STATE OF OHIO
Ted Strickland, Governor

DEPARTMENT OF NATURAL RESOURCES
Sean D. Logan, Director

DIVISION OF GEOLOGICAL SURVEY
Lawrence H. Wickstrom, Chief

DIVISION OF GEOLOGICAL SURVEY
2045 MORSE RD., BLDG. C-1
COLUMBUS, OHIO 43229-6693
(614) 265-6576
(614) 447-1918 (FAX)
e-mail: geo.survey@dnr.state.oh.us
World Wide Web: http://www.ohiodnr.com/geosurvey/

2007 Report on Ohio Mineral Industries: An Annual Summary of the State's Economic Geology

WITH

DIRECTORIES OF REPORTING
COAL AND INDUSTRIAL MINERAL OPERATORS

compiled by

Mark E. Wolfe

Database design and data retrieval: Joseph G. Wells
Interactive mineral industries map/digital cartography: Donovan M. Powers
Typesetting and layout: Lisa Van Doren

Columbus
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2007 OHIO MINING ACTIVITIES IN BRIEF

Reports were filed in 2007 for 139 coal-mining operations, including 5 mines with their own coal-washing facility. Coal production was reported from 86 of these 139 operations. Reports also were filed for 16 separate coal-washing plants and associated facilities. Of 623 industrial-mineral-mining operations known to be operating in 2007, 447 operations were active. A total of 33 mines reported production of multiple mineral commodities. Of this total, 30 mines reported production of multiple industrial minerals, including 6 mines reporting production of multiple industrial minerals and coal; 4 mines reported production of coal and one industrial mineral. There were 871 new wells completed for oil and gas in 2007, of which 827 were productive and 44 were dry.

The total value[1] of coal was $655,605,082 in 2007; the value of oil and gas was $1,021,124,854 and the total value[1] of all nonfuel industrial minerals was $868,037,410 in 2007.

[1]Includes reported and estimated values. Some operations reporting sales did not report a value for those sales. A countywide- or statewide-average price per ton was calculated for each industrial mineral commodity based on sales for which the value was reported. A countywide average price per ton was calculated for coal based on sales for which the value was reported and method of production. These calculated averages were used to estimate the value of the sales for which the actual values were not reported.

TABLE 1.—*2007 Mineral sales and production in Ohio*

Commodity	Sales[1]	Production[2]	Value[3]	Change in value from 2006 (percent)
Coal	23,083,739 tons	22,283,072 tons	$655,605,082	+6.0
Limestone and dolomite	67,689,736 tons	66,804,454 tons	$485,378,522	–6.7
Sand and gravel	37,194,186 tons	37,122,652 tons	$217,295,856	–12.1
Salt	4,844,659 tons	4,598,402 tons	$109,998,679	–11.5
Sandstone and conglomerate	1,679,523 tons	1,676,858 tons	$41,998,461	–3.6
Clay	706,798 tons	707,313 tons	$6,857,894	–9.8
Shale	1,212,366 tons	1,212,366 tons	$6,507,998	–11.0
Gas	[4]	88,094,732 MCF[5]	$651,901,017	–2.6
Oil	[4]	5,454,629 barrels	$369,223,837	+9.1

[1]Includes material for captive use.
[2]The production figures for the industrial minerals are estimates. Many operators do not know actual production. Some operators report estimates, other operators do not report any production. For those operators who do not report production, production is assumed to equal sales.
[3]The FOB value of industrial minerals sold was estimated for mines that failed to report this information and for those producing material for captive use. These estimates were calculated using a countywide- or statewide-average price per ton calculated on reported FOB values.
[4]Figure not available.
[5]Thousand cubic feet.

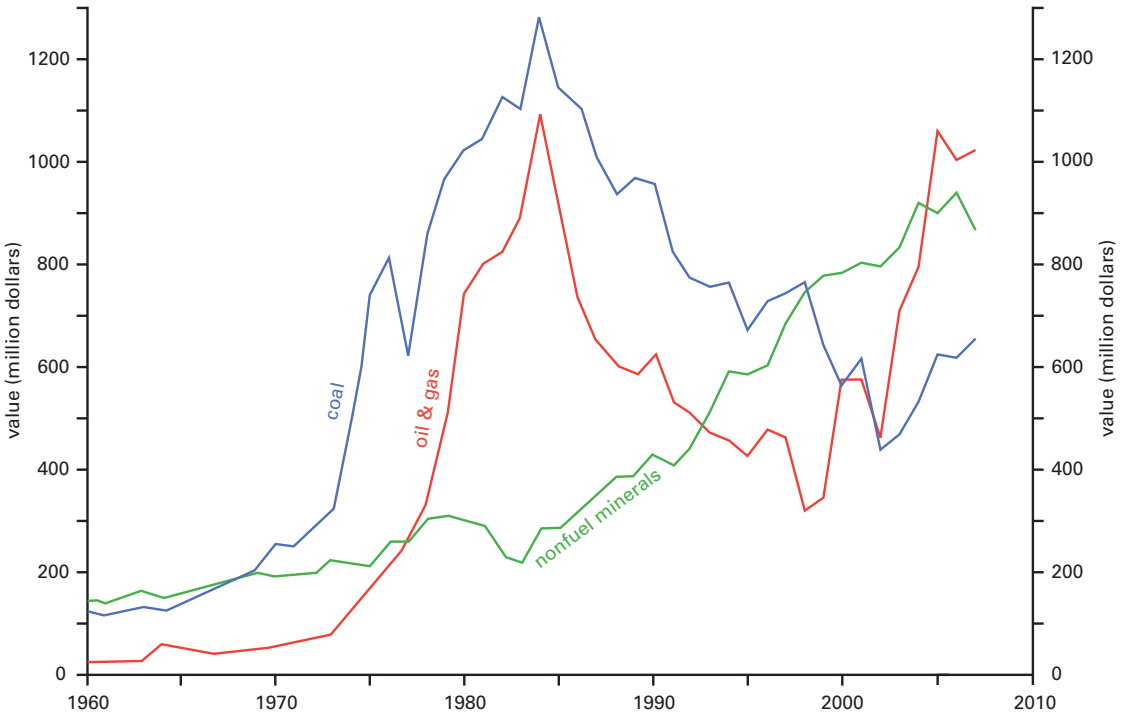

FIGURE 1.—Value of coal, nonfuel minerals, and oil and gas in Ohio.

COAL

Coal was produced by 29 companies at 86 mines in 16 Ohio counties during 2007. Production decreased 1.9 percent from 2006, totaling 22,283,072 tons in 2007; 6,461,040 tons (29.0 percent of total production) were produced at 74 surface mines, and 15,822,032 tons (71.0 percent of total production) were produced at 12 underground mines. In 2007, tonnage from underground production exceeded tonnage from surface production, continuing a trend that began in 1995. Of 26 coal-producing states, Ohio ranked 14th in 2007. The top five states, in descending order of production, are Wyoming (453.6 million tons), West Virginia (153.5 million tons), Kentucky (115.3 million tons), Pennsylvania (65.1 million tons), and Texas (41.9 million tons). These five states produced 72.4 percent of the nation's coal in 2007. Ohio produced 1.9 percent of the nation's coal in 2007. The top five coal-consuming states, in descending order of consumption, are Texas, Indiana, Ohio, Pennsylvania, and Illinois. These five states used 32.2 percent of the total coal consumed by all 50 states in 2007.[2]

In comparison to 2006, 1 more mine produced more than 1,000,000 tons, 1 less mine produced between 500,000 and 999,999 tons, 2 less mines produced between 250,000 and 499,999 tons, 4 less mines produced between 50,000 and 249,999 tons and 9 more mines produced less than 50,000 tons. There was a net increase of 1 mine in 2007.

The five leading counties for 2007 production were Monroe, Belmont, Harrison, Tuscarawas, and Perry Counties; these counties produced 81.7 percent of the 2007 total production. A total of 23,083,739 tons of coal were sold in 2007; total value[3] was $655,605,082. The average price per ton of all coal sold was $28.40; surface-mined coal averaged $28.44 per ton and underground-mined coal averaged $28.39.

In underground mining, 64.5 percent of the coal was produced by longwall mining and 35.5 percent was mined by continuous miner; no coal was produced by conventional mining in 2007. In surface operations, 91.0 percent of the coal was mined by conventional surface methods, and 9.0 percent was auger mined.

The Pittsburgh (No. 8) coal was the most heavily mined seam, followed by the Middle Kittanning (No. 6), Upper Freeport (No. 7), Lower Freeport (No. 6A), and Meigs Creek (No. 9) seams. Coal produced from these five seams constituted 75.8 percent of the total 2007 production.

A total of 16,797,490 tons of washed coal was reported in 2007. Reports from 11 coal-washing plants indicate an average 27.9 percent loss in washing.

Rail was the primary means of coal disposition, carrying 60.9 percent of the total sales. Trucking transported 38.0 percent and water carried 1.1 percent of the coal sold in 2007. A total of 119,200 tons (0.6 percent) of the coal produced was reported as stored.

The total average annual employment reported in 2007 was 2,204 employees; 1,531 of these were production employees. Production employees worked an average of 193 days producing coal in 2007. The average annual wage earned by all production employees was $58,229 based on those employees for whom wages were reported. The average annual wage for surface-mine production employees was $48,673, and the average annual wage for underground-mine production employees was $60,742. Wages earned by all employees totaled $128,335,774 in 2007.

[2]Information from U.S. Department of Energy, Energy Information Administration.
[3]Includes reported and estimated values. See footnote 1, p. 1.

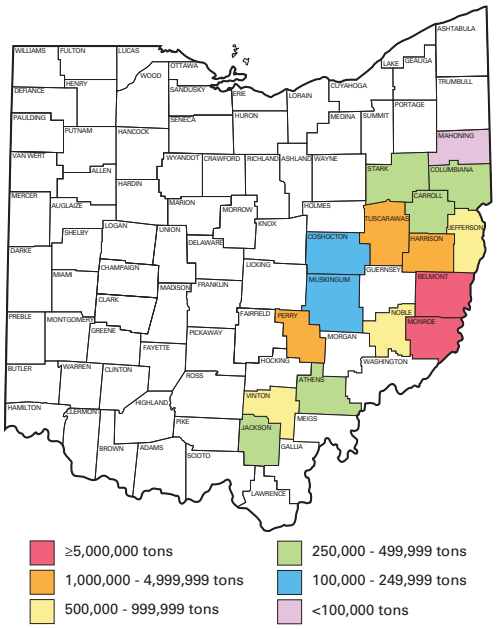

FIGURE 2.—Coal production in Ohio in 2007, by county.

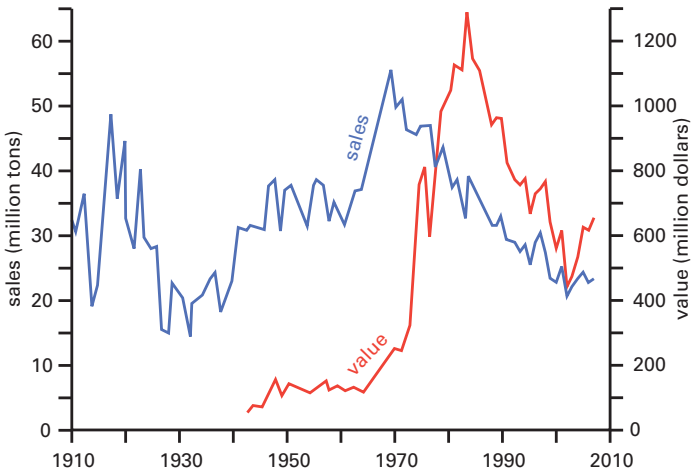

FIGURE 3.—Sales and value of coal in Ohio.

TABLE 2.—*2007 Ohio coal production and sales by county, in descending order of production*

County	Production (short tons)	Sales (short tons)
Monroe	7,019,807	7,420,497
Belmont	5,619,776	5,760,186
Harrison	2,391,539	2,684,870
Tuscarawas	1,618,224	1,618,224
Perry	1,558,968	1,553,307
Jefferson	936,608	936,608
Noble	622,674	622,674
Vinton	515,827	515,827
Carroll	392,877	392,877
Jackson	354,801	320,767
Athens	287,558	294,538
Stark	283,349	283,349
Columbiana	281,266	281,266
Muskingum	216,824	216,824
Coshocton	169,624	169,624
Mahoning	13,350	12,301
16 counties	22,283,072	23,083,739

TABLE 3.—*2007 Ohio coal production by production-size group and change from 2006*

Production-size group	2007		Change from 2006 (short tons)
	Number of mines reporting	Production (short tons)	
1,000,000 tons and over	3	12,851,956	2,016,737
500,000 to 999,999 tons	2	1,182,527	–1,297,331
250,000 to 499,999 tons	10	3,870,486	–1,359,599
100, 000 to 249,999 tons	19	3,144,182	509,576
50,000 to 99,999 tons	9	686,323	–398,401
25,000 to 49,999 tons	18	305,728	41,475
Less than 25,000 tons	25	247,722	51,673
TOTAL	86	22,283,072	–435,870

TABLE 4.—*2007 Ohio coal production by county and mining method*

County[1]	All methods (short tons)	Total number of mines	Underground				Surface			
			Number of underground mines reporting	Production (short tons)			Number of surface mines reporting	Production (short tons)		
				Total underground	Longwall	Continuous miner		Total surface	Strip	Auger
Athens	287,558	1	1	287,558		287,558				
Belmont	5,619,776	11	2	4,736,387	3,955,838	780,549	9	883,390	734,144	149,246
Carroll	392,877	4	1	246,054		246,054	3	146,823	134,841	11,982
Columbiana	281,266	6					6	281,266	280,405	861
Coshocton	169,624	3					3	169,624	165,932	3,692
Harrison	2,391,539	14	2	1,265,258		1,265,258	12	1,126,281	1,070,448	55,833
Jackson	354,801	2					2	354,801	354,801	
Jefferson	936,608	6	3	825,819		825,819	3	110,789	89,974	20,815
Mahoning	13,350	2					2	13,350	11,305	2,045
Monroe	7,019,807	1[2]	1[2]	7,019,807	6,248,468	771,339				
Muskingum	216,824	1					1	216,824	160,030	56,794
Noble	622,674	6					6	622,674	605,268	17,406
Perry	1,558,968	3	2	955,739		955,739	1	603,229	586,118	17,111
Stark	283,349	7					7	283,349	283,349	
Tuscarawas	1,618,224	17	1	485,410		485,410	16	1,132,814	887,116	245,698
Vinton	515,827	2					2	515,827	515,827	
TOTAL	22,283,072	86	12	15,822,032	10,204,306	5,617,726	74	6,461,040	5,879,558	581,482

[1]Production from mines operating in more than one county was evenly split between the counties involved unless a county-specific breakdown was provided by the operator.
[2]This mine extends into Monroe County from Belmont County and is not included in the total number of mines.

TABLE 5.—*2007 Ohio coal production by county and month*

County[1]	Production (short tons)												
	Total annual	January	February	March	April	May	June	July	August	September	October	November	December
Athens	287,558	74,070	67,040	69,238	46,203	31,007							
Belmont	5,619,776	390,517	440,101	631,517	503,004	209,361	592,907	625,554	236,682	623,482	407,114	460,395	499,142
Carroll	392,877	39,190	45,552	49,327	28,137	35,431	33,376	32,574	35,285	27,259	23,799	22,654	20,293
Columbiana	281,266	22,944	19,949	24,259	24,537	26,577	25,287	34,846	22,762	19,598	21,516	21,137	17,854
Coshocton	169,624	7,243	9,448	10,560	10,560	12,639	13,187	17,710	20,225	18,227	14,841	23,636	11,348
Harrison	2,391,539	186,943	165,683	188,198	193,897	215,374	200,345	222,311	231,960	188,095	205,360	200,145	193,228
Jackson	354,801	29,237	38,851	47,171	19,231	22,957	26,909	22,331	38,311	18,059	32,293	23,780	35,671
Jefferson	936,608	91,916	64,608	75,720	80,564	81,434	81,509	75,465	87,445	75,050	80,981	65,693	76,223
Mahoning	13,350	577	1,083	2,317	1,211	846	807	747	772	713	1,116	2,877	284
Monroe	7,019,807	675,082	363,845	688,284	633,468	692,079	408,720	604,098	653,710	623,131	568,899	505,083	603,408
Muskingum	216,824	17,855	16,432	18,173	14,272	16,879	20,049	17,187	22,829	20,307	20,902	18,531	13,408
Noble	622,674	61,801	53,327	54,790	44,138	53,489	44,308	51,405	52,846	43,786	59,853	54,214	48,717
Perry	1,558,968	100,366	74,435	86,758	106,467	124,131	155,751	80,959	175,468	169,656	203,764	137,185	144,028
Stark	283,349	15,581	24,116	23,941	24,645	24,701	25,234	30,085	27,870	18,733	20,048	24,328	24,067
Tuscarawas	1,618,224	145,158	129,896	141,337	120,036	132,037	140,306	132,850	145,715	123,126	136,903	131,786	139,074
Vinton	515,827	45,245	37,546	42,319	45,895	50,017	41,626	40,847	43,194	39,604	43,830	41,153	44,551
TOTAL	22,283,072	1,903,725	1,551,912	2,153,909	1,896,265	1,728,959	1,810,321	1,988,969	1,795,074	2,008,826	1,841,219	1,732,597	1,871,296

[1]Production from mines operating in more than one county was evenly split between the counties involved unless county-specific information was provided by the operator.

TABLE 6.—*2007 Ohio coal production*

County[1]	Production								
	Total	Lower Mercer (No. 3)	Upper Mercer (No. 3A)	Brookville (No. 4)	Clarion (No. 4A)	Lower Kittanning (No. 5)	Middle Kittanning (No. 6)	Lower Freeport (No. 6A)	Upper Freeport (No. 7)
Athens	287,558						287,558		
Belmont	5,619,776								
Carroll	392,877						103,484	11,156	
Columbiana	281,266								170,637
Coshocton	169,624					636	168,988		
Harrison	2,391,539							1,265,258	
Jackson	354,801	79,126		81,819		185,170	6,862		1,824
Jefferson	936,608							47,845	384,767
Mahoning	13,350			2,469		10,881			
Monroe	7,019,807								
Muskingum	216,824						216,824		
Noble	622,674								
Perry	1,558,968					248,677	730,993		579,298
Stark	283,349			70,535		117,322	85,714	9,778	
Tuscarawas	1,618,224		15,876	70,739		308,044	931,878		288,237
Vinton	515,827				260,913	149,579	52,508		52,827
TOTAL	22,283,072	79,126	15,876	225,562	260,913	1,020,309	2,584,809	1,334,037	1,477,590

[1]Production from mines operating in more than one county was evenly split between the counties involved unless county-specific information was provided by the operator.

by county and seam

(short tons)

Mahoning (No. 7A)	Harlem	Pittsburgh (No. 8)	Pomeroy-Redstone (No. 8A)	Meigs Creek (No. 9)	Waynesburg (No. 11)	County[1]
						Athens
		5,040,461		429,030	150,285	Belmont
272,110			6,127			Carroll
110,629						Columbiana
						Coshocton
	10,646	919,488	132,959	63,188		Harrison
						Jackson
393,207		93,072	14,501	3,216		Jefferson
						Mahoning
		7,019,807				Monroe
						Muskingum
				622,674		Noble
						Perry
						Stark
		1,899	1,551			Tuscarawas
						Vinton
775,946	10,646	13,074,727	155,138	1,118,108	150,285	TOTAL

TABLE 7.—*2007 Disposition of Ohio coal, by county*

County[1]	Number of mines	Disposition[1] (short tons)						Stored
		Total[2]	Rail	Water	Truck	Conveyor	Unspecified/ other	
Athens	1	294,538	294,538					
Belmont	11	5,760,186	4,500,184	84,420	1,175,576			87,834
Carroll	4	392,877			392,877			
Columbiana	6	281,266			281,266			
Coshocton	3	169,624			169,624			
Harrison	15	2,684,870	1,411,802		1,273,068			17,701
Jackson	2	320,767			320,767			
Jefferson	6	936,608			936,608			
Mahoning	2	12,301			12,301			1,049
Monroe	1[3]	7,420,497	6,228,148		1,192,349			
Muskingum	1	216,824			216,824			
Noble	6	622,674			622,674			
Perry	3	1,553,307	1,553,307					11,616
Stark	7	283,349			283,349			
Tuscarawas	17	1,618,224	80,633		1,537,591			1,000
Vinton	2	515,827		150,189	365,638			
TOTAL	87	23,083,739	14,068,612	234,609	8,780,512			119,200

[1]Tonnage of coal shipped from mines operating in more than one county was evenly split between the counties involved and type(s) of disposition reported unless county-specific information was provided by the operator.
[2]Does not reflect tonnage stored. Reflects tonnage sold and shipped from mine.
[3]Does not include mines extending into Monroe County from adjoining counties.

TABLE 8.—*2007 Dollar value of coal at mine by county and mining method*

County[1]	Total				Underground				Surface			
	No. of mines	Tonnage sold (short tons)	Value at mine[2] (dollars)	Per ton average (dollars)	No. of mines	Tonnage sold (short tons)	Value at mine[2] (dollars)	Per ton average (dollars)	No. of mines	Tonnage sold (short tons)	Value at mine[2] (dollars)	Per ton average (dollars)
Athens	1	294,538	$7,947,854	$26.98	1	294,538	$7,947,854	$26.98				
Belmont	11	5,760,186	155,550,745	27.00	2	4,876,253	131,461,381	26.96	9	883,933	$24,089,364	$27.25
Carroll	4	392,877	13,420,415	34.16	1	246,054	9,919,470	40.31	3	146,823	3,500,945	23.84
Columbiana	6	281,266	10,013,811	35.60					6	281,266	10,013,811	35.60
Coshocton	3	169,624	4,929,308	29.06					3	169,624	4,929,308	29.06
Harrison	15	2,684,870	88,922,630	33.12	2	1,304,563	48,515,782	37.19	13	1,380,307	40,406,848	29.27
Jackson	2	320,767	10,005,204	31.19					2	320,767	10,005,204	31.19
Jefferson	6	936,608	29,149,435	31.12	3	825,819	26,461,047	32.04	3	110,789	2,688,388	24.27
Mahoning	2	12,301	591,139	48.06					2	12,301	591,139	48.06
Monroe	1[3]	7,420,497	203,677,116	27.45	1[3]	7,420,497	203,677,116	27.45				
Muskingum	1	216,824	6,293,994	29.03					1	216,824	6,293,994	29.03
Noble	6	622,674	14,236,076	22.86					6	622,674	14,236,076	22.86
Perry	3	1,553,307	43,836,868	28.22	2	950,078	25,637,047	26.98	1	603,229	18,199,821	30.17
Stark	7	283,349	6,210,507	21.92					7	283,349	6,210,507	21.92
Tuscarawas	17	1,618,224	41,445,517	25.61	1	485,410	12,016,283	24.75	16	1,132,814	29,429,234	25.98
Vinton	2	515,827	19,374,463	37.56					2	515,827	19,374,463	37.56
TOTAL	87	23,083,739	$655,605,082	$28.40	12	16,403,212	$465,635,980	$28.39	75	6,680,527	$189,969,102	$28.44

[1]Sales reported from mines operating in more than one county were evenly split between the counties involved unless county-specific information was provided by the operator.
[2]The FOB value of coal sold was estimated for those mines which failed to report this information. These estimates were calculated using a countywide-average price per ton by mining method based on reported FOB values deemed to be reliable.
[3]Does not include mines extending into this county from adjoining counties.

TABLE 9.—*2007 Ohio coal-mine employment[1], by occupational group and month*

Occupational group	Number of employees												
	Total annual	January	February	March	April	May	June	July	August	September	October	November	December
Production workers	1,531	1,559	1,556	1,548	1,540	1,518	1,555	1,534	1,575	1,546	1,464	1,484	1,494
Non-production workers	673	656	647	646	664	679	682	686	697	670	708	673	670
TOTAL	2,204	2,215	2,203	2,194	2,204	2,197	2,237	2,220	2,272	2,216	2,172	2,157	2,164

[1]Employment was estimated for mines not reporting employment.

TABLE 10.—*2007 Wage and salary payments to Ohio coal-mine employees, by county and occupational group*

County[1]	Wage and salary payments (nearest whole dollar)[2]			
	All occupations	Underground production employees	Surface production employees	Other
Athens	$3,334,951	$1,542,652		$1,792,299
Belmont	46,972,129	15,642,927	$3,078,231	28,250,971
Carroll	2,704,732	1,991,755	513,977	199,000
Columbiana	1,762,528		1,533,947	228,581
Coshocton	838,364		736,617	101,747
Harrison	15,282,007	8,465,793	3,723,936	3,092,278
Jackson	1,988,465		1,338,465	650,000
Jefferson	5,938,991	4,357,496	498,074	1,083,421
Mahoning	177,740		115,087	62,653
Monroe	23,168,427	23,168,427		
Muskingum	959,782		854,206	105,576
Noble	2,965,703		2,600,229	365,474
Perry	7,735,858	3,703,089	2,428,745	1,604,024
Stark	1,606,577		1,217,088	389,489
Tuscarawas	7,371,208	3,007,525	3,867,611	496,072
Vinton	5,528,312		2,062,029	3,466,283
TOTAL	$128,335,774	$61,879,664	$24,568,242	$41,887,868

[1]For those operations reporting activity in more than one county, wage and salary payments were evenly split between the counties involved unless county-specific information was provided by the operator.

[2]For those operations reporting only a total wage and salary payment for all workers, an equal pay rate was assumed for all employees. In cases where quarterly employment was reported but wage and salary payments were not, wage and salary payments for that quarter were estimated from reported payments in the other quarters to arrive at the annual figure. For mines reporting employment and no wage and salary payments, wage and salary payments were estimated using a countywide or statewide average.

INDUSTRIAL MINERALS

Industrial minerals, other than mineral fuels, were produced in a total of 87 Ohio counties in 2007. The combined value of all nonfuel industrial minerals sold in 2007 was $868,037,410.

In 2007, 362 companies operated 623 industrial-mineral mining operations. Industrial minerals were produced or sold by 285 companies from 447 active operations. Twenty-six of the 285 companies produced more than one industrial mineral from 30 operations. Seven companies produced coal and one or more industrial minerals from 10 operations. Twenty-three companies produced multiple industrial-mineral commodities (no coal) from 23 operations. The remaining 259 companies produced one industrial-mineral commodity.

Of the 30 multiple industrial-mineral operations (including those operations producing coal and more than one industrial-mineral commodity), 10 operations produced sand and gravel and clay; 4 operations produced clay and shale; 3 operations produced limestone and clay; 3 operations produced limestone, clay, and shale; 2 operations produced sandstone and sand and gravel; 2 operations produced limestone and sand and gravel; 2 operations produced limestone and shale; 1 operation produced limestone and sandstone; 1 operation produced sand and gravel, and shale; 1 operation produced limestone, clay, shale, and sandstone; and 1 operation produced sand and gravel, sandstone, and shale.

The 195 multiple industrial-mineral-commodity production employees worked an average of 171 days in 2007. Total wages of $10,465,521 were paid to a total of 309 employees (195 production employees and 114 nonproduction employees). The average annual wage, based on those employees for whom wages were reported, was $33,869.

The total average annual employment reported in 2007 for industrial mineral operations was 4,634 people (3,254 production employees and 1,380 nonproduction employees). Total wages for all employees at industrial mineral operations in 2007 were $210,281,652. The average annual wage, based on those employees for whom wages were reported, was $45,378.

TABLE 11.—*2007 Value of Ohio industrial minerals*

Commodity	Sales (tons)	Change from 2006 (tons/percent)	Value[1] (dollars)	Percent of total value
Limestone and dolomite	67,689,736	–8,161,266/–10.8	$485,378,522	55.9
Sand and gravel	37,194,186	–9,789,488/–20.8	$217,295,856	25.0
Salt	4,844,659	+500,186/+11.5	$109,998,679	12.7
Sandstone and conglomerate	1,679,523	–69,913/–4.0	$41,998,461	4.8
Clay	706,798	–325,385/–31.5	$6,857,894	0.8
Shale	1,212,366	–20,618/–1.7	$6,507,998	0.8
Total	113,399,692	–17,793,055/–13.6	$868,037,410	100.0

[1]The FOB value of industrial minerals sold was estimated for those mines which failed to report this information and for those producing material for captive use. These estimates were calculated using a countywide- or statewide-average price per ton based on reported FOB values.

TABLE 12.—*2007 Employment at Ohio industrial mineral operations, by county and commodity*

County[1]	Number of employees[3]																
	Total employees[2]	Total[2]		Limestone and dolomite		Sand and gravel		Sandstone and conglomerate		Clay		Shale		Salt		Multiple commodities	
		Production	Non production	Production	Non production	Production	Non production	Production	Non production	Production	Non production	Production	Non production	Production	Non production	Production	Non production
Adams	33	26	7	26	7												
Allen	39	23	16	20	15	3	1										
Ashland	19	15	4			15	4										
Ashtabula	25	16	9			11	4									5	5
Athens	11	8	3			4	1									4	2
Auglaize	29	25	4	19	4	5	0			1	0						
Belmont	22	16	6	2	1	2	2									12	3
Brown	30	24	6	21	6											3	0
Butler	91	61	30			61	30										
Carroll	9	7	2			4	2	3	0								
Champaign	22	17	5			17	5										
Clark	45	31	14			31	14									4	0
Clermont	14	8	6			8	6										
Clinton	56	35	21	35	21												
Columbiana	56	35	21			15	10					5	2			15	9
Coshocton	53	33	20			18	13	13	6							2	1
Crawford	19	18	1	18	1												
Cuyahoga	217	123	94									4	20	117	71	2	3
Darke	15	11	4	11	4												
Defiance	4	3	1							3	1						
Delaware	52	47	5	47	5												
Erie	153	128	25	117	24			11	1								
Fairfield	12	7	5			7	5										
Fayette	11	8	3	8	3												
Franklin	202	167	35	110	20	57	15										
Fulton	13	10	3			10	3										
Gallia	19	10	9			10	9										
Geauga	77	32	45			9	1	23	44							1	0
Greene	73	47	26	14	11	23	12			2	1					8	2
Guernsey	11	5	6	5	6												
Hamilton	141	85	56			77	55									8	1
Hancock	24	22	2	22	2												
Hardin	14	11	3	11	3												
Harrison	28	21	7	11	6							10	1				
Highland	62	40	22	37	22	3	0										
Hocking	17	10	7			10	7										
Holmes	29	16	13			16	13										
Huron	4	2	2	1	1			1	1								
Jackson	24	17	7	10	4					1	2					6	1
Jefferson	5	4	1	4	1												
Knox	47	33	14			20	12	12	1			1	1				
Lake	193	111	82			5	8	2	2					104	72		
Lawrence	3	1	2			1	2										
Licking	38	28	10			21	7			3	1	3	1	1	1		
Logan	56	40	16	32	14	8	2										
Lorain	9	7	2					7	2								
Lucas	59	40	19	37	17	1	1			2	2						
Madison	6	4	2	4	2												
Mahoning	70	51	19	12	9			3	1	1	1					35	8
Marion	37	27	10	20	7	3	2					4	1				
Medina	38	30	8			30	8										
Meigs	51	44	7			44	7										
Mercer	11	9	2	9	2												
Miami	80	60	20	51	17	9	3										
Monroe	6	4	2	4	2												
Montgomery	116	76	40	51	23	26	17										
Morgan	3	2	1			2	1										
Morrow	10	7	3			7	3										
Muskingum	122	94	28	70	22	11	4			3	1	2	1			7	2
Noble	11	9	2	9	2												
Ottawa	106	85	21	85	21												
Paulding	89	50	39	42	11											8	28
Perry	51	42	9					38	7	2	1					2	1
Pickaway	56	48	8	28	5	20	3										
Pike	66	39	27	23	15	10	4	6	8								

TABLE 12.—*2007 Employment at Ohio industrial mineral operations, by county and commodity* (cont.)

County[1]	Number of employees[3]																
	Total employees[2]	Total[2]		Limestone and dolomite		Sand and gravel		Sandstone and conglomerate		Clay		Shale		Salt		Multiple commodities	
		Production	Non production	Production	Non production	Production	Non production	Production	Non production	Production	Non production	Production	Non production	Production	Non production	Production	Non production
Portage	173	116	57			103	52									13	5
Preble	33	24	9	10	4	14	5									2	0
Putnam	14	11	3	11	3												
Richland	41	31	10			29	9			1	1		1				
Ross	54	33	21	14	8	19	13										
Sandusky	325	261	64	261	64												
Scioto	34	25	9			14	6	11	3								
Seneca	97	70	27	70	27												
Shelby	82	53	29	26	19	17	3									10	7
Stark	95	68	27			61	23			1	1					6	3
Summit	37	8	29			7	6							1	23		
Trumbull	18	10	8					7	1							3	7
Tuscarawas	116	78	38			37	11	1	1	3	2	3	2			34	22
Union	42	33	9	33	9												
Van Wert	23	16	7	16	7												
Vinton	7	6	1	6	1												
Warren	45	30	15			30	15										
Washington	43	28	15			28	15										
Wayne	46	33	13			17	2							11	5	5	4
Williams	9	6	3			6	3										
Wood	63	50	13	50	13												
Wyandot	123	99	24	85	20	14	4										
TOTAL	4634	3254	1380	1608	511	1030	463	138	78	23	14	32	30	234	172	195	114

[1]For those operations reporting activity in more than one county, the number of employees was rounded and evenly split between the counties unless county-specific information was provided by the operator.
[2]Any tally inconsistencies are due to computer rounding of fractions produced by partial-year employment.
[3]Employment is not included for mines that were owner operated.

