 331
Scrap	tonnes	400	14 400	19 300	86 886	170 108
Kaolin	tonnes	62 900	60 100	55 000	54 656	53 027
Lead						
Unwrought	tonnes	5 900	10 400	8 900	14 788	33 525
Lithium						
Oxides	tonnes	99	130	97	111	87
Carbonate	tonnes	27	46	27	31	44
Magnesite and magnesia	tonnes	95 100	110 100	98 400	79 277	95 007
Manganese						
Ore	tonnes	200 200	155 600	109 600	9 950	38 975
Metal	tonnes	408	319	310	337	345
Mercury	kilograms	4 000	16 000	3 000	4 000	5 287
Mica	tonnes	741	594	891	826	883

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Molybdenum						
Ores & concentrates	tonnes	222	230	152	173	144
Metal	tonnes	37	32	48	102	75
Nickel						
Unwrought	tonnes	1 712	1 421	1 925	1 488	2 052
Crude petroleum	tonnes	13 350 838	14 713 000	15 367 000	15 272 026	18 039 804
Phosphates	tonnes	1 790 000	1 752 000	1 684 000	1 528 188	1 472 050
Platinum metals						
Platinum & platinum metals	kilograms	2 086	85	3 497	206	1 550
Waste & scrap	kilograms	...	...	...	17 750	2 609
Potash						
Chloride (c)	tonnes	826 000	824 000	761 000	706 564	770 508
Rare earths						
Rare earth compounds	tonnes	69	77	82	70	79
Metals	tonnes	125	45	5	4	23
Salt	tonnes	81 800	81 700	74 200	116 447	113 806
Sillimanite	tonnes	16 461	15 643	14 519	8 404	10 173
Silver						
Metal	kilograms	1 000	...	1 000	1 000	22 562
Sulphur and pyrites						
Sulphur	tonnes	1 274	100	8 300	46 014	49 273
Sulphur, sublimed & precipitated	tonnes	...	...	...	505	560
Talc	tonnes	23 100	21 600	14 900	15 061	13 450
Tantalum and niobium						
Tantalum	tonnes	5	2	2	22	5
Tin						
Unwrought	tonnes	1 229	1 298	1 090	957	1 194
Titanium						
Titanium minerals	tonnes	62 500	69 800	87 200	74 439	87 393
Metal	tonnes	...	...	...	182	186
Oxides	tonnes	8 400	13 900	15 700	21 414	26 324
Tungsten						
Ores & concentrates	tonnes	127	121	97	137	1
Metal	tonnes	21	11	28	28	178
Zinc						
Ore	tonnes	86 488	72 800	94 400	100 582	95 443
Unwrought (d)	tonnes	3 745	5 400	6 900	8 703	10 493
Zirconium						
Concentrates	tonnes	1 142	1 455	1 024	956	1 790
Metal	tonnes	433	191	36	22	7

## Note(s):-

- (a) Including anthracite
- (b) Including burnt pyrites
- (c) Including sulphate and fertiliser salts
- (d) Including alloys

## Portugal

### Production

Commodity	Units	1996	1997	1998	1999	2000
Copper, mine	tonnes (metal content)	107 774	106 580	114 515	99 472	76 300
Diatomite	tonnes	1 550	1 540	2 265	785	686
Feldspar	tonnes	96 955	81 597	96 854	114 685	136 730
Gypsum	tonnes	520 722	566 517	562 380	569 519	*567 000
Iron ore (a)	tonnes	18 620	18 905	20 200	11 733	11 800
Pig iron	tonnes	423 000	431 000	365 000	389 000	400 000
Crude steel	tonnes	852 000	911 000	906 000	1 038 000	1 093 000
Kaolin	tonnes	177 423	216 075	271 296	221 296	127 581
Lead, refined	tonnes	5 900	*6 000	*6 000	*6 000	*6 000
Lithium minerals						
Lepidolite	tonnes	7 626	6 838	13 306	14 862	9 352
Salt						
Rock salt	tonnes	604 396	595 997	597 065	558 807	584 516
Sea salt	tonnes	91 049	73 987	79 033	90 675	74 027
Silver, mine	kilograms (metal content)	33 700	33 900	31 880	26 450	20 430
Sulphur and pyrites						
Pyrites	tonnes (sulphur content)	*5 000	*5 000	*5 000	...	...
Recovered	tonnes (sulphur content)	*4 000	*3 000	*3 000	...	...
Talc	tonnes	8 277	8 236	9 882	9 554	7 407
Tin, mine	tonnes (metal content)	4 637	3 566	2 958	2 163	1 246
Tungsten, mine (b)	tonnes (metal content)	777	1 029	821	435	743
Uranium, mine	tonnes (metal content)	14	17	19	10	13
Zinc, slab	tonnes	3 600	*3 600	*4 000	*4 000	*4 000

Note(s):-

(a) Including manganiferous iron ore

(b) Wolframite and scheelite

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a)	tonnes	2 512	3 480	34 213	69 426	106 601
Scrap	tonnes	9 771	11 760	12 349	14 087	14 682
Copper						
Ore	tonnes	492 279	465 368	447 370	441 029	325 725
Unwrought	tonnes	38	6	1 035	1 098	269
Scrap	tonnes	9 222	9 044	9 892	12 337	20 006
Diamond						
Gem, rough	carats	£512 000	£16 487 000	£5 610 000	£430 000	...
Gem, cut	carats	£34 258 000	£34 744 000	£15 694 000	£29 996 000	£19 186 000
Feldspar	tonnes	1 850	2 069	2 060	1 861	2 616
Gold						
Metal	kilograms	----	1 207	851	16	...
Waste & scrap	kilograms	16	1 329	127	16	...
Iron, steel and ferro-alloys						
Ingots, blooms, billets	tonnes	162 710	91 029	88 366	140 231	107 702
Scrap	tonnes	56 384	127 179	122 069	78 393	172 330
Kaolin	tonnes	1 008	4 951	2 741	9 701	10 287
Lead						
Unwrought	tonnes	2 936	1 279	5	202	60
Scrap	tonnes	1 692	714	1 541	3 556	2 827
Salt	tonnes	16 085	25 600	13 048	3 362	1 892
Silver						
Metal	kilograms	86	4 687	416	277	5
Sulphur and pyrites						
Sulphur	tonnes	7 332	5 056	11 349	16 837	7 367
Tantalum and niobium						
Tantalum	tonnes	----	1	----	19	33
Tin						
Concentrates	tonnes	9 653	6 927	6 257	4 155	2 332

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Tungsten						
Ore	tonnes	1 319	1 881	1 269	601	715
Metal	tonnes	18	26	59	86	546
Zinc						
Scrap	tonnes	----	332	2 380	857	729
Zirconium						
Metal	tonnes	20	----	----	180	472

Note(s):-

(a) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	5 324	8 427	8 687	8 668	10 115
Unwrought	tonnes	9 335	4 305	7 160	10 110	6 314
Unwrought alloys	tonnes	58 341	75 464	102 015	149 605	188 624
Scrap	tonnes	54	422	944	2 016	4 306
Antimony						
Metal	tonnes	17	8	24	7	5
Asbestos	tonnes	6 442	7 324	6 302	8 949	4 710
Barytes	tonnes	5 060	1 176	3 656	2 065	3 893
Bentonite and fuller's earth						
Bentonite	tonnes	12 844	13 941	18 847	12 681	16 679
Chromium						
Ores & concentrates	tonnes	2 755	1 603	1 947	1 886	1 916
Coal						
Anthracite	tonnes	322 221	447 943	336 726	180 884	375 617
Other coal	tonnes	4 776 330	5 160 295	4 653 374	5 867 892	5 999 032
Copper						
Unwrought	tonnes	4 087	3 955	2 532	3 486	3 409
Scrap	tonnes	710	902	2 282	1 879	487
Diamond						
Unsorted	carats	£192 000	£79 000	£114 000	£67 000	£43 000
Gem, rough	carats	£34 962 000	£49 170 000	£27 441 000	£19 294 000	£17 753 000
Gem, cut	carats	£3 522 000	£3 832 000	£3 890 000	£11 777 000	£12 550 000
Industrial	carats	£1 217 000	£1 014 000	£1 335 000	£684 000	£491 000
Diatomite	tonnes	1 186	1 243	1 667	1 493	2 151
Feldspar	tonnes	20 357	34 456	31 026	48 594	50 280
Fluorspar	tonnes	1 057	971	1 380	1 457	1 693
Gold						
Metal	kilograms	1 001	9 736	6 442	174	2 551
Graphite	tonnes	400	229	378	608	678
Gypsum						
Crude	tonnes	25 784	39 636	42 798	44 279	35 966
Calcined	tonnes	134 296	169 780	233 205	310 987	374 538
Iodine	kilograms	15 600	86 325	24 990	22 543	22 443
Iron ore	tonnes	454 811	558 546	590 086	538 354	580 178
Iron, steel and ferro-alloys						
Pig iron	tonnes	20 671	23 285	27 032	18 969	24 253
Ferro-manganese	tonnes	1 239	1 108	1 304	1 203	1 180
Ferro-silico-manganese	tonnes	7 177	7 553	6 310	7 252	6 877
Ferro-silicon	tonnes	4 087	4 658	4 360	4 017	3 749
Other ferro-alloys	tonnes	1 619	2 626	4 576	5 353	5 922
Ingots, blooms, billets	tonnes	3 277	14 126	22 860	53 177	46 558
Scrap	tonnes	34 555	39 749	173 559	288 200	227 168
Kaolin	tonnes	95 805	109 909	121 639	128 709	140 863
Lead						
Unwrought	tonnes	18 596	22 934	28 072	19 615	18 053
Magnesite and magnesia						
Magnesite	tonnes	1 590	2 530	1 762	1 869	2 892
Magnesia	tonnes	2 850	2 699	2 597	3 203	2 288
Mercury	kilograms	----	8 126	933	869	749
Mica	tonnes	129	45	110	144	57
Molybdenum						
Metal	tonnes	10	16	16	14	17

## Portugal

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Nickel						
Unwrought (a)	tonnes	281	290	356	265	282
Crude petroleum	tonnes	11 131 892	12 701 350	13 372 594	13 084 461	11 422 174
Phosphates	tonnes	132 483	137 590	183 954	156 689	141 161
Platinum metals						
Waste & scrap	kilograms	...	130	6	4 301	1 804
Potash						
Sulphate	tonnes	1 198	2 370	2 423	799	6 133
Chloride	tonnes	79 072	87 941	67 242	72 648	55 774
Salt	tonnes	40 819	90 057	105 823	75 053	104 476
Sillimanite	tonnes	631	616	716	491	568
Silver						
Metal	kilograms	1 497	98 115	81 514	540	...
Sulphur and pyrites						
Sulphur	tonnes	7 322	2 644	2 469	2 378	2 302
Sulphur, sublimed & precipitated	tonnes	10	703	4 576	1 709	7
Talc	tonnes	12 921	12 511	14 432	15 284	14 873
Tin						
Unwrought	tonnes	725	748	940	834	1 505
Unwrought alloys	tonnes	458	276	411	92	246
Titanium						
Oxides	tonnes	18 100	17 784	18 995	18 018	17 227
Tungsten						
Carbide	tonnes	82	75	...	96	75
Zinc						
Unwrought	tonnes	6 395	7 421	11 718	13 560	12 146
Unwrought alloys	tonnes	9 012	7 976	9 590	6 631	7 413
Zirconium						
Concentrates	tonnes	3 004	4 718	4 375	3 955	3 610

Note(s):-

(a) Including alloys

# Romania

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bauxite	tonnes	175 200	127 450	161 865	-----	-----
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	261 000	279 537	250 266	277 388	416 575
Primary aluminium	tonnes	140 872	161 907	174 040	174 100	179 039
Barytes	tonnes	12 541	12 729	10 327	4 632	4 266
Bentonite and fuller's earth						
Bentonite	tonnes	43 543	27 133	25 434	20 577	35 789
Bismuth, mine	tonnes (metal content)	*40	*40	*40	*40	*40
Coal						
Anthracite & bituminous	tonnes	6 965 000	5 642 000	4 331 000	3 741 000	...
Brown coal & lignite	tonnes	37 809 000	30 604 000	23 774 000	20 793 000	(a) 31 386 700
Copper, mine	tonnes (metal content)	24 434	22 638	19 065	16 455	16 079
Copper, smelter	tonnes	32 565	25 024	18 709	24 010	16 495
Copper, refined	tonnes	28 323	22 912	21 008	20 983	13 803
Diatomite	tonnes	56 906	23 880	34 600	11 592	9 712
Feldspar	tonnes	34 975	25 962	37 010	36 627	38 361
Fluorspar	tonnes	*15 000	*15 000	*15 000	*15 000	*15 000
Gold, mine	kilograms (metal content)	*4 000	*4 000	*4 000	*4 000	*4 000
Graphite	tonnes	2 931	2 563	1 951	1 041	1 251
Gypsum	tonnes	91 000	79 000	75 000	75 000	*75 000
Iron ore	tonnes	860 000	756 000	459 000	131 000	...
Pig iron	tonnes	4 024 600	4 556 000	4 541 151	2 969 467	3 068 678
Crude steel	tonnes	6 083 000	6 675 000	6 335 896	4 391 746	4 770 217
Ferro-alloys						
Ferro-chrome	tonnes	9 650	950	873	-----	-----
Ferro-manganese	tonnes	20 150	11 505	4 170	25	1 044
Ferro-silico-manganese	tonnes	78 590	62 570	83 617	550	21 158
Ferro-silicon	tonnes	23 827	9 620	5 553	-----	2 542
Silicon metal	tonnes	*300	*300	*150	-----	-----
Kaolin	tonnes	45 199	29 169	24 742	25 456	19 007
Lead, mine	tonnes (metal content)	21 356	19 447	15 128	17 489	18 744
Lead, refined	tonnes	19 370	17 686	19 872	17 462	23 555
Manganese ore	tonnes	*150 000	*100 000	*100 000	*60 000	...
Crude petroleum	tonnes	6 626 000	6 517 000	6 309 043	6 140 000	*6 000 000
Natural gas	million m <sup>3</sup>	18 162	15 916	14 441	14 617	15 304
Salt	tonnes	2 688 900	2 612 000	2 220 114	2 196 915	2 267 675
Silver, mine	kilograms (metal content)	*18 000	*18 000	*18 000	*18 000	*18 000
Sulphur and pyrites						
Pyrites	tonnes (sulphur content)	49 116	52 000	50 073	48 127	9 369
Recovered	tonnes (sulphur content)	68 000	43 000	46 000	41 000	35 000
Talc	tonnes	10 248	7 578	8 134	8 229	7 850
Uranium, mine	tonnes (metal content)	*100	*100	*100	*100	*50
Zinc, mine	tonnes (metal content)	32 082	31 737	25 650	26 536	27 455
Zinc, slab	tonnes	28 182	30 226	29 326	28 695	51 929

Note(s):-

(a) Coal; all forms

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	8 826	53 218	11 692	56 510	239 780
Unwrought	tonnes	105 345	107 483	102 200	77 573	72 767
Scrap	tonnes	...	...	4 242	19 946	32 905
Bentonite and fuller's earth						
Bentonite	tonnes	...	927	409	6 893	14 789
Copper						
Ore	tonnes	...	...	14 362	28 499	19 489
Matte & cement	tonnes	...	2 434	2 015	...	...
Unwrought	tonnes	13 254	15 141	8 394	9 990	13 064
Scrap	tonnes	107	206	17 856	34 668	41 553
Diamond	carats	4 064 080	879 100	...	...	...
Gypsum	tonnes	6 738	6 565	5 638	4 252	5 191

## Romania

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Iron, steel and ferro-alloys						
Pig iron	tonnes	62 000	71 141	39 154	...	7 473
Sponge & powder	tonnes	...	6 221	8 544	8 857	7 767
Ferro-alloys	tonnes	86 951	56 162	47 625	8 186	61 255
Ingots, blooms, billets	tonnes	1 228	72 858	148 306	237 609	59 291
Scrap	tonnes	29 584	237 991	759 347	1 325 996	2 289 430
Lead						
Unwrought	tonnes	5 849	3 598	3 348	3 788	18 260
Scrap	tonnes	...	...	1 456	5 224	6 083
Salt	tonnes	565 510	585 665	439 530	492 524	465 106
Sulphur and pyrites						
Sulphur	tonnes	3 308	6 810	2 388	3 350	320
Zinc						
Ore	tonnes	...	3 286	11 302	23 737	46 410
Unwrought	tonnes	8 199	14 756	18 625	18 617	46 355

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	546 446	666 583	303 426	612 281	1 428 143
Alumina	tonnes	98 300	151 931	140 689	146 877	186 972
Antimony						
Metal	tonnes	(a) *60	71	87	45	63
Asbestos	tonnes	39 130	6 807	18 705	13 986	10 244
Barytes	tonnes	18 419	18 984	88 130	15 128	21 086
Bentonite and fuller's earth	tonnes	...	2 459	2 640	1 895	2 700
Chromium						
Ores & concentrates	tonnes	43 200	15 348	13 479	2 966	1 301
Metal	tonnes	219	6	47	337	95
Coal (b)	tonnes	4 728 117	5 248 649	3 866 796	2 412 701	2 467 034
Copper						
Ores & concentrates	tonnes	35 902	22 584	10 964	51 193	41 206
Unwrought	tonnes	4 628	754	...	4 165	15 938
Diamond						
Gem, cut	carats	199 393	166 776	...	...	...
Industrial	carats	£500 000	£700 000	£600 000	...	...
Diatomite	tonnes	1 893	2 144	2 592	3 209	3 133
Feldspar	tonnes	...	8 752	9 838	15 523	19 694
Fluorspar	tonnes	22 970	19 271	11 831	24 684	4 739
Gypsum	tonnes	3 400	4 573	4 982	10 109	36 947
Iodine	kilograms	...	1 000	6 000	...	...
Iron ore	tonnes	5 843 451	6 625 253	6 569 462	4 171 545	5 049 180
Iron, steel and ferro-alloys						
Ferro-alloys	tonnes	47 740	80 566	85 521	56 083	61 774
Silicon metal	tonnes	...	708	2 044	1 979	2 460
Ingots, blooms, billets	tonnes	343 965	340 439	346 160	238 673	512 266
Kaolin	tonnes	54 330	58 851	49 338	53 812	68 404
Lead						
Ores & concentrates	tonnes	3 001	5 182	7 449	12 966	32 615
Unwrought	tonnes	200	293	2 355	6 537	4 377
Magnesite and magnesia	tonnes	37 842	28 322	27 905	21 960	23 280
Manganese						
Ore	tonnes	197 862	98 943	46 763	35 545	127 114
Metal	tonnes	200	2 800	115	153	137
Mercury	kilograms	98 000	1 000	...	----	1 000
Nickel						
Unwrought	tonnes	626	563	593	391	467
Crude petroleum	tonnes	7 155 735	6 244 782	5 973 527	4 294 300	4 641 598
Phosphates	tonnes	683 211	480 297	272 912	340 340	344 152
Potash						
Potassic fertilisers	tonnes	84 858	83 763	60 987	82 029	71 909
Salt	tonnes	2 176	1 236	644	774	6 242
Sulphur and pyrites						
Sulphur, crude	tonnes	60 166	41 736	43 195	27 314	54 047
Sulphur, sublimed & precipitated	tonnes	2	25	824	80	69
Talc	tonnes	...	553	520	678	804



## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Tin						
Unwrought (c)	tonnes	511	434	412	204	191
Titanium						
Titanium minerals	tonnes	2 295	2 219	3 281	1 517	3 017
Oxides	tonnes	2 034	2 617	3 633	3 684	3 992
Zinc						
Ores & concentrates	tonnes	-----	-----	46 016	75 015	148 679
Unwrought (c)	tonnes	1 000	654	7 899	4 976	6 075
Zirconium						
Concentrates	tonnes	800	215	178	110	468
Metal	tonnes	0	18	...	57	18

## Note(s):-

(a) BGS estimates, based on known exports from certain countries

(b) Including anthracite

(c) Including alloys

# Russia

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bauxite	tonnes	3 928 000	3 988 000	4 092 000	4 513 000	5 089 000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	2 148 000	2 379 800	2 465 400	2 657 100	2 889 000
Primary aluminium	tonnes	2 873 000	2 906 000	3 010 000	3 149 000	3 247 000
Antimony, mine	tonnes (metal content)	6 000	6 000	4 000	4 000	4 500
White arsenic	tonnes	*1 500	*1 500	*1 500	*1 500	*1 500
Asbestos	tonnes	629 863	723 973	601 859	674 000	752 000
Barytes	tonnes	55 000	*60 000	*60 000	*60 000	*60 000
Bentonite and fuller's earth						
Bentonite	tonnes	660 000	*655 000	...	...	...
Beryl	tonnes	*1 000	*1 000	*1 000	*1 000	*1 000
Bismuth, mine	tonnes (metal content)	10	10	*10	*10	*10
Borates	tonnes	1 020 000	*1 000 000	*1 000 000	*1 000 000	*1 000 000
Bromine	kilograms	70 000	*60 000	...	...	...
Cadmium	tonnes	716	*750	*750	*750	*750
Chromium ores and concentrates	tonnes	112 000	77 900	69 500	48 047	79 000
Coal	tonnes	254 800 000	245 000 000	231 919 000	249 521 000	258 000 000
Cobalt, mine	tonnes (metal content)	*4 200	*4 100	*4 000	*4 500	*4 500
Cobalt metal	tonnes	4 200	4 000	3 700	3 800	*4 500
Copper, mine	tonnes (metal content)	523 000	505 000	*500 000	*510 000	*550 000
Copper, smelter	tonnes	549 600	535 000	510 000	520 000	535 000
Copper, refined	tonnes	599 000	639 900	655 900	736 600	824 000
Diamond	carats	19 200 000	19 400 000	19 800 000	16 200 000	20 500 000
Feldspar	tonnes	29 330	*29 000	...	...	...
Fluorspar	tonnes	75 000	*80 000	*100 000	*155 000	*160 000
Gold, mine	kilograms (metal content)	119 856	123 937	113 807	125 870	142 500
Graphite	tonnes	13 928	14 275	...	15 670	20 125
Gypsum	tonnes	1 534 000	559 200	609 400	867 200	1 013 000
Iodine	kilograms	9 000	73 000	168 000	25 000	24 000
Iron ore	tonnes	72 100 000	70 867 300	72 600 000	82 200 000	87 100 000
Pig iron	tonnes	37 148 200	37 327 600	34 661 000	40 856 000	44 600 000
Crude steel	tonnes	49 253 000	48 502 000	43 673 000	51 518 000	59 100 000
Ferro-alloys						
Spiegeleisen	tonnes	*7 000	*7 000	*7 000	*7 000	*7 000
Ferro-chrome	tonnes	135 495	248 000	218 100	266 904	*280 000
Ferro-silico-chrome	tonnes	...	36 100	106 000	109 413	...
Ferro-manganese	tonnes	67 000	47 100	78 800	*90 000	*71 000
Ferro-nickel	tonnes	75 000	*40 000	*30 000	*33 000	...
Ferro-phosphorus	tonnes	2 300	3 600	----	...	100
Ferro-silicon	tonnes	496 000	498 000	496 000	601 413	...
Other ferro-alloys	tonnes	*40 000	*40 000	*40 000	*40 000	...
Silicon metal	tonnes	*40 000	*40 000	*40 000	*40 000	*40 000
Kaolin	tonnes	40 000	48 400	40 600	82 300	...
Lead, mine	tonnes (metal content)	23 000	16 000	13 000	14 000	14 000
Lead, refined	tonnes	27 300	46 700	33 100	55 260	51 501
Magnesite	tonnes	3 181 000	2 700 000	2 200 000	2 400 000	2 500 000
Primary magnesium metal	tonnes	31 500	33 000	34 100	35 200	35 500
Mica	tonnes	*10 000	*10 000	*10 000	*10 000	*10 000
Molybdenum, mine	tonnes (metal content)	4 800	4 800	4 800	4 800	3 700
Nepheline syenite (g)	tonnes	827 814	939 020	859 698	859 000	814 000
Nickel, mine	tonnes (metal content)	232 000	235 000	235 000	235 000	235 000
Nickel, smelter/refinery	tonnes	195 900	240 900	233 900	245 800	263 000
Perlite	tonnes	*45 000	*45 000	...	...	...
Crude petroleum	tonnes	300 400 000	306 000 000	303 283 000	305 000 000	323 000 000
Natural gas	million m <sup>3</sup>	575 000	544 000	564 000	563 000	555 000
Phosphate rock	tonnes	8 515 000	9 540 000	9 480 000	10 560 000	10 540 000
Platinum group metals, mine						
Platinum (a)	kilograms (metal content)	37 300	27 300	37 300	14 000	35 800
Palladium (a)	kilograms (metal content)	171 100	160 800	168 000	171 100	161 700
Other platinum metals	kilograms (metal content)	*3 500	*3 500	*3 500	*3 700	*4 100
Potash	tonnes (K <sub>2</sub> O content)	2 685 000	3 596 000	3 461 000	4 312 000	3 079 000
Salt	tonnes	2 100 000	2 060 000	2 220 000	3 180 000	3 170 000
Selenium metal	tonnes	*40	*40	*40	*40	*40
Silver, mine (b)	kilograms (metal content)	400 000	395 000	353 000	380 000	*400 000
Sulphur and pyrites						
Pyrites	tonnes (sulphur content)	400 000	417 000	254 000	307 000	357 000
Recovered (c)	tonnes (sulphur content)	2 504 483	2 973 652	3 972 852	4 443 284	4 948 298
Recovered (d)	tonnes (sulphur content)	324 000	344 000	411 000	510 000	588 000
Sulphur ore	tonnes (sulphur content)	9 564	9 410	...	6 151	9 630

## Production continued

Commodity	Units	1996	1997	1998	1999	2000
Talc	tonnes	79 793	97 561	78 956	107 690	105 549
Tin, mine	tonnes (metal content)	9 000	7 500	7 000	5 200	6 600
Tin, smelter	tonnes	12 400	9 200	4 100	3 800	5 400
Tungsten, mine (e)	tonnes (metal content)	4 500	4 500	3 000	3 000	3 000
Uranium, mine	tonnes (metal content)	*2 000	*2 000	*2 000	*2 000	*2 000
Vanadium, mine	tonnes (metal content)	*11 000	*9 000	*9 000	*9 000	*9 000
Vermiculite	tonnes	*30 000	*25 000	*25 000	*25 000	...
Zinc, mine	tonnes (metal content)	175 000	121 000	114 000	132 000	136 000
Zinc, slab	tonnes	175 000	190 000	196 000	231 310	241 025
Zirconium minerals (f)	tonnes	5 080	5 500	6 293	6 200	6 300

## Note(s):-

- (a) Sales from mine production and stocks
- (b) Smelter and/or refinery production
- (c) From petroleum refining and/or natural gas
- (d) Other
- (e) Wolframite and scheelite
- (f) Including caldasite rock containing zircon and baddeleyite
- (g) Nepheline concentrates

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	194 957	992 945	999 322	260 493	14 699
Alumina	tonnes	74 677	274 110	349 195	142 605	85 969
Alumina hydrate	tonnes	10 495	8 751	6 347	3 953	1 850
Unwrought	tonnes	2 440 538	2 455 249	2 519 619	2 638 907	2 562 217
Unwrought alloys	tonnes	177 904	253 574	270 783	476 770	632 410
Scrap (a)	tonnes	*177 800	*336 900	*437 700	*502 600	*335 400
Antimony						
Ore	tonnes	...	1 272	1 484	1 000	...
Metal	tonnes	239	277	660	57	1
Oxide	tonnes	216	1 824	715	97	143
Asbestos	tonnes	33 411	98 832	241 681	261 138	332 417
Barytes	tonnes	3 596	1 693	(a) *300	(a) *3 900	(a) *1 800
Bentonite and fuller's earth						
Bentonite	tonnes	2 636	3 491	3 659	1 351	9 988
Bismuth						
Metal	tonnes	10	35	269	11	...
Bromine (a)	kilograms	*59 400	...	...	...	...
Cadmium						
Metal (a)	tonnes	*850	*1 070	*650	*270	*400
Chromium						
Ores & concentrates	tonnes	8 074	4 508	3 019	972	(a) *100
Metal	tonnes	5 098	7 774	5 251	6 060	6 123
Coal						
Anthracite	tonnes	3 597 167	2 128 855	1 751 578	1 585 933	2 469 473
Other coal	tonnes	21 744 000	20 695 000	21 609 000	25 661 298	41 191 291
Lignite	tonnes	2 007 429	813 206	309 131	126 815	251 990
Briquettes	tonnes	51 041	29 778	11 838	12 068	539
Cobalt						
Ore	tonnes	115	1 564	6 215	895	...
Metal	tonnes	2 554	4 572	3 023	9 136	8 493
Oxides	tonnes	142	261	267	1 031	1 265
Copper						
Ore	tonnes	56 779	34 693	39 797	26 182	25 161
Unwrought	tonnes	562 772	571 451	550 900	640 150	647 978
Scrap	tonnes	(a) *242 700	355 359	356 479	201 255	18 947
Diatomite	tonnes	2 533	635	181	258	407
Feldspar	tonnes	70 315	8 417	9 627	8 463	12 136
Fluorspar	tonnes	4 357	324	2 056	2 967	4 740
Gold						
Metal	kilograms	3 600	(a) *7 100	51 619	(a) *29 200	(a) *51 100
Waste & scrap (a)	kilograms	*6 500	...	...	...	...

## Russia

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Graphite	tonnes	1 111	742	613	997	1 570
Gypsum						
Crude & calcined	tonnes	2 133	1 044	1 325	4 674	7 312
Iodine	kilograms	27 000	21 000	69 000	85 000	101 000
Iron ore	tonnes	13 833 500	11 772 600	13 828 300	10 841 114	19 224 008
Iron, steel and ferro-alloys						
Pig iron	tonnes	2 888 200	2 419 873	2 466 100	2 795 637	3 573 816
Sponge & powder	tonnes	322 671	393 548	421 164	401 263	481 896
Ferro-chrome	tonnes	(b) ...	146 946	130 387	158 873	161 496
Ferro-silico-chrome	tonnes	(b) ...	8 193	23 930	12 634	6 346
Ferro-manganese	tonnes	(b) ...	3 809	6 226	1 884	3 062
Ferro-silico-manganese	tonnes	(b) ...	78	4 620	6 235	8 164
Ferro-molybdenum	tonnes	(b) ...	735	889	381	34
Ferro-nickel	tonnes	(b) ...	9 690	4 549	3 414	4 681
Ferro-silicon	tonnes	(b) ...	148 793	145 442	196 811	193 217
Ferro-titanium & Fe-Si-Ti	tonnes	(b) ...	16 335	12 794	15 546	14 197
Ferro-tungsten & Fe-Si-W	tonnes	(b) ...	2 722	1 759	1 025	443
Ferro-vanadium	tonnes	(b) ...	2 314	3 134	4 631	5 902
Other ferro-alloys	tonnes	357 260	2 844	1 349	1 119	864
Silicon metal	tonnes	64 754	73 924	36 214	33 462	44 502
Ingots, blooms, billets	tonnes	11 058 335	11 409 000	8 048 553	13 229 437	12 667 963
Scrap	tonnes	2 735 206	5 250 351	7 260 386	7 546 891	6 821 377
Kaolin	tonnes	3 003	574	302	1 233	1 050
Lead						
Ores & concentrates	tonnes	23 613	32 598	21 754	21 006	19 321
Unwrought (a)	tonnes	*41 800	*31 900	*27 700	*24 600	*55 900
Scrap	tonnes	27 032	16 355	14 796	4 410	3 076
Lithium						
Oxides	tonnes	710	914	868	627	1 033
Carbonate	tonnes	76	17	2	12	...
Magnesite and magnesia	tonnes	267 275	299 395	204 662	161 814	200 888
Manganese						
Metal (a)	tonnes	*1 600	*1 700	*5 400	*2 200	*5 300
Mercury (a)	kilograms	*345 900	*133 000	*70 000	...	*135 000
Mica	tonnes	1 657	1 007	837	730	828
Molybdenum						
Ores & concentrates	tonnes	4 281	4 645	7 368	10 941	9 297
Metal	tonnes	654	901	932	569	355
Nickel						
Ore	tonnes	84 552	64	----	250	...
Mattes, sinters etc. (a)	tonnes	*8 700	*9 800	*12 000	*16 200	*17 400
Unwrought	tonnes	166 214	218 722	212 186	207 448	188 484
Unwrought alloys	tonnes	988	3 135	1 948	3 837	8 469
Scrap (a)	tonnes	*15 000	*16 900	*10 700	*5 400	*7 400
Oxides	tonnes	610	544	845	350	33
Crude petroleum	tonnes	122 336 100	127 271 000	137 234 000	124 644 350	132 488 847
Phosphates	tonnes	3 571 910	4 258 900	4 329 320	4 470 414	3 799 360
Platinum metals						
Platinum (c)	kilograms	37 300	27 300	37 300	14 000	35 800
Palladium (c)	kilograms	171 100	160 800	168 000	171 000	161 700
Waste & scrap (a)	kilograms	*92 000	*335 600	*152 000	*17 900	*25 900
Potash						
Fertiliser salts	tonnes	17 000	1 000	5 156	5 622	...
Sulphate (a)	tonnes	*21 000	*26 000	*58 000	*77 000	*77 000
Chloride	tonnes	3 590 036	4 909 164	5 031 735	5 496 356	...
Other potassic fertilisers (a)	tonnes	*236 000	*192 000	*278 000	*213 000	...
Rare earths						
Rare earth compounds	tonnes	2 879	...	...	...	...
Salt	tonnes	14 343	15 577	13 108	23 109	23 430
Silver						
Metal	kilograms	547 600	...	(a) *1 217 100	(a) *420 000	...
Waste & scrap	kilograms	69 400	...	...	...	...
Sulphur and pyrites						
Pyrites	tonnes	43 297	18 518	28 044	16 221	14 113
Sulphur	tonnes	1 008 260	1 723 936	1 773 308	2 642 574	3 110 639
Sulphur, sublimed & precipitated	tonnes	519	142	1	...	71
Talc	tonnes	1 164	1 144	257	732	1 002
Tantalum and niobium						
Tantalum	tonnes	8	7	10	6	12

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Tin						
Concentrates	tonnes	3 421	2 538	2 303	4 315	3 241
Unwrought (d)	tonnes	8 859	7 608	2 103	792	1 747
Scrap	tonnes	50	7	13	-----	...
Titanium						
Metal	tonnes	28 879	33 826	27 854	14 518	15 031
Tungsten						
Ore	tonnes	3 226	8 843	5 446	4 639	4 906
Metal (a)	tonnes	*930	*510	*770	*1 350	*900
Vanadium						
Pentoxide	tonnes	...	4 453	2 430	7 638	8 431
Metal	tonnes	15	61	51	35	52
Zinc						
Ores & concentrates	tonnes	86 651	56 583	38 436	46 092	52 180
Unwrought (d)	tonnes	119 498	120 577	117 167	118 192	117 168
Scrap (a)	tonnes	*400	*1 800	*2 300	*3 000	*1 300
Zirconium						
Concentrates	tonnes	4 383	5 200	4 877	3 969	5 316
Metal	tonnes	62	117	170	40	343

Note(s):-

(a) BGS estimates, based on known imports into certain countries

(b) Included with 'other ferro-alloys'

(c) Sales

(d) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	1 249 488	1 020 999	...	1 479 905	299 651
Alumina	tonnes	3 434 909	4 181 960	3 658 027	3 815 878	3 770 061
Alumina hydrate	tonnes	48 654	7 255	10 504	29 948	70 027
Unwrought	tonnes	23 804	32 362	33 947	98 502	153 792
Scrap	tonnes	3 365	6 279	6 362	595	151
Antimony						
Metal	tonnes	881	967	834	1 230	1 374
Oxide	tonnes	...	644	204	374	640
Asbestos	tonnes	31 366	17 128	30 157	23 853	27 259
Barytes	tonnes	19 372	24 422	27 025	34 847	21 110
Bentonite and fuller's earth						
Bentonite	tonnes	146 584	186 178	131 473	176 089	149 475
Bismuth						
Metal	tonnes	11	13	6	36	30
Cadmium						
Metal	tonnes	15	672	1 614	...	...
Chromium						
Ores & concentrates	tonnes	360 637	627 345	466 565	625 538	714 322
Metal	tonnes	559	256	40	286	696
Coal						
Anthracite	tonnes	2 396 401	5 376 810	4 465 260	1 129 790	4 258 806
Other coal	tonnes	17 545 000	9 721 829	10 480 000	14 912 207	21 259 190
Brown coal	tonnes	213 712	82 223	21 809	2 996	9 898
Cobalt						
Metal	tonnes	107	1	72	17	158
Oxide	tonnes	16	56	27	72	109
Copper						
Ore	tonnes	214 673	143 159	62 843	57 754	127 001
Unwrought	tonnes	3 375	7 360	6 165	3 439	8 961
Scrap	tonnes	2 207	3 933	2 347	711	221
Diatomite	tonnes	2 894	3 462	4 220	6 195	6 130
Feldspar	tonnes	1 262	532	1 204	166	530
Fluorspar	tonnes	238 024	227 161	227 373	173 544	178 217
Graphite	tonnes	1 076	1 561	948	1 418	6 316
Gypsum	tonnes	42 177	58 877	33 317	17 676	32 712
Iodine	kilograms	...	84 000	62 000	109 000	135 000

