

## Number of Indiana Industrial Mineral Operations and Companies and National Production Rank in 2005<sup>1</sup>

Commodity	Number of Operations	Number of Companies	National Rank (Production)
Cement portland masonry	4	3	10 W <sup>2</sup>
Clay and shale, common	11	10	14
Crushed stone, limestone and dolomite	90	36	12
Dimension limestone <sup>3</sup>	19	15	1
Dimension sandstone	5	5	NA
Gypsum	2	2	6
Lime	2	2	8
Peat	4	4	6
Sand and gravel, construction <sup>4</sup>	177	108	12
Sand, industrial	1	1	30
Slag	17	7	1
Total	332	172 <sup>5</sup>	XX <sup>6</sup>

<sup>1</sup> Source of data: U.S. Mine Safety and Health Administration, Indiana Geological Survey, and U.S. Geological Survey preliminary data. All data for 2005 except national rank which is for 2004.

<sup>2</sup> Data withheld by the U.S. Geological Survey. Indiana usually ranks in the top 5 states.

<sup>3</sup> Includes all geologic formations. Those producing from the Salem Formation total 11 companies with 14 quarries.

<sup>4</sup> Does not include sand and gravel operations producing only pit run material.

<sup>5</sup> Not a sum of this column. Some companies produce more than one commodity.

<sup>6</sup> Not applicable. Indiana ranked 24<sup>th</sup> nationally in value of industrial minerals produced in 2005.

**Number of Surface and Underground Industrial Mineral  
Operations in Indiana in 2005<sup>1</sup>**

<b>Commodity</b>	<b>Number of Surface Plants or Mines</b>	<b>Number of Underground Mines</b>	<b>Total Number of Operations</b>
Cement portland & masonry <sup>2</sup>	4		4
Clay and shale, common	11		11
Crushed stone, limestone and dolomite	82	8 <sup>3</sup>	90
Dimension limestone	18	1	19
Dimension sandstone	5		5
Gypsum		2	2
Lime	2		2
Peat	4		4
Sand and Gravel, construction <sup>4</sup>	177		177
Sand, industrial	1		1
Slag	17		17
<b>Total</b>	<b>321</b>	<b>11</b>	<b>332</b>

<sup>1</sup> Source of data: U.S. Mine Safety and Health Administration and Indiana Geological Survey.

<sup>2</sup> All four produce portland cement, two of the plants also produce masonry cement.

<sup>3</sup> Two are idled, one of them may not reopen.

<sup>4</sup> Does not include sand and gravel operations producing only pit-run material.

**Indiana Industrial Minerals, Coal, and Oil and Natural Gas Extraction  
Employment Statistics in 2005**

<b>Commodity Type</b>	<b>Employment</b>	<b>Total Employee Hours</b>
Industrial Minerals	3,628	7,477,953
Coal	2,788	6,888,402
Oil and Natural Gas	236	NA

Source of data: U.S. Mine Safety and Health Administration and Indiana Department of Workforce Development. All data are for 2005 with the exception of Oil and Natural Gas which are for 2003. Data include office workers.

**Number of Indiana Coal Companies, Surface Mines, and Underground Mines, and National Production Rank in 2005**

<b>Commodity</b>	<b>Number of Companies</b>	<b>Number of Surface Mines</b>	<b>Number of Underground Mines</b>	<b>Rank</b>
Coal	11	23	7	8

Source of data: Indiana Dept. of Natural Resources, Div. of Reclamation, and U.S. Department of Energy, Energy Information Administration. Preliminary data. Producing coal mines only; does not include idled mines or mines in reclamation.

**Coal Resources of Indiana by County in 2005<sup>1</sup>**  
(thousands of short tons)

County	Total Remaining Resources			Recoverable Resources <sup>2</sup>		
	Surface	Underground	Total	Surface	Underground	Total
Clay	341,037	504,684	845,721	272,830	252,342	525,172
Daviess	61,909	239,004	300,913	49,527	119,502	169,029
Dubois	835	0	835	668	0	668
Fountain-Warren	40,046	7,204	47,250	32,037	3,602	35,639
Gibson	244,369	5,928,103	6,172,471	195,495	2,964,051	3,159,546
Greene	191,795	448,988	640,783	153,436	224,494	377,930
Knox	139,340	4,406,313	4,545,652	111,472	2,203,156	2,314,628
Martin	101,602	22	101,624	81,281	11	81,292
Owen	58,180	0	58,180	46,544	0	46,544
Parke	11,169	59,004	70,173	8,935	29,502	38,437
Perry	52,434	0	52,434	41,947	0	41,947
Pike	122,156	715,012	837,168	97,725	357,506	455,231
Posey	0	5,740,782	5,740,782	0	2,870,391	2,870,391
Spencer	43,967	4	43,971	35,174	2	35,176
Sullivan	269,825	6,963,978	7,233,803	215,860	3,481,989	3,697,849
Vanderburgh	0	2,166,906	2,166,906	0	1,083,453	1,083,453
Vermillion	18,020	588,690	606,710	14,416	294,345	308,761
Vigo	265,285	2,897,640	3,162,925	212,228	1,448,820	1,661,048
Warrick	112,340	1,031,936	1,144,276	89,872	515,968	605,840
<b>Total</b>	<b>2,074,309</b>	<b>31,698,269</b>	<b>33,772,578</b>	<b>1,659,447</b>	<b>15,849,135</b>	<b>17,508,581</b>

<sup>1</sup> Source of data: Indiana Department of Natural Resources Division of Reclamation and the Indiana Geological Survey. Includes 2005 coal production.

<sup>2</sup> Based on 80% recoverability for surface mines and 50% recoverability for underground mines.