LIMESTONE AND DOLOMITE

Limestone and dolomite were sold or produced by 55 companies at 104 operations in 48 Ohio counties during 2007. Sales of limestone and dolomite totaled 67,689,736 tons (-10.8 percent from 2006). Erie, Ottawa, Franklin, Wyandot, and Delaware Counties accounted for 39.2 percent of those sales. Reported known production totaled 66,804,454 tons.

Lime produced from Ohio limestone and dolomite totaled 1,267,054 tons in 2007 and came from four operations in Ottawa, Sandusky, and Seneca Counties. Ohio ranks 4th nationally in the production of lime out of 35 producing states and Puerto Rico. The top five states, in descending order of lime production, are Missouri, Alabama, Kentucky, Ohio and Texas. Ohio ranks 9th in the production of crushed stone (which includes crushed sandstone) out of 49 producing states. The states leading Ohio in the production of crushed stone, in descending order, are Texas, Florida, Pennsylvania, Georgia, Missouri, Illinois, North Carolina, and Virginia.[4]

The total value[5] of limestone and dolomite sold in 2007 was $485,378,522. Average price per ton was $7.17.

An annual average of 1,608 employees worked an average of 206 days to produce limestone and dolomite. Total wages of $102,727,001 were paid to a total of 2,119 employees (1,608 production employees and 511 nonproduction employees). The average annual wage, based on those employees for whom wages were reported, was $48,479. An additional 71 people (56 production employees and 15 nonproduction employees) were employed by operations mining limestone and dolomite with one or more other mineral commodities.

The primary use for crushed and broken limestone and dolomite was road construction/resurfacing. Other major uses for various forms of limestone and dolomite included stone for asphaltic concrete and portland cement concrete, commercial building, and the production of lime.

[4]Information from U.S. Geological Survey.
[5]Includes reported and estimated values. See footnote 1, p. 1.

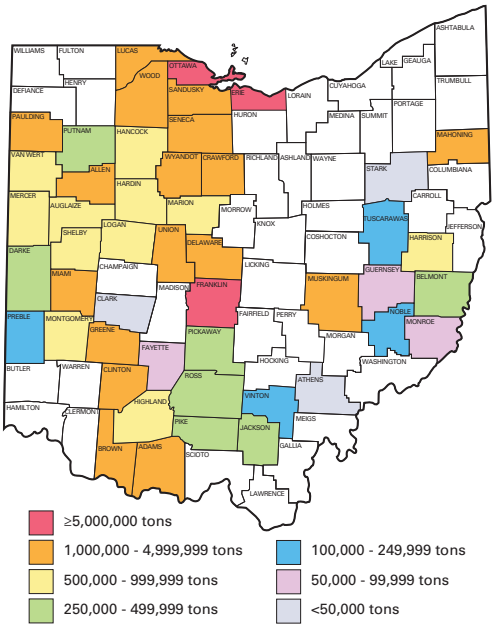

FIGURE 4.—Sales of limestone and dolomite in Ohio in 2007, by county.

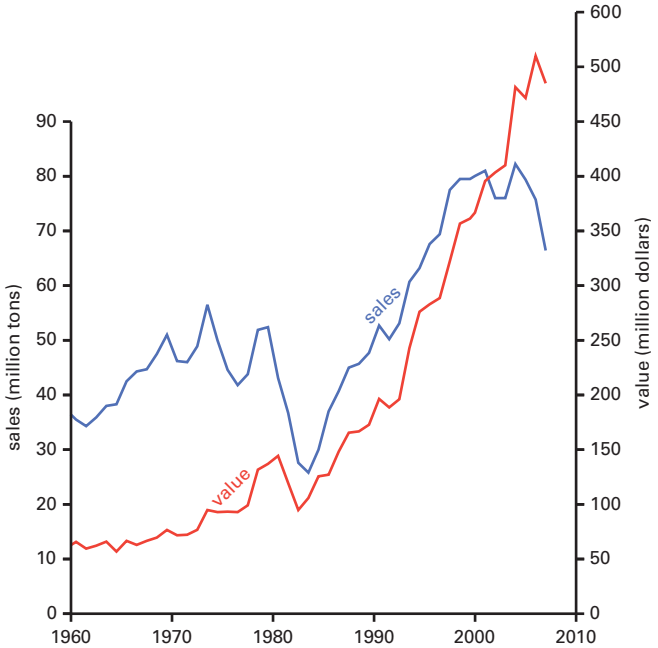

FIGURE 5.—Sales and value of limestone and dolomite in Ohio.

TABLE 13.—*2007 Production of lime from Ohio stone, by county and type*

County	Total tons[1]	Building (tons)	Chemical and industrial (tons)	Refractory (tons)
Ottawa	130,591	106,684	23,907	
Sandusky	878,463		375,259	503,204
Seneca	258,000		258,000	
TOTAL	1,267,054	106,684	657,166	503,204

[1]Burning produced a 59.6 percent weight loss.

TABLE 14.—*2007 Ohio limestone and dolomite sales, by county and type*

County	Tons sold														
	Total all types	Crushed and broken stone										Dimension stone	Stone for portland cement manufacture	Agricultural stone (aglime)	Raw stone for burning
		Total	Riprap	Flux stone	Stone for portland cement concrete	Stone for asphaltic concrete	Road construction/ resurfacing	Commercial building	Railroad ballast	Extenders/ fillers	Un-specified/ other				
Adams	1,102,802	1,076,702	25,410	22,314	75,000	75,000	300,000	100,000		8,756	470,222			26,100	
Allen	1,239,826	1,239,826	11,571		121,677	242,373	385,443	182,692	50,691		245,379				
Athens	30,964	30,964	5,803				25,161								
Auglaize	693,102	689,821	11,683		74,000	86,000	369,411	50,000			98,727			3,281	
Belmont	355,270	355,270	677				354,593								
Brown	1,328,300	1,328,300			100,000	100,000	300,000	100,000			728,300				
Clark	7,007	7,007					7,007								
Clinton	2,196,726	2,154,930	11,068		200,000	450,000	600,000	750,000			143,862			41,796	
Crawford	1,874,000	1,736,000	9,000		432,000	389,000	400,000	200,000		138,000	168,000			138,000	
Darke	396,000	396,000	2,000		30,000	86,000	68,000	210,000							
Delaware	3,215,000	3,212,000	28,000		700,000	325,000	1,500,000	500,000			159,000	2,000		1,000	
Erie	6,692,803	6,557,317	58,308		1,768,399	583,497	2,245,267	504,460	7,651		1,389,735			135,486	
Fayette	34,414	34,414									34,414				
Franklin	5,915,346	5,915,346			1,400,000	1,400,000	1,600,000	1,400,000			115,346				
Greene	1,541,491	831,491			100,000	100,000	250,000	250,000			131,491		710,000		
Guernsey	26,364	26,364					26,364								
Hancock	808,000	808,000	1,000		28,000	185,000	300,000	200,000	6,000		88,000				
Hardin	721,116	721,116	10,000		150,000		300,000	100,000			161,116				
Harrison	637,472	637,472			100,000	100,000	210,842	100,000			126,630				
Highland	843,170	832,323	14,500		100,000	140,943	405,811	107,477	20,000		43,592			10,847	
Jackson	381,080	381,080	5,000			50,000	100,000	50,000			176,080				
Logan	645,619	645,619	24,225		216,112	50,000	67,303	188,426			99,553				
Lucas	2,655,921	2,655,921			200,000	200,000	848,906	542,032			864,983				
Mahoning	2,274,249	2,274,249	35,080		400,000	451,367	514,397	642,997			230,408				
Marion	896,000	895,000	7,000		94,000	171,000	300,000	100,000			223,000			1,000	
Mercer	704,200	679,200	10,000		150,000	150,000	150,000	100,000			119,200			25,000	
Miami	1,503,738	1,427,609	12,969	19,899	301,554	225,554	771,026		18,000	78,607				76,129	
Monroe	69,530	69,530					69,530								
Montgomery	995,033	795,033	10,000		150,000	150,000	200,000	100,000			185,033		200,000		
Muskingum	1,475,080	1,475,080	6,374		200,000	200,000	741,352	200,000			127,354				
Noble	212,928	212,928	18,945				132,856	10,000			51,127				
Ottawa	6,241,955	5,954,655	73,730		1,444,443	691,092	2,254,563	230,092	138,333	197,570	924,832				287,300
Paulding	2,204,587	1,346,987	40,000		300,000	300,000	475,000	150,000			81,987		780,000	77,600	
Pickaway	391,500	391,500	5,700		50,000	150,000	80,000	75,000	5,000		25,800				
Pike	485,000	485,000	12,000		150,000	150,000	75,000	50,000	10,000		38,000				
Preble	123,345	118,222	17,709				100,513					5,123			
Putnam	455,807	452,807	3,047		73,369	25,000	301,391	50,000						3,000	
Ross	390,750	390,750					150,000	200,000			40,750				
Sandusky	2,854,936	707,678			100,000	100,000	280,000	227,678						5,600	2,141,658
Seneca	2,572,324	1,897,625	24,959			400,000	657,033	421,220	60,000	252,413	82,000	4,380		70,319	600,000

Shelby	669,621	667,235	15,221				652,014					2,386			
Stark	18,139	18,139					18,139								
Tuscarawas	220,869	220,869	5,087			4,950	210,832								
Union	2,091,439	2,091,439			400,000	500,000	500,000	300,000			391,439				
Van Wert	720,002	700,002	50,000		128,000	109,000	316,789	50,000			46,213			20,000	
Vinton	130,646	130,646					130,646								
Wood	2,159,505	2,147,133	46,136		252,814	465,244	905,507	210,000			267,432			12,372	
Wyandot	4,486,760	4,389,760	50,000	146,000	1,128,000	868,000	831,000	564,000	49,000	158,000	595,760			97,000	
TOTAL	67,689,736	62,212,359	662,202	188,213	11,117,368	9,674,020	21,481,696	9,216,074	364,675	833,346	8,674,765	13,889	1,690,000	744,530	3,028,958

SAND AND GRAVEL

Sand and gravel were sold or produced by 188 companies at 276 operations in 62 Ohio counties during 2007. Sales[6] of sand and gravel totaled 37,194,186 tons (-20.8 percent from 2006). Sand accounted for 20,828,690 tons of the total sand and gravel sold, and gravel accounted for 16,365,496 tons. Portage, Hamilton, Stark, Butler, and Franklin Counties led in sales, accounting for 45.4 percent of the total. Reported known production[6] of sand and gravel totaled 37,122,652 tons in 2007. Ohio ranks 7th nationally in the production of construction sand and gravel out of 50 producing states and Puerto Rico. The states leading Ohio, in descending order of production, are California, Texas, Arizona, Colorado, Washington, and Utah. Ohio ranks 9th nationally in the production of industrial sand and gravel out of 34 states. The states leading Ohio in the production of industrial sand and gravel, in descending order, are Illinois, Florida, Georgia, Wisconsin, Texas, California, Oklahoma, and Minnesota. Ohio ranks 6th nationally in the production of aggregates, including crushed stone. The states leading Ohio in the production of aggregates are California, Texas, Florida, Pennsylvania, and Illinois.[7]

A total of 41,500 tons of sand was reported dredged from Lake Erie in 2007. The Maumee Bay and Maumee River areas are no longer producing sand or gravel.

The total value[8] of sand and gravel sold in 2007 was $217,295,856. Average price per ton was $5.84.

An annual average of 1,030 employees worked an average of 148 days in 2007 to produce sand and gravel. Total wages of $65,887,583 were paid to a total of 1,493 employees (1,030 production employees and 463 nonproduction employees). The average annual wage, based on those employees for whom wages were reported, was $44,131. An additional 59 people (42 production employees and 17 nonproduction employees) were employed by operations mining sand and gravel along with one or more other mineral commodities.

Building, portland cement concrete, asphaltic concrete, and road construction/resurfacing were the major uses for Ohio sand and gravel in 2007.

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[6]Sales and production figures for sand include material dredged from Lake Erie.
[7]Information from U.S. Geological Survey.
[8]Includes reported and estimated values. See footnote 1, p. 1.

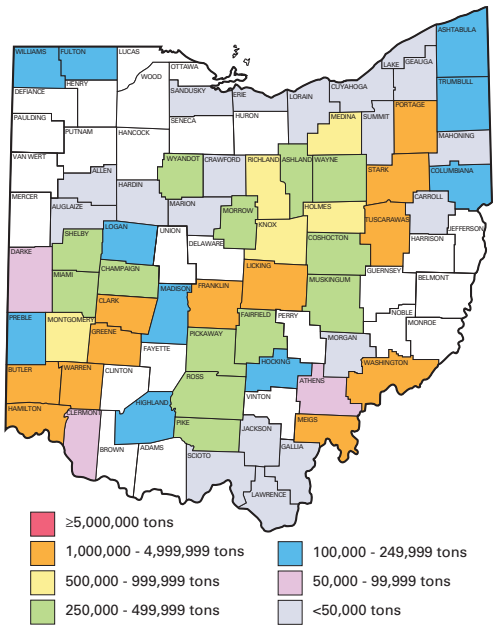

FIGURE 6.—Sales of sand and gravel in Ohio in 2007, by county.

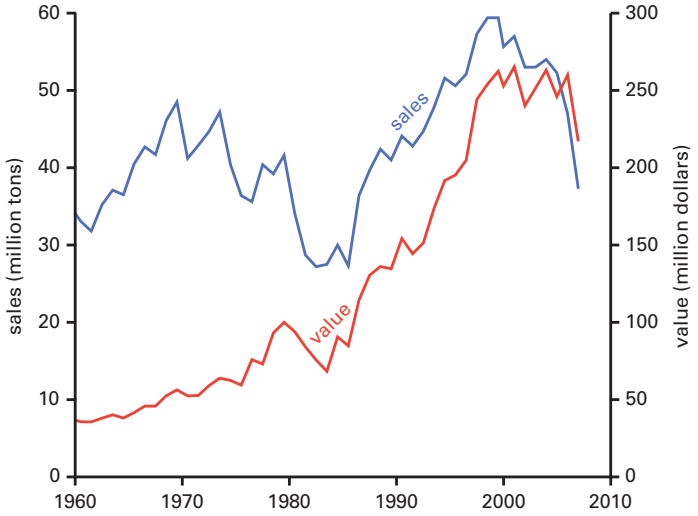

FIGURE 7.—Sales and value of sand and gravel in Ohio. Sales and values from 1984 to 2006 include Lake Erie dredged material.

TABLE 15.—*2007 Ohio sand and gravel sales, by county and type*

County	Tons sold																
	Total sand and gravel	Total sand	Total gravel	Building		Portland cement concrete		Asphaltic concrete		Road construction/ resurfacing		Filtration		Foundry sand	Industrial sand	Other/unspecified	
				Sand	Gravel	Sand	Gravel	Sand	Gravel	Sand	Gravel	Sand	Gravel			Sand	Gravel
Allen	34,496	31,052	3,444	1,790	400	15,201		7,380		773	386	1,825				4,083	2,658
Ashland	395,887	158,429	237,458	84,523	118,212					63,348	98,188					10,558	21,058
Ashtabula	182,396	93,452	88,944	52,327	53,900			1,658		30,334	7,200	8,933	27,526			200	318
Athens	78,318	37,309	41,009	17,309	19,009					5,000	5,000					15,000	17,000
Auglaize	16,970	13,526	3,444	1,995	3,444	11,531											
Butler	3,201,557	2,009,817	1,222,150	741,416	800,409	420,783	159,585	268,022	62,281	200,000	146,016	15,205	32,921			363,888	6,733
Carroll	20,900	10,350	10,550	10,000	10,500					350	50						
Champaign	369,455	169,412	200,043	116,376	129,948	1,000	1,000	1,000	1,000	51,036	68,024						71
Clark	1,195,223	651,824	543,399	160,604	197,430	141,450	54,953	158,181	193,637	101,300	73,977	17,517	15,311			72,772	8,091
Clermont	94,508	70,910	23,598					70,910	23,598								
Columbiana	282,095	106,379	175,716	41,700	77,795	9,311				27,361	25,000	5,000	37,380		10,000	13,007	35,541
Coshocton	494,553	273,889	220,664	90,219	72,365	40,000	20,000	66,959	20,000	40,061	85,649	10,641	10,277		10,861	15,148	12,373
Crawford	64		64		64												
Cuyahoga	10,113	10,113														10,113	
Darke	72,079	43,247	28,832	43,247	28,832												
Erie	1,102	842	260	842	260												
Fairfield	390	267286,888	103,376	74,243	26,068	70,000	22,000	70,000	22,000	70,000	22,000	1,000				1,645	11,308
Franklin	2,787,310	1,570,967	1,216,343	252,070	547,995	804,000	156,000	453,265	349,919	50,000	70,000	10,000	10,000			1,632	82,429
Fulton	108,900	108,900		107,673												1,227	
Gallia	3,616	3,616		3,231								385					
Geauga	41,481	20,320	21,161	20,000	20,901						260					320	
Greene	1,427,835	672,347	714,007	38,694	233,923	51,744	59,664	50,265	53,376		60,000					531,644	307,044
Hamilton	3,645,420	1,923,206	1,722,214	1,000,344	798,863	197,996	71,530	224,520	341,989	297,300	356,237					203,046	153,595
Hardin	550		550								550						
Highland	103,859	49,368	54,493		3,783	24,684			23,644		8,322	24,684	18,744				
Hocking	197,377	138,671	58,706	62,014	10,532	10,000	2,600	50,008	36,551	9,116	4,594	5,000				2,533	4,429
Holmes	656,827	357,560	299,267	13,922	117,451	93,180	27,007	122,575	20,480	107,519	121,099	18,491	7,779			1,873	5,451
Jackson	4,133	2,500	1,633	2,500	1,633												
Knox	612,812	374,815	237,997	122,485	78,317	121,000		77,000	100,000	38,650	53,650					15,680	6,030
Lake	1,500	1,500														1,500	
Lawrence	1,345	1,345														1,345	
Licking	1,151,935	740,555	411,380	161,300	153,700	282,000	70,000	150,000	89,000	90,000	75,000	15,000	10,000			42,255	13,680
Logan	108,247	43,987	64,260	37,927	63,575	4,054					685	2,006					
Lorain	6,037	6,037		6,037													
Madison	127,785	40,127	87,658	16,788	87,658			23,339									
Mahoning	2,100	1,000	1,100	1,000	1,100												
Marion	7,256	2,331	4,925								4,925					2,331	
Medina	772,000	491,000	281,000	121,000	201,000	275,000				75,000	80,000				20,000		
Meigs	1,630,252	1,057,717	572,535	178,418	108,412	254,792	211,643	194,453	130,018	150,000	70,000	12,000	23,396			268,054	29,066
Miami	331,825	216,172	115,653	60,730	72,150	29,000				60,000	20,000					66,442	23,503

TABLE 15.—*2007 Ohio sand and gravel sales, by county and type* (cont.)

County	Tons sold																
	Total sand and gravel	Total sand	Total gravel	Building		Portland cement concrete		Asphaltic concrete		Road construction/ resurfacing		Filtration		Foundry sand	Industrial sand	Other/unspecified	
				Sand	Gravel	Sand	Gravel	Sand	Gravel	Sand	Gravel	Sand	Gravel			Sand	Gravel
Montgomery	920,971	338,201	582,770	132,222	142,534	79,521	201,478	50,000		50,000	178,396	993	4,318	585		25,465	56,044
Morgan	48,895	3,953	44,942													3,953	44,942
Morrow	215,627	91,020	124,607	78,981	81,633						30,112	12,039	4,775				8,087
Muskingum	333,303	238,514	94,789	35,475	14,720	15,000	9,000	50,786	23,436	17,984	9,940	5,000	1,000			114,269	36,693
Pickaway	426,276	209,267	217,009	17,696	106,124	100,000		80,000	75,000	2,061	21,100					9,510	14,785
Pike	416,514	341,685	74,829	115,000	40,100	4,896				221,789	34,729						
Portage	3,807,923	2,589,502	1,218,421	507,231	299,455	943,482	293,237	193,448	141,870	582,099	153,197	10,000	10,000			353,242	320,662
Preble	164,078	36,856	127,222	36,056	127,222					800							
Richland	560,238	265,280	294,958	106,016	63,040	7,053	7,053	59,953	12,070		9,121					92,258	203,674
Ross	375,248	228,492	146,757	34,290	36,424	28,748	23,181	51,272	45,368	20,000	20,165	10,000	5,000			84,182	16,619
Sandusky	528	328	200	328	200												
Scioto	11,898	71,081	40,817	21,499	25,386	49,582	15,431										
Shelby	401,917	180,257	221,660	53,384	78,909	82,136	33,508	29,737	61,629	15,000	47,214						400
Stark	3,426,319	1,763,697	1,662,622	366,127	401,413	80,000	70,000	261,242	265,541	993,246	847,213	2,208	32,455			60,874	46,000
Summit	22,197	18,141	4,056	8,396				8,522								1,223	4,056
Trumbull	146,914	126,168	20,746	19,741	20,746	71,898		21,812								12,717	
Tuscarawas	1,592,530	807,535	784,995	290,651	243,189	40,196	75,396	185,578	187,677	268,183	207,938		70,543		21,698	1,229	252
Warren	1,497,716	607,775	889,941	122,973	183,027			150,000	110,000	112,132	220,000					222,670	376,914
Washington	1,206,386	816,229	390,157	127,724	75,544	193,586	115,906	109,527	60,425	238,062	94,727	10,093	10,000			137,237	33,555
Wayne	442,397	214,790	227,607	25,509	109,389	67,293	13,188	94,809	46,013	17,785	46,376	3,294	12,641			6,100	
Williams	229,340	144,070	85,270	102,038	53,870					31,000	31,400	11,032					
Wyandot	320,081	197,430	122,651	54,929	77,821	17,000		99,000				26,501	43,830				1,000
TOTAL	37,194,186	20,828,690	16,365,496	5,898,990	6,220,375	4,637,117	1,713,360	3,435,221	2,496,522	4,037,289	3,408,440	224,145	386,896	585	62,559	2,771,225	1,904,061

SANDSTONE AND CONGLOMERATE

Sandstone and conglomerate were sold or produced by 24 companies at 33 operations in 20 Ohio counties during 2007. Sales totaled 1,679,523 tons (-4.0 percent from 2006). Geauga, Perry, Mahoning, Pike, and Knox Counties accounted for 86.1 percent of the total sales. Crushed sandstone and conglomerate accounted for 1,625,835 tons of the total sales, and dimension stone accounted for 53,688 tons. Reported known production of sandstone and conglomerate was 1,676,858 tons in 2007. Ohio ranks 12th nationally in production of all dimension stone out of 35 producing states. Ohio ranks 3rd in the production of sandstone dimension stone. The top five states, in descending order of total dimension-stone production, are Wisconsin, Indiana, Georgia, Vermont, and Massachusetts.[9] National standings for crushed stone are included with limestone and dolomite.

The total value[10] of sandstone and conglomerate sold in 2007 was $41,998,461. Average price per ton was $23.80 for crushed stone and $61.63 for dimension stone.

An annual average of 138 employees worked an average of 164 days in 2007 to produce sandstone and conglomerate. Total wages of $8,620,776 were paid to a total of 216 employees (138 production employees and 78 nonproduction employees). The average annual wage, based on those employees for whom wages were reported, was $39,911. An additional 35 people (27 production employees and 8 nonproduction employees) were employed by operations mining sandstone and conglomerate with one or more other mineral commodities.

Crushed sandstone was used primarily for glass sand, construction, aggregate, industrial sand, and foundry sand. Dimension stone was used primarily for rough construction purposes.

[9]Information from U.S. Geological Survey.
[10]Includes reported and estimated values. See footnote 1, p. 1.

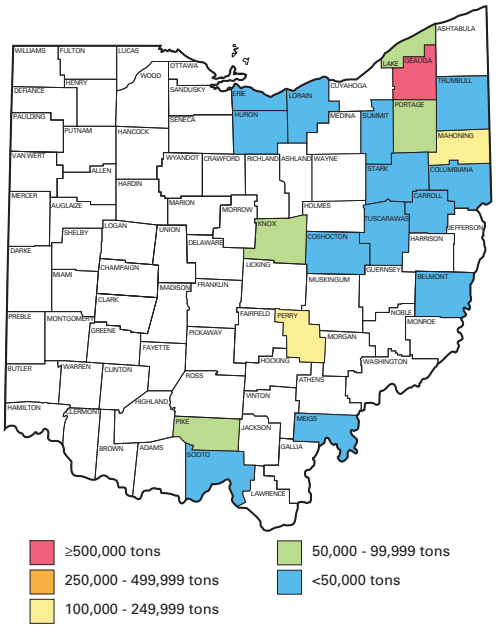

FIGURE 8.—Sales of sandstone and conglomerate in Ohio in 2007, by county.

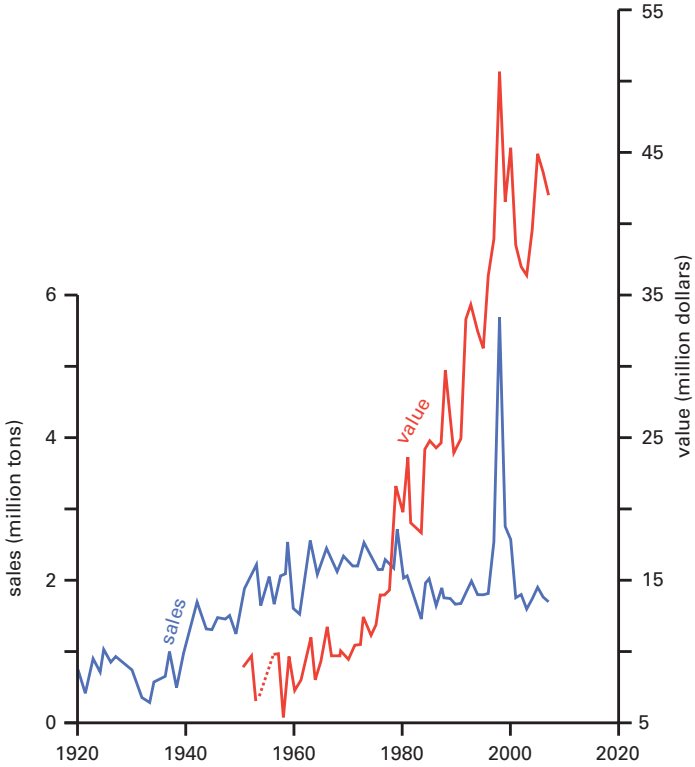

FIGURE 9.—Sales and value of sandstone and conglomerate. Value line dashed where data not available.

TABLE 16.—*2007 Ohio sales of crushed sandstone and conglomerate, by county and type*

County	Tons sold														
	Total	Foundry sand	Glass sand	Metallurgical pebble	Refractory	Riprap	Aggregate	Silica flour	Polishing/grinding sand	Fire and furnace sand	Engine sand	Frac sand	Construction	Industrial sand	Other/unspecified
Belmont	16,179					16,179									
Carroll	522					522									
Columbiana	25,007					825	17,182						7,000		
Geauga	879,832	73,283	175,629		25,397		71,242		10,289		9,478	34,461	168,082	154,901	157,070
Knox	69,580		46,994									51		22,535	
Lake	66,157						37,319					28,838			
Lorain	10,450					10,450									
Mahoning	161,784												161,784		
Meigs	525														525
Perry	216,942		123,505					81,155				11,446		836	
Pike	74,363	399					13,149						900	32,700	27,215
Portage	54,222						20,000						34,222		
Stark	14,500												14,500		
Summit	1,109														1,109
Trumbull	24,846					2,890							21,956		
Tuscarawas	9,817	7,830					1,587						400		
TOTAL	1,625,835	81,512	346,128		25,397	30,866	160,479	81,155	10,289		9,478	74,796	408,844	210,972	185,919

TABLE 17.—*2007 Ohio sales of dimension sandstone, by county and type*

County	Tons sold									
	Total	Refractory	Rough construction	Rubble	Grindstones	Rough architectural	Finished	Curbing	Flagging	Other/unspecified
Coshocton	21,404		21,404							
Erie	8,147		1,212	534			6,375		26	
Huron	19,053		19,053							
Knox	580		580							
Scioto	3,990		3,990							
Trumbull	514									514
TOTAL	53,688		46,239	534			6,375		26	514

CLAY

Clay was sold or produced by 29 companies at 36 operations in 21 Ohio counties during 2007. Clay sales (including material for captive use) totaled 706,798 tons (-31.5 percent from 2006); Tuscarawas, Stark, Lucas, Jackson, and Muskingum Counties accounted for 77.9 percent of the total sales. National rankings for clay are included with shale. Reported known production of clay was 707,313 tons. The total value[11] of clay sold (including material for captive use) in 2007 was $6,857,894. Average price per ton was $9.70.

An annual average of 23 employees worked an average of 114 days in 2007 mining clay. Total wages of $970,621 were paid to a total of 37 employees (23 production employees and 14 nonproduction employees). The average annual wage, based on those employees for whom wages were reported, was $26,223. An additional 45 people (29 production employees and 16 nonproduction employees) were employed by operations mining clay with one or more other mineral commodities.

Clay mined in Ohio in 2007 was used largely for captive use in the production of common clay products such as building bricks and products used in the landfill industry.

[11]Includes reported and estimated values. See footnote 1, p. 1.

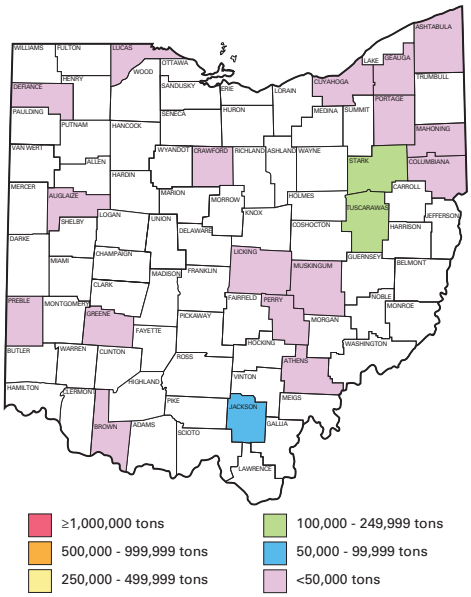

FIGURE 10.—Clay sales in Ohio in 2007, by county.

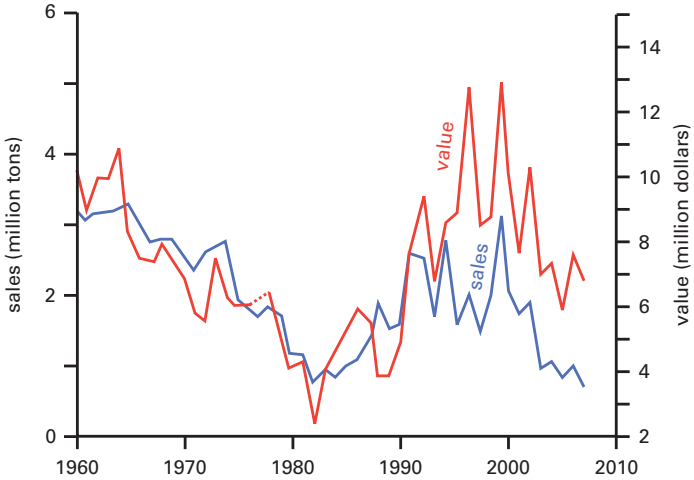

FIGURE 11.—Sales and value of clay in Ohio. Value line dashed where data not available.