## Russia

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Iron ore						
Iron ore	tonnes	4 372 017	5 392 492	6 562 256	3 313 496	9 188 913
Burnt pyrites	tonnes	7 109	3 552	8 805	...	...
Iron, steel and ferro-alloys						
Pig iron	tonnes	161 789	53 894	24 127	4 174	2 051
Sponge & powder	tonnes	3 907 416	584 588	55 495	3 515	5 265
Ferro-chrome	tonnes	20 008	8 247	8 734	7 449	9 057
Ferro-silico-chrome	tonnes	1 026	-----	-----	-----	-----
Ferro-manganese	tonnes	125 778	144 674	150 344	105 338	162 166
Ferro-silico-manganese	tonnes	210 725	154 570	114 641	121 292	189 994
Ferro-molybdenum	tonnes	(a) ...	311	1 124	2 141	3 701
Ferro-niobium	tonnes	(a) ...	139	362	224	396
Ferro-silicon	tonnes	54 950	40 534	15 249	4 464	18 634
Ferro-titanium & Fe-Si-Ti	tonnes	(a) ...	120	1 437	387	2 310
Ferro-vanadium	tonnes	(a) ...	104	219	233	817
Other ferro-alloys	tonnes	4 549	882	1 465	2 367	2 485
Silicon metal	tonnes	2 170	1 824	2 245	4 436	8 589
Ingots, blooms, billets	tonnes	235 835	19 912	17 731	16 544	15 261
Scrap	tonnes	124 952	92 841	77 093	301 901	312 433
Kaolin	tonnes	159 884	131 238	101 940	133 106	190 328
Lead						
Ore	tonnes	17 490	...	(b) *28 000	(b) *45 000	...
Unwrought	tonnes	45 071	30 054	19 536	27 242	52 668
Scrap	tonnes	1 358	820	247	20	...
Lithium						
Oxides	tonnes	...	140	55	517	856
Carbonate	tonnes	...	297	1 647	1 793	1 787
Magnesite and magnesia	tonnes	20 422	76 993	32 524	42 092	90 238
Manganese						
Ore	tonnes	270 777	177 539	479 117	738 422	621 078
Metal	tonnes	310	64	1 320	2 832	4 345
Mercury	kilograms	...	30 000	46 000	11 000	110 000
Mica	tonnes	1 458	203	1 853	126	34
Molybdenum						
Ores & concentrates	tonnes	759	626	1 491	1 202	939
Metal	tonnes	71	52	41	292	253
Nickel						
Ore	tonnes	516 139	628 682	129 544	17 729	307 322
Unwrought	tonnes	305	1 246	2 096	412	1 837
Scrap	tonnes	3 271	2 903	3 158	4 021	3 971
Crude petroleum	tonnes	8 983 372	7 905 006	7 884 624	6 015 437	5 891 728
Phosphates	tonnes	37 833	84 365	59 098	106 025	60 332
Potash						
Potassic fertilisers	tonnes	959	1 340	1 352	878	1 140
Salt	tonnes	902 966	840 626	625 397	479 981	570 447
Sulphur and pyrites						
Sulphur	tonnes	155 504	244 862	159 698	147 694	9 870
Sulphur, sublimed & precipitated	tonnes	1 300	340	271	186	221
Talc	tonnes	2 196	3 301	5 091	6 961	9 521
Tin						
Concentrates	tonnes	13 218	3 870	310	390	1 236
Unwrought (c)	tonnes	125	181	410	1 538	2 833
Scrap	tonnes	...	...	...	102	491
Titanium						
Titanium minerals	tonnes	76 518	89 925	93 599	63 408	75 478
Metal	tonnes	478	1 049	2 615	1 449	665
Oxides	tonnes	28 571	29 658	28 319	43 036	51 958
Tungsten						
Metal	tonnes	166	87	158	116	87
Vanadium						
Pentoxide	tonnes	...	204	232	1 718	1 139
Metal	tonnes	158	534	316	132	69
Zinc						
Ore	tonnes	140 525	230 577	206 605	226 951	228 886
Unwrought (c)	tonnes	38 101	40 468	40 129	5 577	11 343
Zirconium						
Concentrates	tonnes	6 072	3 457	5 119	8 445	9 530

Note(s):-

(a) Included with 'other ferro-alloys'

(b) BGS estimates, based on known exports from certain countries

(c) Including alloys

## Slovakia

## Production

Commodity	Units	1996	1997	1998	1999	2000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	56 000	46 812	26 507	-----	-----
Primary aluminium	tonnes	115 600	110 190	108 000	105 200	109 000
Asbestos	tonnes	36 000	30 000	19 000	2 000	...
Barytes	tonnes	44 930	62 102	14 877	15 900	13 700
Bentonite and fuller's earth						
Bentonite	tonnes	74 013	79 760	81 010	64 390	77 000
Coal						
Brown coal	tonnes	3 756 000	3 853 000	3 893 000	3 732 000	3 646 100
Copper, smelter	tonnes	14 000	*10 000	*10 000	2 050	-----
Copper, refined	tonnes	28 100	30 300	19 900	1 988	-----
Gold, mine	kilograms (metal content)	492	458	340	363	306
Gypsum (a)	tonnes	121 000	116 000	128 000	117 000	108 000
Iron ore	tonnes	436 000	452 800	479 212	458 035	447 055
Pig iron	tonnes	2 928 000	3 072 000	2 756 000	2 987 000	3 166 400
Crude steel	tonnes	3 458 000	3 484 000	3 428 000	3 533 600	3 706 200
Ferro-alloys						
Ferro-chrome	tonnes	19 900	11 394	11 715	6 986	17 702
Ferro-silico-manganese	tonnes	...	45 159	46 627	37 000	52 141
Ferro-silicon	tonnes	...	50 133	49 963	70 000	59 443
Other ferro-alloys	tonnes	...	29 308	54 672	...	50 508
Kaolin	tonnes	23 240	22 720	14 580	22 930	21 000
Magnesite	tonnes	824 800	863 600	877 842	826 902	1 000 211
Mercury	kilograms	-----	-----	-----	-----	24 000
Perlite	tonnes	25 160	25 019	24 238	19 460	17 022
Crude petroleum	tonnes	68 000	63 136	60 000	60 270	56 940
Natural gas	million m <sup>3</sup>	307	284	260	219	203
Salt	tonnes	106 800	100 500	100 471	119 000	121 700
Sulphur and pyrites						
Recovered (b)	tonnes (sulphur content)	6 000	7 000	6 000	5 000	5 000
Recovered (c)	tonnes (sulphur content)	-----	20 000	21 000	24 000	51 000
Talc	tonnes	5 000	6 100	2 820	1 900	1 800

Note(s):-

(a) Including anhydrite

(b) From metal sulphide processing

(c) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought	tonnes	97 882	110 155	117 123	370 000	143 438
Scrap	tonnes	3 700	(a) *2 300	5 596	5 077	6 583
Asbestos	tonnes	201	328	...	...	...
Barytes	tonnes	38 400	15 580	16 010	15 494	(a) *5 300
Bentonite and fuller's earth						
Bentonite	tonnes	58 042	66 771	45 766	55 948	55 209
Fuller's earth (a)	tonnes	*800	*900	*500	*1 400	...
Chromium						
Metal	tonnes	1 583	1 821	1 707	1 983	...
Copper						
Ores & concentrates	tonnes	3 500	10 300	-----	7 989	...
Unwrought	tonnes	1 700	900	1 180	2 071	343
Scrap	tonnes	(a) *2 600	(a) *4 500	4 544	8 345	7 854
Gold						
Ore	kilograms	1 458 000	1 261 000	...	...	...
Gypsum						
Crude & calcined	tonnes	20 500	28 400	29 100	10 900	3 666
Iron ore	tonnes	95 000	79 500	75 000	95 900	115 628

## Slovakia

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Iron, steel and ferro-alloys						
Pig iron	tonnes	11 000	20 000	23 125	10 510	37 392
Ferro-silicon	tonnes	66 475	(a) *61 600	(b) ...	64 144	58 041
Other ferro-alloys	tonnes	46 696	(a) *85 100	149 358	82 922	116 412
Ingots, blooms, billets	tonnes	128 000	120 000	(a) *114 000	(a) *49 000	*44 000
Scrap	tonnes	212 688	213 000	254 000	296 198	...
Kaolin	tonnes	1 694	819	-----	290	162
Lead						
Unwrought (a)	tonnes	*600	*3 500	*3 600	*2 000	...
Scrap (a)	tonnes	*2 200	*1 100	*500	...	...
Magnesite and magnesia	tonnes	249 100	236 700	310 400	375 100	385 032
Crude petroleum	tonnes	15 000	24 000	23 000	...	14 668
Salt	tonnes	51 173	50 938	52 000	46 826	39 930
Silver						
Metal (a)	kilograms	...	*2 900	*3 100	...	...
Sulphur and pyrites						
Sulphur	tonnes	...	14 700	17 100	...	...
Talc	tonnes	7 800	4 500	2 600	1 777	1 510
Zinc						
Unwrought	tonnes	700	400	400	1 352	...
Scrap	tonnes	100	500	...	580	...

Note(s):-

(a) BGS estimates, based on known imports into certain countries

(b) Included with 'other ferro-alloys'

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	132 000	85 000	531	2 759	4 125
Alumina	tonnes	222 508	215 852	210 200	206 947	212 117
Alumina hydrate	tonnes	100	1 499	40 800	53	92
Unwrought (a)	tonnes	14 876	23 443	24 839	30 968	51 099
Scrap	tonnes	300	800	1 100	4 193	...
Asbestos	tonnes	3 322	1 215	...	...	...
Barytes	tonnes	264	575	456	...	...
Bentonite and fuller's earth						
Bentonite	tonnes	7 205	3 749	8 118	6 614	...
Chromium						
Ores & concentrates	tonnes	66 500	39 413	45 121	31 312	54 500
Metal	tonnes	2	5	1	60	...
Coal						
Hard coal (b)	tonnes	4 994 457	4 837 174	4 439 131	4 370 495	4 852 343
Lignite	tonnes	3 391 000	2 195 000	(c) 1 418 000	1 135 575	806 199
Copper						
Ores & concentrates	tonnes	14 000	16 600	24 600	*12 000	...
Unwrought, refined	tonnes	4 788	7 769	7 500	1 264	1 136
Unwrought alloys	tonnes	1 112	1 319	800	509	...
Diatomite	tonnes	1 568	2 055	1 913	1 868	...
Feldspar	tonnes	...	22 759	...	17 959	...
Fluorspar	tonnes	7 300	8 730	8 600	6 584	7 955
Gold						
Metal	kilograms	(d) *800	(d) *600	3 376	722	495
Graphite	tonnes	2 446	2 756	2 580	2 549	...
Gypsum						
Crude & calcined	tonnes	109 608	108 726	88 800	94 824	102 728
Iron ore	tonnes	4 180 000	4 307 000	3 975 500	4 270 146	4 741 501
Iron, steel and ferro-alloys						
Pig iron	tonnes	27 000	18 000	24 341	17 317	17 889
Sponge & powder	tonnes	...	425	2 095	3 677	8 483
Ferro-alloys	tonnes	13 000	13 000	15 508	12 408	18 946
Silicon metal	tonnes	...	3 165	...	4 589	...
Ingots, blooms, billets	tonnes	11 000	13 081	...	17 318	*13 800
Scrap	tonnes	158 000	115 000	188 586	134 405	219 213
Kaolin	tonnes	52 500	60 800	74 800	76 847	...



## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Lead						
Unwrought	tonnes	1 500	1 000	1 053	957	885
Magnesite and magnesia	tonnes	20 500	24 300	18 600	21 518	34 249
Manganese						
Ore	tonnes	120 870	113 852	148 434	185 765	132 601
Mercury	kilograms	...	3 000	771	8 000	...
Crude petroleum	tonnes	5 443 068	5 335 000	5 446 000	5 351 444	5 329 492
Potash						
Potassic fertilisers	tonnes	112 700	66 098	49 900	22 913	...
Salt	tonnes	199 200	129 300	160 100	186 687	193 174
Sillimanite	tonnes	...	1 785	...	2 910	3 668
Silver						
Metal	kilograms	(d) *5 700	(d) *8 000	22 226	11 349	13 002
Sulphur and pyrites						
Sulphur	tonnes	34 641	34 515	39 078	18 057	15 022
Talc	tonnes	500	600	500	382	...
Tin						
Unwrought	tonnes	607	8	746	836	651
Titanium						
Oxides	tonnes	100	2 293	2 500	1 606	...
Zinc						
Unwrought (a)	tonnes	25 305	23 294	26 172	20 545	24 062

## Note(s):-

- (a) Including alloys
- (b) Including anthracite
- (c) Including briquettes
- (d) BGS estimates, based on known exports from certain countries

## Slovenia

### Production

Commodity	Units	1996	1997	1998	1999	2000
Primary aluminium	tonnes	65 800	74 400	70 800	77 200	83 800
Coal						
Brown coal & lignite	tonnes	4 778 000	4 954 000	4 891 000	4 562 000	4 479 300
Crude steel	tonnes	314 000	372 690	405 210	405 000	450 000
Ferro-alloys						
Ferro-chrome	tonnes	22 819	9 232	10 621	560	----
Ferro-silicon	tonnes	*10 000	*10 000	*10 000	*8 000	*9 000
Lead, refined	tonnes	5 600	15 000	14 000	15 000	15 300
Mercury	kilograms	5 000	5 000	5 000	----	----
Natural gas	million m <sup>3</sup>	12 840	12 100	12 500	12 500	12 500
Salt	tonnes	*5 000	*5 000	*5 000	*5 000	*2 000

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	6 448	11 362	10 171	4 481	6 979
Unwrought (a)	tonnes	47 750	55 970	51 054	56 505	60 836
Scrap	tonnes	3 900	4 700	5 723	6 016	7 393
Copper						
Scrap	tonnes	3 500	5 200	6 257	6 372	7 857
Gold						
Metal	kilograms	...	...	91	58	128
Iron, steel and ferro-alloys						
Ferro-alloys	tonnes	26 000	16 000	16 137	20 348	25 967
Scrap	tonnes	55 125	102 973	86 802	87 155	114 018
Kaolin	tonnes	1 160	198	295	95	21
Lead						
Unwrought	tonnes	6 706	9 200	6 095	7 014	6 392
Mercury	kilograms	6 289	673	16 097	545	831
Nickel						
Unwrought	tonnes	100	600	352	435	850
Crude petroleum	tonnes	127 834	163 870	82 082	----	...
Platinum metals						
Platinum & platinum metals	kilograms	...	...	996	382	201
Salt	tonnes	1 100	3 300	4 769	4 817	3 957
Silver						
Metal	kilograms	...	...	39 716	38 866	1 020
Titanium						
Oxides	tonnes	21 688	32 707	31 848	35 928	42 369

Note(s):-

(a) Including alloys

### Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	14 933	45 887	51 137	50 237	54 840
Alumina	tonnes	159 993	184 114	177 720	181 496	177 313
Unwrought	tonnes	29 570	41 750	64 059	64 779	78 859
Scrap	tonnes	4 100	3 900	3 400	6 366	10 874
Asbestos	tonnes	5 000	1 800	1 716	1 487	893
Bentonite and fuller's earth	tonnes	...	...	5 734	5 568	4 657
Bismuth						
Metal	tonnes	...	...	40	54	39
Chromium						
Ores & concentrates	tonnes	58 400	23 900	30 020	647	607
Metal	tonnes	13	17	16	18	8

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Coal						
Hard coal (a)	tonnes	20 377	32 907	231 472	299 022	...
Lignite	tonnes	412 979	341 558	151 918	81 155	296 245
Cobalt						
Metal	tonnes	...	...	83	134	180
Copper						
Unwrought	tonnes	3 900	4 000	4 819	3 881	3 540
Scrap	tonnes	1 500	1 700	2 670	2 125	3 755
Diamond						
Gem, cut	carats	...	...	10 000	10 000	15 000
Industrial	carats	...	...	10 000	35 000	110 000
Dust	carats	...	...	700 000	845 000	1 730 000
Feldspar	tonnes	...	...	3 833	4 550	3 923
Fluorspar	tonnes	1 500	1 800	1 691	1 144	1 141
Gold						
Metal	kilograms	(b) *100	(b) *200	1 076	1 322	1 399
Gypsum	tonnes	68 146	69 099	73 684	75 474	77 110
Iron, steel and ferro-alloys						
Pig iron	tonnes	14 615	9 847	8 387	10 632	14 265
Ferro-alloys	tonnes	13 671	22 176	25 332	26 458	28 058
Silicon metal	tonnes	...	...	2 020	2 262	2 564
Ingots, blooms, billets	tonnes	2 103	2 533	3 166	2 315	4 057
Scrap	tonnes	142 673	203 099	261 088	179 747	250 090
Kaolin	tonnes	20 800	22 300	24 816	24 934	28 703
Lead						
Unwrought	tonnes	8 300	9 200	10 233	9 025	10 923
Scrap	tonnes	2 700	----	49	101	91
Lithium						
Oxides	tonnes	...	...	80	100	82
Magnesite and magnesia	tonnes	4 200	5 900	7 117	7 993	7 584
Manganese						
Metal	tonnes	500	100	137	112	70
Nickel						
Unwrought (c)	tonnes	1 942	4 375	3 916	4 275	3 718
Crude petroleum	tonnes	2 673 170	2 715 086	2 331 808	271 555	128 439
Platinum metals						
Platinum & platinum metals	kilograms	...	...	140	646	656
Salt	tonnes	129 811	120 618	91 314	143 054	98 702
Silver						
Metal	kilograms	9 152	11 325	61 000	58 000	36 769
Sulphur and pyrites						
Sulphur	tonnes	32 169	44 119	49 628	44 682	47 621
Talc	tonnes	...	...	4 417	3 382	3 639
Titanium						
Titanium minerals	tonnes	11 500	11 700	11 565	11 533	12 462
Oxides	tonnes	1 400	1 700	1 976	2 107	2 444
Zinc						
Unwrought (c)	tonnes	14 068	19 696	20 927	18 960	23 136

