

# Mineral Industry Surveys

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## **ACTIVE METAL AND INDUSTRIAL MINERAL UNDERGROUND MINES IN THE UNITED STATES IN 2004**

Mining companies with underground mines that were active in 2004 and surveyed by the U.S. Geological Survey (USGS) are listed in this report. The list was derived from data reported on the "Mine, Development, and Mineral Exploration Supplement," a statistical survey conducted by the USGS, and from data reported on other individual mineral commodity production surveys; these data were revised based on information derived from annual USGS production and consumption surveys of nonfuel mineral producers for 58 nonfuel mineral commodities produced in the United States. Nonfuel minerals do not include coal, coke, petroleum, and related products.

Total domestic mining for nonfuel mineral materials at underground operations amounted to 155 million metric tons (Mt) in 2004. Crude ore mined at these underground operations amounted to 153 Mt. The balance was ore and waste from development. Total underground mining for industrial minerals amounted to 139 Mt, of which nearly all was crude ore. Underground mining for metal ores amounted to 16 Mt, of which 90% was crude ore.

Company name, as listed in table 1, represents the mine owner. The mine operator, where known, is shown in parentheses. Mineral commodity data listed in table 1 are reported according to the primary product of a mine or operation. The primary product is determined by the product with the highest total value for the year.

**TABLE 1.—METAL AND INDUSTRIAL MINERAL UNDERGROUND MINES  
IN THE UNITED STATES WITH REPORTED PRODUCTION IN 2004**

State and Company	Operation <sup>1</sup>	Commodity <sup>2</sup>	County
<b>Alabama</b>			
Iola Quarry Inc.	Fort Payne Quarry	Stone, crushed	De Kalb
Vetter Stone Company (Alabama Stone Company)	Rockwood Mine	do.	Franklin
<b>Alaska</b>			
Kennecott Minerals Company and Hecla Mining Company (Kennecott Greens Creek Mining Co.)	Greens Creek Mine	Zinc	Juneau
<b>Arkansas</b>			
Unimin Corporation	Guion Mine	Sand and gravel, industrial	Izard
<b>California</b>			
American Borate Co.	Billie Mine	Borates	Inyo
<b>Colorado</b>			
Groupe Polycor Inc. (Georgia Marble Co.)	Yule Mine	Stone, dimension	Gunnison
Phelps Dodge Corp. Sierra Minerals Corporation	Henderson Mine Colorado Mine	Molybdenum Stone, dimension	Clear Creek Arapahoe
<b>Georgia</b>			
Huber Engineered Mineral Imerys Marble, Inc. (Georgia Marble Co.)	Marble Hill Mine Mine #1 Mine #4 New York Mine	Stone, crushed do. do. do.	Pickens Gilmer Pickens Do.
Oglebay Norton Co. (Global Stone Filler Products, Inc.)	Cisco Mine Marble Hill Mine	do. do.	Murray Gilmer
<b>Idaho</b>			
Coeur d'Alene Mines Corp. (Silver Valley Resources Corp.) Hecla Mining Company	Galena Mine Lucky Friday Mine	Silver do.	Shoshone Do.
<b>Illinois</b>			
Bluff City Minerals, Inc. J.M. Huber Corp. Lafarge North America, Inc.	Bluff City Minerals Mine Quincy Mine Fox River Quarry JS&G Underground Mine	Stone, crushed do. do. do.	Madison Adams Kane Will
Martin Marietta Aggregates Vulcan Materials Co.	Kaskaskia Quarry Bartlett Underground Mine Lemont #360 Quarry	do. do. do.	Randolph Cook Will
Western Sand & Gravel Co., The (Conco-Western Stone Co.)	Aurora Quarry and Mine	do.	Kane
<b>Indiana</b>			
Elliott Stone Company Inc. Golden Eagle Industries Inc. (National Gypsum Co.) Hanson Building Materials America, Inc. (Hanson Aggregates Midwest Inc.)	Eureka Mine Shoals Mine Harding Underground Mine	Stone, dimension Gypsum, crude Stone, crushed	Lawrence Martin Marion

See footnotes at end of table.

