MINING IN THE UNITED STATES

The mining industry is vital to the American economy. In 2004, the value of minerals was $45.7 billion. The value of metals produced in the United States was $12.5 billion. Industrial mineral production value was $33.2 billion in 2004. The top nine mineral commodities produced in 2004 were crushed stone, portland cement, construction sand and gravel, gold, copper, iron ore, lime, and salt. In 2004 the U.S. produced 1,112,099,000 short tons of coal valued at $22.1 billion. The mining industry employed 329,008 workers, with an average annual income of $52,827, who labored to produce minerals with over $78 billion. These materials were further transformed by consuming industries into consumer and industrial goods creating an additional $2.0 trillion in value added by other mineral, metal and coal consuming industries.

Employment 1/

Coal	108,734
Metal	28,647
Nonmetal	22,844
Sand and gravel	44,467
Stone	79,606
Uranium	420
Total	**329,008**

Number of Mines

Coal	2,011
Other Mining Sectors	12,478
Total	**14,478**

Top Five Coal Producing States

(in order of production totals)		***(2004 tonnage)***
1.	Wyoming	396,493,000
2.	West Virginia	147,993,000
3.	Kentucky	114,244,000
4.	Pennsylvania	65,996,000
5.	Texas	45,863,000

Top Ten Mineral Producing States

1.	California	6.	Utah
2.	Nevada	7.	Minnesota
3.	Arizona	8.	Georgia
4.	Florida	9.	Michigan
5.	Texas	10.	Missouri

Annual Wages

Mining Industry Average 2/	**$52,827**
Total National Average (Private Sector)	**$39,134**

Value of Nonfuel Mineral Production Per Capita **$154**

Per capita nonfuel mineral value reflects the amount of nonfuel minerals produced per person in the state. The value is calculated by dividing the total value of nonfuel mineral production by the total country's population. This number does not include Washington, D.C., which has no mineral production.
(2004 U.S. Census Bureau data).

Coal Production

Short Tons	1,112,099,000
Coal Consumption	1105409000
Short Tons	1,094,742,000

Annual Production Value

Coal	**$22,164,133,070**

Metals

Antimony 2/	W
Beryllium Concentrates	N/A
Copper 3/	3,420,000,000
Gold 3/	3,400,000,000
Iron Ore (usable)	2,080,000,000
Iron Oxide Pigments (crude)	W

Annual Production Value, continued

Lead 3/	$523,000,000
Magnesium Metal	W
Molybdenum 2/	1,420,000,000
Nickel Ore	n/a
Palladium 2/	102,000,000
Platinum 2/	110,000,000
Rare-earth Metal Concentrates 2/	n/a
Silver 3/	268,000,000
Zinc 3/	827,000,000
Others*	301,000,000
Total Metal Production Value	**$12,500,000,000**

Industrial Minerals (excluding fuels)

Asbestos	n/a
Barite	$18,700,000
Boron Minerals (B_2O_3)	626,000,000
Bromine	191,000,000
Cement:	
Masonry	585,000,000
Portland	7,110,000,000
Clays (includes ball, bentonite, common, fire, fuller's earth and kaolin)	1,671,970,000
Diatomite	177,000,000
Feldspar	44,200,000
Fluorspar	n/a
Garnet, industrial	3,050,000
Gemstones	14,500,000
Gypsum (crude)	124,000,000
Helium:	
Crude	77,500,000
Grade-A	299,000,000
Iodine	W
Kyanite	13,400,000
Lime	1,370,000,000
Mica, crude	15,400,000
Peat	21,200,000
Perlite, crude	20,600,000
Phosphate Rock	995,000,000
Potash (K_20)	340,000,000
Pumice and pumicite	25,000,000
Salt	1,270,000,000
Sand and gravel:	
Construction	6,590,000,000
Industrial	685,000,000
Silica Stone 4/	36,600,000
Soda Ash	770,000,000
Sodium Sulfate	n/a
Stone, crushed 5/	9,590,000,000
Sulfur, Frasch	n/a
Tripoli	19,400,000
Vermiculite	W
Zeolites	n/a
Others**	531,000,000
Total Industrial Mineral Production Value	**$33,200,000,000**
Grand Total, Nonfuel a/	**$45,700,000,000**
Grand Total, Coal & Nonfuel	**$67,864,133,070**

Note: See page 2 for an explanation of footnotes appearing on this page.

MINING IN THE UNITED STATES

FOOTNOTES

Data may not add to totals due to independent rounding.

1/ Includes employees of all mining sectors, oil and gas extraction, contractors, independent shops and yards, mills, prep plants and office workers.

2/ Content of ore and concentrate.

3/ Recoverable content of ores.

4/ Includes grindstones, pulpstones, and sharpening stones; excludes mill liners and grinding pebbles.

5/ Excludes abrasive stone and bituminous limestone; all included elsewhere in table.

* Metals - combined value of magnesium metal, titanium concentrates, zircon concentrates, and values indicated by symbol W.

** Industrial minerals - combined value of brucite, emery (2002 - 03), greensand marl, lithium carbonate, magnesite, magnesium compounds, olivine, staurolite, stone (dimension), talc and pyrophyllite (crude), wollastonite, virmiculite (crude) and values indicated by symbol W.

W Withheld to avoid disclosing company proprietary data.

a/ Grand total equals total metal production value and total industrial mineral production value.

NA Not available.

Sources: U.S. Geological Survey, Mineral Industry Surveys, 2004; DOE/EIA Coal Industry Annual 2004, Bureau of Labor Statistics, Average Annual Pay Report 2004, U.S. Department of Labor, MSHA, Mine Injuries and Worktime Quarterly 2004 and *the Uranium Industry Annual*, 2004 and Mine Safety & Health Administration 2004 Part 50 data.