Note(s):-

(a) Including anthracite

(b) BGS estimates, based on known exports from certain countries

(c) Including alloys

## Spain

## Production

Commodity	Units	1996	1997	1998	1999	2000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	715 600	725 700	725 500	726 800	734 000
Primary aluminium	tonnes	361 828	360 061	360 400	375 500	365 700
Barytes	tonnes	81 621	102 411	79 820	*70 000	*25 000
Bentonite and fuller's earth						
Bentonite	tonnes	151 045	196 661	46 241	...	...
Attapulgitite	tonnes	130 140	133 035	113 330	...	...
Sepiolite	tonnes	565 636	554 268	553 584	...	...
Bromine	kilograms	*100 000	*100 000	*100 000	*100 000	*100 000
Cadmium	tonnes	307	334	196	----	----
Coal						
Anthracite	tonnes	6 498 980	6 666 820	5 682 568	5 436 000	5 160 000
Bituminous	tonnes	7 195 634	7 200 513	6 717 821	6 295 000	6 173 000
Sub-bituminous	tonnes	4 071 521	4 124 414	3 925 498	3 704 000	3 628 000
Lignite	tonnes	9 585 773	8 462 519	9 749 739	8 831 000	8 524 000
Copper, mine	tonnes (metal content)	38 398	38 887	39 438	3 500	23 469
Copper, smelter	tonnes	248 500	288 900	291 382	292 773	289 957
Copper, refined	tonnes	263 989	292 000	303 076	304 617	315 734
Diatomite (a)	tonnes	39 115	43 207	57 105	55 000	55 000
Feldspar	tonnes	415 189	400 156	429 614	430 000	550 000
Fluorspar	tonnes	116 526	124 987	135 568	148 000	140 466
Gold, mine	kilograms (metal content)	4 241	3 343	5 791	5 081	...
Gypsum	tonnes	7 258 835	7 741 713	9 058 212	9 600 000	10 600 000
Iron ore	tonnes	1 263 318	57 930	52 161	64 000	66 907
Pig iron	tonnes	4 127 000	3 927 000	4 278 000	4 146 000	...
Crude steel	tonnes	12 161 000	13 770 000	14 827 000	14 882 000	15 834 000
Ferro-alloys						
Ferro-chrome	tonnes	805	490	1 145	935	905
Ferro-manganese	tonnes	15 701	22 788	18 360	10 000	26 815
Ferro-silico-manganese	tonnes	101 840	122 199	107 952	95 000	128 197
Ferro-silicon	tonnes	35 890	38 340	39 115	42 000	50 071
Silicon metal	tonnes	16 936	19 220	18 424	28 000	28 215
Kaolin (b)	tonnes	317 918	296 015	312 539	350 000	450 000
Lead, mine	tonnes (metal content)	23 732	19 925	21 422	28 000	51 187
Lead, refined	tonnes	90 960	88 000	90 000	96 000	120 000
Magnesite	tonnes	483 726	409 835	482 295	435 000	380 000
Mercury	kilograms	861 825	389 229	672 681	433 000	236 600
Mica (c)	tonnes	10 747	12 397	10 278	*13 000	...
Crude petroleum	tonnes	513 451	379 563	535 140	306 000	233 105
Natural gas	million m <sup>3</sup>	467	174	114	112	179
Potash						
Chloride	tonnes (K <sub>2</sub> O content)	680 472	638 835	494 166	549 000	522 049
Salt						
Rock salt	tonnes	2 216 482	2 305 062	2 286 230	(d) 3 620 000	(d) 5 500 000
Sea salt	tonnes	1 119 796	1 192 935	1 321 059	...	...
Other salt	tonnes	100 369	95 708	92 408	...	...
Sillimanite minerals						
Andalusite	tonnes	*250	*220	*250	...	...
Silver, mine	kilograms (metal content)	204 015	142 520	99 910	66 000	...
Strontium minerals	tonnes	114 829	95 162	119 077	128 457	*140 000
Sulphur and pyrites						
Pyrites	tonnes (sulphur content)	479 063	445 201	405 373	340 000	94 564
Recovered (e)	tonnes (sulphur content)	419 942	456 000	461 000	455 000	454 000
Recovered (f)	tonnes (sulphur content)	249 694	...	...	...	...
Talc	tonnes	109 756	118 355	110 150	110 430	121 000
Uranium, mine	tonnes (metal content)	254	254	255	255	251
Zinc, mine	tonnes (metal content)	145 468	147 098	138 014	153 000	203 927
Zinc, slab	tonnes	360 800	370 911	365 767	*370 000	...

Note(s):-

(a) Including tripoli

(b) Washed

(c) Including mica recovered from mica schists and/or kaolin beneficiation

(d) Salt; all forms

(e) From metal sulphide processing

(f) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	191 242	194 869	160 074	259 073	208 414
Alumina hydrate	tonnes	248 779	243 999	240 130	306 990	268 920
Unwrought	tonnes	9 316	7 812	20 419	1 968	2 890
Unwrought alloys	tonnes	127 963	122 911	87 324	78 382	79 183
Scrap	tonnes	5 130	10 971	9 449	19 921	34 991
Antimony						
Metal	tonnes	44	85	6	11	16
Oxide	tonnes	...	370	829	819	701
Asbestos	tonnes	625	19	15	5	126
Barytes	tonnes	64 381	80 981	70 264	18 054	25 431
Bentonite and fuller's earth						
Bentonite	tonnes	12 446	13 398	62 307	61 964	68 216
Sepiolite	tonnes	640 128	614 698	585 893	612 533	603 895
Fuller's earth	tonnes	...	7 490	20 736	11 999	15 790
Bismuth						
Compounds	tonnes	...	...	40	52	43
Metal	tonnes	27	12	12	7	4
Cadmium						
Metal	tonnes	380	263	20	41	10
Chromium						
Ores & concentrates	tonnes	1 126	1 754	1 268	2 057	1 315
Metal	tonnes	584	803	503	1 569	815
Coal						
Anthracite	tonnes	180	5 367	13 214	7 191	13 377
Cobalt						
Metal	tonnes	49	50	1	13	24
Oxides	tonnes	24	17	34	109	39
Copper						
Ore	tonnes	81 981	54 205	59 880	83 383	29 057
Unwrought, unrefined	tonnes	27 228	33 514	27 464	25 461	27 068
Unwrought, refined	tonnes	86 371	106 791	103 469	93 098	57 383
Unwrought alloys	tonnes	3 238	4 714	4 706	7 955	7 502
Scrap	tonnes	39 750	46 328	31 089	48 860	53 947
Diamond						
Gem, cut	carats	£708 000	£874 000	£1 032 000	£1 505 000	£2 760 000
Industrial	carats	£425 000	£351 000	£777 000	£496 000	£241 000
Diatomite	tonnes	2 122	1 577	2 301	2 152	2 243
Feldspar	tonnes	29 809	22 653	29 512	40 915	57 316
Fluorspar	tonnes	19 897	24 998	986	1 152	8 920
Gold						
Metal	kilograms	15 201	36 177	103 927	3 472	4 053
Waste & scrap	kilograms	...	86	1	2 983	36 797
Graphite	tonnes	126	59	36	4 289	13 134
Gypsum						
Crude	tonnes	2 265 735	2 920 179	3 515 903	2 939 001	3 080 386
Calcined	tonnes	203 801	309 283	295 504	415 179	500 097
Iodine	kilograms	...	19 037	41 526	6 938	74 721
Iron ore						
Iron ore	tonnes	975 353	43 224	55 173	36 742	26 227
Burnt pyrites	tonnes	198 896	138 015	55 052	33 256	108 384
Iron, steel and ferro-alloys						
Pig iron	tonnes	1 124	1 098	1 389	1 095	2 065
Sponge & powder	tonnes	----	1 224	2 285	2 236	3 074
Ferro-chrome	tonnes	717	1 028	906	1 151	1 257
Ferro-manganese	tonnes	22 174	36 711	61 866	61 540	42 861
Ferro-silico-manganese	tonnes	54 685	59 398	51 124	45 970	27 949
Ferro-molybdenum	tonnes	(a) ...	36	221	229	362
Ferro-silicon	tonnes	3 278	5 711	6 814	4 411	4 666
Other ferro-alloys	tonnes	603	525	724	536	304
Silicon metal	tonnes	10 781	11 118	8 517	16 580	15 379
Ingots, blooms, billets	tonnes	245 137	316 018	384 502	369 672	376 331
Scrap	tonnes	21 381	43 285	16 745	29 812	52 770
Kaolin	tonnes	137 994	144 343	104 342	103 831	130 290
Lead						
Ore	tonnes	41 501	24 727	41 230	34 760	113 715
Unwrought	tonnes	5 055	767	2 073	6 217	5 842
Scrap	tonnes	1 734	823	1 465	1 073	2 706

## Spain

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Lithium						
Carbonate	tonnes	...	231	14	301	6 754
Magnesite and magnesia						
Magnesite	tonnes	1 385	1 400	397	24 080	23 270
Magnesia	tonnes	132 013	136 560	139 567	153 600	151 712
Manganese						
Ore	tonnes	2 854	1 459	1 414	1 844	3 588
Metal	tonnes	1 563	2 347	2 334	2 924	5 331
Mercury	kilograms	549 000	594 295	312 578	511 305	956 655
Mica	tonnes	1 218	1 028	460	1 745	1 925
Nickel						
Unwrought (b)	tonnes	41	917	2 252	8 013	3 743
Scrap	tonnes	302	512	143	584	190
Phosphates	tonnes	49	1 431	78 253	189	22
Platinum metals						
Platinum & platinum metals	kilograms	...	1 447	5 943	22	4 617
Waste & scrap	kilograms	737	549	184	471	216
Potash						
Sulphate	tonnes	72 249	63 136	74 346	54 473	62 178
Chloride	tonnes	643 490	667 967	427 674	464 464	542 664
Salt	tonnes	896 043	714 877	669 534	732 727	845 033
Silver						
Metal	kilograms	...	360 915	423 041	27 952	369 220
Sulphur and pyrites						
Pyrites	tonnes	26 089	37	51 795	57	25
Sulphur, crude	tonnes	29 533	27 454	43 139	45 887	40 984
Sulphur, refined	tonnes	...	10 618	9 295	12 640	20 960
Sulphur, sublimed & precipitated	tonnes	652	612	366	465	474
Talc	tonnes	39 583	49 945	43 887	55 137	58 247
Tin						
Unwrought (b)	tonnes	95	691	1 544	257	669
Scrap	tonnes	28	654	169	91	94
Titanium						
Metal	tonnes	363	236	350	327	308
Oxides	tonnes	53 695	55 761	51 446	66 156	74 071
Tungsten						
Metal	tonnes	20	108	71	68	185
Zinc						
Ore	tonnes	116 180	136 282	121 884	150 074	232 781
Unwrought	tonnes	183 142	180 175	122 746	142 447	84 575
Unwrought alloys	tonnes	14 997	20 259	25 988	29 440	38 900
Scrap	tonnes	2 251	2 419	1 402	2 785	5 451
Zirconium						
Concentrates	tonnes	3 027	2 033	3 399	5 605	6 951

Note(s):-

(a) Included with 'other ferro-alloys'

(b) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	2 457 173	2 392 221	2 578 888	2 414 176	2 757 733
Alumina	tonnes	27 234	33 325	37 213	39 821	59 544
Alumina hydrate	tonnes	12 678	18 318	18 704	16 295	19 818
Unwrought	tonnes	82 781	125 442	88 719	79 073	90 024
Unwrought alloys	tonnes	44 813	62 882	88 263	141 633	140 965
Scrap	tonnes	41 781	45 697	52 081	54 864	57 095
Antimony						
Metal	tonnes	1 179	1 130	1 510	1 143	1 511
Oxide	tonnes	...	902	1 004	1 041	813
Arsenic						
Metallic arsenic	tonnes	...	73	93	112	153
Asbestos	tonnes	27 030	21 192	21 349	17 847	15 568
Barytes	tonnes	10 429	23 686	25 696	30 691	27 032

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Bentonite and fuller's earth						
Bentonite	tonnes	38 940	54 551	51 248	54 139	59 714
Bismuth						
Metal	tonnes	191	135	250	119	167
Bromine	kilograms	...	194 767	150 000	199 494	226 237
Cadmium						
Metal	tonnes	13	129	91	126	43
Oxide	tonnes	...	...	...	71	22
Chromium						
Ores & concentrates	tonnes	8 696	4 459	3 673	4 750	5 861
Metal	tonnes	299	200	335	219	385
Coal						
Anthracite	tonnes	282 449	159 315	281 363	1 185 524	1 326 932
Other coal	tonnes	11 845 564	11 180 489	14 264 919	18 925 349	20 321 647
Cobalt						
Metal	tonnes	190	163	146	204	287
Oxides	tonnes	540	783	901	1 071	1 223
Copper						
Ore	tonnes	736 576	888 487	935 942	1 003 472	936 207
Unwrought, unrefined	tonnes	13 958	2 533	1 511	7 441	17 557
Unwrought, refined	tonnes	21 226	12 431	29 069	29 186	30 885
Unwrought alloys	tonnes	6 233	10 274	11 596	10 216	9 976
Scrap	tonnes	59 273	67 737	72 145	66 828	81 310
Diamond						
Unsorted	carats	£346 000	£1 141 000	£1 557 000	£2 502 000	£3 264 000
Gem, cut	carats	£14 466 000	£19 806 000	£21 351 000	£27 521 000	£30 064 000
Industrial	carats	£1 454 000	£1 789 000	£2 049 000	£2 923 000	£2 246 000
Diatomite	tonnes	4 218	5 258	5 563	5 706	5 501
Feldspar	tonnes	215 198	229 481	315 236	411 192	552 152
Fluorspar	tonnes	8 762	11 347	16 394	28 859	14 153
Gold						
Metal	kilograms	28 213	139 445	84 963	1 399	22 968
Waste & scrap	kilograms	1 803	1 862	262	528	742
Graphite	tonnes	4 728	7 005	8 016	6 321	8 296
Gypsum						
Crude	tonnes	2 273	...	6 021	121	43 375
Calcined	tonnes	24 968	46 213	48 781	54 677	22 248
Iodine	kilograms	...	589 862	608 324	722 532	1 019 447
Iron ore	tonnes	6 105 975	5 858 327	6 583 581	6 283 186	6 265 454
Iron, steel and ferro-alloys						
Pig iron	tonnes	373 164	255 342	350 118	324 990	387 778
Sponge & powder	tonnes	225 759	342 934	567 763	771 805	860 410
Ferro-chrome	tonnes	146 344	188 775	192 914	218 710	215 228
Ferro-silico-chrome	tonnes	5 718	5 949	5 351	4 151	4 186
Ferro-silico-magnesium	tonnes	(a) ...	4 065	3 527	2 632	2 493
Ferro-manganese	tonnes	18 364	13 967	13 514	20 919	32 615
Ferro-silico-manganese	tonnes	21 563	24 976	25 312	31 338	15 121
Ferro-molybdenum	tonnes	(a) ...	3 260	2 266	2 114	2 186
Ferro-nickel	tonnes	28 043	25 806	32 235	34 987	43 770
Ferro-niobium	tonnes	(a) ...	368	387	220	221
Ferro-phosphorus	tonnes	(a) ...	1 968	1 990	1 649	1 841
Ferro-silicon	tonnes	33 346	42 561	43 300	39 520	39 884
Ferro-titanium & Fe-Si-Ti	tonnes	(a) ...	488	561	745	1 044
Ferro-tungsten & Fe-Si-W	tonnes	(a) ...	57	50	40	86
Ferro-vanadium	tonnes	(a) ...	531	343	563	567
Other ferro-alloys	tonnes	12 661	3 897	11 667	16 719	9 929
Silicon metal	tonnes	3 649	3 655	4 953	3 045	3 328
Ingots, blooms, billets	tonnes	412 996	474 682	438 176	848 086	772 207
Scrap	tonnes	4 479 581	5 249 904	5 998 402	5 677 123	6 127 787
Kaolin	tonnes	434 099	470 225	585 468	2 408 337	797 987
Lead						
Unwrought	tonnes	63 436	81 060	95 983	101 293	106 245
Scrap	tonnes	3 532	9 635	12 394	13 972	8 903
Lithium						
Oxides	tonnes	...	188	238	257	243
Carbonate	tonnes	...	546	421	633	469
Magnesite and magnesite						
Magnesite	tonnes	3 098	7 683	5 548	4 421	6 924
Magnesia	tonnes	82 845	89 628	103 699	95 497	104 268

## Spain

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Manganese						
Ore	tonnes	402 092	275 957	486 951	332 673	420 908
Metal	tonnes	2 054	4 101	5 147	4 227	6 913
Mercury	kilograms	299 000	148 980	224 706	132 400	143 032
Mica	tonnes	1 880	2 314	2 351	2 129	1 287
Molybdenum						
Ores & concentrates	tonnes	2 489	3 238	3 129	3 050	3 578
Metal	tonnes	52	119	81	50	45
Nickel						
Mattes, sinters etc.	tonnes	86	584	43	22	42
Unwrought (b)	tonnes	10 796	21 567	18 222	25 979	20 849
Oxides	tonnes	86	122	149	213	231
Crude petroleum	tonnes	51 955 000	53 471 773	59 116 315	52 380 984	57 954 412
Phosphates	tonnes	2 107 936	2 207 570	2 105 369	2 210 185	1 862 774
Platinum metals						
Platinum & platinum metals	kilograms	...	15 629	15 986	2 902	4 186
Waste & scrap	kilograms	130	104	62	250	2 742
Potash						
Sulphate	tonnes	8 146	14 812	20 244	23 631	21 804
Chloride	tonnes	348 434	337 638	414 794	333 473	313 204
Other potassic fertilisers	tonnes	762	1 329	1 072	8 525	5 378
Rare earths						
Rare earth compounds	tonnes	...	370	385	407	456
Ferro-cerium & other pyrophoric alloys	tonnes	...	59	...	40	27
Metals	tonnes	...	14	7	34	14
Salt	tonnes	21 906	25 460	37 542	60 771	44 723
Sillimanite	tonnes	...	14 865	17 956	16 687	20 724
Silver						
Ores & concentrates	kilograms	28 512	28 165	33 340	35 452	31 406
Metal	kilograms	...	702 290	813 653	187 098	941 883
Sulphur and pyrites						
Sulphur, crude	tonnes	62 222	54 908	41 258	39 836	174 499
Sulphur, refined	tonnes	...	9 504	4 359	1 654	8 261
Sulphur, sublimed & precipitated	tonnes	271	261	167	186	209
Talc	tonnes	38 162	43 173	49 177	60 767	60 728
Tin						
Concentrates	tonnes	66	15	2	358	436
Unwrought	tonnes	24 354	4 429	4 109	3 458	4 875
Unwrought alloys	tonnes	1 516	719	497	435	600
Scrap	tonnes	81	97	42	47	2 242
Titanium						
Ilmenite	tonnes	138 171	155 093	122 165	129 460	170 723
Other titanium minerals	tonnes	...	1 706	2 181	1 958	2 020
Metal	tonnes	1 465	1 583	1 957	2 301	1 498
Oxides	tonnes	63 339	76 095	79 856	73 963	87 837
Tungsten						
Metal	tonnes	99	45	52	51	556
Vanadium						
Vanadiferous residues	tonnes	...	122	181	...	----
Zinc						
Ore	tonnes	521 113	516 042	509 558	599 672	562 965
Unwrought	tonnes	2 366	3 815	822	2 082	2 507
Unwrought alloys	tonnes	9 487	9 688	10 497	12 907	9 059
Scrap	tonnes	319	2 576	2 446	2 536	3 314
Zirconium						
Concentrates	tonnes	83 582	104 929	98 066	108 668	115 108
Metal	tonnes	133	164	170	114	232

Note(s):-

(a) Included with 'other ferro-alloys'

