

# Mineral Industry Surveys

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## DIRECTORY OF ACTIVE METAL AND INDUSTRIAL MINERAL UNDERGROUND MINES IN THE UNITED STATES IN 2013

Mining companies with underground mines that were active in 2013 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” statistical survey conducted by the USGS and from data reported on other individual mineral commodity production surveys. These surveys accounted for 58 nonfuel mineral commodities produced in the United States. Nonfuel minerals do not include coal, oil and gas, petroleum coke, uranium, and related products.

Total domestic ore and waste removal for nonfuel mineral materials production at underground operations was 154 million metric tons (Mt) in 2013. Crude ore mined at these underground operations was 150 Mt. The balance was waste removed, including ore and waste from development operations. Total underground mining for industrial minerals and metals removed 134 Mt and 20 Mt of material, respectively, nearly all of which was crude ore.

Company names, as listed in table 1, represent the mine owners.

Mineral commodity data listed in table 1 are reported according to the primary or principal product of a mine or operation. The primary product is the product with the highest total value for 2013.

**Table 1.—Metal and industrial mineral underground mines in the United States with reported production in 2013.**

State and company	Operation <sup>1</sup>	Commodity <sup>2</sup>	County <sup>3</sup>
<b>Alaska</b>			
Coeur Mining, Inc.	Kensington Mine	Gold	Juneau (B).
Hecla Mining Co.	Greens Creek Mine	Zinc	Do.
Fire River Gold Corp. (Mystery Creek Resources, Inc.)	Nixon Fork Mine	Gold	Yukon-Koyukuk (CA).
Sumitomo Metal Mining Co.	Pogo Mine	do.	Southeast Fairbanks (CA).
<b>Arizona</b>			
American Bonanza Gold Corp.	Copperstone Mine	Gold	La Paz.
Oracle Ridge Mining, LLC	Oracle Ridge <sup>4</sup>	Copper	Pima.
<b>Arkansas</b>			
Unimin Corp.	Guion Mine	Stone, crushed	Izard.
<b>California</b>			
French Gulch Nevada Mining	Washington Mine <sup>4</sup>	Gold	Shasta.

State and Company	Operation <sup>1</sup>	Commodity <sup>2</sup>	County
<b>California (continued)</b>			
Original Sixteen to One Mine, Inc. Sutter Gold Mining Co.	Sixteen to One Mine Lincoln Mine project	Gold do.	Sierra. Amador.
<b>Colorado</b>			
Colorado Stone Quarries, Inc. Freeport-McMoRan Copper & Gold, Inc.	Yule Quarry Henderson Mine	Stone, dimension Molybdenum	Gunnison. Clear Creek.
<b>Georgia</b>			
Carmeuse Lime & Stone Do. Imerys Do. J.M. Huber Corp.	Cisco Mine Marble Hill Mine Mine #4 New York Mine Miss Linda Mine	Stone, crushed do. do. do. do.	Murray. Gilmer. Pickens. Do. Do.
<b>Idaho</b>			
Greyhound Mine & Milling, Co. Hecla Mining Co. U.S. Silver & Gold, Inc. and Scorpio Mining Corp.	Golden Eagle Mine <sup>4</sup> Lucky Friday Mine Galena Mine	Gold Silver do.	Ada. Shoshone. Do.
<b>Illinois</b>			
Fred Weber, Inc. J.M. Huber Corp. Lafarge North America, Inc. Do. Do. Mining International, LLC Vulcan Materials Co. Do.	Bluff City Mine Quincy Mine Conco Mine Fox River Quarry JS&G Underground Mine POWC Mine Bartlett Quarry Lemont Underground Mine	Stone, crushed do. do. do. do. do. do. do.	Madison. Adams. Kane. Do. Will. Do. Cook. Do.
<b>Indiana</b>			
Elliott Mineral Extraction, Inc. Martin Marietta Aggregates Do. Do. Mulzer Crushed Stone, Inc. Do. National Gypsum Co. Rogers Group, Inc.	Eureka Underground Mine Kentucky Avenue Mine Kokomo Mine Noblesville Stone Cape Sandy Cape Sandy #2 Mine Shoals Mine Bloomington Underground Mine	Stone, dimension Stone, crushed do. do. do. do. Gypsum, crude Stone, crushed	Lawrence. Marion. Howard. Hamilton. Crawford. Do. Martin. Monroe.
<b>Iowa</b>			
Bruening Rock Products, Inc. Douds Stone, Inc. Do. Martin Marietta Aggregates Do. Do. Do. McCarthy-Bush Corp. River Products Co., Inc. USG Corp.	S&S quarry Douds Mine Lyle Mine Ames Mine Fort Dodge Mine Malcom Mine Sully Mine Linwood Mine Columbus Junction Mine Sperry Mine	Stone, crushed do. do. do. do. do. do. do. do. do. Gypsum, crude	Marion. Van Buren. Keokuk. Story. Webster. Poweshiek. Jasper. Scott. Louisa. Des Moines.
<b>Kansas</b>			
Georgia-Pacific, LLC	Blue Rapids Mine	Gypsum, crude	Marshall.