TABLE 18.—*2007 Ohio clay sales, by county and type*

County	Tons sold								
	Total	Common clay products	Stoneware	Vitrified products	Cement manufacture	Refractories	Construction	Landfill use	Other/ unspecified
Ashtabula	6,894						6,529		365
Athens	12,033						7,000	5,000	33
Auglaize	3,596	3,596							
Brown	36,924							36,924	
Columbiana	20,285	20,285							
Crawford	160						160		
Cuyahoga	280								280
Defiance	26,870							26,870	
Geauga	253						253		
Greene	2,500						2,500		
Jackson	66,508	52,356				14,152			
Licking	3,370							3,370	
Lucas	46,250						7,400	38,850	
Mahoning	5,691					5,691			
Muskingum	39,879	39,879							
Perry	28,100	28,100							
Portage	3,350						3,350		
Preble	729						729		
Stark	193,373	135,608						57,765	
Trumbull	5,254	5,254							
Tuscarawas	204,499	204,094						405	
TOTAL	706,798	489,172				19,843	27,921	169,184	678

SHALE

Shale was sold or produced by 21 companies at 25 operations in 17 Ohio counties during 2007. Shale sales (including material for captive use) totaled 1,212,366 tons (-1.7 percent from 2006); Tuscarawas, Cuyahoga, Marion, Greene and Paulding Counties accounted for 81.7 percent of the total sales. Reported production of shale in 2007 was 1,212,366. Ohio ranks 6th nationally in the production of common clay and shale out of 42 producing states. The states leading Ohio are Georgia, Wyoming, Texas, Alabama, and North Carolina.[12] The total value[13] of shale sold (including material for captive use) in 2007 was $6,507,998. Average price per ton was $5.37.

An annual average of 32 employees worked an average of 191 days in 2007 mining shale. Total wages of $2,416,822 were paid to a total of 62 employees (32 production employees and 30 nonproduction employees). The average annual wage, based on those employees for whom wages were reported, was $38,981. An additional 25 people (17 production employees and 8 nonproduction employees) were employed by operations mining shale with one or more other mineral commodities.

Shale mined in Ohio was largely for captive use in the production of common clay products such as building bricks, cement manufacture, lightweight aggregate, and products used in the landfill industry.

[12]Information from U.S. Geological Survey.
[13]Includes reported and estimated values. See footnote 1, p. 1.

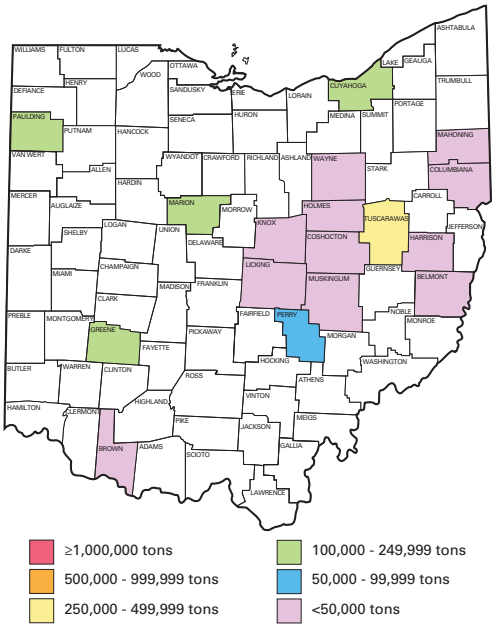

FIGURE 12.—Shale sales in Ohio in 2007, by county.

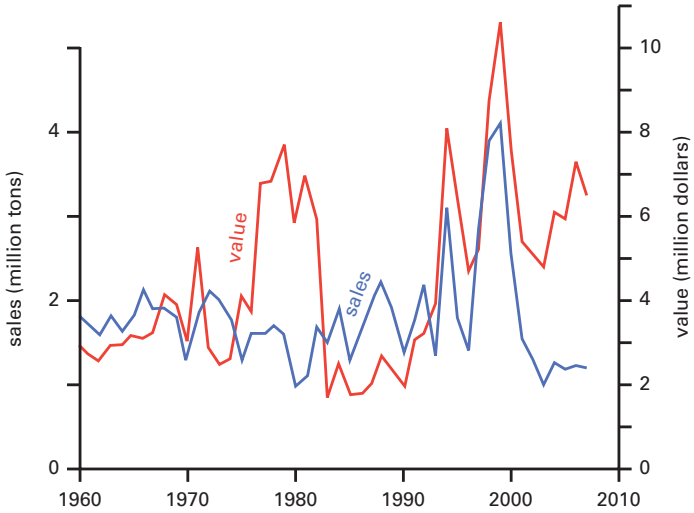

FIGURE 13.—Sales and value of shale in Ohio.

TABLE 19.—*2007 Ohio shale sales, by county and type*

County	Tons sold							
	Total	Common clay products	Vitrified products	Cement manufacture	Lightweight aggregate	Construction	Landfill use	Other/ unspecified
Belmont	11,546					11,546		
Brown	17,901						17,901	
Columbiana	21,524	21,524						
Coshocton	25,421	22,000			3,421			
Cuyahoga	248,100				248,100			
Greene	180,000			180,000				
Harrison	37,000		37,000					
Holmes	2,570				2,570			
Knox	4,994					4,994		
Licking	24,258	24,258						
Mahoning	1,563	1,563						
Marion	189,300	189,300						
Muskingum	5,127					5,127		
Paulding	120,000			120,000				
Perry	68,200	68,200						
Tuscarawas	253,862	142,762					111,100	
Wayne	1,000							1,000
TOTAL	1,212,366	469,607	37,000	300,000	254,091	21,667	129,001	1,000

SALT

Salt was produced by 3 companies at 5 operations in 5 Ohio counties during 2007. Total tonnage of salt sold in 2007 amounted to 4,844,659 tons (+11.5 percent from 2006). Rock salt sales totaled 4,073,328 tons from 2 underground mines, one each in Cuyahoga and Lake Counties. Three brining operations, one each in Licking, Summit, and Wayne Counties, sold a total of 160 tons of salt in brine and 771,171 tons of evaporated salt. Reported known production of salt was 4,598,402 tons in 2007. The top five salt-producing states nationally are Louisiana, Texas, New York, Ohio, and Kansas.[14]

The total value[15] of the salt sold in 2007 was $109,998,679. Average price per ton of rock salt was $13.32; average price per ton of salt in brine and evaporated salt was $70.54. The average price per ton of all salt sold was $22.47.

An annual average of 234 employees worked an average of 263 days in 2007 to produce salt. Total wages of $18,750,298 were paid to a total of 406 employees (234 production employees and 172 nonproduction employees). The average annual wage, based on those employees for whom wages were reported, was $46,183. The primary use for Ohio salt was ice control. Salt also was used as an additive in animal feed, for cattle blocks, and as a commercial and residential water-softening agent.

[14]Information from U.S. Geological Survey.
[15]Includes reported and estimated values. See footnote 1, p. 1.

GYPSUM

There was no gypsum production or sales reported in 2007.

PEAT

There was no peat production or sales reported in 2007.

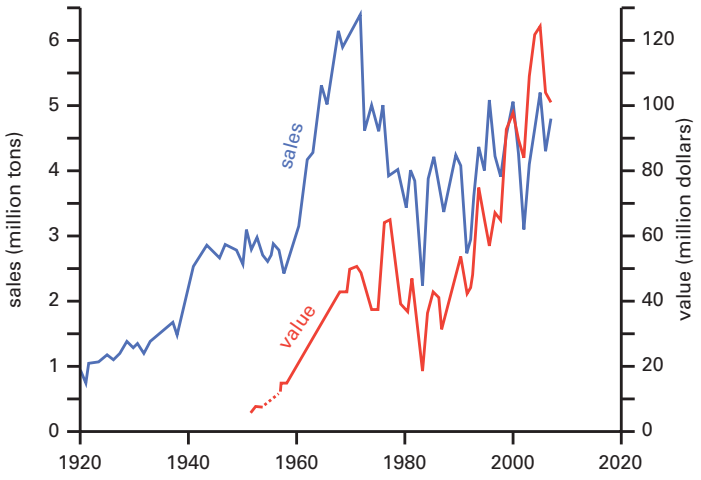

FIGURE 14.—Sales and value of salt in Ohio. Value line dashed where data not available.

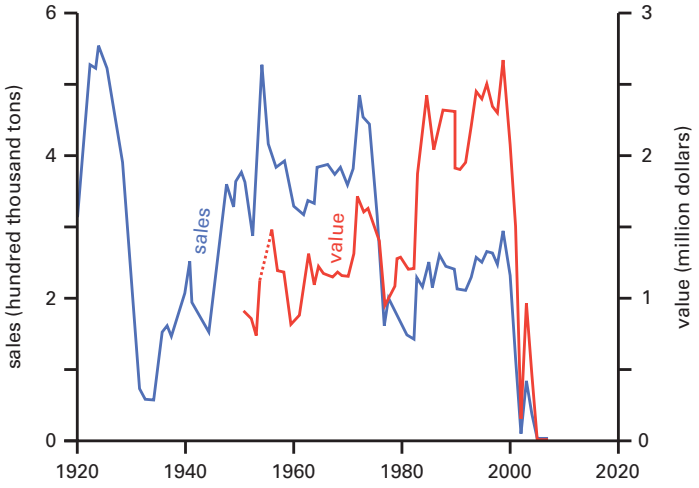

FIGURE 15.—Sales and value of gypsum in Ohio. Value line dashed where data not available. Some sales and values were estimated because actual sales and values were not reported in order to maintain confidentiality.

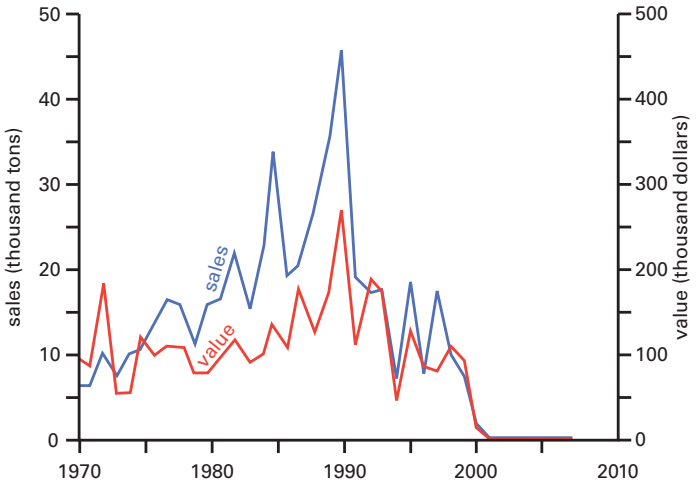

FIGURE 16.—Sales and value of peat in Ohio.

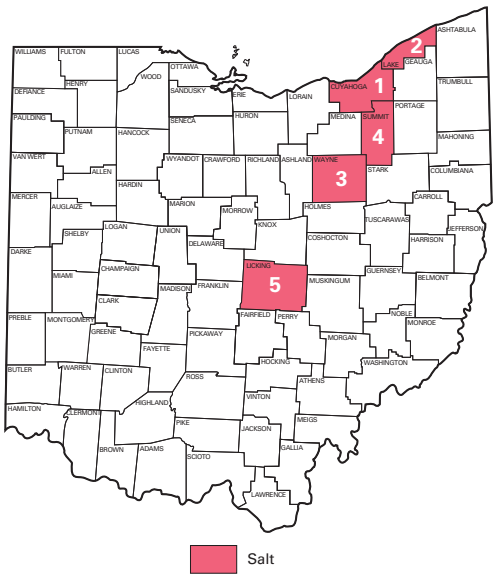

FIGURE 17.—Counties producing salt in Ohio in 2007 and their ranking in sales.

OIL AND GAS

This information is summarized from the 2007 Ohio Department of Natural Resources, Division of Mineral Resources Management Annual Report.

The Division of Mineral Resources Management estimates that 1,068 wells were drilled in 2007, an increase of 111 wells from 2006. Wells were drilled in 49 of Ohio's 88 counties, a increase of 7 counties from 2006. The top 10 counties in number of new wells drilled in 2007 were Monroe, Geauga, Cuyahoga, Tuscarawas, Trumbull, Stark, Licking, Holmes, Knox, and Mahoning. The Division received 871 well completion reports; 827 wells were productive and 44 were dry holes for a completion rate of 95 percent.

The total reported crude oil production in Ohio in 2007 was 5,454,629 barrels, a 0.6 percent increase from 2006. Through 2007, Ohio wells have produced 1,121,180,208 barrels of crude oil. The dollar value of crude oil produced in Ohio in 2007 was $369,223,837, an increase of 9.1 percent. Average price per barrel in 2007 was $67.63, a 8.4 percent increase from the 2006 price.

Natural gas production in Ohio in 2007 was 88,094,732 MCF, a 2.1 percent increase from 2006. This production figure includes an estimated 872,225 MCF of gas used on the lease. Through 2007, Ohio wells have produced 8,268,294,290 MCF of natural gas. The dollar value of natural gas produced in Ohio in 2007 was $651,901,017, a decrease of 2.6 percent from 2006. The value of the estimated volume of gas used on the lease was not used in computing the total dollar value. The average price per MCF in 2007 was $7.40, a decrease of $0.35 per MCF from 2006.

The combined total value of Ohio oil and gas production in 2007 was $1,021,124,854, an increase of 1.4 percent from 2006.

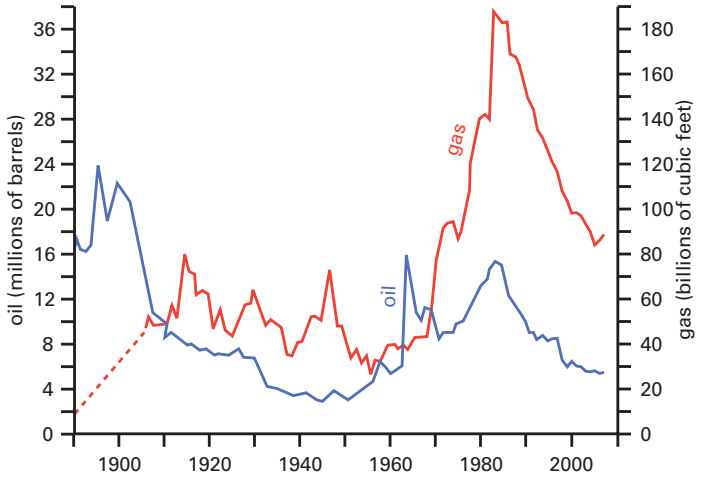

FIGURE 18.—Production of oil and gas in Ohio. Gas line dashed where data not available.

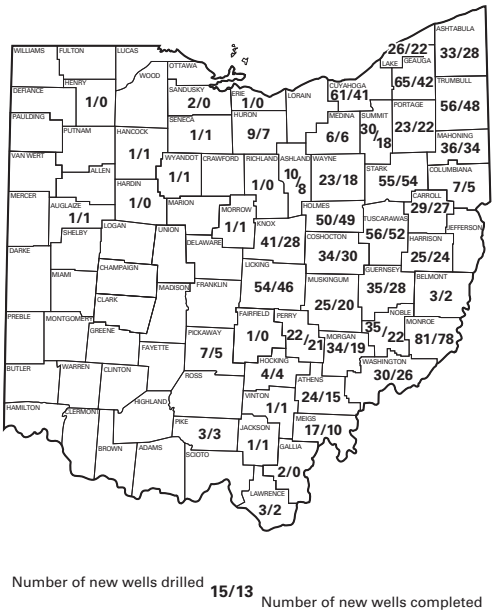

FIGURE 19.—New wells drilled (and completed) for oil and gas in 2007, by county.

TABLE 20.—*2007 Ohio summary of new oil and gas well completions, by county*

County[1]	Development wells		Exploratory wells		Total wells	Percent productive	Drilled footage		
	Productive	Dry	Productive	Dry			Productive	Dry	Total
Ashland	5	2	0	1	8	63	3,592	6,106	9,698
Ashtabula	27	0	1	0	28	100	95,890		95,890
Athens	15	0	0	0	15	100	40,659		40,659
Auglaize	0	1	0	0	1	0		1,182	1,182
Belmont	1	0	1	0	2	100	8,555		8,555
Carroll	26	0	1	0	27	100	148,608		148,608
Columbiana	5	0	0	0	5	100	29,885		29,885
Coshocton	27	3	0	0	30	90	115,457	19,212	134,669
Cuyahoga	35	2	3	1	41	93	135,984	10,476	146,460
Geauga	42	0	0	0	42	100	168,839		168,839
Guernsey	25	0	2	1	28	96	159,507	10,374	169,881
Hancock	0	1	0	0	1	0		1,130	1,130
Harrison	23	0	1	0	24	100	85,345		85,345
Hocking	4	0	0	0	4	100	9,832		9,832
Holmes	43	2	2	1	48	94	192,704	19,814	212,518
Huron	4	2	1	0	7	71	17,734	7,725	25,459
Jackson	1	0	0	0	1	100	1,205		1,205
Knox	23	1	2	2	28	89	79,223	9,604	88,827
Lake	20	0	1	1	22	96	72,327	5,702	78,029
Lawrence	1	0	1	0	2	100	3,185		3,185
Licking	44	1	1	0	46	98	111,873	692	112,565
Mahoning	34	0	0	0	34	100	182,851		182,851
Medina	4	0	1	1	6	83	17,714	5,266	22,980
Meigs	9	1	0	0	10	90	21,496	1,885	23,381
Monroe	76	0	2	0	78	100	203,884		203,884
Morgan	20	0	0	0	20	100	35,240		35,240
Morrow	0	0	0	1	1	0		4,058	4,058
Muskingum	15	2	3	0	20	90	77,904	12,635	90,539
Noble	21	0	1	0	22	100	82,911		82,911
Perry	21	0	0	0	21	100	41,461		41,461
Pickaway	2	0	2	1	5	80	10,037	2,375	12,412
Pike	3	0	0	0	3	100	3,035		3,035
Portage	22	0	0	0	22	100	96,641		96,641
Seneca	1	0	0	0	1	100	1,471		1,471
Stark	53	1	0	0	54	98	265,302	6,596	271,898
Summit	17	1	0	0	18	94	68,873	4,142	73,015
Trumbull	48	0	0	0	48	100	237,148		237,148
Tuscarawas	37	6	6	3	52	83	266,229	67,596	333,825
Vinton	1	0	0	0	1	100	1,425		1,425
Washington	19	0	7	0	26	100	86,176		86,176
Wayne	14	3	0	1	18	78	55,375	21,897	77,272
Wyandot	0	1	0	0	1	0		2,043	2,043
TOTAL	788	30	39	14	871	95	3,235,577	220,510	3,456,087

[1]No wells were drilled in these counties in 2007: Adams, Allen, Brown, Butler, Champaign, Clark, Clermont, Clinton, Crawford, Darke, Defiance, Deleware, Erie, Fairfield, Fayette, Franklin, Fulton, Gallia, Greene, Hamilton, Henry, Highland, Jefferson, Logan, Lorain, Lucas, Madison, Marion, Mercer, Miaimi, Montgomery, Ottawa, Paulding, Preble, Putnam, Richland, Ross, Sandusky, Scioto, Shelby, Van Wert, Warren, Williams, and Wood.

TABLE 21.—*2007 Ohio summary of new oil and gas well completions, by geologic unit*

Geologic unit	No. of producing wells	No. of dry holes	Total no. of wells	Percent productive	Total footage
Pennsylvanian undifferentiated	11	0	11	100	7,553
Upper Mississippian undifferentiated	3	0	3	100	4,739
Devonian					
"1st & 2nd Berea	54	4	58	93	71,540
Ohio Shale	136	1	137	99	384,453
Oriskany	8	0	8	100	32,443
Silurian					
"Newburg"	1	0	1	100	2,342
"Clinton-Medina"	555	4	559	99	2,394,809
Ordovician					
Trenton/Black River	1	3	4	25	7,439
Beekmantown	30	8	38	79	283,688
Cambrian-Ordovician					
Rose Run	14	11	25	56	148,889
Cambrian					
Trempealeau	14	11	25	56	108,927
Precambrian	0	2	2	0	9,265
Total	827	44	871	95	3,456,087

TABLE 22.—*Ohio counties*[1] *and their state mine number abbreviations*[2]

County	*Abbreviation*	*County*	*Abbreviation*	*County*	*Abbreviation*
Adams	Ads	Hamilton	Hmn	Noble	Ne
Allen	An	Hancock	Hk	Ottawa	Oa
Ashland	Ald	Hardin	Hdn	Paulding	Pg
Ashtabula	Asa	Harrison	Hn	Perry	Py
Athens	As	Henry	Hy	Pickaway	Pky
Auglaize	Ae	Highland	Hd	Pike	Pke
Belmont	Bt	Hocking	Hg	Portage	Pe
Brown	Bn	Holmes	Hs	Preble	Pre
Butler	Br	Huron	Hrn	Putnam	Pm
Carroll	Cl	Jackson	Jkn	Richland	Rd
Champaign	Cpn	Jefferson	Jfn	Ross	Rs
Clark	Ck	Knox	Kx	Sandusky	Sy
Clermont	Ct	Lake	Lke	Scioto	So
Clinton	Cln	Lawrence	Le	Seneca	Sa
Columbiana	Ca	Licking	Lg	Shelby	Shy
Coshocton	Cn	Logan	Lgn	Stark	Sk
Crawford	Cd	Lorain	Ln	Summit	St
Cuyahoga	Cya	Lucas	Ls	Trumbull	Tl
Darke	Dke	Madison	Mdn	Tuscarawas	Ts
Defiance	De	Mahoning	Mg	Union	Un
Delaware	Del	Marion	Mn	Van Wert	Vt
Erie	Ee	Medina	Ma	Vinton	Vn
Fairfield	Fd	Meigs	Ms	Warren	Wan
Fayette	Fe	Mercer	Mr	Washington	Wn
Franklin	Fn	Miami	Mi	Wayne	We
Fulton	Ftn	Monroe	Me	Williams	Ws
Gallia	Ga	Montgomery	My	Wood	Wd
Geauga	Gea	Morgan	Mon	Wyandot	Wt
Greene	Ge	Morrow	Mw		
Guernsey	Gy	Muskingum	Mum		

[1]Henry County reported no production or sales of mineral commodities in 2007.
[2]As used for State of Ohio mine numbers.

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2007 COAL COMPANIES WITH SALES OR PRODUCTION

Company	Number of mines	Production (tons)	Sales (tons)
American Energy Corp.	1	7,141,934	7,549,748
Amerikohl Mining Inc.	1	38,120	38,120
Anthony Mining Co., Inc.	5	167,503	167,503
B & N Coal, Inc.	4	454,045	454,045
Belden Brick Co.	3	12,923	12,923
Buckeye Industrial Mining Co.	11	861,207	861,207
Buckingham Coal Co., Inc.	3	1,243,297	1,244,616
Cedar Heights Clay Co.	1	3,922	3,922
CONSOL Energy, Inc.	1		254,158
Coshocton Landfill, Inc.	1	636	636
Cravat Coal Co.	3	117,866	118,410
D. & D. Mining Co.	1	10,881	9,832
East Fairfield Coal Co.	1	2,469	2,469
ENZ, Inc.	1	33,619	33,619
F. & M. Coal Co.	1	14,396	14,396
Harrison Resources LLC	1	207,695	207,695
Hopedale Mining, LLC	2	1,265,258	1,304,563
Kimble Clay & Limestone Co.	5	311,718	311,718
L & M Mineral Co.	1	8,842	8,842
Marietta Coal Co.	2	38,121	38,121
Ohio Valley Coal Co.	1	4,614,260	4,747,002
Oxford Mining Co., Inc.	23	3,581,061	3,580,929
Ritchie Mining	1	3,450	3,450
Rosebud Mining Company	1	485,410	485,410
Sands Hill Coal Co., Inc.	2	515,827	515,827
Schaney Mining	1	5,096	5,096
Sidwell Materials, Inc.	1	29,109	29,109
Solomon's Mines, Inc.	1	90	90
Sterling Mining Co.	3	666,441	666,441
Valley Mining, Inc.	3	96,997	96,997
Waterloo Coal Co., Inc.	1	350,879	316,845
Total: 31 companies	87	22,283,072	23,083,739

2007 OHIO ALPHABETICAL DIRECTORY OF PRODUCING COAL-MINE OPERATORS

For those mines that have not been assigned a state mine number, a letter designation is used (example: Bt-C).
The designation (u) indicates an underground mine.
To convert short tons to metric tons, multiply the given tonnage by 0.907185.

Name, address, telephone number, and president/ owner/ manager of company	Name of mine	County	2007 production (tons)	State mine number	Mining and reclamation permit number
American Energy Corp. 43521 Mayhugh Hill Rd., TR 88 Beallsville, OH 43950 740-795-5220 Robert E. Murray, pres.	Century Mine (u)	Belmont, Monroe	7,141,934	Bt-67	D-0425
Amerikohl Mining Inc. 202 Sunset Dr. Butler, PA 16001 724-282-2339 John M. Stilley, pres.	Bowman	Columbiana	38,120	Ca-A3	D-2280
Anthony Mining Co., Inc. P.O. 1298 Steubenville, OH 43952 740-266-8100 Albert Carapelotti, pres.	Carson Adjacent	Harrison	15,787	Hn-766	D-1041
	Patton-Mader	Harrison	10,646	Hn-A	D-2281
	Sandy Ridge	Harrison	27,500	Hn-A1	D-2292
	Morelli-Porter	Harrison	17,942	Hn-C2	D-1170
	Lions Club Adjacent	Jefferson	95,628	Jfn-AN	D-1173
B & N Coal, Inc. P.O. 100 Dexter City, OH 45727 740-783-3575 Carl Baker, Jr., pres.	Ullman Mine	Noble	19,684	Ne-151	D-0807
	Westfork Mine	Noble	105,588	Ne-BN5	D-2218
	Whigville II	Noble	214,875	Ne-BN6	D-2253
	Mantel	Noble	113,898	Ne-BN7	D-2285
Belden Brick Co. P.O. 20910 Canton, OH 44701 330-852-2424 Robert F. Belden, pres.	Moomaw Pit	Tuscarawas	3,631	Ts-1517	IM-46
	Wallick Pit	Tuscarawas	5,156	Ts-1841	IM-45
	Shanesville Pit	Tuscarawas	4,136	Ts-1939	IM-47
Buckeye Industrial Mining Co. P.O. 389 Lisbon, OH 44432 330-337-9511 John C. Grisham, pres.	James South	Carroll	114,640	Cl-B4	D-2229
	Albert	Carroll	26,056	Cl-B5	D-2268
	Ingledue	Columbiana	34,659	Ca-B1	D-2003
	Henderson	Columbiana	45,218	Ca-B2	D-2162
	McClintock	Columbiana	30,763	Ca-B3	D-2249
	Snyder DM #10 (u)	Jefferson	405,432	Jfn-BI	D-1180
	Close	Stark	9,236	Sk-B	D-1123
	Finnie	Stark	8,899	Sk-B3	D-2062
	Evanich	Stark	25,249	Sk-B8	D-2197
	Berlin Minerals	Stark	124,211	Sk-BI3	D-2267
	BIM	Stark	36,844	Sk-BI4	D-2288
Buckingham Coal Co., Inc. P.O. 157 Glouster, OH 45732-0157 740-767-9902 James F. Graham, pres.	Buckingham Mine No. 2 (u)	Athens	287,558	As-Bu	D-1163
	Buckingham Coal Mine No. 7 (u)	Perry	579,298	Py-B1	D-2223
	Buckingham Mine No. 6 (u)	Perry	376,441	Py-B2	D-2269
Cedar Heights Clay Co. 50 Portsmouth Rd. P.O. 295 Oak Hill, OH 45656-0295 740-682-7794 William T. Brown, pres.	Harrison	Jackson	3,922	Jkn-CH2	IM-1302
Coshocton Landfill, Inc. 19469 CR 7 Coshocton, OH 43812 740-787-2327 Frank Fello, mgr.	Coshocton Landfill, Inc.	Coshocton	636	Cn-OM	D-1104

2007 OHIO ALPHABETICAL DIRECTORY OF PRODUCING COAL-MINE OPERATORS (cont.)

Name, address, telephone number, and president/ owner/ manager of company	Name of mine	County	2007 production (tons)	State mine number	Mining and reclamation permit number
Cravat Coal Co. 37900 Cadiz-Piedmont Rd. Cadiz, OH 43907 740-942-1000 Michael T. Puskarich, pres.	Lady Rend Mt. Olivett Beagle Club	Belmont Belmont Belmont	21,541 36,622 59,703	Bt-C4 Bt-C7 Bt-C8[1]	D-2210 D-2259 D-2266
D. & D. Mining Co. 3379 E. Garfield Rd. New Springfield, OH 44443 330-549-3127 Donald Thompson, pres.	D. & D. Strip	Mahoning	10,881	Mg-D	D-2164
East Fairfield Coal Co. 10900 South Ave. P.O. 217 North Lima, OH 44452-0217 330-549-2165 W. Thomas Mackall, pres.	Withers-Petersburg	Mahoning	2,469	Mg-E	IM-1103
ENZ, Inc. P.O. 405 Magnolia, OH 44643 330-866-4510 James R. Demuth, pres.	Sickafoose Pit	Stark	33,619	Sk-208	D-1015
F. & M. Coal Co. 3925 County Rd. 56 Toronto, OH 43964 740-544-5203 Edward Fiala, partner	Grabbit Pit	Jefferson	14,396	Jfn-FM1	D-2216
Harrison Resources LLC P.O. 205 Cadiz, OH 43907 740-942-4393 Chuck Ungurean, pres.	Sexton 2	Harrison	207,695	Hn-H	D-2289
Hopedale Mining, LLC P.O. 176 Cadiz, OH 43907 740-942-8220 David G. Zatezalo, pres.	Hopedale Mine (u) Nelms Mine-Cadiz Porta (u)	Harrison Harrison	169,496 1,095,762	Hn-169 Hn-710	D-0424 D-0426
Kimble Clay & Limestone Co. 3596 State Route 39 W Dover, OH 44622-9801 330-343-1226 Keith B. Kimble, pres.	Kimble Clay & Limestone Co. Kimble Clay & Limestone Co. Kimble Clay & Limestone Co. Kimble Clay & Limestone Co. Kimble Clay & Limestone Co.	Stark Tuscarawas Tuscarawas Tuscarawas Tuscarawas	45,291 31,138 37,531 163,818 33,940	Sk-P Ts-1727 Ts-K4 Ts-K7 Ts-K8	D-2205 IM-9 D-1079 D-2079 D-2226
L & M Mineral Co. 2010 CR 144 Sugarcreek, OH 44681 330-852-3696 John E. Ling, Jr., pres.	Luikart	Tuscarawas	8,842	Ts-1914	D-0701
Marietta Coal Co. 67705 Friends Church Rd. St. Clairsville, OH 43950 740-695-2197 John Nicolozakes, mgr.	Fox Farms Hines/Triple B	Belmont Belmont	2,817 35,304	Bt-M11 Bt-M13	D-2149 D-2196
Ohio Valley Coal Co. 56854 Pleasant Ridge Rd. Alledonia, OH 43902 740-926-1351 Michael Loiacono, pres.	Powhatan No. 6 (u)	Belmont	4,614,260	Bt-68	D-0360

[1]This mine was operated January through March 2007 by Cravat Coal Co., and April through December 2007 by Oxford Mining Co., Inc.

2007 OHIO ALPHABETICAL DIRECTORY OF PRODUCING COAL-MINE OPERATORS (cont.)

Name, address, telephone number, and president/ owner/ manager of company	Name of mine	County	2007 production (tons)	State mine number	Mining and reclamation permit number
Oxford Mining Co., Inc.	Beagle Club	Belmont	250,825	Bt-C8[1]	D-2266
544 Chestnut St.	Boswell	Belmont	43,256	Bt-OX	D-0676
P.O. 427	Barnesville Hospital	Belmont	331,055	Bt-OX2	D-2122
Coshocton, OH 43812	Dobrijevic	Carroll	6,127	Cl-M2	D-2014
740-622-6302	Dailey	Columbiana	132,416	Ca-CE2	D-2097
Charles C. Ungurean, pres.	Oxford	Coshocton	116,723	Cn-OX3	D-2265
	Oxford Mining Co., Inc.	Coshocton	52,265	Cn-OX4	D-2295
	Sexton	Harrison	59,152	Hn-C5	D-2161
	Jockey Hollow	Harrison	182,134	Hn-C8	D-2255
	Standingstone Mine	Harrison	203,320	Hn-D	D-1181
	Martin	Harrison	179,807	Hn-O	D-2121
	Oxford Mining Co., Inc.	Harrison	81,617	Hn-O1	D-2272
	Standingstone Mine	Harrison	135,585	Hn-O2	D-2277
	Adamsville SW	Muskingum	216,824	Mum-OX3	D-2244
	Long-Lefever	Noble	99,709	Ne-O	D-2248
	Oxford Mining Co., Inc.	Noble	68,920	Ne-O1	D-2290
	Oxford Mining Co., Inc.	Perry	603,229	Py-O1	D-2254
	Reynolds	Tuscarawas	4,357	Ts-2045	D-1001
	Stone Creek	Tuscarawas	358,395	Ts-H4	D-1149
	Strasburg Slurry	Tuscarawas	9,689	Ts-HC	D-0981
	Harper	Tuscarawas	95,628	Ts-O	D-2206
	Cole	Tuscarawas	122,598	Ts-O3	D-2245
	Oxford Mining Co., Inc.	Tuscarawas	227,430	Ts-O4	D-2276
Ritchie Mining	Ritchie Pit	Tuscarawas	3,450	Ts-K9	D-2284
45887 Jewett-Hopedale Rd.					
Jewett, OH 43986					
740-946-5405					
Michael J. Ritchie, pres.					
Rosebud Mining Company	Tusky Mine (u)	Tuscarawas	485,410	Ts-TR	D-2177
301 Market St.					
Kittanning, PA 16201					
724-545-6222					
J. Clifford Forest, pres.					
Sands Hill Coal Co., Inc.	Big Valley	Vinton	398,226	Vn-S4	D-2114
P.O. 650	Stanton	Vinton	117,601	Vn-S5	D-2156
Hamden, OH 45634-0650					
740-384-4211					
Bonny C. Huffman, pres.					
Schaney Mining	Kuchan	Harrison	5,096	Hn-SM1	D-2195
47134 Giacobbi Rd.					
Jewett, OH 43986					
740-937-2515					
Melvin Schaney, owner					
Sidwell Materials, Inc.	Uniontown Stone	Belmont	29,109	Bt-S	D-2261
4620 Limestone Valley Rd.					
Zanesville, OH 43701					
740-849-2394					
Jeffrey R. Sidwell, pres.					
Solomon's Mines, Inc.	Solomon's Mines, Inc.	Columbiana	90	Ca-SM	IM-1258
7732 Salem-Unity Rd.					
Salem, OH 44460					
330-337-0123					
Jack Solomon, pres.					
Sterling Mining Co.	Sterling-West (CH Deep) (u)	Carroll	246,054	Cl-S1	D-2091
10900 South Ave.	Sterling South (u)	Jefferson	393,207	Jfn-ST	D-1019
P.O. 217	Sterling-Shinn Hill (u)	Jefferson	27,180	Jfn-ST2	D-2187
North Lima, OH 44452					
330-549-2165					
W. Thomas Mackall, pres.					