(b) Including alloys



# Sweden

## Production

Commodity	Units	1996	1997	1998	1999	2000
Primary aluminium	tonnes	98 974	98 798	96 098	99 340	101 086
Copper, mine	tonnes (metal content)	71 659	86 610	73 685	71 160	77 765
Copper, smelter	tonnes	92 600	93 493	81 642	76 023	105 033
Copper, refined	tonnes	126 379	128 414	125 355	113 960	133 118
Feldspar	tonnes	43 167	42 308	34 363	...	...
Gold, mine	kilograms (metal content)	6 145	6 777	5 944	4 202	3 570
Graphite	tonnes	500	1 581	3 277	4 504	5 602
Iron ore	tonnes	21 288 000	21 893 000	20 930 000	18 853 000	20 557 000
Pig iron	tonnes	3 129 500	3 060 100	3 149 000	3 212 200	3 054 700
Crude steel	tonnes	4 909 600	5 147 700	5 153 100	5 067 200	5 228 600
Ferro-alloys						
Ferro-chrome	tonnes	138 110	101 195	115 534	128 269	106 399
Ferro-silicon	tonnes	21 287	22 410	20 356	21 440	18 948
Lead, mine	tonnes (metal content)	98 812	108 624	114 430	116 393	106 584
Lead, refined	tonnes	84 494	89 350	91 631	83 927	82 375
Selenium metal	tonnes	20	*20	*20	*20	*20
Silver, mine	kilograms (metal content)	271 866	304 048	299 051	341 584	328 737
Sulphur and pyrites						
Recovered (a)	tonnes (sulphur content)	67 000	71 000	73 000	65 000	*95 000
Recovered (b)	tonnes (sulphur content)	53 104	63 408	57 551	56 989	58 521
Sulphur ore	tonnes (sulphur content)	49 982	57 773	...	...	...
Talc	tonnes	25 000	25 000	24 000	19 000	20 000
Zinc, mine	tonnes (metal content)	160 133	155 385	164 711	174 448	176 788

Note(s):-

(a) From metal sulphide processing

(b) From petroleum refining and/or natural gas

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought	tonnes	993	1 309	800	1 286	8 982
Unwrought alloys	tonnes	69 671	65 134	46 831	63 531	44 335
Scrap	tonnes	53 979	44 156	49 202	42 182	66 697
Antimony						
Metal	tonnes	10	2	25	0	4
Bentonite and fuller's earth						
Bentonite	tonnes	5 522	4 459	4 706	5 482	6 917
Bismuth						
Metal	tonnes	...	6	----	24	25
Cadmium						
Oxide	tonnes	...	...	15	87	96
Cobalt						
Metal	tonnes	181	103	144	260	234
Oxides	tonnes	396	251	314	295	257
Copper						
Ore	tonnes	42 150	60 147	15 783	29 437	28 758
Matte & cement	tonnes	...	6 108	7 053	...	3 853
Unwrought, refined	tonnes	26 625	18 637	19 739	13 290	12 232
Unwrought alloys	tonnes	5 951	11 375	8 841	7 924	8 712
Scrap	tonnes	17 996	18 112	14 254	18 448	31 160
Diamond						
Gem, cut	carats	£20 000	£200 000	£60 000	£125 000	£27 000
Diatomite	tonnes	1 343	1 223	1 266	1 339	1 682
Feldspar	tonnes	24 731	16 385	14 531	23 574	20 164
Fluorspar	tonnes	2 320	2 102	4 400	5 967	6 451
Gold						
Metal	kilograms	12 724	4 000	1 000	16 907	4 000
Waste & scrap	kilograms	3 519	1 000	...	14 000	6 000
Graphite	tonnes	103	515	2 311	3 262	4 042
Gypsum						
Crude & calcined	tonnes	376	563	885	3 039	5 239

## Sweden

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Iodine	kilograms	...	...	----	1 000	5 000
Iron ore	tonnes	15 172 628	17 571 842	14 631 068	13 819 605	16 323 925
Iron, steel and ferro-alloys						
Pig iron	tonnes	64 296	29 850	14 528	2 443	27 611
Sponge & powder	tonnes	1 432	14 626	15 196	11 601	13 929
Ferro-chrome	tonnes	*85 000	*80 000	76 912	...	...
Ferro-silico-magnesium	tonnes	(a) ...	281	786	5 358	2 636
Ferro-manganese & Fe-Si-Mn	tonnes	2 285	2 225	1 906	1 413	1 050
Ferro-molybdenum	tonnes	(a) ...	103	134	80	134
Ferro-phosphorus	tonnes	(a) ...	579	474	602	565
Ferro-silicon	tonnes	1 914	1 602	2 756	602	564
Ferro-vanadium	tonnes	(a) ...	157	115	27	30
Other ferro-alloys	tonnes	1 486	393	1 815	165	458
Silicon metal	tonnes	...	...	9	565	475
Ingots, blooms, billets	tonnes	105 434	149 382	267 585	121 611	92 258
Scrap	tonnes	283 990	323 068	357 589	399 749	473 534
Kaolin	tonnes	13 753	25 476	35 697	13 507	11 491
Lead						
Ore	tonnes	79 738	75 552	114 854	124 500	127 922
Unwrought	tonnes	51 892	51 227	57 865	57 377	67 565
Scrap	tonnes	420	151	680	221	73
Manganese						
Ore	tonnes	...	...	...	12 575	12 524
Metal	tonnes	...	145	115	105	116
Mercury	kilograms	1 000	...	2 000	1 000	----
Mica	tonnes	112	113	983	60	87
Nickel						
Unwrought (b)	tonnes	245	93	103	301	1 040
Scrap	tonnes	248	198	166	532	696
Platinum metals						
Platinum & platinum metals	kilograms	£644 000	£700 000	£1 300 000	£1 939 000	£897 000
Potash						
Sulphate	tonnes	137 876	110 894	92 095	78 326	78 362
Salt	tonnes	1 774	1 884	1 989	1 829	8 420
Silver						
Metal	kilograms	...	260 000	282 000	308 000	315 000
Sulphur and pyrites						
Sulphur	tonnes	568	14 857	3 938	934	2 056
Sulphur, sublimed & precipitated	tonnes	...	85	85	73	----
Talc	tonnes	23 077	24 243	18 351	17 964	10 884
Tin						
Unwrought (b)	tonnes	207	260	361	282	390
Scrap	tonnes	173	115	415	462	305
Titanium						
Metal	tonnes	998	805	1 392	1 182	1 295
Oxides	tonnes	7 478	6 013	7 150	7 983	8 401
Tungsten						
Metal	tonnes	31	134	53	50	14
Carbide	tonnes	...	255	...	227	444
Zinc						
Ore	tonnes	315 030	292 797	293 053	329 282	341 193
Unwrought (b)	tonnes	158	4 193	3 172	710	609
Scrap	tonnes	6 524	5 580	6 224	27 393	20 396

Note(s):-

(a) Included with 'other ferro-alloys'

(b) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
<b>Aluminium and bauxite</b>						
Bauxite	tonnes	46 890	32 526	28 222	27 707	13 219
Alumina	tonnes	178 839	184 706	128 180	89 286	154 467
Alumina hydrate	tonnes	*50 000	*50 000	*50 000	46 797	62 269
Unwrought	tonnes	44 818	54 652	66 469	32 565	32 542
Unwrought alloys	tonnes	60 705	62 415	71 998	72 028	76 515
Scrap	tonnes	6 167	6 721	7 525	10 782	20 548
<b>Antimony</b>						
Metal	tonnes	19	75	81	60	26
Oxide	tonnes	...	543	409	453	396
<b>Arsenic</b>						
Metallic arsenic	tonnes	...	13	15	20	20
Asbestos	tonnes	158	----	----	----	0
Barytes	tonnes	2 668	4 155	4 212	2 433	2 149
<b>Bentonite and fuller's earth</b>						
Bentonite	tonnes	110 649	90 429	146 144	118 387	62 250
<b>Bismuth</b>						
Metal	tonnes	11	34	11	39	41
Bromine	kilograms	...	...	5 000	2 000	6 000
<b>Cadmium</b>						
Metal	tonnes	263	265	248	284	26
Oxide	tonnes	...	...	...	26	20
<b>Chromium</b>						
Ores & concentrates	tonnes	295 500	290 000	319 000	*320 000	...
Metal	tonnes	486	557	629	1 459	888
<b>Coal</b>						
Anthracite	tonnes	95 962	42 372	25 942	12 775	13 939
Other coal	tonnes	3 139 894	2 972 087	3 012 878	2 919 133	2 974 052
<b>Cobalt</b>						
Metal	tonnes	816	669	1 004	680	764
<b>Copper</b>						
Ore	tonnes	85 258	67 018	53 966	67 539	152 426
Unwrought, unrefined	tonnes	1 412	1 428	9 151	8 356	55
Unwrought, refined	tonnes	43 888	47 673	61 531	76 899	82 430
Unwrought alloys	tonnes	4 914	4 926	4 471	5 443	3 968
Scrap	tonnes	29 025	32 096	41 339	35 529	34 120
<b>Diamond</b>						
Unsorted	carats	£43 000	£272 000	£546 000	£605 000	£687 000
Gem, cut	carats	£2 800 000	£2 715 000	£2 478 000	£2 482 000	£3 002 000
Industrial	carats	£57 000	£27 000	£77 000	£75 000	£227 000
Dust	carats	...	...	£4 263 000	£4 338 000	£4 797 000
Diatomite	tonnes	5 130	4 885	5 138	4 998	5 964
Feldspar	tonnes	10 017	6 820	7 643	6 392	7 194
Fluorspar	tonnes	16 082	7 968	15 972	12 381	9 386
<b>Gold</b>						
Metal	kilograms	£10 503 000	£6 525 000	£4 407 000	£3 632 000	£10 355 000
Waste & scrap	kilograms	£22 000	£30 000	£1 000	...	£76 000
Graphite	tonnes	496	578	489	707	1 062
<b>Gypsum</b>						
Crude	tonnes	213 335	185 952	321 316	214 236	296 067
Calcined	tonnes	109 118	92 476	57 108	137 657	59 347
Iodine	kilograms	...	2 000	10 000	2 000	3 000
<b>Iron ore</b>						
Iron ore	tonnes	144 669	102 638	69 083	68 929	94 483
Burnt pyrites	tonnes	5 651	10 694	22 613	48 357	17 442

## Sweden

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
<b>Iron, steel and ferro-alloys</b>						
Pig iron	tonnes	39 062	31 011	59 364	54 919	100 988
Sponge & powder	tonnes	4 239	5 357	7 650	7 604	12 168
Ferro-chrome	tonnes	64 878	71 078	76 916	80 231	85 046
Ferro-silico-chrome	tonnes	2 397	2 334	3 458	2 642	5 244
Ferro-silico-magnesium	tonnes	(a) ...	1 270	1 919	7 377	3 977
Ferro-manganese	tonnes	24 501	22 952	28 899	31 463	29 280
Ferro-silico-manganese	tonnes	18 163	16 127	19 347	20 701	28 840
Ferro-molybdenum	tonnes	(a) ...	2 508	4 013	3 354	3 269
Ferro-nickel	tonnes	16 657	17 979	15 090	5 195	12 756
Ferro-niobium	tonnes	(a) ...	376	611	595	671
Ferro-phosphorus	tonnes	(a) ...	991	969	987	1 114
Ferro-silicon	tonnes	30 978	31 064	36 840	31 381	35 802
Ferro-titanium & Fe-Si-Ti	tonnes	(a) ...	1 813	2 264	2 285	2 340
Ferro-tungsten & Fe-Si-W	tonnes	(a) ...	722	601	402	510
Ferro-vanadium	tonnes	(a) ...	1 070	1 575	1 487	1 209
Other ferro-alloys	tonnes	9 555	1 415	4 947	2 729	2 257
Silicon metal	tonnes	2 487	2 101	2 413	3 808	4 416
Ingots, blooms, billets	tonnes	335 334	393 046	305 002	389 416	477 366
Scrap	tonnes	333 059	492 324	612 175	454 865	490 184
Kaolin	tonnes	342 964	386 758	371 589	402 204	548 460
<b>Lead</b>						
Unwrought	tonnes	9 368	2 433	5 902	5 208	6 940
Scrap	tonnes	11 153	4 717	1 857	3 055	2 152
<b>Lithium</b>						
Oxides	tonnes	...	54	156	160	126
Carbonate	tonnes	...	280	103	208	126
<b>Magnesite and magnesia</b>						
Magnesite	tonnes	145	52	52	169	175
Magnesia	tonnes	32 622	24 478	37 095	39 854	34 884
<b>Manganese</b>						
Ore	tonnes	172	93	1 735	3 071	6 298
Metal	tonnes	2 299	2 669	3 257	8 059	8 164
Mercury	kilograms	26 000	38 000	15 000	17 000	1 000
Mica	tonnes	723	862	963	475	713
<b>Molybdenum</b>						
Ores & concentrates	tonnes	5 504	7 451	6 271	5 173	5 742
Metal	tonnes	121	1 168	186	205	208
Oxides	tonnes	...	371	448	626	784
<b>Nickel</b>						
Mattes, sinters etc.	tonnes	5 442	4 372	6 289	5 700	5 756
Unwrought	tonnes	14 387	14 113	20 039	21 667	28 583
Unwrought alloys	tonnes	749	661	1 546	1 185	687
Scrap	tonnes	24 811	21 064	17 967	9 570	12 901
Crude petroleum	tonnes	21 342 000	21 005 871	20 264 108	18 787 590	20 723 480
Phosphates	tonnes	61 024	55 138	74 048	73 942	67 416
<b>Platinum metals</b>						
Platinum & platinum metals	kilograms	£6 864 000	£5 094 000	£7 553 000	£5 721 000	£5 196 000
Waste & scrap	kilograms	...	...	...	7 000	6 000
<b>Potash</b>						
Sulphate	tonnes	...	...	...	20 071	5 380
Chloride	tonnes	7 479	11 808	10 825	65 185	87 518
Other potassic fertilisers	tonnes	4 589	4 747	4 676	4 678	5 150
<b>Rare earths</b>						
Metals	tonnes	...	31	61	18	18
Salt	tonnes	1 095 521	808 890	947 996	1 072 731	910 232
Sillimanite	tonnes	...	7 557	7 363	4 334	11 519
<b>Silver</b>						
Metal	kilograms	...	145 000	176 000	239 000	148 000
<b>Sulphur and pyrites</b>						
Pyrites	tonnes	293	346	3 526	376	389
Sulphur	tonnes	90 214	96 511	91 838	92 577	70 113
Sulphur, sublimed & precipitated	tonnes	1 074	2 323	1 855	2 224	5 600
Talc	tonnes	24 718	25 309	30 967	31 823	42 571
<b>Tin</b>						
Unwrought	tonnes	495	549	663	634	807
Unwrought alloys	tonnes	62	276	308	271	358
Scrap	tonnes	93	112	164	95	62

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Titanium						
Titanium minerals	tonnes	658	422	700	548	225
Metal	tonnes	401	367	585	1 540	1 604
Oxides	tonnes	33 705	36 856	35 384	39 550	40 747
Tungsten						
Metal	tonnes	388	393	338	461	356
Carbide	tonnes	...	839	...	933	1 036
Vanadium						
Metal	tonnes	71	58	96	59	49
Zinc						
Unwrought	tonnes	32 029	30 943	37 829	28 570	22 536
Unwrought alloys	tonnes	7 587	6 440	8 804	8 869	11 313
Zirconium						
Concentrates	tonnes	788	369	506	648	602
Metal	tonnes	...	...	...	122	91

Note(s):-

(a) Included with 'other ferro-alloys'

## Switzerland

### Production

Commodity	Units	1996	1997	1998	1999	2000
Primary aluminium	tonnes	26 594	27 339	32 106	34 439	35 500
Gypsum	tonnes	*300 000	*300 000	*300 000	*300 000	*300 000
Pig iron	tonnes	*100 000	*100 000	*80 000	*80 000	*80 000
Crude steel	tonnes	700 000	789 000	800 000	800 000	...
Lead, refined	tonnes	7 550	8 870	8 572	9 173	10 085
Salt	tonnes	530 000	430 000	374 000	541 000	451 000

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Unwrought (a)	tonnes	8 473	8 945	8 388	11 581	15 691
Scrap	tonnes	69 525	75 180	78 889	86 476	88 590
Chromium						
Metal	tonnes	21	41	34	298	27
Cobalt						
Metal	tonnes	124	183	118	94	85
Copper						
Unwrought	tonnes	4 846	6 242	6 556	5 791	4 313
Scrap	tonnes	43 626	53 012	42 885	50 650	61 756
Diamond						
Unsorted	carats	75 000	60 000	65 000	80 000	30 000
Gem, rough	carats	3 555 000	2 440 000	1 005 000	1 860 000	1 520 000
Gem, cut	carats	1 380 000	1 070 000	300 000	400 000	720 000
Industrial	carats	13 000	375 000	1 415 000	815 000	320 000
Dust	carats	60 770 000	72 285 000	76 720 000	82 420 000	80 145 000
Gold						
Metal	kilograms	1 191 879	1 677 130	1 541 530	1 225 858	1 266 758
Waste & scrap	kilograms	52 375	44 849	63 818	60 162	43 817
Gypsum						
Crude	tonnes	17 998	16 816	14 930	25 593	24 560
Calcined	tonnes	1 844	2 081	4 301	5 328	2 830
Iron, steel and ferro-alloys						
Silicon metal	tonnes	1 114	14 206	10 533	4	3
Scrap	tonnes	341 784	432 876	377 433	346 356	401 561
Lead						
Unwrought	tonnes	5 344	6 100	3 155	2 849	5 730
Scrap	tonnes	9 400	7 002	6 607	6 032	4 883
Lithium						
Oxides	tonnes	...	33	117	63	9
Mercury	kilograms	3 507	6 908	21 679	41 153	60 114
Nickel						
Unwrought (a)	tonnes	128	120	50	469	103
Scrap	tonnes	356	661	445	606	917
Phosphates	tonnes	9 704	9	4 289	-----	-----
Platinum metals						
Platinum	kilograms	44 663	63 863	73 859	66 473	61 609
Palladium	kilograms	20 537	81 953	67 180	108 573	100 220
Other platinum metals	kilograms	430	533	438	364	257
Waste & scrap	kilograms	5 408	32 302	19 367	17 305	57 207
Salt	tonnes	73 243	38 160	35 844	22 002	15 388
Silver						
Metal	kilograms	3 025 378	2 440 242	3 124 694	2 028 365	2 480 600
Sulphur and pyrites						
Sulphur	tonnes	1 314	3 860	45	202	-----
Talc	tonnes	577	870	721	606	1 048
Tin						
Unwrought (a)	tonnes	153	105	80	95	64
Scrap	tonnes	69	171	127	136	97
Titanium						
Metal	tonnes	317	233	311	305	332
Oxides	tonnes	621	567	443	385	1 723

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Tungsten						
Metal	tonnes	54	137	171	206	154
Zinc						
Unwrought (a)	tonnes	166	513	212	1 142	546
Scrap	tonnes	2 127	2 026	2 894	4 030	3 832