See footnotes at end of table.

State and Company	Operation <sup>1</sup>	Commodity <sup>2</sup>	County
<b>Kansas (continued)</b>			
Hutchinson Salt Co.	Hutchinson Salt Mine	Salt	Reno.
Independent Salt Co.	Independent Salt Mine	do.	Ellsworth.
Lyons Salt Co.	Lyons Salt Mine	do.	Rice.
Servaes Quarry Co., Inc.	Servaes Quarry	Stone, crushed	Atchison.
<b>Kentucky</b>			
Allen Co., Inc., The	Boonesboro Quarry	Stone, crushed	Madison.
Do.	Clover Bottom Quarry	do.	Jackson.
Do.	Catnip Hill Mine	do.	Jefferson.
Carmeuse Lime & Stone	Black River Mine	do.	Pendleton.
Do.	Maysville Mine	do.	Mason.
Dix River Stone Co.	Dix River Mine	do.	Garrard.
Harrod Concrete and Stone Co.	Glenns Creek Mine	do.	Franklin.
Houchen Industries, Inc.	Grayson Quarry	do.	Grayson.
Lehigh Hanson, Inc.	Mt. Vernon Mine	do.	Rockcastle.
Do.	Tyrone Mine	do.	Anderson.
Liter's, Inc.	Lockport Mine	do.	Henry.
Nally & Gibson Georgetown, LLC	Georgetown Quarry	do.	Scott.
Rogers Group, Inc.	Jefferson Quarry	do.	Jefferson.
Do.	Princeton Mine	do.	Caldwell.
Sterling Ventures, LLC	Sterling Materials Mine	do.	Gallatin.
Summit Materials, LLC	Bourbon Street Mine	do.	Bourbon.
Vulcan Materials Co.	Central Quarry	do.	Fayette.
Do.	Richmond Road quarry	do.	Do.
Yager Materials, LLC	Riverside Stone Underground Mine	do.	Meade.
<b>Louisiana</b>			
Cargill, Inc.	Avery Island Mine	Salt	Iberia (P).
Compass Minerals, Inc.	Cote Blanche Mine	do.	St. Mary (P).
Morton International, Inc.	Weeks Island Mine	do.	Iberia (P).
<b>Maryland</b>			
Maryland Materials, Inc.	Thayerville Mine	Stone, crushed	Garrett.
<b>Michigan</b>			
Detroit Salt Co., LLC	Detroit Salt Mine	Salt	Wayne.
Lundin Mining Corp.	Eagle Mine Project <sup>4</sup>	Nickel	Marquette.
<b>Missouri</b>			
Doe Run Resources Corp.	Brushy Creek Mine	Lead	Reynolds.
Do.	Buick Mine	do.	Iron.
Do.	Fletcher Mine	do.	Reynolds.
Do.	Sweetwater Mine	do.	Do.
Do.	Viburnum #29 Mine	do.	Washington.
Do.	Viburnum #35 Mine	do.	Iron.
Eagle Materials, Inc.	Kentucky Road Quarry	Stone, crushed	Jackson.
Do.	Sugar Creek	do.	Do.
Lafarge North America, Inc.	Courtney Ridge Plant	do.	Do.
Martin Marietta Aggregates	Parkville Quarry	do.	Platte.
Do.	Randolph Quarry	do.	Clay.
Do.	Stamper Quarry	do.	Platte.
Mississippi Lime Co.	Peerless Quarry	do.	Ste. Genevieve.
Springfield Underground, Inc.	Springfield Mine	do.	Greene.