2007 OHIO ALPHABETICAL DIRECTORY OF PRODUCING COAL-MINE OPERATORS (cont.)

Name, address, telephone number, and president/ owner/ manager of company	Name of mine	County	2007 production (tons)	State mine number	Mining and reclamation permit number
Valley Mining, Inc. 4412 Pleasant Valley Rd. SE Dennison, OH 44621 740-922-3942 William C. Aubiel, pres.	Egypt Valley Hamilton Finley/Myers	Belmont Jefferson Tuscarawas	73,157 765 23,075	Bt-VM Jfn-V1 Ts-VM2	D-1059 D-1156 D-2294
Waterloo Coal Co., Inc. P.O. 626 Jackson, OH 45640 740-286-5633 T. L. Darlington, Jr., pres.	Bowman Strip	Jackson	350,879	Jkn-367	D-0594, D-968, D-1083, D-1167, D-2059

2007 OHIO DIRECTORY OF COAL-PREPARATION PLANTS AND ASSOCIATED FACILITIES, BY COUNTY

For those mines that have not been assigned a state mine number, a letter designation is used (example: Bt-C).

County	Name, address, telephone number, and president/owner/ manager of company	Name of plant	Township	State mine number	Mining and reclamation permit number	Type of facility
Belmont	Cravat Coal Co. 40580 Cadiz-Piedmont Rd. Cadiz, OH 43907 740-942-4656 Michael Puskarich, pres.	Bellaire Dock	Pultney	Bt-876	D-0687	loading dock
	Marietta Coal Co. 67705 Friends Church Rd. St. Clairsville, OH 43950 740-695-2197 John Nicolozakes, mgr.	Loading Dock	Pultney	Bt-936	D-0216	loading dock, prep plant—jig, flotation, centrifugal dryer, crushers, screens
	Ohio Valley Coal Co. 56854 Pleasant Ridge Rd. Alledonia, OH 43902 740-926-1351 John Forelli, pres.	Powhatan #6	Smith, Washington	Bt-68	D-0360	prep plant—jigs, cyclones, centrifuges, thickeners, filters, screens
	Ohio Valley Transloading Co. 56854 Pleasant Ridge Rd. Alledonia, OH 43902 216-765-1240 Robert E. Murray, pres.	Harbour Facility	York	Bt-1198		dock
	Rayle River Coal 67705 Friends Church Rd. St. Clairsville, OH 43950 740-695-2197 John Nicolozakes, pres.	Rayle River Terminal	Pultney	Bt-1191		coal transfer facility
Columbiana	Buckeye Industrial Mining Co. P.O. Box 389 Lisbon, OH 44432 330-337-9511 John C. Grisham, pres.	Kensington Preparation Plant	West	Ca-879	D-0806	prep plant—heavy-media washer, cyclone, centrifuges, breaker
	State Line Resources, Inc. P.O. Box 419 Negley, OH 44441 330-426-9611 Charles H. Muse, Jr., pres.	State Line Resources, Inc.	Middleton	Ca-505	D-0223	prep plant—crushers, cyclones, screens
Coshocton	Conesville Coal Preparation Co. 14561 Twp. Rd. 263 Conesville, OH 43811 740-829-2392 Mike Morris, gen. mgr.	Conesville Coal Preparation Co.	Franklin	Cn-810		prep plant—jig, cyclones, froth cells, flotation, filter press, screens, dryers
	Oxford Mining Co., Inc. 544 Chestnut St. P.O. Box 427 Coshocton, OH 43812 740-622-6302 Charles C. Ungurean, pres.	Lori Tipple	Franklin	Cn-736	D-0671	tipple
Gallia	Sands Hill Coal Co., Inc. P.O. Box 650 Hamden, OH 45634-0650 740-384-4211 Bonny C. Huffman, pres.	Sands Hill Coal Co., Inc.	Addison	Ga-183	D-0834	tipple
	Waterloo Coal Co., Inc. P.O. Box 626 Jackson, OH 45640 740-682-7787 T. L. Darlington, Jr., pres.	Waterloo Dock #1	Addison	Ga-229	D-0725	dock, tipple

2007 OHIO DIRECTORY OF COAL-PREPARATION PLANTS AND ASSOCIATED FACILITIES, BY COUNTY (cont.)

County	Name, address, telephone number, and president/owner/ manager of company	Name of plant	Township	State mine number	Mining and reclamation permit number	Type of facility
Harrison	CAM Ohio, LLC P.O. Box 176 Cadiz, OH 43907 740-942-8220 David G. Zatezalo, pres.	Nelms Prep Plant	Green	Hn-169	D-0424	prep plant—heavy-media vessel, heavy-media cyclones, spirals, dryers, thickeners, crushers, screens
	Cravat Coal Co. 40580 Cadiz-Piedmont Rd. Cadiz, OH 43907 740-942-4656 Michael T. Puskarich, pres.	22 Shop	Moorefield	Hn-230		shop
Jackson	Waterloo Coal Co., Inc. P.O. Box 626 Jackson, OH 45640 740-682-7787 T. L. Darlington, Jr., pres.	Bowman Strip	Jefferson, Madison	Jkn-367	D-0285	prep plant—jig, crushers, breaker, screens, dryers, wash tables
Mahoning	Thompson Bros. Mining Co. 3379 E. Garfield Rd. New Springfield, OH 44443 330-549-3979 Donald Thompson, owner	Thompson Bros. Mining Co.	Springfield	Mg-588	D-0711	tipple
Meigs	Waterloo Coal Co., Inc. P.O. Box 626 Jackson, OH 45640 740-682-7787 T. L. Darlington, Jr., pres.	Waterloo Dock #3	Salisbury	Ms-285	D-0698	tipple, dock
Scioto	Norfolk Southern Railroad 914 Hayport Rd. Wheelersburg, OH 45694 740-574-8491 Charles G. Howard, asst. to mgr.	NS Wheelersburg Terminal	Porter	So-96		dock
Tuscarawas	Central Fuel Co. County Rd. 55 P.O. Box 165 New Philadelphia, OH 44663 330-339-5049 Keith B. Kimble, gen. mgr.	Central Fuel Co.	York	Ts-1938	D-0264	prep plant—jig, screen, dryers
	Oxford Mining Co. P.O. Box 427 Coshocton, OH 43812 740-622-6302 Charles C. Ungurean, pres.	Strasburg Wash Plant	Franklin, Lawrence	Ts-1942	D-0287	prep plant—jigs, cyclones, centrifuges, crushers, screens, picking tables
		Slurry Wash Plant	Franklin, Lawrence	Ts-HC	D-0981	prep plant—cyclones
Vinton	Sands Hill Coal Co., Inc. P.O. Box 650 Hamden, OH 45634-0650 740-384-4211 Bonny C. Huffman, pres.	Sands Hill Tipple/ Preparation Plant	Clinton	Vn-641	D-0169, D-0309	tipple, prep plant—heavy-media washers, flotation, cyclones, centrifuge, crushers, screens, dryer, picking tables, magnets
	Waterloo Coal Co., Inc. P.O. Box 626 Jackson, OH 45640 740-682-7787 T. L. Darlington, Jr., pres.	Benedict Tipple	Swan	Vn-145	D-0159	tipple
		Dundas Tipple	Clinton	Vn-178	D-0185	tipple

2007 OHIO DIRECTORY OF PRODUCING COAL-MINE OPERATORS, BY COUNTY

NOTE: This directory lists only the coal-producing operations. It does not list tipples, loading docks, preparation plants, or other active, nonproducing operations that would contribute to employment and wage statistics presented in tables 9–10. For those mines that have not been assigned a state mine number, a letter designation is used (example: Bt-C). There is no correlation between the "Seam Number" column and the "Production Tonnage" column. The Seam Number column represents the seam(s) mined at the operation. No production tonnage is listed by seam. Days in production were estimated for those companies not providing this information. To convert short tons to metric tons, multiply the given tonnage by 0.907185.

SEAM IDENTIFICATION OF PRINCIPAL OHIO COALS

1	Sharon	4	Brookville	6A	Lower Freeport	9	Meigs Creek
2	Quakertown	4A	Clarion	7	Upper Freeport	11	Waynesburg
3	Lower Mercer	5	Lower Kittanning	7A	Mahoning	12	Washington
3A	Upper Mercer	5A	Strasburg	8	Pittsburgh	H	Harlem
3B	Tionesta	6	Middle Kittanning	8A	Pomeroy-Redstone	W	Wilgus

Name of company	Name of mine	Township	Seam		Type of mine	Production		Days in production in 2007	Disposition		Employment			State mine number
			Number	Thickness (inches)		Method	Tonnage		Method	Tonnage	Production: Underground	Production: Surface	Non-production	
ATHENS COUNTY—Total production = 287,558														
Buckingham Coal Co., Inc.	Buckingham Mine No. 2	Trimble	6	108	Drift	cont. miner	287,558	117	rail	294,538	43		31	As-Bu
BELMONT COUNTY—Total production = 5,619,777														
American Energy Corp.	Century Mine	Wayne, Washington	8	63	Drift	longwall	108,708	352	rail	108,354	11		69	Bt-67[1]
						cont. miner	13,419		truck	20,897				
						Total	*122,127*		*Total*	*129,251*				
Cravat Coal Co.	Beagle Club	Richland	9	42	Surface	strip	53,175	56	truck	10,160		14	3	Bt-C8[2]
			11	48		auger	6,528		water	50,087				
						Total	*59,703*		*Total*	*60,247*				
	Lady Rend	Kirkwood	8	45	Surface	strip	14,208	34	truck	4,243		1	6	Bt-C4
			9	43		auger	7,333		water	17,292				
						Total	*21,541*		*Total*	*21,535*				
	Mt. Olivett	Warren, Kirkwood	9	42	Surface	strip	17,551	43	truck	19,581		8	8	Bt-C7
						auger	19,071		water	17,041				
						Total	*36,622*		*Total*	*36,622*				
Marietta Coal Co.	Fox Farms	Flushing	9	50	Surface	strip	2,618	20	truck	2,817		5		Bt-M11
						auger	199							
						Total	*2,817*							
	Hines/Triple B	Goshen, Warren	9	60	Surface	strip	22,341	75	truck	35,304		5	1	Bt-M13
			11	30		auger	12,963							
						Total	*35,304*							

[1]See also Monroe County.
[2]This mine was operated January through March 2007 by Cravat Coal Co., and April through December 2007 by Oxford Mining Co., Inc.

2007 OHIO DIRECTORY OF PRODUCING COAL-MINE OPERATORS, BY COUNTY (cont.)

Name of company	Name of mine	Township	Seam		Type of mine	Production		Days in production in 2007	Disposition		Employment			State mine number
			Number	Thickness (inches)		Method	Tonnage		Method	Tonnage	Production: Underground	Production: Surface	Non-production	
BELMONT COUNTY (continued)														
Ohio Valley Coal Co.	Powhatan No. 6	Smith	8	62	Drift	longwall	3,847,130	347	rail	4,391,830	270		295	Bt-68
						cont. miner	767,130		truck	355,172				
						Total	*4,614,260*		*Total*	*4,747,002*				
Oxford Mining Co., Inc.	Boswell	Warren	8	45	Surface	strip	41,424	216	truck	43,256		2		Bt-OX
						auger	1,832							
						Total	*43,256*							
	Barnesville Hospital	Warren	8	50	Surface	strip	287,379	255	truck	331,055		33	4	Bt-OX2
			9	30		auger	43,676							
						Total	*331,055*							
	Beagle Club	Richland	9	48	Surface	strip	208,149	191	truck	250,825		22	2	Bt-C8[2]
			11	38		auger	42,677							
						Total	*250,826*							
Sidwell Materials, Inc.	Uniontown Stone	Wheeling		8	Surface	strip	29,109	108	truck	29,109		22	6	Bt-S
Valley Mining, Inc.	Egypt Valley	Kirkwood, Warren		8	Surface	strip	58,190	120	truck	73,157		11	15	Bt-VM
				9		auger	14,967							
						Total	*73,157*							
CARROLL COUNTY—Total production = 392,877														
Buckeye Industrial Mining Co.	Albert	Perry	7A	15	Surface	strip	26,056	178	truck	26,056		2	1	Cl-B5
	James South	Rose	6	36	Surface	strip	102,658	182	truck	114,640		7	1	Cl-B4
						auger	11,982							
						Total	*114,640*							
Oxford Mining Co., Inc.	Dobrijevic	Lee	8A	16	Surface	strip	6,127	30	truck	6,127		5		Cl-M2
Sterling Mining Co.	Sterling-West (CH Deep)	Fox	7A	36	Drift	cont. miner	246,054	252	truck	246,054	28		1	Cl-S1
COLUMBIANA COUNTY—Total production = 281,266														
Amerikohl Mining Inc.	Bowman	Elk Run	7	28	Surface	strip	38,120	46	truck	38,120		6		Ca-A3
Buckeye Industrial Mining Co.	Henderson	West	7	28	Surface	strip	45,218	183	truck	45,218		4	1	Ca-B2
			7A	26										
	Ingledue	Center	7A	24	Surface	strip	34,659	185	truck	34,659		6	1	Ca-B1
	McClintock	Center	7A	24	Surface	strip	30,763	182	truck	30,763		2	1	Ca-B3
Oxford Mining Co., Inc.	Dailey	Elk Run	7	34	Surface	strip	131,555	255	truck	132,416		18	2	Ca-CE2
			7A	24		auger	861							
						Total	*132,416*							
Solomon's Mines, Inc.	Solomon's Mines, Inc.	Salem	7		Surface	strip	90		truck	90				Ca-SM
COSHOCTON COUNTY—Total production = 169,624														
Coshocton Landfill, Inc.	Coshocton Landfill, Inc.	Franklin	5	34	Surface	strip	636	8	truck	636		6		Cn-OM

Oxford Mining Co., Inc.	Oxford	Mill Creek, Clark	6	28	Surface	strip	116,723	119	truck	116,723		7	1	Cn-OX3
	Oxford Mining Co., Inc.	Linton	6	38	Surface	strip	48,573	121	truck	52,265		1		Cn-OX4
						auger	3,692							
						Total	*52,265*							
HARRISON COUNTY—Total production = 2,391,539														
Anthony Mining Co., Inc.	Carson Adjacent	Green	8	56	Surface	strip	15,787	59	truck	15,787		10		Hn-766
			8A	18										
	Morelli-Porter	Cadiz	8	48	Surface	strip	17,942	85	truck	17,942		3		Hn-C2
	Patton-Mader	German	H	20	Surface	strip	10,646	147	truck	10,646		3		Hn-A
	Sandy Ridge	Archer, Cadiz	8	50	Surface	strip	27,500	145	truck	27,500		1		Hn-A1
			8A	10										
Hopedale Mining, LLC	Hopedale Mine	Green	6A	58	Drift	cont. miner	169,496	119	rail	165,595	13		1	Hn-169
									truck	41,852				
									Total	*207,447*				
	Nelms Mine-Cadiz Portal	Green, Cadiz, Archer	6A	60	Drift	cont. miner	1,095,762	358	rail	919,742	134		32	Hn-710-A
									truck	177,374				
									Total	*1,097,116*				
CONSOL Energy, Inc.	Mahoning Valley Mine 937	Athens	8	40	Surface	strip			truck	254,158			3	Hn-700
Harrison Resources LLC	Sexton 2	Athens	8	50	Surface	strip	207,657	237	rail	62,969		7	3	Hn-H
			8A	19		auger	38		truck	144,726				
						Total	*207,695*		*Total*	*207,695*				
Oxford Mining Co., Inc.	Standingstone Mine	Cadiz	8	50	Surface	strip	149,605	188	rail	146,908		22	3	Hn-D
			8A	18		auger	53,715		truck	56,539				
			9	36		*Total*	*203,320*		*Total*	*203,447*				
	Jockey Hollow		8	50	Surface	strip	182,134	191	truck	182,134		15	2	Hn-C8
	Martin	Athens	8	61	Surface	strip	179,807	193	truck	179,807		1	7	Hn-O
			9	45										
	Oxford Mining Co., Inc.	Athens, Cadiz	8	61	Surface	strip	81,617	86	truck	81,617		1	2	Hn-O1
	Sexton	Cadiz	8	50	Surface	strip	57,072	100	truck	59,152		1		Hn-C5
			8A	30		auger	2,080							
						Total	*59,152*							
	Standingstone Mine	Cadiz	8	50	Surface	strip	135,585	63	rail	116,588		10		Hn-O2
			8A	18					truck	18,738				
			9	36					*Total*	*135,326*				
Schaney Mining	Kuchan	Green	8	46	Surface	strip	5,096	33	truck	5,096		2		Hn-SM1
JACKSON COUNTY—Total production = 354,801														
Cedar Heights Clay Co.	Harrison	Madison	5	30	Surface	strip	3,922	25	truck	3,922		4		Jkn-CH2
Waterloo Coal Co., Inc.	Bowman Strip	Madison, Bloomfield, Jefferson	3A		Surface	strip	350,879	307	truck	316,845		33	18	Jkn-367
			4											
			5											
			6											
			7											

2007 OHIO DIRECTORY OF PRODUCING COAL-MINE OPERATORS, BY COUNTY (cont.)

Name of company	Name of mine	Township	Seam		Type of mine	Production		Days in production in 2007	Disposition		Employment			State mine number
			Number	Thickness (inches)		Method	Tonnage		Method	Tonnage	Production: Underground	Production: Surface	Non-production	
JEFFERSON COUNTY—Total production = 936,608														
Anthony Mining Co., Inc.	Lions Club Adjacent	Smithfield	8	56	Surface	strip	74,813	246	truck	95,628		14	8	Jfn-AN
			8A	20		auger	20,815							
			9	18		*Total*	*95,628*							
Buckeye Industrial Mining Co.	Snyder DM 10	Ross	6A	36	Drift	cont. miner	405,432	220	truck	405,432	40		3	Jfn-BI
			7	40										
F. & M. Coal Co.	Grabbit Pit	Smithfield, Green	8	16	Surface	strip	14,396	309	truck	14,396		3		Jfn-FM1
			8A	54										
Sterling Mining Co.	Sterling-Shinn Hill	Brush Creek	7	36	Drift	cont. miner	27,180	102	truck	27,180	5			Jfn-ST2
	Sterling South	Brush Creek	7A	36	Drift	cont. miner	393,207	252	truck	393,207	31		9	Jfn-ST
Valley Mining, Inc.	Hamilton	Smithfield	8		Surface	strip	765	2	truck	765		1	6	Jfn-V1
			8A											
MAHONING COUNTY—Total production = 13,350														
D. & D. Mining Co.	D. & D. Strip	Springfield	5	30	Surface	strip	8,836	249	truck	9,832		4	2	Mg-D
						auger	2,045							
						Total	*10,881*							
East Fairfield Coal Co.	Withers-Petersburg	Springfield	4	22	Surface	strip	2,469	15	truck	2,469		4		Mg-E
MONROE COUNTY—Total production = 7,019,807														
American Energy Corp.	Century Mine	Sunbury	8	63	Drift	longwall	6,248,468	352	rail	6,228,148	360			Bt-67[3]
						cont. miner	771,339		truck	1,192,349				
						Total	*7,019,807*		*Total*	*7,420,497*				
MUSKINGUM COUNTY—Total production = 216,824														
Oxford Mining Co., Inc.	Adamsville SW	Washington	6	36	Surface	strip	160,030	255	truck	216,824		16	2	Mum-OX3
						auger	56,794							
						Total	*216,824*							
NOBLE COUNTY—Total production = 622,674														
B & N Coal, Inc.	Mantel	Jefferson, Elk	9	36	Surface	strip	113,898	242	truck	113,898		12	1	Ne-BN7
	Westfork Mine	Jefferson	9	36	Surface	strip	105,588	260	truck	105,588		9	1	Ne-BN5
	Whigville II	Marion	9	42	Surface	strip	214,875	262	truck	214,875		15	1	Ne-BN6
	Ullman Mine	Elk, Jefferson	9	36	Surface	strip	19,684	41	truck	19,684		14	1	Ne-151
Oxford Mining Co., Inc.	Long-Lefever	Beaver	9	40	Surface	strip	82,303	113	truck	99,709		2	5	Ne-O
						auger	17,406							
						Total	*99,709*							
	Oxford Mining Co., Inc.	Beaver	9	50	Surface	strip	68,920	130	truck	68,920		10	1	Ne-O1

PERRY COUNTY—Total production = 1,558,968														
Buckingham Coal Co., Inc.	Buckingham Coal Mine No. 7	Monroe	7	60	Drift	cont. miner	579,298	275	rail	567,683	41		31	Py-B1
	Buckingham Mine No. 6	Monroe	6	72	Drift	cont. miner	376,441	184	rail	382,395	7		7	Py-B2
Oxford Mining Co., Inc.	Oxford Mining Co., Inc.	Clayton	5	42	Surface	strip	586,118	255	rail	603,229		51	9	Py-O1
			6	52		auger	17,111							
						Total	*603,229*							
STARK COUNTY—Total production = 283,349														
Buckeye Industrial Mining Co.	Finnie	Paris	6A	24	Surface	strip	8,899	30	truck	8,899		1	1	Sk-B3
	Evanich	Paris	6	30	Surface	strip	25,249	120	truck	25,249		1	3	Sk-B8
			6A	26										
	Berlin Minerals	Sandy, Pike	5	20	Surface	strip	124,211	240	truck	124,211		7	1	Sk-BI3
			6	28										
		Paris	6	30	Surface	strip	36,844	140	truck	36,844		5	1	Sk-BI4
Buckeye Industrial Mining Co.	Close	Pike	4	24	Surface	strip	9,236	20	truck	9,236		6		Sk-B
ENZ, Inc.	Sickafoose Pit	Sandy, Pike	4	48	Surface	strip	33,619	171	truck	33,619		6	5	Sk-208
			5	32										
Kimble Clay & Limestone Co.	Kimble Clay & Limestone	Pike	4	28	Surface	strip	45,291	131	truck	45,291		8		Sk-P
			5	28										
TUSCARAWAS COUNTY—Total production = 1,618,224														
Belden Brick Co.	Moomaw Pit	Sugar Creek	4	15	Surface	strip	3,631	11	truck	3,631		4		Ts-1517
	Shanesville Pit	Sugar Creek	4	12	Surface	strip	4,136	30	truck	4,136		4		Ts-1939
	Wallick Pit	Franklin, Wayne	4	20	Surface	strip	5,156	23	truck	5,156		4		Ts-1841
Kimble Clay & Limestone Co.	Kimble Clay & Limestone Co.	York	5	28	Surface	strip	136,285	235	truck	163,818		9		Ts-K7
			6	28		auger	27,533							
						Total	*163,818*							
	Kimble Clay & Limestone Co.	Dover	4	28	Surface	strip	31,138	74	truck	31,138		2		Ts-1727
			5	28										
			6	28										
	Kimble Clay & Limestone Co.	Washington	6	28	Surface	strip	20,560	95	truck	33,940		1	1	Ts-K8
						auger	13,380							
						Total	*33,940*							
	Kimble Clay & Limestone Co.	Sugar Creek	3	28	Surface	strip	37,531	111	truck	37,531		2		Ts-K4
			4	28										
L & M Mineral Co.	Luikart	Mill, Warwick	7	20	Surface	strip	8,842	85	truck	8,842		1	1	Ts-1914
Oxford Mining Co., Inc.	Harper	Rush	7	33	Surface	strip	77,193	240	truck	95,628		10	1	Ts-O
						auger	18,435							
						Total	*95,628*							
	Oxford Mining Co., Inc.	Clay	5	30	Surface	strip	105,838	196	truck	227,430		13	2	Ts-O4
			6	38		auger	121,592							
						Total	*227,430*							
	Reynolds	Salem	7	40	Surface	strip	4,357	6	truck	4,357		1		Ts-2045
	Stone Creek	York	5	30	Surface	strip	302,563	255	truck	358,395		31	3	Ts-H4
			6	38		auger	55,832							
			7	30		*Total*	*358,395*							

[3]See also Belmont County.

2007 OHIO DIRECTORY OF PRODUCING COAL-MINE OPERATORS, BY COUNTY (cont.)

Name of company	Name of mine	Township	Seam		Type of mine	Production		Days in production in 2007	Disposition		Employment			State mine number
			Number	Thickness (inches)		Method	Tonnage		Method	Tonnage	Production: Underground	Production: Surface	Non-production	
TUSCARAWAS COUNTY (continued)														
	Strasburg Slurry	Lawrence, Franklin	4	18	Surface	strip	9,689	10	truck	9,689		2		Ts-HC
	Cole	Rush	7	33	Surface	strip auger *Total*	117,072 5,526 *122,598*	259	truck	122,598		9	1	Ts-O3
Ritchie Mining	Ritchie Pit	Salem	8 8A	54 20	Surface	strip	3,450	98	truck	3,450		1		Ts-K9
Rosebud Mining Company	Tusky Mine	Mill	6	40	Drift	cont. miner	485,410	264	rail truck *Total*	80,633 404,777 *485,410*	37		2	Ts-TR
Valley Mining, Inc.	Finley/Myers	Union	7		Surface	strip auger *Total*	19,675 3,400 *23,075*	51	truck	23,075		9	7	Ts-VM2
VINTON COUNTY—Total production = 515,827														
Sands Hill Coal Co., Inc.	Stanton	Wilkesville	4A 5 6 7	49 24 9 15	Surface	strip	117,601		truck water *Total*	83,360 34,241 *117,601*				Vn-S5
	Big Valley	Wilkesville, Vinton	4A 5 6 7	42 20 8 15	Surface	strip	398,226	256	truck water *Total*	282,278 115,948 *398,226*		37	47	Vn-S4

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS

For those mines for which a state mine number has not been assigned, a letter designation is used (example: Ts-A).
If there are no sales or production figures given for an operation, that operation reported no sales or production in 2007.
To convert short tons to metric tons, multiply the given tonnage by 0.907185.

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Addy Sand & Gravel 21301 County Rd. 106 P.O. Box 52 Newcomerstown, OH 43832 740-502-9598 Gerald L. Addy, owner	Addy	Coshocton	sand & gravel			Cn-AD	IM-971
Agg Rok Materials 711 Frank Rd. Columbus, OH 43223 614-875-5500 William G. Heffner, pres.	Agg Rok	Franklin	sand & gravel	378,867	378,589	Fn-36	IM-302
Alan Stone Co., Inc. 1324 Ellis Run Rd. Cutler, OH 45724 740-448-1100 Claudia Staley, pres.	Alan Stone Co., Inc.	Meigs	sandstone	525	525	Ms-A	IM-2260
William Albert, Inc. 1300 Cassingham Hollow Rd. Coshocton, OH 43812 740-622-3045 William Albert, pres.	William Albert, Inc. Pit 1 William Albert, Inc. Pit 2	Coshocton Coshocton	sand & gravel sand & gravel	 45,617	 47,617	Cn-828 Cn-WA	IM-1026 IM-2036
Alden Excavating 2504 Northampton Rd. Cuyahoga Falls, OH 44223 330-928-3249 Connie Ensign, pres.	Alden Excavating	Summit	sand & gravel	8,396	8,396	St-55	IM-589
Allgeier & Son, Inc. 6386 Bridgetown Rd. Cincinnati, OH 45248 513-574-3735 Michael E. Allgeier, pres.	Allgeier & Son, Inc. Pit 1 Allgeier & Son, Inc. Pit 2 Allgeier & Son, Inc.	Hamilton Hamilton Hamilton	sand & gravel sand & gravel sand & gravel	25,000 45,000 25,000	25,000 45,000 25,000	Hmn-AS1 Hmn-AS Hmn-C	IM-797 IM-1106 IM-1132
Alvis Landscape/Golf Course P.O. Box 253 Miamitown, OH 45401 513-353-3333 James H. Alvis, pres.	Shaw	Butler	sand & gravel	25,133	25,133	Br-A	IM-2246
American Sand & Gravel, Inc. 8188 Wales Rd. NW North Canton, OH 44720 330-762-9373 Christopher A. Scala, pres.	Plant #1 Plant #2 Plant #4 Plant #6	Portage Stark Stark Stark	sand & gravel sand & gravel sand & gravel sand & gravel	 666,554 89,020	 666,554 89,020	Pe-95 Sk-203 Sk-243 Sk-RO	IM-212 IM-654 IM-908 IM-2084
Anchor-Land, Ltd. P.O. Box 648 St. Clairsville, OH 43950 740-695-7237 C. F. Dawson, owner	Anchor Limestone	Belmont	limestone			Bt-A	IM-2148
Anthony Mining Co., Inc. P.O. Box 1298 Steubenville, OH 43952 740-268-8100 Albert Carapellotti, pres.	Patton-Mader	Harrison	limestone	10,842	10,842	Hn-A	IM-2247
Apex Environmental, LLC 11 County Rd. 78 P.O. Box 151 Amsterdam, OH 43903 412-562-1700 Ross Patton, pres.	Apex	Jefferson	limestone			Jfn-K	IM-1164
Area Rock LLC 873 East Main St. Woodville, OH 43469 419-849-2510 Tom Bischoff, pres.	Area Rock Quarry	Sandusky	limestone			Sy-A	IM-2227

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Artisan Moulded Brick Co. 775 Richland Shale Rd. P.O. Box 1617 Mansfield, OH 44903 419-524-0000 Helmut Lauff, pres.	Artisan Moulded Brick Co.	Richland	clay			Rd-R	IM-1035
Ashcraft Sand & Gravel, Inc. 5850 Dry Fork Rd. Cleves, OH 45002 513-367-5700 Otis Ashcraft, pres.	Ashcraft Sand & Gravel, Inc.	Hamilton	sand & gravel	108,946	108,946	Hmn-54	IM-710
Athens Hocking Reclamation Center 450 Gallagher Ave. P.O. Box 946 Logan, OH 43138 740-385-6019 Edward F. Kilbarger, pres.	Athens Hocking Reclamation Center	Athens	clay	12,000	12,000	As-594	
Atlas Towing Co. P.O. Box 1632 Parkersburg, WV 26101 304-428-0341 Christopher V. Criss, pres.	Belpre Bank Run	Washington	sand & gravel	10,193	10,193	Wn-54	IM-383
Baker Sand, Inc. 7800 White Rd. Burbank, OH 44214 330-948-1448 John E. Baker, pres.	Baker Sand, Inc.	Medina	sand & gravel	516,000	516,000	Ma-20	IM-448
G. E. Baker Construction, Inc. 6555 Wharton Rd. Shreve, OH 44676 330-264-6626 Glenn E. Baker, pres.	Humphrey	Ashland	sand & gravel	3,000	3,000	Ald-GB	IM-2298
Ballentine Excavation Co. 7854 Cooley Rd. Ravenna, OH 44266 330-297-9739 Daniel H. Ballentine, owner	Ballentine Lake	Portage	sand & gravel	37,670	37,670	Pe-BA	IM-1327
Barrett Paving Materials, Inc. 4710 Soldiers Home-WC Rd. Miamisburg, OH 45342 937-279-3200 Mike Oliver, plant super.	West Carrollton Aggregate Plant	Montgomery	sand & gravel	387,764	414,948	My-19	IM-401, IM-916
Barrett Paving Materials, Inc. 5325 Medway Rd. Fairborn, OH 45324 937-878-8631 Marc Zehnder, plant mgr.	Fairborn Aggregate Plant	Greene	sand & gravel	413,666	415,220	Ge-4	IM-394
Barrett Paving Materials, Inc. P.O. Box 13671 Dayton, OH 45413 937-424-9100 Marc Zehnder, plant mgr.	Barrett Paving Materials Inc.	Clark	sand & gravel	407,643	437,733	Ck-28	IM-1100, IM-2120
	Hardin Sand & Gravel	Shelby	sand & gravel	339,303	326,818	Shy-SC	IM-1018
	Jones Deposit	Shelby	sand & gravel			Shy-18	IM-388
	Schmidt Deposit	Shelby	sand & gravel			Shy-SC1	IM-2017
	Schmidt Deposit	Shelby	sand & gravel	400	400	Shy-11	IM-743
Barrett Paving Materials, Inc. Mid-Ohio 3244 S. Davis Rd. Ludlow Falls, OH 45339 937-698-3043 Jim Meckstroth, reg. mgr.	Barrett Paving Materials Inc. #231	Miami	limestone	511,516	465,558	Mi-BPM	IM-1169
	Bed Rock Properties	Miami	limestone			Mi-502	IM-414
	Vandemark Quarry #221	Shelby	limestone	101,059	197,509	Shy-15	IM-387
Bartley & Bolin Excavating 1242 County Rd. 1475 Ashland, OH 44805-9277 419-289-1507 Mitchell W. Bolin, owner	Bartley & Bolin, Inc. James Plant	Ashland	sand & gravel	113,498	113,498	Ald-B	IM-2141
	McNaul Road Plant	Richland	sand & gravel	69,585	69,585	Rd-20	IM-617