State and Company	Operation <sup>1</sup>	Commodity <sup>2</sup>	County
<b>Indiana (continued)</b>			
Martin Marietta Aggregates	Kentucky Avenue Mine and Mill	Stone, crushed	Marion
	Kokomo Stone Quarry	do.	Howard
	North Indianapolis Quarry	do.	Marion
	#241 Noblesville Stone	do.	Hamilton
U.S. Gypsum Corporation	Shoals Mine	Gypsum, crude	Martin
<b>Iowa</b>			
Bruening Rock Products, Inc.	S&S Quarry	Stone, crushed	Marion
Douds Stone, Inc.	Lyle Mine	do.	Keokuk
	Underground Mine	do.	Van Buren
Martin Marietta Aggregates	Ames Mine	do.	Story
	Durham Mine	do.	Marion
	Fort Dodge Mine	do.	Webster
	Malcom Mine	do.	Poweshiek
	Sully Mine	do.	Jasper
McCarthy Bush Corp. (Linwood Mining and Minerals Corp.)	Linwood Mine	do.	Scott
River Products Co., Inc., The	Columbus Mine	do.	Louisa
U.S. Gypsum Co.	Sperry Mine	Gypsum, crude	Des Moines
<b>Kansas</b>			
AmeriCold Logistics, LLC	Inland Quarries	Stone, crushed	Wyandotte
Bromley Quarry & Asphalt, Inc.	Bromley Mine and Mill	do.	Atchison
Georgia Pacific Corp.	Blue Rapid Mine	Gypsum, crude	Marshall
Hutchinson Salt Company	Hutchinson Salt Mine <sup>3</sup>	Salt	Reno
Independent Salt Company	Independent Salt Mine <sup>3</sup>	do.	Ellsworth
Lyons Salt Company	Lyons Salt Mine <sup>3</sup>	do.	Rice
Servaes Quarry Co., Inc.	Servaes Quarry	Stone, crushed	Atchison
<b>Kentucky</b>			
Allen Co., Inc., The	Boonesboro Quarry	Stone, crushed	Madison
	Clover Quarry	do.	Jackson
Bourbon Limestone Company	Bourbon Limestone Mine	do.	Bourbon
Carmeuse North America	Black River Mine	do.	Pendleton
	Maysville Mine	do.	Mason
Hanson Building Materials America, Inc. (Hanson Aggregates Midwest Inc.)	Tyrone Mine	do.	Anderson
	Yellow Rock Mine and Mill	do.	Lee
Harrod Concrete & Stone Co.	Glenns Creek Mine and Mill	do.	Franklin
Houchens Industries Inc.	Grayson County Quarry	do.	Grayson
Lexington Quarry Company	Catnip Hill Quarry	do.	Jessamine
Liters Quarry of Indiana Inc.	Lockport Quarry and Mine	do.	Henry
Nally & Gibson Georgetown LLC	Georgetown Quarry	do.	Scott
Ragland Quarry Inc.	Ragland Quarry Inc.	do.	Grayson
Rogers Group, Inc.	Jefferson Quarry	do.	Jefferson
	Marion Mine and Mill	do.	Crittenden
Rogers Group, Inc.	Oldham County Mine	Stone, crushed	Oldham
	Princeton Mine	do.	Caldwell
Sterling Ventures LLC	Sterling Material Mine	do.	Gallatin
Vulcan Materials Co.	Central #512 Quarry	do.	Fayette
	Richmond Road #510 Quarry	do.	Do.
<b>Louisiana</b>			
Cargill, Inc.	Avery Island Mine <sup>3</sup>	Salt	Iberia
Compass Minerals International (North American Salt Co.)	Cote Blanche Mine <sup>3</sup>	do.	St. Mary

See footnotes at end of table.

State and Company	Operation <sup>1</sup>	Commodity <sup>2</sup>	County
<b>Louisiana (continued)</b>			
Morton International Inc.	Weeks Island Mine and Plant <sup>3</sup>	Salt	Iberia
<b>Maryland</b>			
Maryland Materials, Inc.	Thayerville Mine	Stone, crushed	Garrett
<b>Michigan</b>			
Detroit Salt Co., LLC	Detroit Salt Mine <sup>3</sup>	Salt	Wayne
Georgia Pacific Corp.	Grand Rapids Mine	Gypsum, crude	Kent
<b>Missouri</b>			
Doe Run Resources Corp.	Brushy Creek Mine	Lead	Reynolds
	Buick Mine	do.	Iron
	Fletcher Mine	do.	Reynolds
	Sweetwater Mine	do.	Do.
	Viburnum #28 and #35 Mine	do.	Iron
Doss and Harper Stone Co.	Limestone Quarry	Stone, crushed	Howell
Fred Weber, Inc.	New Melle Quarry	do.	St. Charles
Lafarge North America, Inc.	Courtney Ridge Plant	do.	Jackson
	Independence Quarry	do.	Do.
	Sugar Creek Mine	do.	Do.
	Parkville #378 Quarry	do.	Platte
Martin Marietta Aggregates (Hunt Midwest Enterprises, Inc.)	Randolph Mine	do.	Clay
	Stamper Underground Mine	do.	Do.
	Peerless Mine	do.	Ste. Genevieve
Norris Asphalt Paving Company	Norris Aggregate Products	do.	Randolph
Springfield Underground, Inc. (Joplin Stone Co.)	Springfield Mine	do.	Greene
Table Rock Asphalt Constr. Co., Inc.	Quarry #1	do.	Taney
	Quarry #3	do.	Stone
Uehlin Quarry Company	Uehlin Underground Mine	do.	Andrew
<b>Montana</b>			
Revett Minerals, Inc.	Troy Mine	Silver	Lincoln
Stillwater Mining Co.	East Boulder Mine	Platinum-group metals	Sweetgrass
	Stillwater Mine	do.	Stillwater
<b>New York</b>			
Peckham Industries, Inc.	Wingdale Mine	Stone, crushed	Dutchess
<b>Nevada</b>			
Barrick Goldstrike Mines, Inc.	Meikle Mine	Gold	Elko
Hecla Mining Company	Hollister Development Project <sup>4</sup>	do.	Humboldt
Huck Salt Co.	Huck Salt Mine <sup>3</sup>	Salt	Churchill
Newmont Mining Corp,	Carlin Mines operations (multiple mines)	Gold	Elko and Eureka
	Midas Mine	do.	Elko
	Placer Dome U.S. Inc.	Turquoise Ridge Mine	do.
Queenstake Resources USA, Inc.	Jerritt Canyon Mines:	do.	Elko
	Lee Smith Mine	do.	Do.
	Murray Mine	do.	Do.
	SSX Mine	do.	Do.
<b>New Mexico</b>			
Intrepid Mining LLC	East Mine	Potash	Eddy
	West Mine	do.	Do.
Mosaic Co., The Molycorp, Inc.	Mosaic Mine	do.	Do.
	Questa Mine	Molybdenum	Taos