See footnotes at end of table.

<b>State and Company</b>	<b>Operation<sup>1</sup></b>	<b>Commodity<sup>2</sup></b>	<b>County</b>
<b>Missouri (continued)</b>			
Summit Minerals LLC	Hannibal	Stone, crushed	Ralls.
Table Rock Asphalt Construction Co., Inc.	Quarry #1	do.	Taney.
Do.	Quarry #3	do.	Stone.
<b>Montana</b>			
Stillwater Mining Co.	East Boulder Mine	Platinum-group metals	Sweet Grass.
Do.	Stillwater Mine	do.	Stillwater.
U.S. Silver & Gold, Inc.	Drumlummon Mine	Silver	Lewis and Clark.
<b>Nebraska</b>			
Kerford Limestone Co.	Kerford Quarry	Stone, crushed	Cass.
Martin Marietta Aggregates	Weeping Water Mine	do.	Do.
PCS Phosphate Co., Inc.	PCS Phosphate Co., Inc. Mine	Phosphate rock	Do.
<b>Nevada</b>			
Barrick Gold Corp.	Goldstrike mines: Meikle Mine Rodeo Mine Storm Mine	Gold	Elko and Eureka.
Barrick Gold Corp. (Newmont Mining Corp.)	Turquoise Ridge Mine	do.	Humboldt.
Huck Salt Co.	Huck Salt Mine	Salt	Churchill.
Newmont Mining Corp.	Nevada Operations (multiple mines)	Gold	Elko and Eureka.
Small Mine Development LLC	Chukar	do.	Eureka.
Do.	Exodus	do.	Do.
Veris Gold Corp.	Jerritt Canyon Complex: <sup>4</sup> Lee Smith Mine SSX Mine Starvation Canyon Mine	do.	Elko.
Waterton Global Mining Company, LLC	Hollister Mine	do.	Do.
<b>New Mexico</b>			
Intrepid Potash, Inc.	East Mine	Potash	Eddy.
Do.	West Mine	do.	Do.
Mosaic Co., The	Mosaic Potash Carlsbad, Inc.	do.	Do.
<b>New York</b>			
American Rock Salt Co., LLC	Hampton Corners Mine	Salt	Livingston.
Cargill, Inc.	Cayuga Mine	do.	Tompkins.
Peckham Industries, Inc.	Wingdale Mine	Stone, crushed	Dutchess.
Vanderbilt Minerals LLC (R.T. Vanderbilt Holding Co., Inc.)	No. 4 Mine	Wollastonite	Lewis.
<b>Ohio</b>			
Arch Materials, LLC	Batavia Mine	Stone, crushed	Clermont.
Cargill, Inc.	Cleveland Mine	Salt	Cuyahoga.
East Fairfield Coal Co.	Limestone Division: Petersburg Mine Subtropolis Mine	Stone, crushed	Mahoning.
Morton International, Inc.	Fairport Mine	Salt	Lake.

See footnotes at end of table.