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Bearcreek Clay Co. 11123 State Route 37 East New Lexington, OH 43764 740-342-5473 Tom L. Dennis, owner	County Rd. 7 Mine	Perry	clay	28,100	28,100	Py-338	IM-1092
			shale	68,200	68,200		
Beaver Excavating, Inc. 4650 Southway St. SW P.O. Box 6059 Canton, OH 44706 330-478-2151 W. Mark Sterling, pres.	Stone Products	Stark	sand & gravel	8,000	8,000	Sk-BE	IM-1202
Beck Sand & Gravel, Inc. 2820 Webb Rd. Ravenna, OH 44266 330-626-3863 Rodney A. Wenrich, pres.	Beck Sand & Gravel, Inc.	Portage	sand & gravel	197,283	197,283	Pe-50	IM-96
Paul D. Beery Trucking Co. 4770 Cincinnati-Zanesville Rd. NE Lancaster, OH 43130 740-653-5061 Paul D. Beery, pres.	Paul D. Beery Trucking Co.	Fairfield	sand & gravel	1,092	1,258	Fd-14	IM-933
Belden Brick Co. P.O. Box 20910 Canton, OH 44701 330-852-2424 Robert F. Belden, pres.	Beagle Pit	Tuscarawas	clay			Ts-1960	IM-48
	Belden Pit	Tuscarawas	clay	15,575	15,575	Ts-1646	IM-44
			shale	26,618	26,618		
	Dundee Pit	Tuscarawas	clay			Ts-BB	IM-1221
	Moomaw Pit	Tuscarawas	limestone	595	595	Ts-1517	IM-46
			clay	30,863	30,863		
			shale	21,134	21,134		
	Plotner Pit	Tuscarawas	clay			Ts-B	IM-49
	Shanesville Pit	Tuscarawas	limestone	4,492	4,492	Ts-1939	IM-47
			clay	36,594	36,594		
			shale	46,651	46,651		
	Wallick Pit	Tuscarawas	clay	57,883	57,883	Ts-1841	IM-45
			shale	568	568		
Best Sand Corp. 11830 Ravenna Rd. Chardon, OH 44024 440-285-0707 Charles D. Fowler, pres.	Best Sand Corp.	Geauga	sandstone	725,932	703,381	Gea-3	IM-89
	Best Sand Corp.	Pike	sandstone	31,804	30,446	Pke-31	IM-835
Black Top Contracting, Inc. P.O. Box 426 Nelsonville, OH 45764 740-753-1181 Tim Maiden, pres.	Black Top #1	Athens	sand & gravel	418	418	As-588	IM-630
	York Twp. Trustees	Athens	sand & gravel	56,400	56,400	As-BT	IM-1350
Blue Jay Enterprises of Tuscarawas County, Inc. P.O. Box 641 Zoar, OH 44697 330-874-2048 Leland D. Ervin, pres.	Blue Jay #1	Tuscarawas	clay	4,538	4,538	Ts-BJ	IM-1285
			shale	4,782	4,782		
	Swonger Waltz Mine	Tuscarawas	clay			Ts-520	IM-214
Bluffton Stone Co. P.O. Box 26 Bluffton, OH 45817-0026 419-358-6941 Brent C. Gerken, pres.	Bluffton Stone Co.	Allen	limestone	294,826	246,329	An-1	IM-485
Bontrager Ecavating Co. 11087 Cleveland Ave. NW Uniontown, OH 44685 330-499-8775 Harry Gilbert, pres.	Gilbert	Summit	sand & gravel	773	773	St-B	IM-2303
Bowerston Shale Co. 515 Main St. P.O. Box 199 Bowerston, OH 44695 740-269-2921 Mark Willard, pres.	Bowerston	Harrison	shale	37,000	37,000	Hn-152	IM-42
	Scott Farm	Harrison	clay			Hn-B	IM-1020

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Bowerston Shale Co.	Hanover	Licking	shale	24,258	24,258	Lg-501	IM-257
1329 Seven Hills Rd. NE	Frazeysburg	Muskingum	clay	32,944	32,944	Mum-776	IM-256
Newark, OH 43055							
740-763-3921							
Mark Willard, pres.							
Gaston Bowling, Inc.	Indian Creek Sand & Gravel	Butler	sand & gravel			Br-40	IM-493
P.O. Box 330							
Oxford, OH 45056							
513-892-7259							
Gaston Bowling, pres.							
D. H. Bowman & Sons, Inc.	D. H. Bowman & Sons, Inc.	Richland	sand & gravel	72,957	71,066	Rd-4	IM-279,
1201 Mill St.							IM-1255
Bellville, OH 44813-1282							
419-886-2711							
John D. Ellis, pres.							
Boyas Excavating, Inc.	Boyas Excavating, Inc.	Cuyahoga	sand & gravel	10,113	10,113	Cya-42	IM-686
10055 Sweet Valley Dr.			clay	280	280		
Cleveland, OH 44125-4247							
216-524-3620							
Michael Boyas, pres.							
Boyd Excavating	Boyd Excavating	Logan	sand & gravel	1,025	1,025	Lgn-B	IM-1309
9553 County Rd. 28							
Zanesfield, OH 43360							
937-465-3290							
Jeff Boyd, owner							
Briar Hill Stone Co.	Quarry #56	Coshocton	sandstone			Cn-BH	IM-2147
P.O. Box 457	Quarry #18	Coshocton	sandstone			Cn-695	IM-402
Glenmont, OH 44628	Quarry #24	Coshocton	sandstone			Cn-692	IM-294
330-377-5100	Quarry #26	Coshocton	sandstone	1,031	1,031	Cn-13	IM-397
F. L. Waller, pres.	Quarry #3	Coshocton	sandstone			Cn-659	IM-232
	Quarry #32	Coshocton	sandstone	2,273	2,273	Cn-686	IM-504
	Quarry #54	Coshocton	sandstone	7,010	7,010	Cn-809	IM-909
	Quarry #55	Coshocton	sandstone	11,090	11,090	Cn-815	IM-939
	Quarry #31	Holmes	sandstone			Hs-49	IM-418
	Quarry #6	Knox	sandstone	580	580	Kx-12	IM-445
Briggs Sand & Gravel, Inc.	Briggs Sand & Gravel, Inc.	Washington	sand & gravel	9,184	9,184	Wn-508	IM-57
County Rd. 10-1905 Blue Knob Rd.							
Marietta, OH 45750							
740-373-3363							
James A. Briggs, pres.							
Brookside Materials LLC	Brooks	Licking	sand & gravel	6,000	10,000	Lg-B	IM-2273
2850 Rohr Rd.							
Groveport, OH 43215							
614-491-0868							
Gerald E. Bennett, pres.							
Broshear Contractors, Inc.	Green Heron	Butler	sand & gravel	30,410	30,410	Br-B	IM-2029
2520 Millville-Ross Rd.	Ross Twp. Gravel	Butler	sand & gravel			Br-48	IM-562
Hamilton, OH 45013							
513-863-3388							
Gerald Broshear, pres.							
Oscar Brugmann Sand & Gravel, Inc.	Oscar Brugmann Sand & Gravel, Inc.	Portage	sand & gravel			Pe-OB	IM-1241
	Oscar Brugmann Sand & Gravel, Inc.	Portage	sand & gravel			Pe-OB1	IM-2300
3828 Dudley Rd.	Oscar Brugmann Sand & Gravel, Inc.	Portage	sand & gravel	638,243	642,000	Pe-9	IM-119
Mantua, OH 44255			sandstone	54,222	56,300		
330-274-8224							
Roy Brugmann, pres.							
Buckeye-Industrial Mining Co.	James South	Carroll	clay			Cl-B4	D-2229
P.O. Box 389	Clay	Columbiana	clay	20,285	20,285	Ca-BIM	IM-1271
Lisbon, OH 44432	Ingledue	Columbiana	clay			Ca-B1	D-2003
330-337-9511	West Point	Columbiana	clay			Ca-987	D-0928
John C. Grisham, pres.	Baird	Stark	clay			Sk-B4	D-2096
	1Berlin Minerals	Stark	clay	122,342	122,342	Sk-BI3	D-2267
	Close	Stark	clay			Sk-B	D-1123
	Coy	Stark	clay			Sk-BI2	D-2145
	Weisel	Stark	clay	420	420	Sk-BI4	D-2288

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Marilyn J. Burkholder, Trust 1655 Fairview Rd. Galion, OH 44833 419-468-1361 Marilyn J. Burkholder, Trustee	Burkholder	Crawford	sand & gravel			Cd-B	IM-2204
Burlington Sand & Gravel Co. P.O. Box 399 Chesapeake, OH 45619 740-894-5978 Vernon E. Collier, owner	Burlington Sand & Gravel Co.	Lawrence	sand & gravel	1,345	1,345	Le-426	IM-856
The Terry Byrne Mining Co. 4775 Mill Run Rd. Lexington, OH 44904 419-886-4345 Terrance K. Byrne, owner	The Terry Byrne Mining Co.	Richland	sand & gravel	600	600	Rd-TB	IM-1343
C & S Contractors, Inc. P.O. Box 498457 Cincinnati, OH 45249 513-530-9844 Raymond A. Conn, pres.	C & S Contractors, Inc.	Warren	sand & gravel			Wan-47	IM-846
C.I.R., Inc. 2856 N. County Line Rd. Geneva, OH 44041-9604 440-352-2256 Steven J. Klima, pres.	Harmon	Lake	sand & gravel			Lke-CIR	IM-1243
Cargill Inc. Cargill Salt Division P.O. Box 6920 Cleveland, OH 44101 440-716-4664 Dale Fehrenbach, pres.	Cargill Deicing Technology Cargill Incorporated	Cuyahoga Summit	salt salt	2,934,499 292,800	2,723,516 296,171	Cya-30 St-9127	
Carmeuse Ohio Inc. P.O. Box 708 Bettsville, OH 44815 419-986-2000 Tom Durks, pres.	Maple Grove	Seneca	limestone	1,860,000	1,900,000	Sa-2	IM-352
Joe E. Carter 21399 State Line Rd. Lawrenceburg, IN 47025 812-537-3970 Joe E. Carter, owner	Lost Bridge	Hamilton	sand & gravel	1,600	1,600	Hmn-JC	IM-1267
Carter & Carter, Inc. P.O. Box 266 Miamisburg, OH 45343-0266 937-859-5414 Charles V. Carter, pres.	Carter & Carter, Inc.	Montgomery	sand & gravel	2,086	2,086	My-CW	IM-878
Cashen, Inc. 1225 Dock Rd. Madison, OH 44057 440-428-1148 Andrew Cashen, owner	Cashen, Inc.	Lake	sand & gravel			Lke-C	IM-1215
Cedar Heights Clay Co. P.O. Box 295 Oak Hill, OH 45656-0295 412-494-4491 William T. Brown, pres.	Harrison Phillips	Jackson Jackson	clay clay	52,356	52,356	Jkn-CH2 Jkn-CH3	IM-1302 IM-2035
CEMEX, Inc. 3250 Linebaugh Rd. Xenia, OH 45385 937-878-8651 Bernard P. McCormick, plant mgr.	Batdorf Miller, Schieder G-Tract	Greene Greene Montgomery	limestone limestone clay limestone	 710,000 180,000 200,000	 710,000 180,000 200,000	Ge-9 Ge-8 My-58	IM-364 IM-364 IM-330

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Central-Allied Enterprises, Inc. P.O. Box 80449 Canton, OH 44708-0449 330-477-6751 Gerald S. Orn, pres.	Canton Aggregate Div. Central Aggregate Div. Central Sand & Gravel Div. Massillon Washed Gravel Div. Massillon Washed Gravel Div.	Stark Stark Stark Stark Stark	sand & gravel sand & gravel sand & gravel sand & gravel sand & gravel	 132,000 380,400 216,000 160,000	 132,000 380,400 216,000 160,000	Sk-681 Sk-CA Sk-CA1 Sk-607 Sk-MW	IM-164 IM-1234 IM-2140 IM-102 IM-1171
Central Ohio Coal Co. P.O. Box 98 Cumberland, OH 43732-0098 740-962-2013 Dan R. Baker, pres.	Franklin	Morgan	limestone			Mon-C1	IM-2301
Chemtura USA Corp. 199 Benson Rd. Middlebury, CT 06749 203-573-2000 Robert L. Wood, pres.	Lake County Nursery	Lake	clay			Lke-U	IM-2213
Chesterville Sand & Gravel Co., Inc. State Route 95 E P.O. Box 51 Chesterville, OH 43317 419-768-3369 David W. Gleason, v. pres.	Chesterville Sand & Gravel Co., Inc.	Morrow	sand & gravel	215,627	215,627	Mw-10	IM-258
Christman Quarries 47278 Swazey Rd. Lewisville, OH 43754 740-838-2475 Kathy L. Dimmerling, owner	Christman Quarry	Monroe	limestone	69,530	69,530	Me-C	IM-1088
Carmen Cicero 999 Orchard Ave. Niles, OH 44446 330-538-3044 Carmen S. Cicero, owner	City Stone LLC	Mahoning	sandstone	160,732	160,732	Mg-62	IM-599
City Stone LLC 8063 Southern Blvd. Youngstown, OH 44512 800-262-9365 Ron Carrocce, pres.	City Stone LLC	Trumbull	sandstone	171	171	Tl-CA	IM-2085
Harlen D. & Barbara L. Clark 11535 County Rd. 16 Wauseon, OH 43567 419-335-2234 Harlen D. Clark, pres.	Clark	Fulton	sand & gravel	5,450	5,450	Ftn-C	IM-2274
Clemson Excavating, Inc. 9954 Old State Rd. Chardon, OH 44024 440-286-4757 Bill Clemson, pres.	Clemson Excavating Sand & Gravel	Ashtabula	sand & gravel	6,341	6,341	Asa-C	IM-1278
M. J. Coates Construction Co., Inc. P.O. Box 41231 Dayton, OH 45441 937-433-1581 Martin J. Coates, owner	M. J. Coates Construction Co., Inc. M. J. Coates Construction Co., Inc.	Greene Greene	sand & gravel sand & gravel	 137,716	 137,716	Ge-G Ge-47	IM-655 IM-751
Cochran Transportation Services, Inc. P.O. Box 578 Athens, OH 45701 740-593-3906 Charles W. Cochran, pres.	Circle Hill	Athens	sand & gravel clay	21,500 33	21,500 33	As-595	IM-1083
Boone Coleman Construction, Inc. 32 State Route 239 West Portsmouth, OH 45663 740-858-6661 Boone Coleman, pres.	Boone Coleman Construction, Inc. Coleman Pit	Scioto Scioto	sand & gravel sand & gravel	 120	 120	So-BC So-B	IM-1252 IM-705

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Bill D. Colwell 2530 Regina PL Hamilton, OH 45013 513-863-2138 Bill D. Colwell, owner	Bill D. Colwell Gravel	Butler	sand & gravel	2,500	2,500	Br-36	IM-649
Con-Ag, Inc. 16672 County Rd. 66A North St. Marys, OH 45885 419-394-8870 John R. Hirschfeld, pres.	Con-Ag, Inc.	Auglaize	limestone	247,102	247,102	Ae-31	IM-744
County Road #271 Mining 3820 County Rd. 271 Coshocton, OH 43812 740-622-3952 James V. Cognion, owner	Cognion	Coshocton	shale	22,000	22,000	Cn-CR	IM-2240
County Line Concrete & Supply Co. P.O. Box 176 Gnadenhutten, OH 44629 740-254-4635 William E.Stocker, Chairman	County Line Concrete & Supply Co.	Coshocton	sand & gravel			Cn-C	IM-1311
Craigton Shale Co. P.O. Box 6 Lakeville, OH 44638 330-496-3000 Leonard Schemrich, owner	Lakeville Sand & Gravel, Ltd. Craigton Shale Co.	Holmes Wayne	sand & gravel sand & gravel	107,782	107,782	Hs-C We-25	IM-1303 IM-1209
Cremeans Concrete & Supply Co., Inc. P.O. Box 475 Gallipolis, OH 45631 740-446-1142 John Cremeans, pres.	Cremeans Concrete & Supply Co., Inc.	Gallia	sand & gravel			Ga-626	IM-1046
Crosby Gravel, Inc. 9570 State Route 128 Harrison, OH 45030 513-738-0077 Donald Smith, pres.	Crosby Gravel, Inc.	Hamilton	sand & gravel	488	488	Hmn-44	IM-120
R. A. Cruise Sand & Gravel, Inc. P.O. Box 1066 Ravenna, OH 44266 330-296-4087 Larry A. Cruise, pres.	R. A. Cruise Sand & Gravel, Inc.	Portage	sand & gravel	25,609	25,609	Pe-45	IM-139
Cumberland Limestone LLC 53681 Spencer Rd. Cumberland, OH 43732 740-638-3942 Chris D. Sidwell, pres.	Cumberland Limestone, LLC	Guernsey	limestone	26,364	26,364	Gy-309	IM-1030
Cunningham Asphalt Paving, Inc. P.O. Box 370 Wheelersburg, OH 45694 740-574-6184 Karl Cunningham, pres.	Cunningham Pit	Scioto	sand & gravel			So-83	IM-211
Custar Stone Co., Inc. P.O. Box 627 NaP.O.leon, OH 43545 419-533-8831 Brent Gerken, pres.	Custar Stone Co., Inc.	Wood	limestone	1,463,338	1,556,880	Wd-5	IM-473
D. & D. Mining Co. 3379 E. Garfield Rd. New Springfield, OH 44443 330-549-3127 Donald Thompson, pres.	D. & D. Strip D. & D. Strip D. & D. Strip	Columbiana Columbiana Mahoning	shale sandstone clay sandstone shale	825 1,052 1,563	825 1,052 1,563	Ca-888 Ca-348 Mg-D	IM-1181 IM-976 D-2164

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
D. & K. Materials, Inc. 3072 Congress Lake Rd. Mogadore, OH 44260 330-678-2411 Kimberly S. Ebie, pres.	D & K Materials, Inc.	Portage	sand & gravel	88,084	88,084	Pe-101	IM-1154
D.B.M. Materials LLC 2040 Alum Creek Dr. Columbus, OH 43207 614-445-8421 John B. Igel, pres.	D.B.M. Materials LLC	Franklin	sand & gravel			Fn-14	IM-832
D.G.M., Inc. 453 Salisbury Rd. Beaver, OH 45613 740-820-3145 Mark A. Salisbury, v. pres.	Towpath-Warwick Tow Path Ready Mix	Ross Scioto	sand & gravel sand & gravel	35,349 102,888	35,350 102,888	Rs-D So-DGM	IM-2176 IM-1280
Darby Creek Excavating, Inc. 6790 Brooksmiller Rd. Circleville, OH 43113 740-477-8600 Kevin R. Steward, pres.	Darby Creek Excavating Inc.	Pickaway	sand & gravel			Pky-DC	IM-1316
Daron Coal Company, Inc. 42600 Deersville Ridge Rd. Cadiz, OH 43907 740-942-8223 Charles Ungurean, pres.	Standingstone Mine	Harrison	limestone	626,630	626,630	Hn-D	D-1181
De Milta Sand & Gravel, Inc. 921 Erie Rd. Eastlake, OH 44095 440-942-2015 Nick De Milta, pres.	De Milta Sand & Gravel, Inc.	Lake	sand & gravel			Lke-D	IM-1187
Demmy Construction, Inc. 4324 Fairfield Pike Springfield, OH 45502 937-323-4079 Daniel E. Demmy, pres.	Demmy Constuction, Inc.	Clark	limestone sand & gravel	7,007 32,528	7,007 32,528	Ck-501	IM-340
Demmy Sand & Gravel 4324 Fairfield Pike Springfield, OH 45502 937-325-8840 Daniel Demmy, pres.	Deam Demmy Sand & Gravel	Clark Clark	sand & gravel sand & gravel	1,000 4,073	1,000 4,073	Ck-LG Ck-502	IM-2073 IM-375
Diamond Stone Quarries P.O. Box 315 McArthur, OH 45651 740-596-5226 W. E. Engle, pres.	Diamond Stone	Athens	limestone	30,964	30,964	As-533	IM-17
DiGeronimo Aggregates LLC 5531 Canal Rd. Valley View, OH 44125 216-524-2950 Victor Digeronimo, Jr., pres.	DiGeronimo Aggregates LLC	Cuyahoga	shale	248,100	248,100	Cya-19	IM-95
Dingledine Basic Materials, Inc. 2304 Somerville Rd. P.O. Box 262 Somerville, OH 45064 513-726-5258 Gerald Dingledine, pres.	Dingledine Basic Materials, Inc.	Butler	sand & gravel	57,157	57,157	Br-50	IM-739
John R. Doherty 2229 Walnut Blvd. Ashtabula, OH 44004 440-964-8431 John R. Doherty, pres.	Doherty	Ashtabula	sand & gravel			Asa-JD	IM-2250

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
James E. Downard 1185 Mount Zwingli Rd. Bremen, OH 43107 740-569-7849 James E. Downard, owner	Downard Pit	Fairfield	sand & gravel	7,219	7,219	Fd-16	IM-1156
Duff Quarry, Inc. 9042 State Route 117 P.O. Box 305 Huntsville, OH 43324-0305 937-686-2488 James E. Duff, pres.	Duff Quarry, Inc. Duff Quarry, Inc. Duff Quarry, Inc. Duff Quarry, Inc. Duff Sand Co.	Logan Logan Logan Logan Logan	sand & gravel sand & gravel limestone sand & gravel sand & gravel	 1,666 346,066 5,132	 1,666 346,066 5,132	Lgn-39 Lgn-36 Lgn-15 Lgn-12 Lgn-31	IM-887 IM-1007 IM-453 IM-1071 IM-454
ENZ, Inc. P.O. Box 405 Magnolia, OH 44643 330-866-4510 James R. Demuth, pres.	Baum Sickafoose Pit	Stark Stark	sand & gravel limestone clay	78,559 18,139 57,765	78,559 18,139 57,765	Sk-E Sk-208	IM-2230 D-1015
ESSROC Cement Corp. P.O. Box 779 Bessemer, PA 16112 724-667-7702 George Gregory, pres.	Sylvania Quarry Bessemer Quarry Carbon Quarry	Lucas Mahoning Mahoning	limestone limestone limestone clay	1,875	1,875	Ls-12 Mg-608 Mg-EM	IM-953 IM-4 IM-1056
East Fairfield Coal Co. 10900 South Ave. P.O. Box 217 North Lima, OH 44452 330-549-2165 W. Thomas Mackall, pres.	Garfield Road Withers-Petersburg	Mahoning Mahoning	limestone limestone clay	228,227 1,307,181	228,227 1,245,553	Mg-EF Mg-631[1]	IM-2101 IM-1103
Ronald Eckel 12410 Archbold Whitehouse Rd. Whitehouse, OH 43571 419-875-9805 Ronald Eckel, pres.	Eckel	Lucas	sand & gravel			Ls-EC	IM-2275
David E. Edgington P.O. Box 282 Frankfort, OH 45628 740-998-5328 David E. Edgington, owner	Edgington Pit	Ross	sand & gravel	2,294	2,294	Rs-E	IM-1168
Egypt Valley Stone LLC P.O. Box 188 Morristown, OH 43759 740-782-0422 Richard Petrozzi, pres.	Shugert	Belmont	limestone	10,705	10,705	Bt-E	IM-2299
Enon Sand & Gravel LLC 11641 Mosteller Rd. Cincinnati, OH 45241 513-771-0820 James P. Jurgensen, pres.	Enon Sand & Gravel LLC Enon Sand & Gravel LLC	Clark Clark	sand & gravel sand & gravel			Ck-3 Ck-A	IM-463 IM-1359
Envirosafe Services of Ohio, Inc. 876 Otter Creek Rd. Oregon, OH 43616 419-698-3500 Douglas E. Roberts, pres.	Johlin Property Clay Mine	Lucas	clay	46,250	46,250	Ls-E	IM-1075, IM-2116
Erie Blacktop, Inc. 4507 Tiffin Ave. P.O. Box 2308 Sandusky, OH 44870 419-625-7374 Dean Wikel, pres.	Erie Blacktop Quarry Erie Blacktop, Inc.	Erie Huron	limestone sand & gravel	288,412	288,411	Ee-27 Hrn-16	IM-608 IM-975
Erie Materials, Inc. 4507 Tiffin Ave. Sandusky, OH 44870 419-625-7374 Dean Wikel, pres.	Borchardt	Erie	sand & gravel	510	510	Ee-18	IM-676

[1]This mine began underground operations in 2003.

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Evans Gravel, Inc. 4229 Round Bottom Rd. Cincinnati, OH 45244 513-271-1119 Douglas L. Evans, pres.	Evans Gravel, Inc. Evans Gravel, Inc.	Clermont Hamilton	sand & gravel sand & gravel	94,508 43,483	147,929 67,208	Ct-9 Hmn-E	IM-526 IM-2181
Feikert Sand & Gravel, Inc. 6871 Township Road 605 Millersburg, OH 44654 330-674-7245 Lynn O. Feikert, pres.	Feikert Sand & Gravel, Inc.	Holmes	sand & gravel	138,194	138,194	Hs-511	IM-1048, IM-1240
Fleming Construction Co., Inc. dba Scioto S. & G. P.O. Box 31 Marion, OH 43301-0031 740-494-2177 Sonja E. Fleming, pres.	Pit #1 Pit #2	Marion Marion	sand & gravel sand & gravel	7,256	7,256	Mn-16 Mn-19	IM-171 IM-990
Flesher Sand & Gravel, Inc. 3322 Clark Mill Rd. Norton, OH 44203 330-745-9239 James E. Fisher, Jr., pres.	Flesher Sand & Gravel, Inc.	Summit	sand & gravel			St-52	IM-900
Foureman's Sand & Gravel, Inc. 2791 Wildcat Rd. Greenville, OH 45331 937-548-1718 Gary B. Foureman, pres.	Foureman's Sand & Gravel, Inc.	Darke	sand & gravel	72,079	72,079	Dke-4	IM-433
Lloyd B. Fry P.O. Box 1515 Piqua, OH 45356 937-773-1940 Lloyd B. Fry, owner	Lloyd B. Fry	Miami	sand & gravel	1,935	1,935	Mi-T	IM-696
Frye Sand & Gravel, Inc. P.O. Box 3 Dorset, OH 44032-0003 440-858-2627 Harold L. Frye, owner	Frye Sand & Gravel, Inc. Frye Sand & Gravel, Inc.	Ashtabula Ashtabula	sand & gravel sand & gravel	250 518	250 518	Asa-F Asa-10	IM-1289 IM-198
GANS Ltd. 800 West Maple St. Hartville, OH 44632 330-877-2525 Ellis Erb, pres.	Gans Ltd dba Brimfield Sand & Soils	Portage	sand & gravel	15,507	3,050	Pe-102	IM-1184
Ganges Gravel Co. P.O. Box 638 Mansfield, OH 44901 419-896-3660 Don Daugherty, pres.	Ganges Gravel Co.	Richland	sand & gravel	22,500	22,500	Rd-18	IM-670
John L. Garber Materials, Inc. 2745 Gass Rd.-Route 8 Lexington, OH 44904 419-884-1567 John L. Garber, pres.	John L. Garber Materials, Inc. John L. Garber Materials, Inc.	Richland Richland	sand & gravel sand & gravel	172,328		Rd-14 Rd-G	IM-436 IM-2152
General Motors Power Train 26427 State Route 281 East Defiance, OH 43512 419-782-7010 John Thomas, plant mgr.	GM Powertrain Clay Borrow Area	Defiance	clay	26,870	26,870	De-3	IM-1351
Gibson Sand & Gravel Co. 1475 Knorr Rd. Galion, OH 44833 419-468-5820 John Gibson, owner	Gibson Sand & Gravel Co.	Crawford	sand & gravel clay	160 64	160 64	Cd-G	IM-0693

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Timothy P. Gleason 10217 State Route. 534 N Middlefield, OH 44062 440-272-5158 Timothy P. Gleason, pres.	Springbrook	Trumbull	sand & gravel sandstone clay	146,914 5,254 25,189	146,914 5,254 25,189	Tl-12	IM-131
Glen-Gery Corp. P.O. Box 207 Iberia, OH 43325 419-468-5002 Steve Matsick, pres.	Iberia Quarry	Marion	shale	189,300	189,300	Mn-7	IM-309
D & S Gotshell P.O. Box 23402 Chagrin Falls, OH 44023 330-995-6521 Dale Gotshell, owner	Richards	Ashtabula	sand & gravel			Asa-G	IM-2211
Gray Road Fill, Inc. 700 W Pete Rose Way Cincinnati, OH 45203 513-721-6000 Roy B. Schweitzer, pres.	Gray Road Fill, Inc.	Hamilton	sand & gravel			Hmn-GR	IM-1363
Graymont Dolime (OH) Inc. P.O. Box 158 Genoa, OH 43430 419-855-8336 William Dodge, pres.	Graymont Dolime (OH) Inc.	Ottawa	limestone	792,296	742,296	Oa-1[2]	IM-292
Grimes Excavating 165 Holdren Lane P.O. Box 120 New Matamoras, OH 45767 740-865-3990 Lewis Grimes, owner	Grimes Sand & gravel	Washington	sand & gravel	56,540	56,540	Wn-1008	IM-1111
Hanson Aggregates Midwest, Inc. 4100 Centennial Rd. P.O. Box 278 Sylvania, OH 43560-0278 419-882-0123 John Lawson, pres.	Sandusky Crushed Stone Sylvania Waterville Paulding Bloomville Flat Rock	Erie Lucas Lucas Paulding Seneca Seneca	limestone limestone limestone limestone limestone limestone	3,073,859 1,100,100 289,063 185,600 486,011 224,185	3,358,723 1,100,100 328,638 186,000 486,011 224,185	Ee-11 Ls-3 Ls-1 Pg-7 Sa-3 Sa-1	IM-263 IM-580 IM-575 IM-349 IM-347
Hanson Aggregates Midwest, Inc. 4281 Roush Rd. Hillsboro, OH 45133 937-364-2311 Craig Morgan, v. pres.	Plum Run Quarry Eagle Crushed Stone Dry Fork Sand & Gravel Highland Stone Piketon Sand & Gravel Scioto Valley Resources	Adams Brown Hamilton Highland Pike Scioto	limestone limestone sand & gravel limestone sand & gravel sand & gravel	1,102,802 1,328,300 928,868 467,978 372,003 8,890	1,102,802 1,328,300 928,868 503,407 336,406	Ads-1 Bn-EC Hmn-50 Hd-2 Pke-24 So-100	IM-237 IM-1195 IM-205, IM-1139 IM-230 IM-222 IM-950
Hanson Aggregates Midwest, Inc. dba Wagner Quarries Co. 4203 Milan Rd. Sandusky, OH 44870 419-625-8141 John Lawson, pres.	Wagner Quarry	Erie	limestone	2,287,689	2,287,689	EE-1	IM-310
Norman Harpster 16069 State Route 235 Belle Center, OH 43310 937-464-5623 Norman Harpster, owner	Harpster Pit	Hardin	sand & gravel	550	550	Hdn-H	IM-864
Harrison Sand & Gravel Co. 10980 Campbell Rd. Harrison, OH 45030 513-367-5174 Donald L. Gauck, v. pres.	Harrison Sand & Gravel Co.	Hamilton	sand & gravel			Hmn-17	IM-295

[2]Graymont Dolime (OH), Inc. and Stansley Mineral Resources operate from the same mine.