See footnotes at end of table.

State and Company	Operation <sup>1</sup>	Commodity <sup>2</sup>	County
<b>New York</b>			
American Rock Salt Co., LLC	Hampton Corners Mine <sup>3</sup>	Salt	Livingston
Cargill, Inc.	Lansing Mine	do.	Tompkins
Peckham Industries, Inc.	Wingdale Mine	Stone, crushed	Dutchess
<b>Ohio</b>			
Cargill, Inc.	Cleveland Mine <sup>3</sup>	Salt	Cuyahoga
East Fairfield Coal Co., The Limestone Division	Petersburg Mine	Stone, crushed	Mahoning
Morton International Inc.	Fairport Mine <sup>3</sup>	Salt	Lake
Stone Creek Brick Co.	Clay Mine	Clay	Tuscarawas
<b>Oklahoma</b>			
U.S. Lime & Minerals Inc. (U.S. Lime Company)	St. Clair Operation	Stone, crushed	Sequoyah
<b>Pennsylvania</b>			
Bradys Bend Corp	Kaylor #3 Mine	do.	Armstrong
Coolspring Stone Supply, Inc.	Coolspring Quarry	do.	Fayette
Graymont, Inc.	Genteel Quarry	do.	Centre
Hanson Building Materials America, Inc.	Latrobe Quarry	do.	Westmoreland
	Torrance Quarry	do.	Do.
	Whitney Underground Plant	do.	Do.
Keystone Lime Co., Inc.	Eichorn Quarry	do.	Somerset
Winfield Lime & Stone Co., Inc.	Winfield Mine and Mill	do.	Butler
<b>Tennessee</b>			
Franklin Industries	Anderson Mine	Stone, crushed	Franklin
	Crab Orchard Mine	do.	Cumberland
Vulcan Material Co.	Columbia #557 Quarry	do.	Maury
	Richard City #021 Mine	do.	Marion
<b>Texas</b>			
Chemical Lime Co.	Clifton Mine	do.	Bosque
J.M. Huber Corp.	Marble Falls Plant	do.	Burnet
	Huber Engineered Mine	do.	Do.
Morton International Inc.	Grand Saline Plant & Mine <sup>3</sup>	Salt	Van Zandt
Texas Architectural Aggregates	Van Horn Mine	Stone, crushed	Culberson
Texas United Corp. (United Salt Corporation)	Hockley Mine <sup>3</sup>	Salt	Harris
Redmond Minerals, Inc.	Sevier City Mine	do.	Sevier
<b>Utah</b>			
Cedarstrom Calcite Co.	Calcite Mine	Stone, crushed	Utah
Redmond Minerals, Inc. (Redmond Clay & Salt Co., Inc.)	Redmond Salt Mines <sup>3</sup>	Salt	Sevier
<b>Vermont</b>			
Vermont Quarries Co.	Vermont Quarries Mine	Stone, dimension	Rutland
<b>Virginia</b>			
Chemical Lime Co.	Kimballton Mine	Stone, crushed	Giles
<b>Washington</b>			
Teck Cominco Alaska Inc. (Teck Cominco American Inc.)	Pend Oreille Mine	Zinc	Pend Oreille

See footnotes at end of table.

State and Company	Operation <sup>1</sup>	Commodity <sup>2</sup>	County
<b>West Virginia</b>			
Greer Industries, Inc.	Decker Creek Mine	Stone, crushed	Monongalia
	Greer Mine	do.	Do.
Martin Marietta Aggregates	Burning Springs #428 Mine	do.	Wood
	Manheim Mine	do.	Preston

<sup>1</sup>Excludes operations with production from brine wells and solution mining.

<sup>2</sup>Primary product of a mine or operation (highest total value for the year).

<sup>3</sup>Rock salt mined by the room and pillar method.

<sup>4</sup>Drilling only.

Sources: U.S. Geological Survey and U.S. Department of Labor, Mine Safety and Health Administration (MSHA).