

MINING IN CALIFORNIA

California's mining industry is vital to the state's economy. It ranked first nationally in total nonfuel mineral production value in 2004. The value of nonfuel minerals in 2004 was \$3.76 billion. The industry employed 12,840 workers, with an average annual income of \$59,330. California's combined direct and indirect economic output gain from the mining industry was \$14.4 billion (2005 data).

America's mining industry directly employed over 320,000 employees in 2004, who labored to produce minerals with a total value of over \$67 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.

FACTS ABOUT CALIFORNIA'S MINING INDUSTRY

California accounts for 8.23% of the total U.S. nonfuel mineral production value. It is the only state to produce boron, rare-earth metals and asbestos. Construction sand and gravel, cement, boron and crushed stone are the state's leading nonfuel minerals. Industrial minerals accounted for about 99% of the state's total nonfuel mineral value; gold, silver and iron ore comprised most of the remaining 1%.

Employment ^{1/}		Annual Production Value	
Total State Industry	12,840	Asbestos	W
Number of Mines		Boron Minerals	\$626,000,000
Nonfuel Minerals	590	Cement:	
Annual Wages		Masonry	W
Mining Industry Average ^{2/}	\$59,330	Portland	1,000,000,000
Total State Average		Clays:	
(Private Sector)	\$44,622	Bentonite	2,640,000
Coal Consumption (short tons)		Common	20,700,000
Electric Power	924,000	Fire	n/a
Industrial	1,936,000	Fuller's Earth	n/a
Residential/Commercial	n/a	Kaolin	n/a
Total	2,860,000	Gemstones	1,070,000
Mining's Impact on California's Economy ^{3/}		Gold	43,000,000
(millions)		Lime	W
Output Generated - Direct	\$3,570	Rare-Earth Metals	n/a
Output Generated - Indirect	10,830	Sand and Gravel:	
Total	14,400	Construction	1,280,000,000
Earnings Generated - Direct	622	Industrial	55,700,000
Earnings Generated - Indirect	2,484	Silver	172,000
Total	3,106	Stone:	
Personal Income and Tax Revenue		Crushed	365,000,000
Generated	1,172	Dimension	10,200,000
Employment Impacts		Others *	349,000,000
Employment Generated - Direct	12,800	Total	\$3,760,000,000
Employment Generated - Indirect	63,100	Value of Nonfuel Mineral	
Total	75,900	Production Per Capita	\$104

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 state population.

(2004 U.S. Census Bureau data).

Note: Data may not add to totals because of independent rounding.

1/ Includes employees of all mining sectors, contractors and office workers.

2/ Includes coal.

3/ Data provided by Moore Economics study, *The Economic Contributions of the Mining Industry in 2005* (2005 data).

W Withheld to avoid disclosing company proprietary data.

n/a not available.

* Combined values of clays (fire, fuller's earth, kaolin), diatomite, feldspar, gypsum (crude), iron ore (usable 2001-02), magnesium compounds, perlite (crude), pumice and pumicite, pyrophyllite (crude), salt, soda ash and values indicated by the symbol W.

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