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Hartley Gravel 22941 Hartley Rd. Alliance, OH 44601 330-823-0003 Jacob Maendel, pres.	Hartley Gravel	Columbiana	sand & gravel	5,483	5,483	Ca-H1	IM-2033
Harvest Sand & Gravel, Inc. 2295 Bazetta Rd. Cortland, OH 44410 330-372-4408 Herbert R. Cottrell, pres.	Eberly Harvest Sand & Gravel, Inc.	Columbiana Columbiana	sand & gravel sand & gravel	27,814	27,814	Ca-H2 Ca-H	IM-2174 IM-2027
Haubeil & Sons Asphalt & Materials, Inc. 379 Seney Rd. Chillicothe, OH 45601 740-773-6358 George W. Haubeil, pres.	Haubeil & Sons Asphalt & Materials, Inc.	Ross	sand & gravel			Rs-H	IM-1052
Haueter Sand & Gravel, Inc. P.O. Box 206 Chardon, OH 44024 440-286-9482 Donald H. Haueter, pres.	Haueter Sand & Gravel, Inc. Haueter Sand & Gravel, Inc.	Geauga Geauga	sand & gravel sand & gravel			Gea-29 Gea-H	IM-215 IM-510
Heiser Sand & Gravel Corp. 4833 Applegrove St. NW North Canton, OH 44720 330-499-8201 Richard L. Heiser, pres.	Heiser Sand & Gravel Corp. Heiser Sand & Gravel Corp.	Stark Stark	sand & gravel sand & gravel			Sk-HS1 Sk-HS	IM-1203 IM-1193
Hidden Ranch Ltd. 9874 Winesburg Rd. Dundee, OH 44624 330-359-6126 Willis Miller, pres.	Schmid	Stark	sandstone	14,500	14,500	SK-HR	IM-2282
Ervin Hill Enterprises, Inc. P.O. Box 559 Hillsboro, OH 45133 937-393-4120 Mark Edenfield, pres.	Ervin Hill Enterprises, Inc.	Highland	sand & gravel	103,861	103,861	Hd-L	IM-1297
Hilltop Aggregate, Inc. P.O. Box 100 Mogadore, OH 44260 330-628-4000 Robert W. West, pres.	Hilltop Aggregate, Inc.	Portage	sand & gravel			Pe-56	IM-127
Hocking Valley Concrete, Inc. 35255 Hocking Dr. Logan, OH 43138 740-385-2165 Mark Vaughn, v. pres.	Hocking Valley Concrete, Inc.	Hocking	sand & gravel	59,074	66,500	Hg-262	IM-41
William A. Hoffman, Jr. 25043 State Route 104 Circleville, OH 43113 740-474-2002 William A. Hoffman, Jr., owner	Hoffman Pit	Pickaway	sand & gravel	1,820	1,820	Pky-H	IM-1039
Hollinger Excavating 2097 Hollansburg-Arcanum Rd. New Madison, OH 45346 937-996-5381 Tom W. Hollinger, leasee	Hollinger Gravel	Darke	sand & gravel			Dke-10	IM-326
Holmes Supply Corp. 7571 State Route 83 Holmesville, OH 44633 330-279-9000 Steve Schlabach, pres.	Holmes Supply Corp.	Holmes	sand & gravel	271,027	271,027	Hs-J	IM-1043

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Honey Creek Stone Co. P.O. Box 286 Petersburg, OH 44454 724-654-5537 Carmen W. Shick, pres.	Honey Creek Stone Co.	Mahoning	limestone	5,949		Mg-54	IM-93
Honey Creek Valley Realty Ltd. 812 County Road 2404 Loudonville, OH 44842 419-938-6508 Randy L. Burson, pres.	Honey Creek Valley Realty Ltd.	Ashland	sand & gravel			Ald-H	IM-2155
Terry A. Hoppes 1533 Moorefield Rd. Springfield, OH 45503 937-399-1531 Terry A. Hoppes, pres.	Mitchell Gravel Pit	Clark	sand & gravel	3,957	3,957	Ck-TH	IM-2133
L. A. Horn Excavating/ Construction, Inc. 35380 Hocking Dr. Logan, OH 43138 740-385-2625 Lucas A. Horn, pres.	L. A. Horn Excavating/Construction, Inc.	Hocking	sand & gravel	1,000	1,000	Hg-L	IM-2117
Hugo Sand Co. 7055 State Route 43 Kent, OH 44240 330-673-4710 Dorothy M. Strohm, pres.	Hugo Sand Co.	Portage	sand & gravel	190,878	190,878	Pe-10	IM-138
Hunter Land Development 3672 County Rd. 6-1 Delta, OH 43515 419-822-3744 Glenn Hunter, pres.	Hunter Land Development	Fulton	sand & gravel			Ftn-H	IM-1336
George J. Igel & Co., Inc. 2040 Alum Creek Dr. Columbus, OH 43207 614-445-8421 John B. Igel, pres.	George J. Igel & Co., Inc.	Pickaway	sand & gravel	638	638	Pky-C	IM-1223
IRG Operating, LLC dba Cleveland Quarries 850 W. River Rd. Vermilion, OH 44089 440-963-4008 Russell H. Ciphers, pres.	Birmingham Quarry Amherst Quarries	Erie Lorain	sandstone sandstone	8,147	11,213	Ee-21 Ln-3	IM-416 IM-415
J. L. & Son Excavating Inc. 8241 Ft. Laurens Rd. NW Strasburg, OH 44680 330-878-5883 Jerry L. Slankard, pres.	Beach City Pit	Tuscarawas	sandstone	400	400	Ts-2032	IM-1141
JBM Ltd. dba State Rte 416 Sand & Gravel 764 State Rte. 416 SE New Philadelphia, OH 44663 330-339-4313 William P. Marino, Jr., pres.	State Rt. 416 Sand & Gravel	Tuscarawas	sand & gravel	42,459	42,459	Ts-2018	IM-1076
Jaclib Enterprises, Inc. 560 State Route 554 Cheshire, OH 45620 740-367-0602 Jason C. Leach, pres.	Cheshire Pit	Gallia	sand & gravel	385	385	Ga-JE	IM-2034
JALIP, Ltd. 16303 Twp. Rd. 124 Harpster, OH 43323 740-496-2008 David Herring, owner	JALIP, Ltd.	Wyandot	sand & gravel	25,089	25,089	Wt-J	IM-2119

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
James Bros. Sand & Gravel Ltd. 3930 Boggs Rd. Zanesville, OH 43701 740-454-1522 Daniel G. James, owner	James Bros. Sand & Gravel Ltd.	Muskingum	sand & gravel	1,520	1,520	Mum-J1	IM-2251
Janson & Sons Corp. 11829 Spencer Park Rd. Hiram, OH 44234 330-274-8896 Gary Janson, owner	Janson & Sons Corp.	Portage	sand & gravel			Pe-J	IM-2051
Jarrett Sand Co. 6505 Skadden Rd. Sandusky, OH 44870 419-359-1750 James Jarrett, owner	Jarrett Sand Co.	Erie	sand & gravel	592	592	Ee-29	
Jaymar, Inc. 8751 North State Route 7 Cheshire, OH 45620 740-992-6637 Jay Hall, Jr., pres.	Jaymar, Inc. Plant #4 Plant #5	Gallia Meigs Meigs	sand & gravel sand & gravel sand & gravel	 849,820 	 849,820 	Ga-J Ms-308 Ms-L	IM-1145 IM-1174 IM-1159
Johnson Stone Products, Inc. 4018 Cleveland Rd East Huron, OH 44839 440-315-3699 Terry A. Johnson, pres.	Kipton Quarry	Lorain	sandstone	10,450	10,450	Ln-J	IM-1300
KCI Sand & Gravel P.O. Box 946 Logan, OH 43138 740-385-6019 Edward Kilbarger, pres.	KCI Sand & Gravel	Hocking	sand & gravel	38,972	72,000	Hg-HA	IM-1320
Keeney Sand & Stone, Inc. 13320 Girdled Rd. Painesville, OH 44077 440-254-4582 Dennis J. Keeney, pres.	Keeney Sand & Stone, Inc.	Lake	sandstone	66,157	66,157	Lke-K	IM-859
Kimble Clay & Limestone Co. 3596 State Route 39 NW Dover, OH 44622-9801 330-343-1226 Keith B. Kimble, pres.	Kimble Clay & Limestone Co.	Tuscarawas	limestone sandstone clay shale	210,832 1,587 52,919 111,100	210,832 1,587 52,919 111,100	Ts-1818	IM-9
King Quarries, Inc. 41820 Parrish Ridge Caldwell, OH 43724 740-732-2923 Mary King, pres.	King Quarries, Inc.	Noble	limestone	92,135	92,135	Ne-K1	IM-1292
Kinsman Materials, Ltd. P.O. Box 76 Chardon, OH 44024 440-286-4757 Bill Clemson, pres.	Kinsman Materials, Ltd.	Ashtabula	sand & gravel	45,246	45,246	Asa-20	IM-1198
Kipp's Gravel Co., Inc. 4987 State Route 222 Batavia, OH 45102 513-732-1024 Melvin M. Kipp, pres.	Kipp's Gravel Co., Inc.	Clermont	sand & gravel			Ct-7	IM-432
Kirby's Sand & Gravel, Inc. 4876 County Hwy. 43 Upper Sandusky, OH 43351-9155 419-927-2260 Gene Kirby, owner	Kirby's Sand & Gravel, Inc. Kirby's Sand & Gravel, Inc.	Wyandot Wyandot	sand & gravel sand & gravel	 115,992	 115,992	Wt-17 Wt-K	IM-604 IM-943

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Kleese Development Associates, Inc. 103 W. Market St. Warren, OH 44481 330-652-5991 Robert S. Kleese, pres.	Kleese Development Associates, Inc.	Trumbull	sand & gravel			Tl-K	IM-1101
Knox County Board of Commissioners 117 East High St. Mt. Vernon, OH 43050 740-397-1590 James L. Henry, County Engineer	Apple Valley	Knox	shale	4,994	4,994	Kx-K	IM-870
Krizman Enterprises 53100 Placid Dr. South Bend, IN 46637 219-272-8887 David J. Krizman, pres.	Krizman Enterprises	Tuscarawas	sand & gravel			Ts-K	IM-2050
T & K Kuhnle Co. P.O. Box 375 Newbury, OH 44065 440-564-7168 Bob Russell, v. pres.	Munn Materials	Geauga	sand & gravel	40,901	40,901	Gea-TK	IM-902
L & I Natural Resources, Inc. 10369 Cones Rd. Loveland, OH 45140 513-459-7716 Jerry Walker, pres.	L & I Pit & Mill	Warren	sand & gravel	76,000	76,000	Wan-50	IM-1006
L & M Mineral Co. 2010 County Rd. 144 Sugarcreek, OH 44681 330-852-3696 John E. Ling, Jr., pres.	Barr Farm	Stark	sand & gravel	14,874	14,874	Sk-LM	IM-2270
			clay	12,846	12,846		
	Heil	Tuscarawas	shale	43,009	43,009	Ts-1884	IM-6
	Luikart	Tuscarawas	clay	3,860	3,860	Ts-1914	D-0701
	Spring Industries	Tuscarawas	sand & gravel			Ts-SI	IM-569
	Spring	Tuscarawas	clay	2,267	2,267	Ts-1982	IM-621
L. C. Trucking Company, Inc. 2752 Springboro Pike Dayton, OH 45439 937-298-6369 C. Larry Cornett, pres.	Waynesville Mulch & Topsoil	Warren	sand & gravel			Wan-LC	IM-2167
LUB, Inc. 4174 East Pike Zanesville, OH 43701 740-452-3668 Otto Luburgh, pres.	LUB, Inc.	Muskingum	clay			Mum-LB	IM-2106
Lafarge Corp. Great Lakes Region P.O. Box 160 Paulding, OH 45879 419-399-4861 Bruno Lafont, pres.	Paulding Quarry	Paulding	limestone	780,000	780,000	Pg-1	IM-513
			shale	120,000	120,000		
Lafarge North America 555 Frost Rd., Suite 100 Streetsboro, OH 44241 330-463-1200 Ken MacLean, pres.	Kelleys Island Quarry	Erie	limestone	1,042,843	1,094,644	Ee-K	IM-727
	Petersburg	Mahoning	limestone	732,892	729,007	Mg-L	IM-1353
	Marblehead	Ottawa	limestone	4,060,840	3,929,223	Oa-7	IM-440
	Shalersville North	Portage	sand & gravel	708,800	739,157	Pe-La	IM-1047
	Shalersville South	Portage	sand & gravel			Pe-68	IM-1107
	Navarre	Stark	sand & gravel			Sk-241	IM-582
Lakeside Sand & Gravel Co. 3498 Frost Rd. Mantua, OH 44255 330-274-2569 Larry Kotkowski, pres.	Lakeside Sand & Gravel Co.	Portage	sand & gravel	571,407	571,407	Pe-40	IM-190
Latham Limestone LLC 11641 Mosteller Rd. Cincinnati, OH 45241 513-771-0820 James P. Jurgensen, pres.	Latham Limestone	Pike	limestone	485,000	485,000	Pke-13	IM-213

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Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Link Trucking Co., Inc. 7305 State Route 669 N McConnelsville, OH 43756 740-617-7544 Glen Kussmaul, pres.	Matthew	Morgan	sand & gravel	48,895	48,895	Mon-L	IM-1266
Little Miami Sand & Gravel P.O. Box 36 Lebanon, OH 45036 513-932-3221 Paul N. Herdman, pres.	Little Miami Sand & Gravel Plant #1 Little Miami Sand & Gravel Plant #2	Warren Warren	sand & gravel sand & gravel			Wan-B Wan-46	IM-679 IM-842
Logan Construction LLC 3610 County Rd. 50 Rushsylvania, OH 43347 937-468-2356 Todd Mobley, owner	Logan Construction LLC	Logan	sand & gravel			Lgn-L	IM-2064
Loxley Aggregates, Inc. 4277 Falls Rd. Lewisburg, OH 45338 937-839-5488 Matthew L. Loxley, pres.	Loxley Aggregates, Inc.	Preble	sand & gravel clay	1,719 729	1,719 729	Pre-9	IM-1095
Luburgh Inc. 4174 East Pike Zanesville, OH 43701 740-452-3668 Otto Luburgh, pres.	Cameron Brothers	Muskingum	clay	5,000	5,000	Mum-L2	IM-2200
Lucky Sand & Gravel Co. 12018 Frost Rd. Mantua, OH 44255 330-562-6196 Bernard Udelson, pres.	Lucky Sand & Gravel Co.	Portage	sand & gravel	20,235	20,235	Pe-L	IM-154
MGQ, Inc. P.O. Box 130 Old Fort, OH 44861 419-992-4235 Lyn O. Radabaugh, pres.	Liberty Pit	Seneca	limestone			Sa-M	IM-2239
MacRitchie Materials, Inc. P.O. Box 90 West Millgrove, OH 43467 419-288-2790 Donald B. MacRitchie, pres.	MacRitchie Materials, Inc.	Wood	limestone	340,404	317,914	Wd-1	IM-548
MAR-DEL Enterprises, Inc. P.O. Box 6156 Chillicothe, OH 45601 740-775-3098 Marvin E. Riley, pres.	MAR-DEL Enterprises, Inc.	Jackson	sand & gravel	4,133	4,133	Jkn-M	IM-2209
Marshall Quarry, Inc. 11199 State Route 124 Hillsboro, OH 45133 937-402-7755 Troy A. Main, v. pres.	Marshall Quarry, Inc.	Highland	limestone	7,477	7,477	Hd-4	IM-406
Martin Marietta Aggregates 300 Star Ave, Suite 312 Parkersburg, WV 26101 304-485-7341 Dan Goethel, gen. mgr.	Apple Grove Plant	Meigs	sand & gravel	417,736	549,888	Ms-205	IM-30
Martin Marietta Aggregates 4770 Duke Dr., Suite 200 Mason, OH 45040 513-701-1141 Steve Raffensperger, v. pres.	Fairfield II Gravel Fairfield Sand & Gravel Hamilton Gravel Ross Sand & Gravel Fairborn Gravel Clinton Limestone Blue Rock Limestone Cedarville Haines Rd. Spring Valley S & G Xenia S & G	Butler Butler Butler Butler Clark Clinton Fayette Greene Greene Greene Greene	sand & gravel sand & gravel sand & gravel sand & gravel sand & gravel limestone limestone limestone sand & gravel sand & gravel sand & gravel	 1,295,782 630,096 489,898 34,414 513,715 25,054 442,944	 1,544,153 606,152 451,401 4,296 572,535 32,568 227,095	Br-14 Br-35 Br-5 Br-29 Ck-13 Cln-W Fe-2 Ge-17 Ge-32 Ge-42 Ge-33	IM-147 IM-200 IM-153 IM-149 IM-366 IM-2160 IM-169 IM-435 IM-400 IM-954, IM-2123 IM-379

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
	E-town Sand & Gravel	Hamilton	sand & gravel	817,644	511,233	Hmn-71	IM-771
	Harrison Sand & Gravel	Hamilton	sand & gravel	32,507		Hmn-37	IM-170
	Miamitown	Hamilton	sand & gravel			Hmn-D	IM-1079
	Stuart Pit	Hamilton	sand & gravel			Hmn-P	IM-1333
	Lynchburg Quarry	Highland	limestone	5,614	5,614	Hd-M	IM-1170
	Troy Sand & Gravel	Miami	sand & gravel	248,590	105,233	Mi-3	IM-462, IM-658
	Phillipsburg	Montgomery	limestone	795,033	761,959	My-1	IM-374
	Rip Rap Rd.	Montgomery	sand & gravel			My-66	IM-677
	Franklin Gravel	Warren	sand & gravel	246,400	201,090	Wan-38	IM-615
Martin Marietta Magnesia Specialties, Inc. 755 Lime Rd. Woodville, OH 43469 419-849-4200 Tim Tawney, ops. mgr.	Woodville Quarry	Sandusky	limestone	2,293,364	2,221,448	Sy-1	IM-537
R.J. Martin Service & Excavating 1875 Roxanna-New Burlington Rd. Waynesville, OH 45068 937-862-4182 Roger J. Martin, pres.	Horseshoe Bend Sand & Gravel, Inc.	Greene	sand & gravel	747	747	Ge-40	IM-923
MAR-ZANE Materials, Inc. P.O. Box 1585 Zanesville, OH 43702-1585 740-453-0721 Nick Little, pres.	Enterprise Pit	Hocking	sand & gravel	2,456	2,456	Hg-HV	IM-1284
Massillon Materials, Inc. 26 N. Cochran St. P.O. Box 499 Dalton, OH 44618 330-837-4767 Howard J. Wenger, pres.	Massillon Materials, Inc.	Stark	sand & gravel	480,373	480,373	Sk-M	IM-1031
	MMI Warmington Plant	Stark	sand & gravel	234,336	234,336	Sk-M1	IM-1332
	MMI Sandyville Plant	Tuscarawas	sand & gravel	105	105	Ts-MM	IM-1324
Mathews Sand & Gravel 5061 Monroe Center Conneaut, OH 44030 440-594-1130 Edward G. Mathews, owner	Mathews Sand & Gravel	Ashtabula	sand & gravel	400	400	Asa-M	IM-1301
James L. Meade 2151 State Route 46 North Jefferson, OH 44047 440-593-6902 James L. Meade, pres.	Meade	Ashtabula	sand & gravel			Asa-JM	IM-2242
Mechanicsburg Sand & Gravel, Inc. 5734 State Route 54 Mechanicsburg, OH 43044 937-834-3606 James G. Cushman, pres.	Mechanicsburg Sand & Gravel, Inc.	Champaign	sand & gravel	171,500	171,500	Cpn-22	IM-889
The Melvin Stone Co., LLC P.O. Box 158 Sabina, OH 45169 937-584-2486 Dennis J. Garrison, pres.	Melvin Stone Co. LLC	Clinton	limestone	1,706,828	1,706,828	Cln-1	IM-241
	Fayette	Fayette	limestone			Fe-1	IM-831
	Bowersville	Greene	limestone	317,776	317,776	Ge-M	IM-2052
	Circleville	Pickaway	sand & gravel	333,475	333,475	Pky-R	IM-993
	Williamsport	Pickaway	limestone	391,500	391,500	Pky-4	IM-209
	Plano Road	Ross	limestone	390,750	390,750	Rs-MC1	IM-1298
Menuez Bros. Sand & Gravel, Inc. 5420 County Rd. 349 Millersburg, OH 44654 330-674-4254 Joel A. Menuez, pres.	Menuez Bros. Sand & Gravel, Inc.	Holmes	sand & gravel	139,824	139,824	Hs-82	IM-707
Mesenburg Bros., Inc. 2366 Wells Rd. Collins, OH 44826 419-668-5691 William Mesenburg, pres.	Mesenburg Bros., Inc.	Huron	sandstone	19,053	19,053	Hrn-8	IM-268

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Miami River Stone Co. 1700 Miami River Rd. Sidney, OH 45365 937-492-5412 Thomas P. Milligan, pres.	Miami River Stone Co.	Shelby	limestone	568,562	557,651	Shy-17	IM-389
			sand & gravel	51,934			
	Rock Run	Shelby	limestone			Shy-16	IM-411
	Staley Pit	Shelby	sand & gravel	10,280	10,000	Shy-SS	IM-438
			limestone				
	Washington Twp. Pit	Shelby	sand & gravel			Shy-13	IM-412
Miami View Mining Co., Ltd. 998-B East Ridge Dr. Lebanon, OH 45036 513-932-6481 James P. Jurgensen, managing mbr.	Miami View	Warren	sand & gravel	488,527	488,527	Wan-MV	IM-1329
Mid Ohio Resources 459 State Route 97 West Bellville, OH 44813 352-369-8600 Darryl C. Lanker, pres.	Bellville West	Richland	sand & gravel	24,064	132,226	Rd-M1	IM-2191
Miller Bros. Gravel, Inc. 7900 S. Kessler-Frederick Rd. Tipp City, OH 45371 937-836-0981 Thomas O. Miller, pres.	Miller Bros. Gravel, Inc.	Montgomery	sand & gravel	312,180	263,330	My-52	IM-348
Miller's Sand & Gravel, Inc. 10228 State Route 82 Windham, OH 44288 330-326-3157 Brian K. Miller, pres.	Miller's Sand & Gravel, Inc.	Portage	sand & gravel	364		Pe-39	IM-1078
Millersville Lime Inc. 3964 County Rd. 41 Millersville, OH 43435-9786 419-995-5553 Thomas Buck, pres.	Millersville Plant	Sandusky	limestone	433,600	435,000	Sy-4	IM-381
	Woodville Plant	Sandusky	limestone			Sy-3	IM-282
Milton Materials LLC 7131 West Fenner Rd. Ludlow Falls, OH 45339 937-698-7048 Tom Wagner, pres.	Milton Materials Fenner Pit	Miami	sand & gravel	81,000	138,000	Mi-4	IM-472
Moon Enterprises, Inc. 2701 South Eber Rd. Monclova, OH 43542 419-866-1317 Kenneth Mark Moon, pres.	Moon Enterprises, Inc.	Lucas	sand & gravel			Ls-ME	IM-1345
Moore's Excavating Co. 2222 N. U.S. Hwy 68 Urbana, OH 43078 937-653-6288 Dorothy Moore, pres.	Moore's Excavating Co.	Champaign	sand & gravel	824	824	Cpn-20	IM-482
	Moore's Excavating Co.	Clark	sand & gravel	2,416		Ck-29	IM-1233
Moraine Materials Co., Inc. 1400 Commerce Center Dr. Franklin, OH 45005 937-743-0650 George Kling, pres.	Germantown Plant 21	Montgomery	sand & gravel	100,799	100,799	My-41	IM-360
	Carlisle Plant #27	Warren	sand & gravel			Wan-7	IM-151
Morrow Gravel Co. 11641 Mosteller Rd. Cincinnati, OH 45241 937-584-2486 Dennis Garrison, pres.	Urbana	Champaign	sand & gravel	189,000	189,000	Cpn-1	IM-371
	Morrow Gravel Co.	Warren	sand & gravel	220,572	220,572	Wan-M	IM-728, IM-1065
Morton International, Inc. Morton Salt Division P.O. Box 428 Grand River, OH 44045-0428 440-639-4243 Mark Mitchell, facility mgr.	Fairport Mine	Lake	salt	1,142,200	1,103,555	Lke-6	

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Morton International, Inc. Morton Salt Division 151 S. Industrial St. P.O. Box 337 Rittman, OH 44270-0337 330-925-3015 Walter W. Becky, pres.	Morton Salt Well Field	Wayne	salt	468,000	475,000	We-9129	
Muskingum River Gravel Co. P.O. Box 1585 Zanesville, OH 43702-1585 740-453-0721 Nick Little, pres.	S & S Aggregate #8	Hocking	sand & gravel	95,875	101,397	Hg-301	IM-458
	S & S Aggregate	Morgan	sand & gravel			Mon-M	IM-0718
	S & S Aggregate #1	Muskingum	sand & gravel	223,810	228,636	Mum-228	IM-421
	S & S Aggregate Plant #7	Ross	sand & gravel	132,960	132,389	Rs-M	IM-114
	Plant #2	Washington	sand & gravel	30,820	30,821	Wn-38	IM-701
National Aggregates, Inc. P.O. Box 340 Malvern, OH 44644 330-866-1999 William Scheckler, pres.	National Aggregates, Inc.	Stark	sand & gravel	154,540	154,540	Sk-1017	IM-1186
National Lime & Stone Co. P.O. Box 120 Findlay, OH 45839-0120 419-422-4341 Carl Palmer, pres.	Bloomlock Quarry	Allen	limestone			An-4	IM-491
	Lima Plant	Allen	limestone	940,000	940,000	An-3	IM-484
	Buckland Plant	Auglaize	limestone	446,000	446,000	Ae-10	IM-486
	Wapakoneta Plant	Auglaize	sand & gravel			Ae-30	IM-598
	Bucyrus Plant	Crawford	limestone	1,874,000	1,874,000	Cd-1	IM-404
	Delaware Plant	Delaware	limestone	3,215,000	3,215,000	Del-5	IM-207
	Meredith Quarry	Delaware	limestone			Del-2	IM-299
	Warrensburg	Delaware	limestone			Del-3	IM-327
	Columbus Plant	Franklin	sand & gravel	209,000	209,000	Fn-52	IM-191, IM-2193
	Findlay Plant	Hancock	limestone	808,000	808,000	Hk-7	IM-1002
	Ridge Quarry	Hancock	limestone			Hk-A	IM-1299
	County Line Quarry	Hardin	limestone			Hdn-N	IM-2072
	Hamilton Quarry	Marion	limestone			Mn-2	IM-423
	Marion Plant	Marion	limestone	896,000	896,000	Mn-3	IM-168
	Rimer Plant	Putnam	limestone	214,000	263,000	Pm-N	IM-0479
	Delphos Quarry	Van Wert	limestone	87,000	87,000	Vt-1	IM-500
	Carey Plant	Wyandot	limestone	2,303,000	2,303,000	Wt-1	IM-405
	Sammet	Wyandot	sand & gravel	132,000	132,000	Wt-N	IM-2132
	Upper Sandusky Plant	Wyandot	sand & gravel			Wt-15	IM-376, IM-551
Neer's Sand & Gravel 4859 Township Rd. 45 Bellefontaine, OH 43311 937-585-6733 Arden J. Neer, Sr., owner	Neer's Sand & Gravel	Logan	sand & gravel	100,424	100,424	Lgn-6	IM-459
Nelson Sand & Gravel, Inc. P.O. Box 466 Kingsville, OH 44048 440-224-0198 Thomas H. Nelson, pres.	Nelson Sand & Gravel, Inc.	Ashtabula	sand & gravel	49,770	49,770	Asa-N1	IM-2102
New Carlisle Sand & Gravel Co. 6090 S. Scarff Rd. New Carlisle, OH 45344 937-845-8434 James R. Upton, owner	New Carlisle Sand & Gravel Co.	Miami	sand & gravel			Mi-501	
Newbury Sand & Gravel, Inc. 14757 Ravenna Rd. Burton, OH 44021 440-708-1958 Bruce Thomas, pres.	Newbury Sand & Gravel, Inc.	Geauga	sand & gravel			Gea-N	IM-1123
Newton Asphalt Paving, Inc. P.O. Box 86 Strasburg, OH 44680 330-878-5648 George A. Gessner, pres.	516	Tuscarawas	sand & gravel	159,468	159,468	Ts-2001	IM-1004
J. E. Nicolozakes Co. 62920 Georgetown Rd. Cambridge, OH 43725 740-435-3505 John E. Nicolozakes, pres.	Bank One	Tuscarawas	sand & gravel			Ts-N	IM-2032

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
North Shore Stone Quarries, Inc. 72 Fernhill Ave. Columbus, OH 43228 614-878-0620 Clifford Hammond, pres.	North Shore Stone Quarries, Inc	Seneca	limestone	2,128	2,128	Sa-8	IM-313
Northwest Ohio Property Developments, Ltd. P.O. Box 23242 Toledo, OH 43623 419-260-4406 Gene W. Borton, pres.	NOPD, Ltd	Fulton	sand & gravel	6,807	6,807	Ftn-NW	IM-2138
Nuway Services 3441 Sportsman Club Rd. Johnstown, OH 43031 740-587-2451 Wilda McInturff, pres.	Hopewell	Licking	clay	3,370	3,370	Lg-NU	IM-2046
Carl E. Oeder & Sons Sand & Gravel 1000 W. Mason Morrow Millgrove Lebanon, OH 45036 513-494-1555 Carl E. Oeder, pres.	Carl E. Oeder and Sons Sand & Gravel	Warren	sand & gravel	466,217	466,217	Wan-41	IM-629
Oglebay Norton Industrial Sands, Inc. 2446 Glassrock Rd. Glenford, OH 43739 740-342-8710 Steve Bell, gen. mgr.	Millwood Plant Glass Rock Plant	Knox Perry	sandstone sandstone	69,580 216,942	69,580 216,942	Kx-1 Py-344	IM-269 IM-1014
Ohio Asphaltic Limestone Corp. 8591 Mad River Rd. Hillsboro, OH 45133 937-364-2191 Diana M. Jones, pres.	Ohio Asphaltic Limestone Corp. Ohio Asphaltic Limestone Corp. Ohio Asphaltic Limestone Corp.	Highland Highland Highland	limestone limestone limestone	362,101	362,101	Hd-3 Hd-O Hd-O1	IM-253 IM-2056 IM-2068
Olen Corp. 4755 South High St. Columbus, OH 43207-4028 614-491-1515 Kenneth W.Holland, pres.	Columbus Plant #3 Darel L. Hathaway Fredericktown Plant #2 St. Louisville Plant #5 Hickerson Upper Sandusky	Franklin Knox Knox Licking Richland Wyandot	sand & gravel sand & gravel sand & gravel sand & gravel sand & gravel limestone	1,607,000 284,000 429,000 575,000	1,607,000 284,000 429,000 575,000	Fn-58 Kx-DH Kx-O Lg-31 Rd-O Wt-3	IM-1023 IM-2078 IM-2159 IM-246 IM-2257 IM-298
Oneida Sand & Gravel, Inc. P.O. Box 910 Malvern, OH 44644 330-863-0808 Rodney L. Smitley, pres.	Oneida Sand & Gravel, Inc.	Carroll	sand & gravel	20,500	20,500	Cl-204	IM-554
Osborne Materials Co. P.O. Box 249 Grand River, OH 44045 440-357-5562 Gary D. Bradler, pres.	Osborne Materials Co.	Lake	sand & gravel	41,500	41,500	Lke-Dredge	
Oster Sand & Gravel, Inc. 5947 Whipple Ave. NW North Canton, OH 44720-7692 330-494-5472 Marlene K. Oster, pres.	Malvern Plant Massillon Plant Oster Sand & Gravel, Inc.-Bolivar	Carroll Stark Tuscarawas	sand & gravel sand & gravel sand & gravel	 275,000 78,100	 275,000 78,100	Cl-O Sk-165 Ts-2036	IM-2082 IM-192 IM-1155
Ours Sand & Gravel 20444 State Route 7 S Crown City, OH 45623 740-256-1378 Donald A. Ours, owner	Ours Sand & Gravel	Gallia	sand & gravel	3,231	3,231	Ga-O	IM-1028