Note(s):-

(a) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	53 661	50 046	65 504	68 026	72 695
Alumina hydrate	tonnes	15 431	16 757	18 600	19 868	20 916
Unwrought	tonnes	87 994	108 871	94 919	76 248	67 842
Unwrought alloys	tonnes	29 412	34 683	46 314	47 401	68 454
Scrap	tonnes	11 434	13 034	17 098	14 142	18 745
Antimony						
Ores & concentrates	tonnes	3 092	1 416	283	22	121
Metal	tonnes	35	0	27	52	25
Oxide	tonnes	414	677	681	786	969
Arsenic						
Metallic arsenic	tonnes	6	2	8	3	3
Barytes	tonnes	1 961	3 663	4 520	2 051	2 090
Bentonite and fuller's earth						
Bentonite	tonnes	20 541	21 245	22 075	25 054	26 275
Fuller's earth	tonnes	2 328	2 187	1 737	2 121	1 802
Bismuth						
Metal	tonnes	10	10	13	10	27
Cadmium						
Metal	tonnes	9	13	8	8	13
Chromium						
Ores & concentrates	tonnes	1 165	1 117	1 233	1 380	1 483
Metal	tonnes	113	155	127	123	135
Coal						
Anthracite	tonnes	8 132	7 342	10 199	13 139	14 357
Other coal	tonnes	122 822	73 154	58 467	48 021	236 123
Cobalt						
Metal	tonnes	275	353	353	316	380
Copper						
Unwrought	tonnes	6 223	7 770	7 902	7 641	7 604
Unwrought alloys	tonnes	1 112	1 319	1 482	1 980	3 588
Scrap	tonnes	14 493	19 055	24 314	19 472	16 675
Diamond						
Unsorted	carats	365 000	10 000	10 000	15 000	30 000
Gem, rough	carats	4 270 000	4 170 000	4 535 000	3 515 000	4 435 000
Gem, cut	carats	420 000	375 000	420 000	485 000	585 000
Industrial	carats	475 000	575 000	365 000	575 000	930 000
Dust	carats	67 550 000	107 225 000	94 210 000	90 615 000	83 965 000
Diatomite	tonnes	4 084	3 669	3 764	3 757	3 869
Feldspar	tonnes	9 101	6 248	5 696	5 281	4 550
Fluorspar	tonnes	222	325	554	775	664
Gold						
Metal	kilograms	1 285 661	1 592 971	1 551 295	1 402 778	1 280 545
Waste & scrap	kilograms	101 740	117 973	182 026	28 426	42 648
Graphite	tonnes	440	674	523	748	445
Gypsum						
Crude	tonnes	46 420	57 448	65 623	60 400	67 960
Calcined	tonnes	62 421	67 896	71 705	69 844	71 517
Iodine	kilograms	65 784	62 428	8 784	3 585	18 949
Iron ore (a)	tonnes	18 579	14 720	14 373	13 222	15 001

## Switzerland

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Iron, steel and ferro-alloys						
Pig iron	tonnes	30 921	22 268	36 101	27 870	30 806
Sponge & powder	tonnes	4 855	6 381	8 038	9 033	9 073
Ferro-aluminium	tonnes	1 860	333	28	1	4
Ferro-chrome	tonnes	522	732	1 012	913	1 412
Ferro-manganese	tonnes	3 617	5 518	3 824	3 302	5 927
Ferro-silico-manganese	tonnes	3 830	4 413	5 615	5 145	5 786
Ferro-silicon	tonnes	4 702	5 850	6 042	5 741	5 944
Other ferro-alloys	tonnes	947	1 185	1 276	1 153	1 971
Silicon metal	tonnes	1 397	16 579	12 023	1 120	696
Ingots, blooms, billets	tonnes	59 664	93 321	90 596	52 522	69 174
Scrap	tonnes	76 086	165 862	217 924	208 365	239 387
Kaolin	tonnes	74 682	56 975	59 144	46 985	45 273
Lead						
Unwrought	tonnes	5 726	6 966	4 468	6 237	6 976
Magnesite and magnesia						
Magnesite	tonnes	619	289	1 114	306	547
Magnesia	tonnes	3 606	4 001	3 867	3 538	4 278
Manganese						
Metal	tonnes	633	627	483	480	553
Mercury	kilograms	13 185	28 231	11 333	7 895	27 379
Mica	tonnes	286	307	476	665	297
Molybdenum						
Metal	tonnes	52	28	37	25	30
Nickel						
Unwrought (b)	tonnes	1 055	964	1 596	1 068	1 511
Scrap	tonnes	403	401	234	161	122
Crude petroleum	tonnes	5 290 311	4 832 714	5 015 516	5 034 861	4 578 217
Platinum metals						
Platinum	kilograms	27 977	56 369	61 421	32 678	59 331
Palladium	kilograms	38 047	65 435	78 486	93 200	87 714
Other platinum metals	kilograms	545	429	384	285	521
Waste & scrap	kilograms	2 815	5 957	5 628	9 801	34 405
Potash						
Sulphate	tonnes	3 152	2 365	2 240	3 767	2 844
Chloride	tonnes	19 193	18 607	18 616	17 748	21 100
Other potassic fertilisers	tonnes	4 997	5 052	2 988	3 204	2 738
Salt	tonnes	4 000	4 685	5 114	16 756	9 040
Sillimanite	tonnes	452	352	440	366	456
Silver						
Metal	kilograms	3 714 520	1 836 921	1 569 782	1 972 530	2 748 848
Sulphur and pyrites						
Pyrites	tonnes	214	275	301	304	220
Sulphur	tonnes	38 563	39 107	40 601	39 081	40 195
Sulphur, sublimed & precipitated	tonnes	75	73	52	46	67
Talc	tonnes	13 263	14 284	14 183	15 836	15 159
Tin						
Unwrought (b)	tonnes	636	851	864	814	824
Titanium						
Metal	tonnes	443	481	521	391	503
Oxides	tonnes	18 452	19 861	19 737	19 090	21 423
Tungsten						
Metal	tonnes	120	146	112	122	113
Zinc						
Unwrought	tonnes	17 091	19 098	20 126	19 243	16 257
Unwrought alloys	tonnes	2 770	2 215	3 065	3 106	3 758
Zirconium						
Metal	tonnes	60	96	61	94	45

Note(s):-

(a) Including burnt pyrites

(b) Including alloys



# Turkey

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bauxite	tonnes	544 513	369 482	458 028	207 743	458 537
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	159 298	164 333	156 825	159 122	155 448
Primary aluminium	tonnes	62 100	62 020	61 803	61 705	61 501
Antimony, mine	tonnes (metal content)	175	19	*20	*20	*20
Barytes	tonnes	104 872	226 594	160 042	150 058	120 883
Bentonite and fuller's earth						
Bentonite	tonnes	482 057	521 158	565 708	899 614	636 273
Sepiolite	tonnes	4 051	11 277	7 213	19 945	18 295
Borates	tonnes	1 446 697	1 568 571	*1 650 000	*1 400 000	*1 400 000
Cadmium	tonnes	42	89	69	64	-----
Chromium ores and concentrates	tonnes	1 279 032	1 702 633	1 404 470	1 014 544	545 725
Coal						
Anthracite	tonnes	3 581 788	3 645 896	3 336 021	2 738 040	3 330 355
Bituminous	tonnes	126 751	117 310	157 334	93 310	110 945
Lignite	tonnes	57 532 425	56 779 793	66 583 499	66 706 450	61 314 974
Copper, mine	tonnes (metal content)	52 200	64 600	73 900	73 051	76 053
Copper, smelter	tonnes	21 100	23 100	23 900	32 900	29 000
Copper, refined	tonnes	100 712	114 600	91 900	60 500	67 100
Diatomite	tonnes	...	1 000	3 643	5 926	...
Feldspar	tonnes	912 204	1 011 542	1 089 483	1 369 655	1 147 716
Fluorspar	tonnes	4 828	3 903	5 034	4 812	4 113
Gold, mine	kilograms (metal content)	*1 200	*1 000	*1 000	*1 200	*1 200
Graphite	tonnes	*20 000	*15 000	*15 000	*15 000	*15 000
Gypsum	tonnes	754 277	413 802	351 557	242 960	302 552
Iron ore	tonnes	6 279 951	5 986 900	5 885 429	4 869 032	4 076 257
Pig iron	tonnes	5 253 000	5 565 000	5 286 000	5 181 000	5 300 000
Crude steel	tonnes	13 382 221	13 644 093	13 165 724	13 806 898	13 571 563
Ferro-alloys						
Ferro-chrome	tonnes	101 450	108 320	110 175	123 905	97 240
Ferro-silico-chrome	tonnes	...	6 953	6 530	6 340	7 050
Ferro-silicon	tonnes	4 460	4 730	4 810	620	-----
Kaolin	tonnes	449 559	472 646	403 733	449 954	595 415
Lead, mine	tonnes (metal content)	11 736	13 113	14 603	14 225	17 270
Lead, refined	tonnes	12 000	9 000	8 800	9 000	*9 000
Magnesite	tonnes	2 341 922	2 063 975	2 703 720	1 724 744	2 672 089
Manganese ore	tonnes	37 500	31 160	53 283	29 000	23 300
Perlite	tonnes	157 580	103 416	124 312	147 818	149 426
Crude petroleum	tonnes	3 499 635	3 454 021	3 226 873	2 938 479	2 747 630
Natural gas	million m <sup>3</sup>	204	199	202	...	493
Salt						
Rock salt	tonnes	55 924	85 743	93 931	89 377	84 080
Sea salt	tonnes	519 866	532 003	438 864	618 856	592 283
Other salt	tonnes	1 403 624	1 726 253	1 636 831	1 437 894	1 450 008
Silver, mine	kilograms (metal content)	71 000	90 000	87 000	*90 000	*90 000
Strontium minerals	tonnes	*30 000	*30 000	*30 000	*25 000	*25 000
Sulphur and pyrites						
Pyrites	tonnes (sulphur content)	126 000	63 000	...	91 000	45 000
Recovered (a) (b)	tonnes (sulphur content)	76 000	137 000	145 000	122 000	118 000
Talc						
Talc	tonnes	*4 000	*4 000	*5 000	*5 000	*5 000
Pyrophyllite	tonnes	...	38 000	37 000	48 358	54 278
Zinc, mine	tonnes (metal content)	68 000	63 800	57 700	57 000	48 000
Zinc, slab	tonnes	23 700	37 458	35 800	27 000	-----

Note(s):-

(a) From petroleum refining and/or natural gas

(b) Other

## Exports

Commodity	Units	1996	1997	1998	1999	2000
<b>Aluminium and bauxite</b>						
Alumina	tonnes	36 986	41 706	27 187	22 903	17 613
Unwrought (a)	tonnes	15 357	1 433	24 308	24 525	10 319
Scrap	tonnes	6 245	10 339	8 593	10 504	12 992
<b>Antimony</b>						
Metal	tonnes	4	2	540	412	84
Barytes	tonnes	121 124	125 412	123 974	57 558	89 145
<b>Bentonite and fuller's earth</b>						
Bentonite	tonnes	68 124	61 999	90 182	104 425	123 858
<b>Chromium</b>						
Ores & concentrates	tonnes	374 213	623 914	537 652	569 083	467 010
Metal	tonnes	73	34	36	50	91
<b>Copper</b>						
Ore	tonnes	121 985	180 669	154 149	194 300	190 007
Matte & cement	tonnes	...	...	4 569	7 179	2 235
Unwrought	tonnes	10 018	8 139	7 630	17 704	5 899
Feldspar	tonnes	738 156	950 140	1 283 211	1 799 854	2 114 432
<b>Gypsum</b>						
Crude & calcined	tonnes	18 090	32 755	36 608	45 319	92 533
<b>Iron, steel and ferro-alloys</b>						
Pig iron	tonnes	89 767	148 786	18 259	77 804	94 231
Ferro-chrome	tonnes	93 852	94 360	86 457	136 643	68 597
Other ferro-alloys	tonnes	849	436	825	3 902	742
Ingots, blooms, billets	tonnes	1 094 825	1 332 505	796 778	658 024	1 262 574
Scrap	tonnes	21 048	22 309	28 144	29 303	28 583
Kaolin	tonnes	190 761	158 642	185 431	262 211	272 128
<b>Lead</b>						
Ore (b)	tonnes	7 220	9 856	10 135	12 836	20 915
<b>Magnesite and magnesia</b>						
Magnesite	tonnes	37 206	27 115	39 135	36 089	28 266
Magnesia	tonnes	124 944	165 794	173 115	188 931	207 486
<b>Manganese</b>						
Metal	tonnes	----	5	25	107	3
Mica	tonnes	95	365	575	308	296
<b>Rare earths</b>						
Ferro-cerium & other pyrophoric alloys	tonnes	32	78	184	54	...
Salt	tonnes	10 706	13 061	17 674	20 778	36 334
<b>Silver</b>						
Metal	kilograms	401	...	647	352	45
<b>Sulphur and pyrites</b>						
Sulphur, sublimed & precipitated	tonnes	294	2 072	2 673	1 108	434
Talc	tonnes	87	165	208	122	56
<b>Tantalum and niobium</b>						
Tantalum	tonnes	3	20	12	15	1
<b>Titanium</b>						
Metal	tonnes	28	62	788	295	245
<b>Zinc</b>						
Ores & concentrates	tonnes	85 914	96 167	101 840	100 503	128 187
Unwrought	tonnes	3 309	15 511	15 702	4 838	49

Note(s):-

(a) Including alloys

(b) Complex lead-zinc ore

## Imports

Commodity	Units	1996	1997	1998	1999	2000
<b>Aluminium and bauxite</b>						
Bauxite	tonnes	34 837	25 680	24 844	25 247	35 758
Alumina	tonnes	9 952	13 906	9 425	11 517	13 688
Unwrought	tonnes	47 017	60 568	69 474	61 775	92 299
Unwrought alloys	tonnes	53 979	81 767	73 704	71 072	80 861
Scrap	tonnes	10 430	34 681	24 398	22 517	28 263
<b>Antimony</b>						
Metal	tonnes	90	120	55	30	11
Oxide	tonnes	...	...	...	244	241

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Arsenic						
White arsenic	tonnes	79	403	...	1	1
Asbestos	tonnes	26 863	33 725	22 674	15 494	19 455
Barytes	tonnes	457	912	2 069	515	626
Bromine	kilograms	46 817	...	...	69 172	69 811
Cadmium						
Metal	tonnes	2	8	20	5	8
Oxide	tonnes	...	...	...	28	46
Chromium						
Ores & concentrates	tonnes	5 080	819	19 497	48 285	69 470
Coal						
Hard coal (a)	tonnes	7 853 373	9 600 283	8 447 808	6 515 726	13 173 182
Cobalt						
Metal	tonnes	83	70	60	58	75
Oxides	tonnes	46	80	53	59	59
Copper						
Ore	tonnes	9 728	35 951	8 219	18 369	56 968
Unwrought	tonnes	79 546	112 331	135 874	148 212	196 414
Scrap	tonnes	20 536	17 443	7 358	14 822	21 744
Diamond						
Unsorted	carats	...	...	...	70 970	974 245
Gem	carats	3 068 452	7 627 692	833 102	618 000	4 873 050
Industrial	carats	111 921	1 111 596	28 783	198 545	463 625
Dust	carats	9 030 000	7 244 305	...	3 878 635	4 908 115
Diatomite	tonnes	1 308	893	880	880	1 183
Feldspar	tonnes	10 107	7 546	18 100	633	18 840
Fluorspar	tonnes	7 025	12 219	8 141	9 472	19 263
Gold						
Metal	kilograms	517	9	15	----	----
Graphite	tonnes	5 093	4 709	4 206	5 067	6 250
Gypsum	tonnes	8 059	39 120	30 198	73 521	83 549
Iodine	kilograms	21 151	...	...	62 480	139 043
Iron ore	tonnes	2 991 253	2 900 453	3 857 835	2 973 052	4 140 103
Iron, steel and ferro-alloys						
Pig iron	tonnes	393 343	244 247	194 160	153 706	226 951
Sponge & powder	tonnes	2 363	3 221	14 088	8 634	20 281
Ferro-manganese	tonnes	33 940	32 459	24 323	29 364	43 147
Ferro-silico-manganese	tonnes	93 835	102 756	91 245	90 684	97 763
Ferro-silicon	tonnes	45 023	41 466	48 971	51 768	58 630
Other ferro-alloys	tonnes	4 715	5 232	6 554	9 308	11 385
Silicon metal	tonnes	...	...	1 841	2 005	1 985
Ingots, blooms, billets	tonnes	1 311 824	1 219 268	1 484 361	1 607 637	1 923 083
Scrap	tonnes	7 085 308	7 747 674	6 550 614	7 877 831	7 457 315
Kaolin	tonnes	85 789	116 727	139 326	114 965	198 837
Lead						
Unwrought	tonnes	39 058	41 324	50 713	40 283	56 168
Lithium						
Oxides	tonnes	...	...	...	83	113
Carbonate	tonnes	...	...	...	109	107
Magnesite and magnesia						
Magnesia	tonnes	15 654	19 627	15 164	18 288	30 964
Manganese						
Metal	tonnes	175	106	78	50	85
Mercury	kilograms	31 638	41 853	40 830	38 032	3 981
Mica	tonnes	408	129	81	56	117
Molybdenum						
Metal	tonnes	67	7	10	42	5
Nickel						
Unwrought (b)	tonnes	1 453	1 677	1 815	1 493	1 459
Oxides	tonnes	...	...	...	90	94
Crude petroleum	tonnes	22 767 000	...	23 791 392	...	...
Phosphates	tonnes	604 869	1 117 910	1 041 910	873 875	667 998
Platinum metals						
Platinum & platinum metals	kilograms	17 257	399	582	72	259
Potash						
Sulphate	tonnes	21 385	19 554	27 796	23 429	15 152
Chloride	tonnes	115 971	100 000	125 183	116 065	101 485

## Turkey

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Rare earths						
Rare earth compounds	tonnes	140	289	225	125	170
Ferro-cerium & other pyrophoric alloys	tonnes	14	193	140	20	7
Salt	tonnes	3 504	4 660	7 643	10 706	26 341
Sillimanite	tonnes	2 063	3 523	...	2 622	1 343
Silver						
Metal	kilograms	43 586	38 757	53 677	52 101	136 321
Sulphur and pyrites						
Pyrites	tonnes	26 210	34 644	17 437	87	12
Sulphur, crude	tonnes	116 619	170 473	126 446	133 554	107 173
Sulphur, sublimed & precipitated	tonnes	94	116	93	71	96
Talc	tonnes	4 762	6 933	8 576	8 443	12 809
Tin						
Unwrought (b)	tonnes	1 409	1 234	1 335	1 267	1 864
Titanium						
Titanium minerals	tonnes	7 343	5 514	5 824	5 464	6 077
Oxides	tonnes	44 462	60 872	53 710	51 135	59 446
Zinc						
Ore	tonnes	32 066	68 240	83 377	59 099	333
Unwrought (b)	tonnes	47 442	64 941	67 404	65 380	95 229
Scrap	tonnes	200	100	235	942	327
Zirconium						
Concentrates	tonnes	382	251	1 680	1 072	3 184
Zirconium sand	tonnes	9 490	...	...	...	...