<b>State and Company</b>	<b>Operation<sup>1</sup></b>	<b>Commodity<sup>2</sup></b>	<b>County</b>
<b>Ohio (continued)</b>			
Oldcastle Materials, Inc.	Columbus Limestone	Stone, crushed	Muskingum.
Do.	Fultonham Plant	do.	Franklin.
<b>Oklahoma</b>			
United States Lime & Minerals, Inc.	U.S. Lime Company, St. Clair Mine	Stone, crushed	Sequoyah.
<b>Pennsylvania</b>			
Bradys Bend Corp.	Kaylor #3 Mine	Stone, crushed	Armstrong.
Coolspring Stone Supply, Inc.	Coolspring Quarry	do.	Fayette.
Garrett Limestone, Inc.	Romesburg Mine	do.	Somerset.
Graymont, Ltd.	Pleasant Gap Mine	do.	Centre.
Keystone Lime Co., Inc.	Eichorn Mine	do.	Somerset.
Lehigh Hanson, Inc.	Rich Hill Underground Mine	do.	Fayette.
Do.	Springfield Pike Mine	do.	Do.
Do.	Torrance Mine	do.	Westmoreland.
Do.	Whitney Plant	do.	Do.
M&M Lime Co., Inc.	M&M Lime Co., Inc. Mine	do.	Armstrong.
Oldcastle Materials, Inc.	Thomasville Quarry	do.	York.
Vantacore Partners LP	Lake Lynn Quarry	do.	Fayette.
<b>Tennessee</b>			
Carmeuse Lime & Stone	Chesney Underground Mine	Stone, crushed	Union.
Lhoist North America	Anderson Mine	do.	Franklin.
	Crab Orchard Mine	do.	Cumberland.
Nyrstar NV	East Tennessee Zinc Complex: Coy Mine	Zinc	Jefferson and Knox.
	Immel Mine		
	Young Mines		
Do.	Mid-Tennessee Zinc Complex: Cumberland Mine	do.	Smith.
	Elmwood Mine		
	Gordonsville Mines		
Vulcan Materials Co.	Richard City Mine	Stone, crushed	Marion.
<b>Texas</b>			
Aurcana Corp.	Shafter project <sup>4</sup>	Silver	Presidio.
J.M. Huber Corp.	Michel Mine	Stone, crushed	Burnet.
Lhoist North America	Clifton Mine	do.	Bosque.
Morton International, Inc.	Grand Saline Salt Mine	Salt	Van Zandt.
Texas Architectural Aggregate, Inc.	White Marble Mine	Stone, crushed	Culberson.
United Salt Corp.	Hockley Salt Mine	Salt	Harris.
<b>Utah</b>			
Redmond Minerals, Inc.	Redmond Salt Mines	Salt	Sevier.
<b>Virginia</b>			
Lhoist North America	Kimballton Plant 1	Stone, crushed	Giles.
<b>Washington</b>			
Kinross Gold Corp.	Kettle River-Buckhorn Mine	Gold	Okanogan.
Teck Resources, Ltd.	Pend Oreille Mine <sup>4</sup>	Zinc	Pend Oreille.
<b>West Virginia</b>			
Greer Industries, Inc.	Cheat River Limestone Mine	Stone, crushed	Preston.

See footnotes at end of table.

<b>State and Company</b>	<b>Operation<sup>1</sup></b>	<b>Commodity<sup>2</sup></b>	<b>County</b>
<b>West Virginia (continued)</b>			
Greer Industries, Inc.	Decker's Creek Mine	Stone, crushed	Monongalia.
Do.	Greer Limestone Mine	do.	Do.
Martin Marietta Aggregates	Burning Springs Mine	do.	Wood.
<b>Wisconsin</b>			
Wisconsin Industrial Sand Company, LLC	Bay City Mine	Sand and gravel, industrial	Pierce.
Do.	Hager City	do.	Do.
Do.	Maiden Rock Mine	do.	Do.
<b>Wyoming</b>			
FMC Wyoming Corp.	Granger Mine	Soda ash	Sweetwater.
FMC Wyoming Corp. (Sumitomo Corp., Nippon Sheet Glass Co., Ltd.)	Green River Mine (FMC)	do.	Do.
OCI Wyoming, LLC (Natural Resources Partner L.P.)	Big Island Mine	do.	Do.
Solvay Chemicals, Inc. (Asahi Glass Co.)	Green River Mine (Solvay)	do.	Do.
Tata Chemicals [Soda Ash] Partners (Owens-Illinois, Inc.)	Tata Chemicals Mine	do.	Do.

Do., do. Ditto.

<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>In Alaska, Borough (B), Census Area (CA), and Louisiana, Parish (P) names are used instead of County names.

<sup>4</sup>Development or exploration project.

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