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Oxford Mining Co., Inc. P.O. Box 427 Coshocton, OH 43812 740-622-6302 Charles C. Ungurean, pres.	Dailey Mine Stone Creek	Columbiana Tuscarawas	clay clay			Ca-CE2 Ts-H7	D-2097 D-2109
P. & R. Materials LLC 7683 Hartman Rd. Wadsworth, OH 44281 330-335-0143 Stephen Forker, pres.	P. & R. Materials LLC	Ashland	sand & gravel	10,162	10,162	Ald-G	IM-1121
Patrick Excavating, Inc. 5839 State Route 5 P.O. Box 38 Ravenna, OH 44266 330-296-7706 Tim Patrick, pres.	Patrick	Portage	sand & gravel clay	1,001 850	1,001 850	Pe-P	IM-1322
Phillips Sand & Gravel P.O. Box 187 Alpha, OH 45301 937-431-7986 Richard Phillips II, pres.	Phillips Sand & Gravel	Greene	sand & gravel	352,227	352,227	Ge-36	IM-305
Piqua Materials, Inc. Piqua Minerals Division 1750 W. Statler Rd. Piqua, OH 45356 937-773-4824 Albert Donovan, mgr.	Piqua Minerals Division	Miami	limestone	579,060	581,715	Mi-1	IM-382
C. F. Poeppelman, Inc. 4755 N. State Route 721 Bradford, OH 45308 937-448-2191 James C. Poeppelman, pres.	C. F. Poeppelman, Inc.	Miami	limestone	413,162	413,162	Mi-10	IM-335
Portage Aggregate & Supply, LLC 10155 Royalton Rd. N. Royalton, OH 44133 330-297-6800 Anthony J. Farinacci, pres.	Portage Aggregate & Supply, LLC	Portage	sand & gravel	99,389	99,389	Pe-M	IM-1312
Power Development Corp. P.O. Box 936 Malvern, OH 44644 330-863-0603 Paul W. Robertson, pres.	Power Development/Robertson	Carroll	sand & gravel	400	1,450	Cl-PD	IM-1352
Prairie West Ltd. 7260 Township Road 569 Frederickburg, OH 44627 330-695-2478 Ivan R. Hochstetler, pres.	Prairie West Ltd.	Holmes	clay	2,570	2,570	Hs-P	IM-2293
Precision Aggregates I, LLC 4843 County Rd. 43 Upper Sandusky, OH 43351 419-352-4581 Randolph Schmeltz, pres.	Precision Aggregate I, LLC	Wyandot	sand & gravel	47,000	47,000	Wt-4	IM-520
Precision Aggregates II, LLC 12205 E. Gypsy Ln. Bowling Green, OH 43402 419-352-4681 Randolph G. Schmeltz, pres.	Precision Aggregates II, LLC	Wood	limestone	201,000	201,000	Wd-14	IM-1157
Precision Aggregates III, LLC 100 South Stone St. Fremont, OH 43420 419-333-2366 Randolph Schmeltz, pres.	Precision Aggregates III, LLC	Sandusky	limestone sand & gravel	127,972 528	127,492 528	Sy-5	IM-0259

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Precision Harness Racing Stables, Inc. 482 Blackbrook Rd. Painesville, OH 44077 440-352-3138 Todd Harrison, v. pres.	Precision Harness Racing Stables, Inc.	Lake	sand & gravel			Lke-P	IM-2258
Putnam Stone Co. 7053 Road M Ottawa, OH 45875-9754 419-523-6004 Tony Shroyer, pres.	Putnam Stone Co.	Putnam	limestone	241,807	210,348	Pm-2	IM-570
Quality Ready Mix, Inc. 12201 Fryburg Rd. Wapakoneta, OH 45895 419-738-2817 Robert E. Hirschfeld, pres.	Quality Pit	Auglaize	sand & gravel	16,970	16,970	Ae-16	IM-595
Quality Stone Co. 8751 North State Route 7 Cheshire, OH 45620 740-992-6637 Jay Hall, Jr., pres.	Quality Stone Co. Route 32	Vinton Vinton	limestone limestone	 130,646	 130,646	Vn-190 Vn-193	D-0761
R & S Materials, Inc. 937 Kertesz Rd. Clinton, OH 44216 330-499-1024 Gary A. Ross, pres.	Copley Sand & Gravel	Summit	sand & gravel			St-54	IM-934
R. L., Ltd. 5850 Dryfork Rd. Cleves, OH 45002 513-367-5700 Otis Ashcraft, pres.	R. L., Ltd.	Hamilton	sand & gravel	3,134	3,134	Hmn-67	IM-529
Rainbow Sand & Gravel, Inc. P.O. Box 240 Bristol, OH 44402 330-889-9400 Rex King, pres.	Rainbow Sand & Gravel, Inc.	Portage	sand & gravel	60,000	60,000	Pe-64	IM-1017
Razor Lake S. & G., LLC 59894 County Rd. 9 Newcomerstown, OH 43832 740-294-1370 Terry L. Jurin, owner	Razor Lakes S. & G., LLC	Coshocton	sand & gravel	66,841	66,841	Cn-R	IM-2175
Regeneration Materials P.O. Box 146 Dundee, OH 44624 330-852-2012 Matthew Maendel, pres.	Dundee Mine	Tuscarawas	sand & gravel sandstone	 7,830	 7,830	Ts-1660	IM-68
Ridge Township Quarry 16905 MiddlePoint Rd. Van Wert, OH 45891 419-238-2533 Jenny Lautenschleger, foreman	Ridge Township Quarry	Van Wert	limestone	176,789	176,789	Vt-7	IM-642
Riverside Sand & Gravel Co., Inc. P.O. Box 324 Tallmadge, OH 44278-0324 330-673-2021 Albert H. Acken, Jr., pres.	Riverside Sand & Gravel Co., Inc.	Summit	sandstone	1,109	1,109	St-24	IM-239
Gary Roberts Excavating 570 Derby Downs Rd. Newark, OH 43055 740-763-3206 Gary L. Roberts, owner	Gary Roberts Excavating	Licking	sand & gravel	500	500	Lg-504	IM-991

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Rockwell Sand & Gravel, Inc. 1022 State Route 43 Suffield, OH 44260 330-628-0697 Roger Schuck, pres.	Ruefner	Portage	sand & gravel	6,000	6,000	Pe-R	IM-2037
Romig Excavating P.O. Box 260 Sherrodsville, OH 44675 740-269-1225 David K. Longfellow, pres.	Romig	Carroll	sandstone	522	522	Ca-R	IM-2296
Roy M. Roush 11278 Darby Creek Rd. Orient, OH 43146 614-877-4792 Roy M. Roush, owner	R Farm S & G	Pickaway	sand & gravel	4,523	4,523	Pky-RR	IM-2040
Royalty Enterprises, Inc. P.O. Box 8680 Newark, OH 43058 740-323-3333 Clayton King, pres.	King #1	Licking	salt	160	160	Lg-4484	
Rumpke Mountain Mining Co. 10795 Hughes Rd. Cincinnati, OH 45251 513-851-0122 William J. Rumpke, pres.	Rumpke Mountain Mining Co.	Hamilton	clay			Hmn-72	IM-1264
Rumpke Waste, Inc. 9427 Beyers Rd. Georgetown, OH 45121 513-851-0122 William J. Rumpke, pres.	Rumpke Waste, Inc.	Brown	clay shale	36,924 17,901	36,924 17,901	Bn-W	IM-2076
Rupp Construction, Inc. 18228 Fulton Rd. Marshallville, OH 44645 330-855-2781 Gary D. Radabaugh, pres.	Rupp Construction, Inc.	Wayne	sand & gravel	197,751	197,751	We-7	IM-471
S & S Aggregate, Inc. P.O. Box 1585 Zanesville, OH 43702-1585 740-453-0721 Nick Little, v. pres.	Lockbourne Rd. S & S Agg. #16 Twin Lakes-S & S Agg. #10 Twin Lakes-S & S Agg. #11 S & S Agg. #14 Twin Lakes-S & S Agg. #9	Franklin Portage Portage Portage Richland Summit	sand & gravel sand & gravel sand & gravel sand & gravel sand & gravel sand & gravel	 467,600 198,204 13,028	 471,994 216,083 41,374	Fn-24 Pe-15 Pe-67 Pe-59 Rd-5 St-44	IM-266 IM-104 IM-202 IM-210 IM-470 IM-178
S.R.I., Inc. 1550 Soldiers Home-West Carrollton Dayton, OH 45418 937-268-8991 Steve Rauch, pres.	S.R.I., Inc.	Montgomery	sand & gravel	233	233	My-R	IM-539
SDI Steel Buildings LLC 713 Keystone St. Crooksville, OH 43731 740-982-4280 Mark B. Swingle, pres.	SDI Steel Buildings, Ltd.	Perry	clay			Py-SDI	IM-2182
Salt Creek Materials 880 Spry Rd. Zanesville, OH 43701 614-872-3860 Charles Lighthizer, pres.	Salt Creek Materials	Muskingum	sand & gravel			Mum-216	IM-689
Sandkuhl Clay Works, Inc. 05536 Kossuth-Amanda Rd. Spencerville, OH 45887 419-647-2905 Ann L. Engh, pres.	Sandkuhl Clay Works, Inc.	Auglaize	clay	3,596	3,596	Ae-7	

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Sandman Trucking, Inc. 9025 Old AirPort Hwy. Holland, OH 43528 419-865-1666 Robert H. Parker, Jr., pres.	Sandman Trucking, Inc. Sandman Trucking, Inc.	Fulton Fulton	sand & gravel sand & gravel	74,643	74,643	Ftn-SA1 Ftn-SA	IM-2136 IM-1335
Guy Schieve 52943 State Route 113 Wakeman, OH 44889 440-965-8792 Guy Schieve, owner	Schieve Pit	Lorain	sand & gravel	6,037	6,037	Ln-12	IM-731
Schloss Materials Co. P.O. Box 233 Chagrin Falls, OH 44022 216-587-4900 Raymond E. Schloss, Jr., pres.	Schloss Materials Co.	Portage	sand & gravel			Pe-SM	IM-499
Roy B. Schweitzer dba The Gravel Co. 700 West Pete Rose Way Cincinnati, OH 45203 513-721-6000 Roy B. Schweitzer, pres.	New Miami Pit Cleves	Butler Hamilton	sand & gravel sand & gravel	19,019	19,019	Br-3 Hmn-28	IM-719 IM-353
Scioto Sand & Stone, Inc. P.O. Box 2423 Huntington, WV 25725 740-574-5058 Talbert Ball, pres.	Scioto #1	Scioto	sand & gravel			So-BT	IM-1286
Mark E. Scott P.O. Box 6112 Chillicothe, OH 45601 740-772-4990 Mark E. Scott, owner	Scott Pit	Ross	sand & gravel	5,000	5,000	Rs-P	IM-122
Seville Sand & Gravel, Inc. 8215 Seville Rd. Lodi, OH 44254 330-948-1812 George Cross, pres.	Seville Sand & Gravel, Inc.	Medina	sand & gravel	256,000	256,000	Ma-22	IM-425, IM-442, IM-650, IM-651
Sewell, Betty, and Rebecca Johnson 3403 U.S. Route 68 South Bellefontaine, OH 43311 937-593-5602 Betty and Rebecca Johnson, owners	Johnson Gravel Pit	Logan	sand & gravel			Lgn-J	IM-2053
Shamrock Materials, Inc. 11641 Mosteller Rd. Cincinnati, OH 45241 513-771-0820 James P. Jurgensen, pres.	Shamrock Walls Material	Butler Darke	sand & gravel limestone	253,000 396,000	253,000 396,000	Br-52 Dke-1	IM-814 IM-362
Sharon Stone Co. P.O. Box 100 Dexter City, OH 45727 740-783-3575 Carl Baker, Jr., pres.	Sharon Stone Co. Belpre Sand & Gravel	Noble Washington	limestone sand & gravel	120,793 452,638	120,793 452,638	Ne-S Wn-SS	IM-913 IM-2006
Shelly Materials, Inc. 80 Park Dr. Thornville, OH 43076 740-246-6315 John Powers, pres.	Shelly Materials, Inc. Plant #1336	Champaign	sand & gravel	8,071	8,071	Cpn-21	IM-616
	Springfield Plant #1303	Clark	sand & gravel	5,067	5,067	Ck-25	IM-358
	Apache Pit #1	Coshocton	sand & gravel			Cn-783	IM-717
	Apache Pit #2	Coshocton	sand & gravel			Cn-718	IM-227
	Shelly Materials, Inc. Plant #1305	Coshocton	sand & gravel	278,765	278,765	Cn-694	IM-293
	Shelly Materials, Inc. Plant #1314	Fairfield	sand & gravel	381,953	381,953	Fd-13	IM-848, IM-1331
	Columbus Limestone #331	Franklin	limestone	3,813,953	3,813,953	Fn-53	IM-185
	Lockbourne #1333	Franklin	sand & gravel	529,061	529,061	Fn-23	IM-183
	Marble Cliff Plant #0332	Franklin	limestone	2,101,393	2,101,393	Fn-2	IM-261
	Shelly Materials Plant #1312	Licking	sand & gravel	191,010	191,010	Lg-W	IM-1213
	Van Wey Sand & Gravel Plant #1312	Licking	sand & gravel	525,425	525,425	Lg-10	IM-217
	Portland Plant	Meigs	sand & gravel	88,904	88,904	Ms-S	IM-1326
	Shelly Materials, Inc. Plant #1306	Meigs	sand & gravel	273,792	273,792	Ms-298	IM-32

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
	East Fultonham	Muskingum	limestone	927,354	927,354	Mum-106	IM-297
	Shelly Materials, Inc. Plant #1309	Muskingum	sand & gravel	107,973	107,973	Mum-799	IM-317, IM-264
	Jefferson Materials Plant #1302	Portage	sand & gravel	340,000	340,000	Pe-63	IM-82
	Chillicothe	Ross	sand & gravel			Rs-G	IM-2099
	Shelly Material, Inc. Plant #1321	Ross	sand & gravel	199,646	199,646	Rs-27	IM-1098
	Shelly Materials, Inc.	Scioto	sand & gravel			So-79	IM-221
	Allied Corp., Inc. #1301	Stark	sand & gravel	502,000	502,000	Sk-N	IM-156
	Allied Corp., Inc.	Stark	sand & gravel			Sk-173	IM-879
	Shelly Materials, Inc. Plant #0310	Union	limestone	1,637,507	1,637,507	Un-2	IM-236
	Willow Island Plant #1341	Washington	sand & gravel	634,100	634,100	Wn-C	IM-1315
Shelly Materials, Inc. P.O. Box 3100 Findlay, OH 45840 740-246-6315 John Powers, pres.	Forest Quarry	Hardin	limestone	647,268	428,420	Hdn-S	IM-1034
	Hardin Quarry	Hardin	limestone			Hdn-2	IM-443
	Belle Center	Logan	limestone	299,553	247,270	Lgn-2	IM-494
	East Liberty Quarry	Logan	limestone			Lgn-1	IM-574
	Tri-County Limestone Co.	Marion	limestone			Mn-1	IM-250
	York Center Quarry	Union	limestone	453,932	431,094	Un-1	IM-208
Sidco Development, Inc. 4620 Limestone Valley Rd. Zanesville, OH 43701 740-849-2422 Jeffrey R. Sidwell, pres.	Columbia Cement	Muskingum	limestone			Mum-SD	IM-1313
	Midvale Sand & Gravel	Tuscarawas	limestone	4,950	4,950	Ts-S2	IM-1356
			sand & gravel	279,217	279,217		
R. W. Sidley, Inc. 615 W. Main St. Conneaut, OH 44030 440-352-9343 Robert Buescher, pres.	Sidley-Kingsville Plant	Ashtabula	sand & gravel	35,700	35,700	Asa-15	IM-783
R. W. Sidley, Inc. 7123 Madison Rd. Thompson, OH 44086 440-352-9343 Robert Buescher, pres.	Thompson Pit	Geauga	sandstone	153,900	170,000	Gea-1	IM-163
	Sidley-Painesville Plant	Lake	sand & gravel	1,500	1,500	Lke-7	IM-162
Sidney Sand & Gravel Co. 1700 Miami River Rd. Sidney, OH 45365 937-492-5412 Thomas P. Milligan, pres.	Wagner Pit	Shelby	sand & gravel			Shy-S	IM-1005
Sidwell Materials, Inc. 4620 Limestone Valley Rd. Zanesville, OH 43701 740-849-2422 Jeffrey R. Sidwell, pres.	Bellaire Stone	Belmont	limestone	70	70	Bt-1190	IM-1089
			sandstone	11,271	11,271		
	Uniontown Stone	Belmont	limestone	344,495	344,495	Bt-N	IM-1283
			sandstone	4,908	4,908		
			shale	11,546	11,546		
	Dupler/Ford	Muskingum	limestone	352,747	352,747	Mum-SB	IM-1212, IM-1269
	Moore	Muskingum	limestone			Mum-S	IM-2214
	Sidwell Materials, Inc.	Muskingum	limestone			Mum-SW	IM-2092
	White Cottage	Muskingum	limestone	62,518	62,518	Mum-104	IM-277
Joe Simak & Sons Trucking, Inc. 3052 E. Center St. P.O. Box 599 North Kingsville, OH 44068 440-224-1992 Joseph E. Simak, pres.	Amboy Pit	Ashtabula	sand & gravel	10,000	10,000	Asa-ST	IM-1349
	Baird Pit	Ashtabula	sand & gravel	9,950	9,950	Asa-JS	IM-1360
	Dreslinski Pit	Ashtabula	sand & gravel	17,156	17,156	Asa-JS1	IM-2130
	North Ridge Pit	Ashtabula	sand & gravel	6,529	6,529	Asa-18	IM-949
			clay	6,653	6,653		
Small's Sand & Gravel, Inc. P.O. Box 617 Gambier, OH 43022 740-427-3677 Michael W. Small, pres.	Small's Sand & Gravel, Inc	Knox	sand & gravel	7,343	7,343	Kx-S	IM-2000
	Small's Sand & Gravel, Inc.	Knox	sand & gravel	250	250	Kx-17	IM-968
	Small's Sand & Gravel, Inc.	Knox	sand & gravel	231,710	231,710	Kx-15	IM-967
George C. Smith/Mason's Sand & Gravel Co. 2385 Rathmell Rd. Obetz, OH 43207 614-491-3611 George C. Smith, pres.	Mason's Sand & Gravel Co.	Franklin	sand & gravel	63,382	63,382	Fn-11	IM-234

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Sober Sand & Gravel Co. 2898 Tallmadge Rd. Ravenna, OH 44266 330-325-7088 Tracy Sober, pres	Sober Sand & Gravel Co.	Portage	sand & gravel clay	170,295 2,500	170,295 2,500	Pe-18	IM-193
Soehnlen Bros. Sand & Gravel, Inc. 10449 Soehnlen Rd. NW Beach City, OH 44608 330-756-2244 Francis L. Soehlen, pres.	Soehnlen Bros. Sand & Gravel, Inc.	Tuscarawas	sand & gravel	171,970	171,970	Ts-1826	IM-88
Solomon's Mines, Inc. 7732 Salem-Unity Rd. Salem, OH 44460 330-337-0123 Jack Solomon, owner	Solomon's Mines, Inc. Solomon's Mines, Inc.	Columbiana Mahoning	sand & gravel sandstone sandstone clay	88,750 24,182	88,750 24,182	Ca-S Mg-632	IM-1258 IM-808
Solon Excavators Sand & Gravel, Inc. 7826 Ferguson Rd. Streetsboro, OH 44241 330-626-2560 Howard Sargent, pres.	Valley Brook Valley Brook	Portage Portage	sand & gravel sand & gravel			Pe-V Pe-V1	IM-2061 IM-2151
Soltis Sand & Gravel 19102 Nelson Ledges Rd. P.O. Box 452 Garrettsville, OH 44231 440-548-5813 James Soltis, owner	Soltis Sand & Gravel	Geauga	sand & gravel clay	253 580	280 670	Gea-9	IM-132
South Central Sand & Gravel 340 Bailey Chapel Rd. Piketon, OH 45661 740-289-2629 James A. Nier, owner	South Central Sand & Gravel	Pike	sand & gravel	14,411	14,411	Pke-30	IM-786
Southern Ohio Aggregates, Inc. 11641 Mosteller Rd. Cincinnati, OH 45241 513-771-0820 James P. Jurgensen, pres.	New Miami Plant Cleves Pit Kilby Road Gratis Plant	Butler Hamilton Hamilton Preble	sand & gravel sand & gravel sand & gravel sand & gravel	8,900	8,900	Br-S Hmn-S Hmn-SO Pre-7	IM-1053 IM-746 IM-720 IM-306
Southern Ohio Sand LLC P.O. Box 748 Willoughby, OH 44094 440-487-9771 Roy Vaughn, pres.	Southern Ohio Sand, LLC	Pike	sandstone	42,559	42,559	Pke-S	IM-1348
City of Springfield 201 Eagle City Rd. Springfield, OH 45502 937-525-5880 Albert E. Dewell, water plant supt.	City of Springfield	Clark	sand & gravel			Ck-7	IM-449
Spring Industries, Inc. 56290 Dilles Bottom Rd. Shadyside, OH 43947 740-671-9400 Glenn Straub, pres.	Bolivar Pit	Stark	sand & gravel			Sk-SI	IM-588
St. Joe Sand & Gravel, LLC 13307 County Rd. J35 Montpelier, OH 43543 419-392-6749 David A. Nixon, pres.	Watson	Williams	sand & gravel	124,554	180,744	Ws-S	IM-2243
Stansley Mineral Resources 5648 Main St. Sylvania, OH 43560 419-243-2813 Jeffrey Stansley, pres.	Stansley Mineral Resources Inc., Plant 301	Ottawa	limestone	525,000	404,276	Oa-1[2]	IM-292

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
State Line Resources, Inc. P.O. Box 419 Negley, OH 44441 330-426-9611 James Muse, v. pres.	State Line Resources, Inc.	Columbiana	clay			Ca-505	IM-13, IM-936
Stewart & Reichman, Inc. 6801 State Route 416 SE Gnadenhutten, OH 44629 740-922-0050 Timothy G. Brown, pres.	Stewart & Reichman, Inc.	Tuscarawas	sand & gravel	51,481	51,481	Ts-111	IM-55, IM-2065
Stocker Sand & Gravel Co. P.O. Box 176 Gnadenhutten, OH 44629 740-254-4635 William E. Stocker, pres.	Stocker Sand & Gravel Co.-Gnaden Stocker Sand & Gravel Co.-Island Stocker Sand & Gravel Co. Stocker Sand & Gravel Co.	Tuscarawas Tuscarawas Tuscarawas Tuscarawas	sand & gravel sand & gravel sand & gravel sand & gravel	377,490 432,240	377,480 432,240	Ts-69 Ts-125 Ts-ST Ts-S3	IM-51 IM-50 IM-2125 IM-2232
Stoneco, Inc. P.O. Box 3100 Findlay, OH 45840 740-246-6315 John Powers, pres.	Maumee Quarry Celina Quarry Rocky Ridge Quarry Auglaize Quarry Scott Quarry Montpelier North Pit Lime City Quarry Portage Quarry Carey Quarry	Lucas Mercer Ottawa Paulding Van Wert Williams Wood Wood Wyandot	limestone limestone limestone limestone limestone sand & gravel limestone limestone limestone	1,264,883 704,200 1,238,987 456,213 706,989 179,443 1,608,760	1,305,182 681,727 1,148,850 397,508 698,793 117,731 1,511,139	Ls-2 Mr-1 Oa-14 Pg-2 Vt-3 Ws-9 Wd-6 Wd-11 Wt-8	IM-503 IM-592 IM-320 IM-481 IM-495 IM-498 IM-480 IM-475 IM-273
Ken Strahler Masonry, Inc. 116 Alta St. Marietta, OH 45750 740-373-4529 Kenneth E. Strahler, pres.	Duck Creek # 1	Washington	clay			Wn-St	IM-2224
Sugarcreek Clay & Limestone P.O. Box 402 Sugarcreek, OH 44681 330-852-4440 David K. Longfellow, pres.	Sugarcreek Clay & Limestone	Coshocton	sand & gravel	33,000	33,000	Cn-624	IM-243
Summitville Tiles, Inc. P.O. Box 173 Summitville, OH 43962 330-223-1511 David Johnson, pres.	Summitcrest Inc. Summitville Tiles, Inc.	Columbiana Columbiana	shale shale	21,524	21,524	Ca-SU Ca-205	IM-2186 IM-74
Sunrise Sand & Gravel 1716 Mill Creek Rd. Jefferson, OH 44047 440-576-9693 Kenneth, Robert & Richard McElroy, partners	Sunrise Sand & Gravel	Ashtabula	sand & gravel			Asa-21	IM-1239
Sunshine Sand Co. 12400 Broadway Ave. Cleveland, OH 44125 216-587-2700 Dorothy M. Strohm, pres.	Sunshine Sand Co.	Portage	sand & gravel			Pe-SSC	IM-318
Joseph N. Sypniewski 3780 Mechanicsville Rd. Rock Creek, OH 44084 440-563-5644 Joseph N. Sypniewski, pres.	Sypniewski	Ashtabula	sand & gravel clay	412 365	412 853	Asa-SY	IM-2222
Tackett Builders 906 Charleston Pike Chillicothe, OH 45601-9312 740-772-5431 Carmel G. Tackett, owner	Tackett's Pit	Ross	sand & gravel			Rs-T	IM-1189
Taylorsville Rd. Landfill 4252 Taylorsville Rd. Huber Heights, OH 45424 937-233-7500 James Hemmelgarn, pres.	Taylorsville Rd. Landfill	Montgomery	sand & gravel			My-55	IM-571

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Thiel Construction Co. P.O. Box 225 Blakeslee, OH 43505 419-272-2712 Lee R. Thiel, pres.	Thiel Construction Co.	Williams	sand & gravel	2,386	2,386	Ws-21	IM-1225
Thomas Sand & Gravel 5801 Enterprise Rd. West Alexandria, OH 45381 937-787-4677 Howard Thomas, owner	Thomas Sand & Gravel	Preble	sand & gravel	1,017	1,017	Pre-T	IM-2036
Thompson Bros. Mining Co. 3379 E. Garfield Rd. P.O. Box 57 New Springfield, OH 44443 216-549-3979 J. E. Thompson, owner	North Lima	Mahoning	clay	5,691	5,691	Mg-588	D-0374, D-1168
Thompson Mining Co. 12321 Ideal Rd. Byesville, OH 43723 740-685-6726 George V. Thompson, pres.	Pleasant Valley Stone	Muskingum	limestone clay	132,461 127	132,461 127	Mum-907	IM-1200
Don Thompson Excavating, Inc. 1471 W. Paintersville Rd. Spring Valley, OH 45370 937-862-7911 Todd Thompson, pres.	Don Thompson Excavating, Inc.	Greene	sand & gravel			Ge-46	IM-1149
Three C's Gravel P.O. Box 310 Bellefontaine, OH 43311 937-592-6926 Todd Watson, pres.	Three C's Gravel	Champaign	sand & gravel	60	60	Cpn-T	IM-2234
Tiger Sand & Gravel, LLC 4141 Southway St., SW Canton, OH 44706 330-477-9653 Pete Bitzel, Jr., partner	Tiger Sand & Gravel LLC	Stark	sand & gravel	34,663	34,663	Sk-T	IM-2279
Tipp Stone Co., Inc. P.O. Box 367 Troy, OH 45373 937-890-4051 Michael Eidemiller, v. pres.	Tipp Stone Co., Inc. Tipp Stone Co., Inc.	Miami Montgomery	sand & gravel sand & gravel	300 27,495	300 27,495	Mi-12 My-61	IM-467 IM-468
Top Dog Service Company 660 Lunken Park Dr. Cincinnati, OH 45226 513-353-2555 Michael P. O'Rourke, pres.	Top Dog Service Company	Hamilton	sand & gravel	7,000	7,000	Hmn-G	IM-1270
Tri-State Asphalt Products 56290 Dilles Bottom Rd. Shadyside, OH 43947 740-671-9400 Glenn Straub, pres.	Tri-State Asphalt Products	Belmont	sand & gravel			Bt-74	IM-288
Trout Sand & Gravel Co. 347 Gravel Bank Rd. Marietta, OH 45750 740-373-7471 Henry C. Trout, Jr., owner	Trout Sand & Gravel Co.	Washington	sand & gravel	12,911	8,466	Wn-510	IM-25
Tuffco Sand & Gravel, Inc. P.O. Box 399 Marysville, OH 43040 614-873-3977 Charles Lewis, pres.	Tuffco Sand & Gravel, Inc.	Madison	sand & gravel	127,785	127,785	Mdn-11	IM-1063

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Twinsburg Development Corp. P.O. Box 248 Grand River, OH 44045 440-357-5562 Harold T. Larned, pres.	Twinsburg Development Corp.	Portage	sand & gravel	169,558	201,155	Pe-84	IM-868
U.S. Aggregates, Inc. 5400 W.86th St. P.O. Box 68123 Indianapolis, IN 46268 317-872-6010 James Fehsenfeld, pres.	U.S. Aggregates/Richmond Plant	Preble	sand & gravel	800		Pre-AAC	IM-779
United Aggregates, Inc. P.O. Box 750 Mt. Vernon, OH 43050 740-397-0000 Jeff Ellis, pres.	United Aggregates, Inc. United Aggregates, Inc.	Knox Knox	sand & gravel sand & gravel	89,509	20,846	Kx-5 Kx-3	IM-884, IM-1307 IM-300
Valley Clay Mining Co. 451 Gordon St. Roseville, OH 43777 740-697-0620 Stephen R. McCann, pres.	Spring Pit Tague Pit	Muskingum Perry	clay clay	6,935	6,935	Mum-904 Py-V	IM-1127 IM-1245
Valley Materials Co. 4947 U.S. Route 23 S P.O. Box 400 Piketon, OH 45661 740-289-4551 Ralph McFann, pres.	Valley Materials #2	Pike	sand & gravel	30,100	30,100	Pke-V	IM-1330
Ralph C. Wagner & Sons 7317 Brinker St. Navarre, OH 44662 330-495-7414 Michael Wagner, owner	Wagner & Sons	Stark	sand & gravel			Sk-W	IM-867
Walhonding Sand & Gravel 27679 State Route 206 Walhonding, OH 43843 740-824-5251 Ezra Helmick, v. pres.	Walhonding Valley Sand & Gravel	Coshocton	sand & gravel shale	70,330 3,421	70,330 3,421	Cn-WL	IM-2127
Waller Bros. Stone Co. P.O. Box 157 McDermott, OH 45652 740-259-2356 Frank L. Waller, pres.	Crabtree Quarry Inskeep Quarry Miller Quarry New Inskeep Quarry	Scioto Scioto Scioto Scioto	sandstone sandstone sandstone sandstone	472 3,518	472 3,518	So-76 So-48 So-82 So-W	IM-141 IM-140 IM-158 IM-2111
Ward Materials, Inc. 385 Oak St. Leipsic, OH 45856 419-943-2450 Arnold W. Rosebrock, pres.	Ward Materials, Inc.	Allen	sand & gravel	34,496	31,206	An-W	IM-2069
Don Wartko Construction, Inc. 975 Tallmadge Rd. Kent, OH 44240 330-673-5252 Thomas Wartko, pres.	Don Wartko Construction, Inc.	Portage	sand & gravel			Pe-92	IM-522
Waste Management/ Chambers Development of Ohio, Inc. 7916 Chapel St. SE Waynesburg, OH 44688 330-866-3265 Jerry R. Ross, Sr. District Manager	Harrison Sanitary Landfill	Harrison	clay			Hn-CD	D-1105
Waterland Trucking Service, Inc. P.O. Box 930335 Wixom, MI 48393-0335 248-349-1582 Richard D. Massuch, pres.	Adams County Quarry	Adams	limestone			Ads-H	IM-805