Note(s):-

(a) Including anthracite

(b) Including alloys

## Ukraine

## Production

Commodity	Units	1996	1997	1998	1999	2000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	1 159 460	1 074 500	1 290 720	1 230 200	1 360 000
Primary aluminium	tonnes	89 875	100 547	106 678	115 425	119 290
Bentonite and fuller's earth						
Bentonite	tonnes	35 000	*25 000	...	...	...
Bromine	kilograms	1 642 000	956 000	1 866 000	*2 500 000	...
Coal						
Bituminous	tonnes	74 132 000	75 514 000	75 767 000	80 640 000	79 923 000
Lignite	tonnes	1 587 000	1 433 000	1 409 000	1 184 000	1 067 000
Germanium metal	tonnes	0	0	1	1	...
Graphite	tonnes	5 367	4 289	5 104	7 461	7 431
Gypsum	tonnes	175 000	...	68 400	94 600	...
Iron ore	tonnes	47 590 000	52 993 500	51 070 200	47 769 100	55 883 200
Pig iron	tonnes	17 800 000	20 600 000	20 936 000	23 009 800	25 698 700
Crude steel	tonnes	21 948 800	25 285 700	24 105 255	27 390 000	31 780 000
Ferro-alloys						
Spiegeleisen	tonnes	800	----	----	----	5 400
Ferro-manganese	tonnes	263 500	307 700	291 500	257 300	338 100
Ferro-silico-manganese	tonnes	601 400	559 700	485 560	498 905	684 040
Ferro-silicon	tonnes	254 400	288 200	222 511	243 600	323 417
Kaolin	tonnes	249 300	237 900	201 670	221 526	...
Lead, refined	tonnes	21 000	11 000	7 340	9 902	15 034
Primary magnesium metal	tonnes	12 896	7 654	5 040	3	----
Manganese ore (a)	tonnes	3 070 000	3 039 500	2 217 000	1 984 800	2 740 600
Mercury	kilograms	*30 000	----	----	----	----
Nickel, mine	tonnes (metal content)	1 700	----	----	----	----
Nickel, smelter/refinery	tonnes	*900	----	----	----	----
Perlite	tonnes	*25 000	*25 000	...	...	...
Crude petroleum	tonnes	4 097 800	4 128 100	3 899 900	3 797 900	3 692 900
Natural gas	million m <sup>3</sup>	18 408	18 131	17 967	18 092	17 847
Potash	tonnes (K <sub>2</sub> O content)	55 200	52 200	33 600	11 800	*10 000
Salt	tonnes	2 847 800	2 622 900	2 310 970	2 185 300	2 286 500
Sulphur and pyrites						
Sulphur ore	tonnes (sulphur content)	168 100	99 700	96 949	79 979	88 000
Titanium minerals						
Ilmenite	tonnes	...	...	507 435	536 542	576 749
Rutile	tonnes	...	...	...	110 951	132 517
Uranium, mine	tonnes (metal content)	*500	*500	*500	*500	*500
Zinc, slab	tonnes	*2 000	*2 000	----	----	----
Zirconium minerals	tonnes	*55 000	*65 000	*65 000	*69 000	*75 000

Note(s):-

(a) Marketable

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	*800 000	*800 000	*900 000	*800 000	...
Unwrought (a)	tonnes	102 561	134 698	187 739	318 178	327 300
Scrap	tonnes	3 073	35 272	47 633	36 229	(b) *49 100
Bentonite and fuller's earth						
Bentonite	tonnes	(b) *12 300	(b) *16 400	18 500	25 900	46 300
Bromine	kilograms	(b) *535 900	...	1 314 924	589 900	...
Chromium						
Metal	tonnes	170	180	----	61	...
Coal	tonnes	2 288 843	2 374 743	1 882 275	2 138 128	...
Copper						
Unwrought	tonnes	7 778	5 271	11 140	51 156	(b) *70 200
Scrap	tonnes	(b) *25 700	97 662	91 794	*90 000	*75 000
Gold						
Metal (b)	kilograms	...	...	...	*500	*1 100
Waste & scrap (b)	kilograms	*1 500	*20 500	*27 600	*37 100	*60 100
Graphite	tonnes	4 663	2 328	1 905	2 259	...

## Ukraine

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Iron ore	tonnes	19 108 682	20 083 455	17 703 014	13 343 939	(b) *12 002 000
Iron, steel and ferro-alloys						
Pig iron	tonnes	775 777	722 723	2 082 673	1 881 204	*1 800 000
Ferro-manganese	tonnes	(b) *101 800	(b) *169 200	172 112	121 804	(b) *179 100
Ferro-silico-manganese	tonnes	379 185	446 991	353 747	342 070	(b) *394 800
Ferro-nickel	tonnes	14 303	2 396	2 154	5 752	...
Ferro-silicon (b)	tonnes	...	*101 700	*94 800	*87 200	*124 500
Other ferro-alloys	tonnes	11 202	16 322	14 957	2 035	...
Ingots, blooms, billets	tonnes	2 843 280	4 196 639	4 937 336	7 989 718	...
Scrap	tonnes	679 000	1 935 000	3 281 108	4 743 490	...
Kaolin	tonnes	236 053	291 161	230 888	246 565	...
Lead						
Unwrought (b)	tonnes	*10 400	*5 400	*6 600	*5 300	*8 300
Scrap (b)	tonnes	...	*1 400	*3 500	*900	*1 000
Manganese						
Ore	tonnes	201 621	232 767	286 622	172 377	...
Metal	tonnes	(b) *5 800	(b) *4 900	(b) *26 200	34 950	(b) *45 300
Mercury	kilograms	40	28 290	5 028	----	...
Nickel						
Unwrought	tonnes	----	----	2 535	121	...
Scrap	tonnes	----	134	57	(b) *300	(b) *700
Crude petroleum	tonnes	----	5 139	87 910	1 479 484	...
Platinum metals						
Waste & scrap (b)	kilograms	*10 300	*37 400	*35 200	*66 500	*117 400
Potash						
Chloride (b)	tonnes	*48 000	*179 000	*201 000	*225 200	...
Other potassic fertilisers (b)	tonnes	*31 200	*4 500	*35 000	*8 500	*28 100
Salt	tonnes	1 424 393	1 367 601	1 012 089	928 343	(b) *862 000
Sulphur and pyrites						
Sulphur	tonnes	39 084	24 789	24 879	23 163	...
Titanium						
Titanium minerals	tonnes	122 590	211 877	231 419	279 580	(b) *316 900
Metal	tonnes	730	1 664	1 785	5 093	(b) *5 200
Oxides	tonnes	36 645	35 418	39 543	57 896	(b) *68 500
Zinc						
Unwrought (a)	tonnes	----	23	281	1 113	(b) *1 800
Zirconium						
Concentrates	tonnes	15 079	18 722	15 746	36 282	...

Note(s):-

(a) Including alloys

(b) BGS estimates, based on known imports into certain countries

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	3 097 062	2 045 854	3 075 299	2 880 090	...
Alumina	tonnes	5 000	20 237	1 903	100	...
Unwrought (a)	tonnes	3 018	1 147	888	971	...
Antimony						
Metal	tonnes	14	25	24	21	...
Coal						
Hard coal	tonnes	10 818 084	8 368 976	8 390 047	...	...
Lignite	tonnes	1 352 273	482 514	20 789	21 941	...
Feldspar	tonnes	3 792	2 283	4 231	2 558	...
Fluorspar	tonnes	23 551	40 871	40 092	28 210	...
Gold						
Metal (b)	kilograms	*200	*900	*600	*1 300	*1 100
Iodine	kilograms	1 613	12 486	6 960	1 211	...
Iron ore	tonnes	2 308 136	1 881 478	3 369 816	4 683 178	...
Iron, steel and ferro-alloys						
Ferro-alloys	tonnes	...	20 280	18 096	...	...
Scrap	tonnes	89 836	90 061	26 250	...	...
Magnesite and magnesia	tonnes	343 745	509 873	357 850	484 823	...
Crude petroleum	tonnes	...	8 977 000	9 884 000	...	...
Phosphates	tonnes	823 768	879 867	704 576	755 133	...

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Platinum metals						
Platinum & platinum metals (b)	kilograms	*1 000	*600	*600	*500	...
Potash						
Potassic fertilisers	tonnes	41 077	61 316	39 868	55 053	...
Silver						
Metal (b)	kilograms	*1 300	*500	*1 100	...	...
Sulphur and pyrites						
Sulphur	tonnes	428 250	332 662	371 493	348 423	253 400
Tin						
Unwrought	tonnes	368	288	48	33	...
Zinc						
Unwrought	tonnes	12 172	9 122	15 470	13 562	...

## Note(s):-

(a) Including alloys

(b) BGS estimates, based on known exports from certain countries

## United Kingdom

### Production

Commodity	Units	1996	1997	1998	1999	2000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	99 000	100 000	96 000	90 000	89 000
Primary aluminium	tonnes	239 963	247 675	258 397	272 211	305 099
Barytes	tonnes	93 000	*74 000	64 000	59 000	54 000
Bentonite and fuller's earth						
Fuller's earth (a)	tonnes	142 600	134 800	94 400	74 500	*70 000
Bromine	kilograms	30 600 000	35 600 000	35 900 000	24 800 000	33 200 000
Cadmium	tonnes	537	455	440	547	503
Coal						
Bituminous (b)	tonnes	50 197 000	48 495 000	41 177 000	37 077 000	31 972 000
Copper, refined	tonnes	56 615	60 402	53 774	50 334	-----
Feldspar (c)	tonnes	8 211	8 108	3 278	2 448	3 645
Fluorspar	tonnes	*65 000	*64 000	*65 000	*40 000	*36 000
Gypsum	tonnes	*2 000 000	*2 000 000	*2 000 000	*1 800 000	*1 500 000
Iron ore	tonnes	1 190	1 210	1 188	*1 000	1 033
Pig iron	tonnes	12 830 200	13 054 500	12 746 100	12 139 300	10 890 000
Crude steel	tonnes	17 991 700	18 500 500	17 315 000	16 297 800	15 280 000
Kaolin (d) (e)	tonnes	2 281 438	2 359 676	2 391 595	2 303 602	2 376 057
Lead, mine	tonnes (metal content)	*1 800	*1 600	*1 600	1 000	*1 000
Lead, refined	tonnes	351 351	384 112	349 704	347 600	324 451
Nickel, smelter/refinery	tonnes	38 561	36 091	39 050	38 086	38 000
Crude petroleum	tonnes	121 930 000	120 321 000	124 080 000	128 286 000	117 882 000
Natural gas	million m <sup>3</sup>	89 896	91 558	95 506	105 071	115 033
Potash						
Chloride	tonnes (K <sub>2</sub> O content)	618 000	564 500	608 400	494 700	600 800
Salt						
Rock salt	tonnes	*2 200 000	*1 800 000	*700 000	*1 500 000	*1 700 000
Brine salt	tonnes	*1 300 000	*1 300 000	*1 200 000	*1 200 000	*1 200 000
Salt in brine (f)	tonnes	3 512 000	3 561 000	*3 500 000	*3 000 000	*3 000 000
Sulphur and pyrites						
Recovered (g)	tonnes (sulphur content)	44 700	39 200	40 500	26 600	51 400
Recovered (h)	tonnes (sulphur content)	132 000	177 000	184 000	136 000	140 000
Talc	tonnes	5 338	5 749	4 937	6 256	4 832
Tin, mine	tonnes (metal content)	2 103	2 396	448	-----	-----
Zinc, slab	tonnes	96 867	107 704	99 600	132 800	99 600

Note(s):-

- (a) Saleable production based on data from producing companies
- (b) Including anthracite
- (c) China stone
- (d) Sales
- (e) Dry weight
- (f) Used for purposes other than salt-making
- (g) From metal sulphide processing
- (h) From petroleum refining and/or natural gas

### Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	(a) 28 437	(a) 27 653	18 640	(a) 17 197	(a) 11 912
Unwrought	tonnes	35 582	129 429	32 067	12 415	89 765
Unwrought alloys	tonnes	171 401	241 147	193 134	225 110	257 938
Scrap	tonnes	102 086	104 231	122 591	104 823	143 381
Antimony						
Metal	tonnes	146	116	100	88	875
Oxide	tonnes	(b) *3 800	(b) *5 600	5 139	(b) *4 000	(b) *4 100
Arsenic						
Metallic arsenic	tonnes	5	3	22	45	11
Asbestos	tonnes	967	16	45	49	2
Barytes	tonnes	5 483	9 475	6 590	8 196	28 511
Bentonite and fuller's earth						
Bentonite	tonnes	84 357	96 781	108 868	76 459	76 862
Fuller's earth	tonnes	32 730	61 077	739	554	429



## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Bismuth						
Metal	tonnes	859	2 038	1 973	2 381	2 943
Bromine	kilograms	5 345 184	5 025 081	7 011 058	5 335 234	13 329 454
Cadmium						
Metal	tonnes	174	18	28	215	19
Chromium						
Ores & concentrates	tonnes	881	886	707	871	524
Metal	tonnes	3 204	5 732	5 803	5 549	8 800
Coal						
Anthracite	tonnes	420 230	393 772	282 025	335 907	305 615
Other coal	tonnes	553 789	666 119	688 621	439 022	637 489
Briquettes	tonnes	117 070	98 171	57 410	53 759	79 869
Cobalt						
Metal	tonnes	2 362	1 858	2 001	1 793	1 623
Oxides	tonnes	1 233	1 229	1 323	1 012	1 146
Copper						
Ore & matte	tonnes	1 072	10 163	8 559	9 667	6 717
Unwrought	tonnes	6 767	5 852	9 776	8 648	10 725
Unwrought alloys	tonnes	25 384	24 053	28 796	35 612	21 301
Scrap	tonnes	115 731	111 722	108 407	107 527	220 383
Diamond						
Unsorted	carats	13 236 583	11 117 190	5 794 334	2 784 476	8 615 264
Gem, rough	carats	63 333 558	69 757 480	65 595 954	63 338 299	61 766 734
Gem, cut	carats	1 441 476	2 667 551	1 729 965	1 706 334	776 015
Industrial	carats	25 737 087	25 772 889	35 394 187	29 978 880	28 767 728
Dust	carats	41 146 270	73 505 020	56 682 115	49 034 945	...
Diatomite	tonnes	2 620	486	705	565	515
Feldspar	tonnes	237	853	148	131	140
Fluorspar	tonnes	7 129	5 215	4 202	4 829	4 912
Gold						
Metal	kilograms	595 097	1 151 116	623 971	589 540	438 060
Waste & scrap	kilograms	79 727	54 013	104 568	377 931	406 280
Graphite	tonnes	2 152	1 871	2 206	1 973	2 143
Gypsum						
Crude	tonnes	2 059	10 239	9 322	6 746	10 247
Calcined	tonnes	22 113	25 113	24 352	73 865	33 222
Iodine	kilograms	224 034	184 176	138 391	148 093	385 000
Iron, steel and ferro-alloys						
Pig iron	tonnes	4 616	4 411	1 632	446	679
Sponge & powder	tonnes	2 745	1 584	1 349	1 895	2 095
Ferro-chrome & ferro-silico-chrome	tonnes	2 950	2 641	1 854	1 047	784
Ferro-manganese	tonnes	2 796	1 578	2 878	452	1 185
Ferro-silico-manganese	tonnes	230	532	2 456	1 327	672
Ferro-molybdenum	tonnes	9 888	9 029	10 453	8 311	7 090
Ferro-nickel	tonnes	218	4 363	3 376	0	9
Ferro-niobium	tonnes	22	32	32	47	114
Ferro-phosphorus	tonnes	248	126	167	95	22
Ferro-silicon	tonnes	4 615	4 026	2 502	2 382	1 137
Ferro-titanium & Fe-Si-Ti	tonnes	13 467	18 823	20 211	18 894	19 309
Ferro-vanadium	tonnes	61	201	96	77	51
Other ferro-alloys	tonnes	6 634	5 917	5 049	5 033	6 275
Ingots, blooms, billets	tonnes	1 193 795	954 817	561 451	407 044	521 093
Scrap	tonnes	3 435 328	3 561 352	3 177 490	3 578 027	4 378 607
Kaolin (c)	tonnes	1 957 761	2 052 914	2 093 460	2 018 969	2 074 548
Lead						
Unwrought	tonnes	65 697	85 007	104 327	82 887	80 554
Unwrought alloys	tonnes	36 958	31 909	33 096	31 460	35 723
Scrap	tonnes	10 068	10 618	6 178	11 577	7 472
Lithium						
Oxides	tonnes	171	103	134	85	122
Carbonate	tonnes	638	342	397	308	288
Magnesite and magnesia						
Magnesite	tonnes	340	175	234	53	89
Magnesia	tonnes	64 564	58 774	46 754	37 010	44 404
Manganese						
Metal	tonnes	*2 400	*3 400	4 742	*3 800	*3 900
Mercury	kilograms	109 770	16 628	34 528	5 413	2 977

## United Kingdom

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Mica						
Unmanufactured	tonnes	10	78	24	120	68
Ground	tonnes	5 001	5 056	4 686	3 913	3 659
Waste	tonnes	209	270	474	254	56
Molybdenum						
Ores & concentrates	tonnes	2 003	3 717	2 401	998	319
Metal	tonnes	247	143	248	104	236
Oxides	tonnes	20	30	20	32	8
Nickel						
Mattes, sinters etc.	tonnes	218	146	58	197	1 634
Unwrought	tonnes	22 761	18 887	20 502	20 728	21 695
Unwrought alloys	tonnes	3 290	3 558	4 271	3 733	5 195
Scrap	tonnes	4 361	4 367	5 109	5 432	8 602
Crude petroleum	tonnes	77 654 502	71 795 525	73 428 795	75 473 136	76 017 787
Phosphates	tonnes	2 441	425	321	261	1 296
Platinum metals						
Platinum	kilograms	29 155	66 576	22 838	24 122	31 667
Palladium	kilograms	25 248	21 113	59 018	13 388	17 023
Other platinum metals	kilograms	7 018	16 170	17 057	5 356	7 964
Waste & scrap	kilograms	58 505	203 889	953 343	924 221	1 344 876
Potash						
Chloride	tonnes	*540 000	*540 000	570 681	*420 000	...
Other potassic fertilisers	tonnes	2 505	4 164	1 200	1 112	1 143
Rare earths						
Cerium compounds	tonnes	473	407	463	374	304
Other rare earth compounds	tonnes	933	595	261	254	356
Ferro-cerium & other pyrophoric alloys	tonnes	11	11	15	23	26
Metals	tonnes	44	70	70	352	60
Salt	tonnes	447 154	284 571	485 815	276 402	289 647
Sillimanite	tonnes	8 356	7 442	6 677	6 896	6 858
Silver						
Metal	kilograms	3 155 901	3 187 801	2 053 193	1 405 307	3 461 961
Sulphur and pyrites						
Sulphur, crude	tonnes	1 816	22 423	51 809	50 897	10 334
Sulphur, sublimed & precipitated	tonnes	3 532	14 624	140	277	379
Talc	tonnes	3 227	3 100	4 574	3 175	3 757
Tantalum and niobium						
Tantalum	tonnes	314	349	290	354	579
Tin						
Concentrates	tonnes	3 667	3 646	1 292	173	121
Unwrought	tonnes	568	281	3 396	88	136
Unwrought alloys	tonnes	1 767	1 759	2 100	2 239	3 030
Scrap	tonnes	4 416	875	1 356	3 631	1 587
Titanium						
Metal	tonnes	11 028	12 379	11 443	9 328	13 563
Oxides	tonnes	148 315	158 332	165 635	190 440	210 692
Tungsten						
Metal	tonnes	1 074	1 939	2 300	1 335	4 869
Carbide	tonnes	807	270	291	481	8
Vanadium						
Metal	tonnes	7	188	...	...	...
Zinc						
Unwrought	tonnes	10 925	10 309	10 879	15 924	12 393
Unwrought alloys	tonnes	23 008	24 730	23 840	22 656	20 128
Scrap	tonnes	26 871	33 723	21 877	43 025	45 636
Zirconium						
Concentrates	tonnes	2 819	4 492	3 039	333	422
Metal	tonnes	669	281	247	382	447

Note(s):-

(a) Including some bauxite

(b) BGS estimates, based on known imports into certain countries

(c) Dry weight

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite (a)	tonnes	317 885	322 215	278 737	217 514	222 436
Alumina	tonnes	525 758	505 974	381 804	541 344	569 815
Alumina hydrate	tonnes	80 501	77 572	79 427	102 100	78 830
Unwrought	tonnes	539 672	310 882	310 767	307 607	119 847
Unwrought alloys	tonnes	130 334	132 373	184 942	136 950	157 300
Scrap	tonnes	83 913	107 567	138 125	141 971	133 801
Antimony						
Metal	tonnes	2 171	2 808	950	133	470
Oxide	tonnes	1 629	1 883	2 105	1 707	2 007
Arsenic						
Metallic arsenic	tonnes	83	122	81	108	109
Asbestos	tonnes	7 099	4 820	1 840	789	246
Barytes	tonnes	85 018	139 065	98 506	65 703	57 362
Bentonite and fuller's earth						
Bentonite	tonnes	166 278	162 819	331 453	246 341	240 820
Fuller's earth	tonnes	1 720	...	51 398	16 326	6 568
Bismuth						
Metal	tonnes	795	1 256	1 382	1 265	1 361
Bromine	kilograms	7 045 247	5 213 006	8 001 874	6 927 595	5 987 217
Cadmium						
Metal	tonnes	345	854	632	462	786
Chromium						
Ores & concentrates	tonnes	176 199	157 914	120 967	83 608	163 666
Metal	tonnes	1 181	1 554	1 787	1 573	1 520
Coal						
Anthracite	tonnes	1 127 416	1 247 553	501 809	602 346	1 055 238
Other coal	tonnes	16 512 925	18 581 823	20 742 610	20 167 409	22 388 726
Briquettes	tonnes	56 279	29 631	13 556	8 298	13 731
Cobalt						
Metal	tonnes	3 875	3 980	3 950	4 434	3 835
Oxides	tonnes	713	799	672	504	496
Copper						
Unwrought, unrefined	tonnes	6 618	2 262	236	629	1 083
Unwrought, refined	tonnes	328 106	365 895	348 509	303 267	338 641
Unwrought alloys	tonnes	3 601	3 353	5 423	4 965	7 403
Scrap	tonnes	47 366	54 856	54 483	35 572	23 089
Diamond						
Unsorted	carats	8 282 231	14 987 637	10 211 264	4 676 550	5 568 191
Gem, rough	carats	72 676 862	65 930 928	105 803 662	151 651 213	80 804 440
Gem, cut	carats	6 924 970	8 853 149	6 694 184	4 809 531	6 309 887
Industrial	carats	20 733 158	28 967 856	28 797 763	8 406 120	16 000 464
Dust	carats	60 909 330	68 967 250	82 518 395	64 953 625	98 375 325
Diatomite	tonnes	16 276	20 595	42 274	30 885	35 505
Feldspar	tonnes	28 314	24 051	18 208	25 707	25 280
Fluorspar	tonnes	(b) *34 000	(b) *42 000	41 610	*43 000	...
Gold						
Metal	kilograms	744 997	506 211	1 190 371	828 382	971 766
Waste & scrap	kilograms	205 740	152 707	217 272	161 199	318 953
Graphite	tonnes	25 349	23 740	27 885	21 204	25 998
Gypsum						
Crude	tonnes	586 999	521 455	328 175	391 447	496 204
Calcined	tonnes	43 466	42 859	33 227	33 818	63 338
Iodine	kilograms	3 350 534	1 353 469	1 693 418	956 976	1 301 519
Iron ore						
Iron ore	tonnes	20 304 347	21 032 971	20 764 785	17 030 212	16 732 190
Burnt pyrites	tonnes	3 555	18 409	25 787	21 649	17 011

## United Kingdom

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
<b>Iron, steel and ferro-alloys</b>						
Pig iron	tonnes	240 886	210 112	225 303	156 325	133 729
Sponge & powder	tonnes	21 414	25 690	33 529	23 005	39 472
Ferro-chrome & ferro-silico-chrome	tonnes	133 540	118 915	114 275	120 393	107 116
Ferro-silico-magnesium	tonnes	11 508	11 374	9 671	8 565	6 978
Ferro-manganese	tonnes	131 528	135 902	111 500	90 301	92 489
Ferro-silico-manganese	tonnes	35 098	38 261	49 448	53 965	66 354
Ferro-molybdenum	tonnes	392	773	599	792	426
Ferro-nickel	tonnes	35 416	20 251	11 909	4 470	2 439
Ferro-niobium	tonnes	921	856	1 086	952	1 556
Ferro-phosphorus	tonnes	3 227	3 025	2 980	2 630	2 200
Ferro-silicon	tonnes	96 025	96 005	82 802	80 753	67 814
Ferro-titanium & Fe-Si-Ti	tonnes	7 591	5 161	4 887	4 054	2 489
Ferro-tungsten & Fe-Si-W	tonnes	44	112	56	66	52
Ferro-vanadium	tonnes	291	378	378	648	1 453
Other ferro-alloys	tonnes	1 806	3 108	4 475	4 717	4 089
Silicon metal	tonnes	45 831	46 675	45 285	58 164	77 852
Ingots, blooms, billets	tonnes	373 414	458 875	549 465	412 482	519 909
Scrap	tonnes	242 588	211 827	179 204	164 757	202 275
Kaolin	tonnes	39 194	88 946	47 272	28 502	39 065
<b>Lead</b>						
Ores & concentrates (c)	tonnes	44 654	40 569	34 276	34 080	...
Unwrought, base bullion (d)	tonnes	152 499	189 508	169 839	174 757	140 344
Unwrought, other	tonnes	33 802	22 777	30 015	39 284	103 926
Scrap	tonnes	8 882	5 120	5 537	7 704	10 854
<b>Lithium</b>						
Oxides	tonnes	763	602	589	389	392
Carbonate	tonnes	1 963	2 070	1 925	818	763
<b>Magnesite and magnesia</b>						
Magnesite	tonnes	17 600	11 190	12 176	38 325	24 465
Magnesia	tonnes	155 458	153 388	147 167	122 870	104 793
<b>Manganese</b>						
Ore (e)	tonnes	40 306	71 233	28 300	8 234	2 956
Metal	tonnes	7 477	7 225	8 796	7 284	8 360
Mercury	kilograms	4 046	44 387	7 935	8 337	18 631
<b>Mica</b>						
Unmanufactured	tonnes	179	12	29	125	173
Ground	tonnes	6 367	9 036	7 961	6 977	5 426
Waste	tonnes	9 532	8 342	10 379	5 854	8 119
<b>Molybdenum</b>						
Ores & concentrates	tonnes	16 899	18 898	17 495	13 872	12 489
Metal	tonnes	861	859	903	1 374	839
Oxides	tonnes	237	89	110	65	26
<b>Nickel</b>						
Mattes, sinters etc.	tonnes	63 833	54 534	59 263	57 457	54 805
Unwrought	tonnes	17 469	17 706	12 538	15 669	23 915
Unwrought alloys	tonnes	1 248	3 424	4 182	7 355	2 167
Scrap	tonnes	14 631	13 181	11 884	15 731	22 932
Oxides	tonnes	149	155	98	199	164
Crude petroleum	tonnes	41 265 377	41 382 610	36 135 627	29 923 937	37 007 490
Phosphates	tonnes	27 455	38 103	23 410	19 831	13 848
<b>Platinum metals</b>						
Platinum	kilograms	16 432	15 809	17 407	24 785	35 989
Palladium	kilograms	40 909	25 190	27 272	21 775	34 045
Other platinum metals	kilograms	4 808	6 967	8 829	5 722	9 751
Waste & scrap	kilograms	651 881	705 721	384 379	432 493	593 678
<b>Potash</b>						
Fertiliser salts	tonnes	26 017	25 038	18 325	20 628	18 153
Chloride	tonnes	462 630	331 300	209 519	232 983	256 841
Other potassic fertilisers	tonnes	9 129	12 066	12 308	6 236	10 535
<b>Rare earths</b>						
Cerium compounds	tonnes	1 233	1 916	2 039	2 265	2 405
Other rare earth compounds	tonnes	683	398	378	543	464
Ferro-cerium & other pyrophoric alloys	tonnes	9	3	85	9	13
Metals	tonnes	168	323	136	107	227
Salt	tonnes	316 796	242 368	237 284	261 434	...
<b>Sillimanite</b>						
Sillimanite	tonnes	52 229	53 877	47 985	37 870	29 400
Mullite	tonnes	17 765	12 922	8 417	7 432	5 215

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Silver						
Metal	kilograms	2 876 985	3 310 292	6 772 335	2 589 012	2 542 811
Sulphur and pyrites						
Sulphur, crude	tonnes	245 934	371 962	196 327	190 439	183 653
Sulphur, sublimed & precipitated	tonnes	549	495	2 420	213	93
Talc	tonnes	73 084	83 013	76 744	57 439	56 325
Tantalum and niobium						
Tantalum	tonnes	980	1 463	1 375	1 119	976
Tin						
Unwrought	tonnes	10 010	14 768	10 753	9 120	9 185
Unwrought alloys	tonnes	1 901	1 303	1 220	952	1 753
Scrap	tonnes	557	456	477	393	384
Titanium						
Ilmenite	tonnes	164 050	156 649	100 765	95 473	134 861
Other titanium minerals	tonnes	75 937	93 122	181 420	84 841	70 348
Titanium slag	tonnes	91 045	99 308	119 386	120 890	160 738
Metal	tonnes	18 495	28 117	30 712	26 883	28 013
Oxides	tonnes	83 245	80 138	102 697	74 434	80 119
Tungsten						
Metal	tonnes	1 614	1 889	2 055	1 819	2 207
Carbide	tonnes	1 041	1 357	2 293	752	838
Vanadium						
Pentoxide	tonnes	73	161	156	306	277
Metal	tonnes	368	628	690	373	271
Zinc						
Ores & concentrates	tonnes	154 230	135 209	139 806	91 613	177 204
Unwrought	tonnes	133 989	136 217	162 046	111 382	118 702
Unwrought alloys	tonnes	4 124	12 035	10 908	6 293	7 388
Scrap	tonnes	2 995	3 238	3 806	3 507	4 760
Zirconium						
Concentrates	tonnes	57 432	57 830	54 986	37 695	34 048
Metal	tonnes	386	534	510	263	727

## Note(s):-

- (a) Excluding refractory grade bauxite
- (b) BGS estimates, based on known exports from certain countries
- (c) Pb content
- (d) Includes a substantial precious metal content, mainly silver
- (e) Including manganiferous iron ore

## Yugoslavia, Federal Republic of

## Production

Commodity	Units	1996	1997	1998	1999	2000
Bauxite	tonnes	323 000	470 000	226 000	500 000	630 000
Alumina	tonnes (Al <sub>2</sub> O <sub>3</sub> content)	105 000	159 450	152 619	156 012	186 135
Primary aluminium	tonnes	37 436	65 741	61 247	73 430	88 151
Asbestos	tonnes	509	765	1 457	361	563
Cadmium	tonnes	79	45	17	----	----
Coal						
Bituminous	tonnes	62 754	91 540	104 596	49 481	87 882
Lignite	tonnes	37 827 576	42 312 896	43 577 410	30 037 930	33 638 291
Brown coal	tonnes	538 759	512 228	389 996	413 289	398 438
Copper, mine	tonnes (metal content)	69 467	73 567	70 900	51 700	52 900
Copper, smelter	tonnes	106 600	105 500	107 700	53 800	51 800
Copper, refined	tonnes	104 000	113 534	94 396	49 902	45 632
Feldspar	tonnes	4 801	4 880	4 280	3 452	4 254
Gold, mine (a)	kilograms (metal content)	3 250	3 014	2 684	1 260	1 121
Gypsum	tonnes	44 257	32 124	27 778	33 962	46 651
Iron ore	tonnes	5 200	7 230	5 125	2 088	----
Pig iron	tonnes	535 213	906 704	825 916	134 882	562 808
Crude steel	tonnes	678 749	978 960	949 314	226 240	682 362
Ferro-alloys						
Ferro-nickel	tonnes	6 501	6 209	1 215	----	----
Kaolin	tonnes	68 460	65 724	75 092	40 321	39 475
Lead, mine	tonnes (metal content)	16 005	14 029	16 700	8 631	3 790
Lead, refined	tonnes	30 317	23 632	23 756	----	1 242
Magnesite	tonnes	88 696	98 384	80 923	30 642	40 925
Primary magnesium metal	tonnes	3 090	3 942	3 965	1 203	1 270
Mica	tonnes	16 596	420	247	229	1 727
Nickel, mine	tonnes (metal content)	3 000	2 700	800	----	----
Nickel, smelter/refinery	tonnes	2 556	2 440	466	----	----
Crude petroleum	tonnes	1 030 441	979 081	913 029	704 838	804 768
Natural gas	million m <sup>3</sup>	671	688	731	679	729
Salt						
Rock salt	tonnes	...	...	8 539	8 444	10 182
Sea salt	tonnes	21 646	28 000	19 305	17 066	32 246
Selenium metal	tonnes	38	45	41	26	21
Silver, mine (b)	kilograms (metal content)	68 805	42 640	34 474	7 643	9 068
Sulphur and pyrites						
Recovered (c)	tonnes (sulphur content)	21 000	33 000	46 000	46 000	46 000
Zinc, mine	tonnes (metal content)	15 108	12 782	14 967	3 615	3 266
Zinc, slab	tonnes	29 954	29 454	13 600	700	8 300

Note(s):-

(a) Metal production

(b) Smelter and/or refinery production

(c) From metal sulphide processing

## Exports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Bauxite	tonnes	32 000	4 655	549	48 398	2 124
Unwrought	tonnes	34 600	(a) 62 526	(a) 61 394	66 420	2 636
Unwrought alloys	tonnes	4 500	...	...	3 097	361
Scrap	tonnes	700	387	6 907	2 975	423
Bromine	kilograms	...	17 000	...	51 000	----
Copper						
Unwrought	tonnes	66 808	72 710	97 915	30 579	1 808
Gold						
Metal	kilograms	...	1 000	2 254	617	----
Iron ore						
Burnt pyrites	tonnes	13 000	17 219	16 157	21 367	6
Iron, steel and ferro-alloys						
Ferro-alloys	tonnes	7 000	7 182	1 723	6	6 587
Scrap	tonnes	3 000	3 370	8 566	16 756	42 871

## Exports continued

Commodity	Units	1996	1997	1998	1999	2000
Lead						
Concentrates	tonnes	...	5 318	4 510	3 585	----
Unwrought	tonnes	25 600	18 646	5 335	2 220	5 102
Magnesite and magnesia						
Magnesia	tonnes	9 600	6 428	4 338	259	9 558
Silver						
Metal	kilograms	...	36 000	7 106	661	0
Sulphur and pyrites						
Pyrites	tonnes	...	16 453	18 228	752	----
Zinc						
Unwrought (a)	tonnes	22 300	20 465	1 038	845	4 041

Note(s):-

(a) Including alloys

## Imports

Commodity	Units	1996	1997	1998	1999	2000
Aluminium and bauxite						
Alumina	tonnes	4 700	1 310	566	6 588	5 440
Unwrought (a)	tonnes	1 300	4 170	3 831	1 688	2 997
Antimony						
Metal	tonnes	91	100	61	65	42
Asbestos	tonnes	...	1 365	1 427	592	607
Chromium						
Ores & concentrates	tonnes	3 600	3 128	2 441	2 757	629
Metal	tonnes	43	2	----	----	3
Coal						
Hard coal	tonnes	(b) *49 000	112 418	32 128	111 007	30 975
Lignite	tonnes	...	...	66 841	87 793	104 963
Copper						
Ores & concentrates	tonnes	189 580	184 399	138 527	28 679	67 875
Unwrought	tonnes	10 200	6 459	4 627	387	1 808
Diatomite	tonnes	...	1 269	1 240	955	1 104
Fluorspar	tonnes	...	4 016	4 786	3 591	25
Graphite	tonnes	500	639	477	210	711
Iodine	kilograms	...	24 000	8 000	3 000	1 000
Iron ore	tonnes	987 662	1 067 222	52 515	1 254 517	302 312
Iron, steel and ferro-alloys						
Pig iron	tonnes	1 624	2 100	800	570	415
Ferro-chrome	tonnes	1 900	2 100	779	583	773
Ferro-manganese	tonnes	5 200	(c) ...	(c) ...	5 633	1 261
Ferro-silicon	tonnes	...	(c) ...	(c) ...	3 521	63
Other ferro-alloys	tonnes	...	11 351	6 626	596	4 490
Ingots, blooms, billets	tonnes	92 000	124 152	34 804	220 158	88 373
Scrap	tonnes	78 000	37 577	42 372	82 104	42 871
Kaolin	tonnes	8 000	7 702	9 075	8 778	25 637
Magnesite and magnesia						
Magnesite	tonnes	6 500	5 468	5 617	1 054	3 030
Magnesia	tonnes	5 300	2 400	...	122	6 528
Mercury	kilograms	...	12 000	2 000	4 000	----
Crude petroleum	tonnes	1 321 098	...	...	518 512	157 823
Phosphates	tonnes	165 800	200 312	164 488	72 259	110 093
Potash						
Potassic fertilisers	tonnes	...	55 570	58 057	30 693	82 169
Salt	tonnes	200 191	268 677	217 349	174 945	179 426
Sulphur and pyrites						
Sulphur, crude	tonnes	1 900	1 808	1 429	703	1 534
Talc	tonnes	...	960	1 049	819	1 040
Tin						
Unwrought (a)	tonnes	107	206	123	28	106
Titanium						
Oxides	tonnes	1 500	1 800	2 100	1 387	792

## Yugoslavia, Federal Republic of

## Imports continued

Commodity	Units	1996	1997	1998	1999	2000
Zinc						
Concentrates	tonnes	(b) *8 000	29 746	20 216	1	22 162
Unwrought	tonnes	14 700	10 581	4 149	3 744	42

## Note(s):-

(a) Including alloys

(b) BGS estimates, based on known exports from certain countries

(c) Included with 'other ferro-alloys'