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Waterloo Coal Co., Inc. P.O. Box 626 Jackson, OH 45640 740-286-5633 Denton H. Bowman, pres.	Waterloo Coal Stone Plant	Jackson	limestone clay	381,080 14,152	337,746 14,152	Jkn-367	D-594, D-968, D-1083
Watson Gravel, Inc. 2728 Hamilton-Cleves Rd. P.O. Box 277 Ross, OH 45061 513-863-0070 Ronald E. Watson, pres.	Mecco, Inc. Ongais Plant #1 River Pit Watson Pit Dry Fork Harrison #2 Harrison Pit Minges-Getz	Butler Butler Butler Butler Hamilton Hamilton Hamilton Hamilton	sand & gravel sand & gravel sand & gravel sand & gravel sand & gravel sand & gravel sand & gravel sand & gravel	301,884 19,701 818,235 7,634 711,050 310 211,301	 19,701 818,235 7,634 711,050 310 211,301	Br-15 Br-O Br-57 Br-47 Hmn-68 Hmn-ARH Hmn-60 Hmn-64	IM-316 IM-2143 IM-111 IM-747 IM-1273 IM-761 IM-137
Weber Sand & Gravel, Inc. 14586 U. S. 127 EW Bryan, OH 43506 419-636-7920 Thomas G. Weber, pres.	Weber Sand & Gravel, Inc.	Williams	sand & gravel	102,400	102,400	Ws-11	IM-509, IM-661
Weidle Sand & Gravel, Inc. P.O. Box 247 Germantown, OH 45327 937-855-2227 Ron Weidle, pres.	Weidle	Montgomery	sand & gravel	14,672	14,672	My-W1	IM-2203
Welch Sand & Gravel, Inc. 10217 Columbia St. Harrison, OH 45030-9751 513-353-3220 Charles H. Welch, pres.	Schlichter Pit East Miami Pit Fernald Pit	Butler Hamilton Hamilton	sand & gravel sand & gravel sand & gravel	367,822 345,814 330,641	367,822 345,814 330,641	Br-38 Hmn-48 Hmn-42	IM-218 IM-220 IM-823
Westfall Aggregate & Materials, Inc. 6790 Brooks-Miller Rd. Circleville, OH 43113 740-420-9090 Kevin R. Steward, pres.	Hill Road Pit	Pickaway	sand & gravel	85,820	85,820	Pky-WA	IM-2217
White Rock Quarry LLC dba Stoneco, Inc. P.O. Box 3100 Findlay, OH 45840 419-422-8854 John Powers, pres.	White Rock Quarry	Ottawa	limestone	863,819	677,459	Oa-6	IM-296
Willowbrook Sand & Gravel LLC 39130 Brookfield St. P.O. Box 304 Lisbon, OH 44432 330-424-0742 Ray Perrino, owner	Willowbrook Sand & Gravel	Columbiana	sand & gravel	48,548	48,548	Ca-993	IM-1180
John Wilms Trucking & Landscaping Materials 3034 Lisbon Rd. Leetonia, OH 44431 330-427-6472 John Wilms Sr., pres.	Leetonia	Columbiana	sand & gravel			Ca-982	IM-1108
Wise Gravel 8535 W. Klinger Rd. Covington, OH 45318 937-473-3246 John A. Wise, owner	Wise Gravel	Miami	sand & gravel			Mi-9	IM-408
Wooster Aggregates, LLC 4755 S. High St. Columbus, OH 43207-4028 614-491-1515 Ken Holland, pres.	Wooster Aggregates LLC	Wayne	sand & gravel shale	221,000 1,000	221,000 1,000	We-11	IM-547

2007 OHIO ALPHABETICAL DIRECTORY OF INDUSTRIAL-MINERAL MINE OPERATORS (cont.)

Name, address, telephone number, and president/owner/ manager of company	Name of mine	County	Commodity	2007 sales (tons)	2007 production (tons)	State mine number	Mining and reclamation permit number
Wylie and Sons Landscaping 1616 County Rd. B P.O. Box 29 Swanton, OH 43558 419-875-6760 Thomas Wylie, owner	Wylie and Sons Landscaping	Fulton	sand & gravel	22,000	22,000	Ftn-W2	IM-2168
Wysong Gravel Co. P.O. Box 5 West Alexandria, OH 45381 937-456-4539 John D. Wysong, pres.	Wysong Gravel Co. Wysong Gravel Co.	Montgomery Preble	sand & gravel sand & gravel	76,327 160,542	75,339 160,542	My-Wy Pre-4	IM-2194 IM-477
Wysong Stone Co. 5897 State Route 503 N P.O. Box 159 Lewisburg, OH 45338 937-962-2559 Carroll E. Wysong, v. pres.	Wysong Stone Co.	Preble	limestone	123,345	140,000	Pre-5	IM-447
X. L. Sand & Gravel Co., Inc. P.O. Box 255 Negley, OH 44441 330-426-9876 Raymond Lansberry, pres.	X. L. Sand & Gravel Co., Inc. X. L. Sand & Gravel Co., Inc.	Columbiana Columbiana	sand & gravel sand & gravel	111,500	111,500	Ca-881 Ca-XL	IM-611 IM-1347
Xenia Sand & Gravel, Inc. 610 Dayton-Xenia Rd. Xenia, OH 45385 937-372-2978 Scott A. Filson, pres.	Xenia Sand & Gravel, Inc.	Greene	sand & gravel clay	2,500 1,103	2,500 1,103	Ge-10	IM-518
Yellow Springs Aggregate LLC 2419 U.S. Route 68 N Yellow Springs, OH 45387 937-374-3558 Geoff Harris, pres.	Springfield Plant Yellow Springs Plant	Clark Greene	sand & gravel sand & gravel	108,443 12,897	108,443 12,897	Ck-B Ge-W	IM-2026 IM-645
Joe Yochman Excavating, Inc. 610 South Newton Falls Rd. Diamond, OH 44412 330-538-0014 Joe Yochman, v. pres.	Yochman	Mahoning	sand & gravel	2,100	2,100	Mg-Y	IM-2192
Young's Sand & Gravel Co. P.O. Box 117 Loudonville, OH 44842 419-994-3040 Myron Oswalt, owner	Sprang & Youngs Ayers Spreng	Ashland Ashland Ashland	sand & gravel sand & gravel sand & gravel	94,230 174,997	94,230 174,997	Ald-7 Ald-15 Ald-Y	IM-392 IM-944 IM-1216
Zollinger Sand & Gravel Co. 11899 Easton Rd. Rittman, OH 44270 330-855-2464 Carl Zollinger, pres.	Zollinger Sand & Gravel Co.	Wayne	sand & gravel	23,646	23,646	We-15	IM-398

2007 LIMESTONE/DOLOMITE COMPANIES WITH SALES OR PRODUCTION

Company	No. of operations	Sales (tons)	Production (tons)
Barrett Paving Materials, Inc.	2	612,575	663,067
Belden Brick Co.	2	5,087	5,087
Bluffton Stone Co.	1	294,826	246,329
Carmeuse Ohio Inc.	1	1,860,000	1,900,000
CEMEX, Inc.	2	920,000	920,000
Christman Quarries	1	69,530	69,530
Con-Ag, Inc.	1	247,102	247,102
Cumberland Limestone LLC	1	26,364	26,364
Custar Stone Co., Inc.	1	731,669	778,440
Daron Coal Company, Inc.	1	626,630	626,630
Demmy Construction, Inc.	1	7,007	7,007
Diamond Stone Quarries	1	30,964	30,964
Duff Quarry, Inc.	1	346,066	346,066
East Fairfield Coal Co.	2	1,535,408	1,473,780
Egypt Valley Stone LLC	1	10,705	10,705
ENZ, Inc.	1	18,139	18,139
Erie Blacktop, Inc.	1	288,412	288,411
ESSROC Cement Corp.	1	1,875	1,875
Graymont Dolime (OH) Inc.	1	792,296	742,296
Hanson Aggregates Midwest, Inc.	10	10,545,587	10,905,855
Honey Creek Stone Co.	1	5,949	0
Kimble Clay & Limestone Co.	1	210,832	210,832
King Quarries, Inc.	1	92,135	92,135
Lafarge Corp.	1	780,000	780,000
Lafarge North America	3	5,836,575	5,752,874
Latham Limestone LLC	1	485,000	485,000
MacRitchie Materials, Inc.	1	340,404	317,914
Marshall Quarry, Inc.	1	7,477	7,477
Martin Marietta Aggregates	6	1,838,674	1,795,805
Martin Marietta Magnesia Specialties,Inc.	1	2,293,364	2,221,448
The Melvin Stone Co., LLC	5	2,806,854	2,806,854
Miami River Stone Co.	1	568,562	557,651
Millersville Lime Inc.	1	433,600	435,000
National Lime & Stone Co.	10	10,788,000	10,832,000
North Shore Stone Quarries, Inc.	1	2,128	2,128
Ohio Asphaltic Limestone Corp.	1	362,101	362,101
Olen Corp.	1	575,000	575,000
Piqua Materials, Inc.	1	579,060	581,715
C. F. Poeppelman, Inc.	1	413,162	413,162
Precision Aggregates II, LLC	1	201,000	201,000
Precision Aggregates III, LLC	1	127,972	127,492
Putnam Stone Co.	1	241,807	210,348
Quality Stone Co.	1	130,646	130,646
Ridge Township Quarry	1	176,789	176,789
Shamrock Materials, Inc.	1	396,000	396,000
Sharon Stone Co.	1	120,793	120,793
Shelly Materials, Inc.	8	9,954,808	9,586,991
Sidco Development, Inc.	1	4,950	4,950
Sidwell Materials, Inc.	4	759,830	759,830
Stansley Mineral Resources	1	525,000	404,276
Stoneco, Inc.	7	6,159,475	5,860,930
Thompson Mining Co.	1	132,461	132,461
Waterloo Coal Co., Inc.	1	381,080	337,746
White Rock Quarry LLC	1	863,819	677,459
Wysong Stone Co.	1	123,345	140,000
TOTAL: 55 companies	104	67,689,736	66,804,454

2007 OHIO DIRECTORY OF LIMESTONE/DOLOMITE MINE OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY

For those mines for which a state mine number has not been assigned, a letter designation is used (example: Cn-A).

County	Name of operator	Name of mine or quarry	Township	Geological unit	Type and principal use	State mine number
Adams	Hanson Aggregates Midwest, Inc.	Plum Run Quarry	Meigs	Peebles, Greenfield, & Tymochtee Dolomites (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, flux, asphaltic concrete, commercial building, extenders/fillers, unspecified, aglime	Ads-1
Allen	Bluffton Stone Co.	Bluffton Stone Co.	Richland	Tymochtee Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, railroad ballast, asphaltic concrete, commercial building, unspecified	An-1
	National Lime & Stone Co.	Bloomlock Quarry	Spencer	Tymochtee Dolomite (Silurian)	crushed stone—road construction/ resurfacing	An-4
		Lima Plant	Bath	Greenfield Dolomite (Silurian)	crushed stone—-riprap, portland cement concrete, road construction/resurfacing, railroad ballast, asphaltic concrete, commercial building, unspecified	An-3
Athens	Diamond Stone Quarries	Diamond Stone	Lee	Brush Creek (Pennsylvanian)	crushed stone—riprap, road construction/ resurfacing	As-533
Auglaize	Con-Ag, Inc.	Con-Ag, Inc.	Noble	Cedarville Dolomite (Silurian)	crushed stone—riprap, road construction/ resurfacing, unspecified, aglime	Ae-31
	National Lime & Stone Co.	Buckland Plant	Moulton	Silurian	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified, aglime	Ae-10
Belmont	Egypt Valley Stone LLC	Shugert	Kirkwood, Union	Fishpot limestone (Pennsylvanian)	crushed stone—riprap, road construction/ resurfacing	Bt-E
	Sidwell Materials, Inc.	Bellaire Stone	Pultney	Fishpot limestone (Pennsylvanian)	crushed stone—road construction/ resurfacing	Bt-1190
		Uniontown Stone	Wheeling	Fishpot limestone (Pennsylvanian)	crushed stone—road construction/ resurfacing	Bt-N
Brown	Hanson Aggregates Midwest, Inc.	Eagle Crushed Stone	Eagle	Brassfield Limestone (Silurian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Bn-EC
Clark	Demmy Construction, Inc.	Demmy Constuction, Inc.	Mad River	Cedarville Dolomite (Silurian)	crushed stone—road construction/ resurfacing	Ck-501
Clinton	Martin Marietta Aggregates	Clinton Limestone	Wilson	Cedarville Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Cln-W
	The Melvin Stone Co., LLC	Melvin Stone Co., LLC	Richland	Cedarville Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified, aglime	Cln-1

2007 OHIO DIRECTORY OF LIMESTONE/DOLOMITE MINE OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY (cont.)

County	Name of operator	Name of mine or quarry	Township	Geological unit	Type and principal use	State mine number
Crawford	National Lime & Stone Co.	Bucyrus Plant	Holmes	Columbus & Delaware Limestones (Devonian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, extenders/fillers, unspecified, aglime	Cd-1
Darke	Shamrock Materials, Inc.	Walls Material	Butler	Cedarville Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building	Dke-1
Delaware	National Lime & Stone Co.	Delaware Plant	Scioto	Columbus & Delaware Limestones (Devonian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified, dimension stone, aglime	Del-5
Erie	Erie Blacktop, Inc.	Erie Blacktop Quarry	Margaretta	Devonian	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete	Ee-27
	Hanson Aggregates Midwest, Inc.	Sandusky Crushed Stone	Groton	Columbus & Delaware Limestones (Devonian) Detroit River Group (Devonian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, railroad ballast, asphaltic concrete, commercial building, unspecified, aglime	Ee-11
		Wagner Quarry	Perkins	Columbus & Delaware Limestones (Devonian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Ee-1
	Lafarge North America	Kelleys Island Quarry	Kelley's Island	Columbus Limestone (Devonian) Detroit River Group (Devonian)	crushed stone—road construction/ resurfacing	Ee-K
Fayette	Martin Marietta Aggregates	Blue Rock Limestone	Perry	Tymochtee Dolomite (Silurian)	crushed stone—unspecified	Fe-2
Franklin	Shelly Materials, Inc.	Columbus Limestone #331	Franklin, Jackson, Marion	Columbus Limestone (Devonian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Fn-53
		Marble Cliff Plant #0332	Norwich	Columbus Limestone (Devonian) Salina Dolomite (Silurian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Fn-2
Greene	CEMEX, Inc.	Miller, Schieder	Bath	Brassfield Limestone (Silurian)	crushed stone—portland cement	Ge-8
	Martin Marietta Aggregates	Cedarville	Cedarville	Cedarville Dolomite (Silurian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Ge-17
	The Melvin Stone Co. LLC	Bowersville	Jefferson	Cedarville Dolomite (Silurian)	crushed stone—road construction/ resurfacing, commercial building, unspecified	Ge-M
Guernsey	Cumberland Limestone LLC	Cumberland Limestone LLC	Spencer	Fishpot limestone (Pennsylvanian)	crushed stone—road construction/ resurfacing	Gy-309

Hancock	National Lime & Stone Co.	Findlay Plant	Liberty	Salina Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, railroad ballast, asphaltic concrete, commercial building, unspecified	Hk-7
Hardin	Shelly Materials, Inc.	Forest Quarry	Jackson	Tymochtee Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, commercial building, unspecified	Hdn-S
		Hardin Quarry	Pleasant	Tymochtee Dolomite (Silurian)	crushed stone—unspecified	Hdn-2
Harrison	Daron Coal Company, Inc.	Standingstone Mine	Cadiz	Redstone limestone (Pennsylvanian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Hn-D
Highland	Hanson Aggregates Midwest, Inc.	Highland Stone	Hamer	Brassfield & Dayton Limestones (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, railroad ballast, asphaltic concrete, commercial building, unspecified	Hd-2
	Marshall Quarry, Inc.	Marshall Quarry, Inc.	Marshall	Peebles Dolomite (Silurian)	crushed stone—commercial building	Hd-4
	Martin Marietta Aggregates	Lynchburg Quarry	Union	Brassfield Limestone (Silurian)	crushed stone—unspecified	Hd-M
	Ohio Asphaltic Limestone Corp.	Ohio Asphaltic Limestone Corp.	Union	Peebles Dolomite (Silurian)	crushed stone—riprap, road construction/resurfacing, asphaltic concrete, aglime	Hd-3
Jackson	Waterloo Coal Co., Inc.	Waterloo Coal Stone Plant	Madison	Vanport limestone (Pennsylvanian)	crushed stone—riprap, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Jkn-367
Logan	Duff Quarry, Inc.	Duff Quarry, Inc.	Richland	Salina Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, commercial building	Lgn-15
	Shelly Materials, Inc.	Belle Center	McArthur, Richland	Lockport Dolomite (Silurian) Tymochtee Dolomite (Silurian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Lgn-2
Lucas	ESSROC Cement Corp.	Sylvania Quarry	Sylvania	Detroit River Group & Dundee Limestone (Devonian)	crushed stone—road construction/ resurfacing	Ls-12
	Hanson Aggregates Midwest, Inc.	Sylvania	Sylvania	Detroit River Group & Dundee Limestone (Devonian)	crushed stone—road construction/ resurfacing, commercial building, unspecified	Ls-3
		Waterville	Waterville	Greenfield Dolomite, Tymochtee Dolomite & Salina Group (Silurian)	crushed stone—road construction/ resurfacing, commercial building	Ls-1
	Stoneco, Inc.	Maumee Quarry	Waynesfield	Tymochtee Dolomite (Silurian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Ls-2
Mahoning	East Fairfield Coal Co.	Garfield Road	Springfield	Vanport limestone (Pennsylvanian)	crushed stone—portland cement concrete, road construction/resurfacing, unspecified	Mg-EF
		Withers-Petersburg	Springfield	Vanport limestone (Pennsylvanian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Mg-631

2007 OHIO DIRECTORY OF LIMESTONE/DOLOMITE MINE OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY (cont.)

County	Name of operator	Name of mine or quarry	Township	Geological unit	Type and principal use	State mine number
Mahoning (cont.)	Honey Creek Stone Co.	Honey Creek Stone Co.	Springfield	Vanport limestone (Pennsylvanian)	crushed stone—riprap, road construction/resurfacing	Mg-54
	Lafarge North America	Petersburg	Springfield	Vanport limestone (Pennsylvanian)	crushed stone—riprap, road construction/ resurfacing, asphaltic concrete, commercial building	Mg-L
Marion	National Lime & Stone Co.	Marion Plant	Grand Prairie, Marion	Columbus & Delaware Limestones (Devonian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified, aglime	Mn-3
Mercer	Stoneco, Inc.	Celina Quarry	Jefferson	Salina Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified, aglime	Mr-1
Miami	Barrett Paving Materials, Inc. MID-Ohio	Barrett Paving Materials Inc.-#231	Union	Brassfield Limestone (Silurian)	crushed stone—riprap, road construction/ resurfacing	Mi-BPM
	C. F. Poeppelman, Inc.	C. F. Poeppelman, Inc.	Newberry	Cedarville Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, railroad ballast, asphaltic concrete, aglime	Mi-10
	Piqua Materials, Inc.	Piqua Minerals Division	Springcreek, Staunton	Brassfield Limestone, Dayton & Laurel Dolomites (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, flux, asphaltic concrete, extenders/fillers, aglime	Mi-1
Monroe	Christman Quarries	Christman Quarry	Franklin, Seneca	Fishpot limestone (Pennsylvanian)	crushed stone—road construction/ resurfacing	Me-C
Montgomery	CEMEX, Inc.	G-Tract	Wayne	upper Brassfield Limestone (Silurian)	crushed stone—portland cement	My-58
	Martin Marietta Aggregates	Phillipsburg	Clay	Cedarville Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	My-1
Muskingum	Shelly Materials, Inc.	East Fultonham	Newton	Maxville Limestone (Mississippian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Mum-106
	Sidwell Materials, Inc.	Dupler/Ford	Newton	Maxville Limestone (Mississippian)	crushed stone—road construction/ resurfacing	Mum-SB
		White Cottage	Newton	Maxville Limestone (Mississippian)	crushed stone—road construction/ resurfacing	Mum-104
	Thompson Mining Co.	Pleasant Valley Stone	Hopewell	Maxville Limestone (Mississippian)	crushed stone—riprap, road construction/ resurfacing	Mum-907
Noble	King Quarries, Inc.	King Quarries, Inc.	Olive	Fishpot limestone (Pennsylvanian)	crushed stone—riprap, road construction/resurfacing, commercial building, unspecified	Ne-K1
	Sharon Stone Co.	Sharon Stone Co.	Noble, Sharon	Fishpot limestone (Pennsylvanian)	crushed stone—riprap, road construction/resurfacing, unspecified	Ne-S

Ottawa	Graymont Dolime (OH) Inc.	Graymont Dolime (OH) Inc.	Clay	Lockport Dolomite (Silurian)	crushed stone—road construction/ resurfacing	Oa-1[1]
	Lafarge North America	Marblehead	Danbury	Columbus Limestone & Detroit River Group (Devonian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, railroad ballast, asphaltic concrete, commercial building, extenders/fillers, unspecified	Oa-7
	Stansley Mineral Resources	Stansley Mineral Resources Inc., Plant 301	Clay	Lockport Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, unspecified	Oa-1[1]
	White Rock Quarry LLC	White Rock Quarry	Allen	Lockport Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, extenders/fillers, unspecified	Oa-6
Paulding	Hanson Aggregates Midwest, Inc.	Paulding	Crane	Tenmile Creek Dolomite (Devonian)	crushed stone—road construction/ resurfacing, commercial building, unspecified, aglime	Pg-7
	Lafarge Corp.	Paulding Quarry	Crane	Dundee Limestone (Devonian)	crushed stone—portland cement	Pg-1
	Stoneco, Inc.	Auglaize Quarry	Auglaize	Detroit River Group & Dundee Limestone (Devonian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified, aglime	Pg-2
Pickaway	The Melvin Stone Co., LLC	Williamsport	Perry	Columbus Limestone (Devonian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, railroad ballast, asphaltic concrete, commercial building, unspecified	Pky-4
Pike	Latham Limestone LLC	Latham Limestone	Mifflin	Greenfield Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, railroad ballast, asphaltic concrete, commercial building, unspecified	Pke-13
Preble	Wysong Stone Co.	Wysong Stone Co.	Twin	Brassfield Limestone (Silurian)	crushed stone—riprap, road construction/ resurfacing, dimension stone	Pre-5
Putnam	National Lime & Stone Co.	Rimer Plant	Sugar Creek	Greenfield Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, aglime	Pm-N
	Putnam Stone Co.	Putnam Stone Co.	Pleasant, Riley	Greenfield Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing	Pm-2
Ross	The Melvin Stone Co., LLC	Plano Road	Concord	Salina Dolomite (Silurian)	crushed stone—road construction/ resurfacing, commercial building, unspecified	Rs-MC1
Sandusky	Martin Marietta Magnesia Specialties,Inc	Woodville Quarry	Woodville	Lockport Dolomite (Silurian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building	Sy-1
	Millersville Lime Inc.	Millersville Plant	Jackson	Lockport Dolomite (Silurian)	crushed stone—aglime	Sy-4
	Precision Aggregates III, LLC	Precision Aggregates III, LLC	Sandusky	Lockport Dolomite (Silurian)	crushed stone—road construction/ resurfacing, commercial building	Sy-5

[1]Graymont and Stansley operate from the same quarry.

2007 OHIO DIRECTORY OF LIMESTONE/DOLOMITE MINE OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY (cont.)

County	Name of operator	Name of mine or quarry	Township	Geological unit	Type and principal use	State mine number
Seneca	Carmeuse Ohio Inc.	Maple Grove	Liberty	Lockport Dolomite (Silurian)	crushed stone—road construction/ resurfacing, railroad ballast, asphaltic concrete, commercial building	Sa-2
	Hanson Aggregates Midwest, Inc.	Bloomville	Bloom	Columbus & Delaware Limestones (Devonian) Detroit River Group (Devonian)	crushed stone—riprap, road construction/ resurfacing, commercial building, extenders/fillers, unspecified, dimension stone, aglime	Sa-3
		Flat Rock	Thompson	Columbus & Delaware Limestones (Devonian) Detroit River Group (Devonian)	crushed stone—riprap, road construction/ resurfacing, extenders/fillers, aglime	Sa-1
	North Shore Stone Quarries, Inc.	North Shore Stone Quarries, Inc.	Thompson	Greenfield Dolomite (Silurian)	crushed stone—riprap, dimension stone	Sa-8
Shelby	Barrett Paving Materials, Inc. Mid-Ohio	Vandemark Quarry #221	Clinton	Lockport Dolomite (Silurian)	crushed stone—riprap, road construction/ resurfacing	Shy-15
	Miami River Stone Co.	Miami River Stone Co.	Orange	Lockport Dolomite (Silurian)	crushed stone—riprap, road construction/ resurfacing, dimension stone	Shy-17
Stark	ENZ, Inc.	Sickafoose Pit	Pike, Sandy	Putnam Hill limestone (Pennsylvanian)	crushed stone—road construction/ resurfacing	Sk-208
Tuscarawas	Belden Brick Co.	Moomaw Pit	Sugar Creek	Vanport limestone (Pennsylvanian)	crushed stone—riprap	Ts-1517
		Shanesville Pit	Sugar Creek	Vanport limestone (Pennsylvanian)	crushed stone—riprap	Ts-1939
	Kimble Clay & Limestone Co.	Kimble Clay & Limestone Co.	Dover	Pennsylvanian	crushed stone—road construction/ resurfacing	Ts-1818
	Sidco Development, Inc.	Midvale Sand & Gravel	Goshen	Pennsylvanian	crushed stone—asphaltic concrete	Ts-S2
Union	Shelly Materials, Inc.	Shelly Materials, Inc. Plant #0310	Mill Creek	Columbus Limestone (Devonian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Un-2
		York Center Quarry	York	Salina Dolomite (Silurian)	crushed stone—road construction/ resurfacing, asphaltic concrete, commercial building, unspecified	Un-1
Van Wert	National Lime & Stone Co.	Delphos Quarry	Washington	Tymochtee Dolomite (Silurian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building	Vt-1
	Ridge Township Quarry	Ridge Township Quarry	Ridge	Tymochtee Dolomite (Silurian)	crushed stone—road construction/ resurfacing	Vt-7
	Stoneco, Inc.	Scott Quarry	Union	Salina Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified, aglime	Vt-3
Vinton	Quality Stone Co.	Route 32	Clinton	Vanport limestone (Pennsylvanian)	crushed stone—road construction/ resurfacing	Vn-193

Wood	Custar Stone Co., Inc.	Custar Stone Co., Inc.	Milton	Detroit River Group (Devonian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete	Wd-5
	MacRitchie Materials, Inc.	MacRitchie Materials, Inc.	Perry	Lockport & Salina Dolomites (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, aglime	Wd-1
	Precision Aggregates II, LLC	Precision Aggregates II, LLC	Portage	Lockport Dolomite (Silurian)	crushed stone—road construction/ resurfacing, commercial building, unspecified	Wd-14
	Stoneco, Inc.	Lime City Quarry	Perrysburg	Lockport Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Wd-6
		Portage Quarry	Portage	Greenfield & Lockport Dolomites (Silurian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building, unspecified	Wd-11
Wyandot	National Lime & Stone Co.	Carey Plant	Crawford	Lockport Dolomite (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, railroad ballast, flux, asphaltic concrete, commercial building, extenders/fillers, unspecified, aglime	Wt-1
	Olen Corp.	Upper Sandusky	Pitt	Salina Group (Silurian)	crushed stone—portland cement concrete, road construction/resurfacing, asphaltic concrete, commercial building	Wt-3
	Stoneco, Inc.	Carey Quarry	Crawford	Greenfield & Lockport Dolomites (Silurian)	crushed stone—riprap, portland cement concrete, road construction/resurfacing, flux, asphaltic concrete, commercial building, unspecified	Wt-8

2007 SAND AND GRAVEL COMPANIES WITH SALES OR PRODUCTION

Company	No. of operations	Sales (tons)	Production (tons)
Agg Rok Materials	1	378,867	378,589
William Albert, Inc.	1	45,617	47,617
Alden Excavating	1	8,396	8,396
Allgeier & Son, Inc.	3	95,000	95,000
Alvis Landscape/Golf Course	1	25,133	25,133
American Sand & Gravel, Inc.	2	755,574	755,574
Ashcraft Sand & Gravel, Inc.	1	108,946	108,946
Atlas Towing Co.	1	10,193	10,193
Baker Sand, Inc.	1	516,000	516,000
G.E. Baker Contracting, Inc.	1	3,000	3,000
Ballentine Excavation Co.	1	37,670	37,670
Barrett Paving Materials, Inc.	5	1,548,376	1,614,719
Bartley & Bolin Excavating	2	183,083	183,083
Beaver Excavating, Inc.	1	8,000	8,000
Beck Sand & Gravel, Inc.	1	197,283	197,283
Paul D. Beery Trucking Co.	1	1,092	1,258
Black Top Contracting, Inc.	2	56,609	56,609
Bontrger Excavating Co.	1	773	773
D. H. Bowman & Sons, Inc.	1	72,957	71,066
Boyd Excavating	1	1,025	1,025
Briggs Sand & Gravel, Inc.	1	9,184	9,184
Brookside Materials LLC	1	6,000	10,000
Broshear Contractors, Inc.	1	30,410	30,410
Oscar Brugmann Sand & Gravel, Inc.	1	638,243	642,000
Burlington Sand & Gravel Co.	1	1,345	1,345
The Terry Byrne Mining Co.	1	600	600
Carter & Carter, Inc.	1	2,086	2,086
Joe E. Carter	1	1,600	1,600
Central-Allied Enterprises, Inc.	5	888,400	888,400
Chesterville Sand & Gravel Co., Inc.	1	215,627	215,627
Harlen D. & Barbara L. Clark	1	5,450	5,450
Clemson Excavating, Inc.	1	6,341	6,341
M. J. Coates Construction Co., Inc.	2	137,716	137,716
Cochran Transportation Services, Inc.	1	21,500	21,500
Boone Coleman Construction, Inc.	1	120	120
Bill D. Colwell	1	2,500	2,500
Craigton Shale Co.	2	107,782	107,782
Crosby Gravel, Inc.	1	488	488
R. A. Cruise Sand & Gravel, Inc.	1	25,609	25,609
D & K Materials, Inc.	1	88,084	88,084
D.G.M., Inc.	2	138,237	138,238
Demmy Construction, Inc.	1	32,528	32,528
Demmy Sand & Gravel	1	4,073	4,073
Dingledine Basic Materials, Inc.	1	57,157	57,157
James E. Downard	1	7,219	7,219
Duff Quarry, Inc.	2	6,798	6,798
ENZ, Inc.	1	78,559	78,559
David E. Edgington	1	2,294	2,294
Erie Materials, Inc.	1	510	510
Evans Gravel, Inc.	2	137,991	215,137
Feikert Sand & Gravel, Inc.	1	138,194	138,194
Fleming Construction Co., Inc.	2	7,256	7,256
Foureman's Sand & Gravel, Inc.	1	72,079	72,079
Lloyd B. Fry	1	1,935	1,935
Frye Sand & Gravel, Inc.	2	768	768
Ganges Gravel Co.	1	22,500	22,500
GANS Ltd.	1	15,507	3,050
John L. Garber Materials, Inc.	2	172,328	174,000
Timothy P. Gleason	1	146,914	146,914
Gibson Sand & Gravel Co.	1	64	64
Grimes Excavating	1	56,540	56,540
Hanson Aggregates Midwest, Inc.	3	1,307,761	1,265,274
Norman Harpster	1	550	550
Hartley Gravel	1	5,483	5,483
Harvest Sand & Gravel, Inc.	1	27,814	27,814
Ervin Hill Enterprises, Inc.	1	103,861	103,861
Hocking Valley Concrete, Inc.	1	59,074	66,500
William A. Hoffman, Jr.	1	1,820	1,820
Holmes Supply Corp.	1	271,027	271,027
Terry A. Hoppes	1	3,957	3,957
L. A. Horn Excavating/ Construction, Inc.	1	1,000	1,000
Hugo Sand Co.	1	190,878	190,878
George J. Igel & Co., Inc.	1	638	638
Jaclib Enterprises, Inc.	1	385	385
JALIP, Ltd.	1	25,089	25,089
James Bros. Sand & Gravel Ltd.	1	1,520	1,520
Jarrett Sand Co.	1	592	592
Jaymar, Inc.	1	849,820	849,820
JBM Ltd.	1	42,459	42,459
KCI Sand & Gravel	1	38,972	72,000
Kinsman Materials, Ltd.	1	45,246	45,246
T & K Kuhnle Co.	1	40,901	40,901
L & I Natural Resources, Inc.	1	76,000	76,000
L & M Mineral Co.	1	14,874	14,874
Lafarge North America	1	708,800	739,157
Lakeside Sand & Gravel Co.	1	571,407	571,407
Link Trucking Co., Inc.	1	48,895	48,895
Little Miami Sand & Gravel	2	0	2,500
Loxley Aggregates, Inc.	1	1,719	1,719
Lucky Sand & Gravel Co.	1	20,235	20,235
Martin Marietta Aggregates	14	4,156,753	3,881,188
R.J. Martin Service & Excavating	1	747	747
MAR-ZANE Materials, Inc.	1	2,456	2,456
Massillon Materials, Inc.	3	714,814	714,814
Mathews Sand & Gravel	1	400	400
Mechanicsburg Sand & Gravel, Inc.	1	171,500	171,500
The Melvin Stone Co., LLC	1	333,475	333,475
Menuez Bros. Sand & Gravel, Inc.	1	139,824	139,824
Miami River Stone Co.	3	62,214	58,236
Miami View Mining Co., Ltd.	1	488,527	488,527
Mid Ohio Resources	1	24,064	132,226
Miller Bros. Gravel, Inc.	1	312,180	263,330
Miller's Sand & Gravel, Inc.	1	364	0
Milton Materials LLC	1	81,000	138,000
Moore's Excavating Co.	2	3,240	824
Moraine Materials Co., Inc.	1	100,799	100,799
Morrow Gravel Co.	2	409,572	409,572
Muskingum River Gravel Co.	4	483,465	493,243
National Aggregates, Inc.	1	154,540	154,540
National Lime & Stone Co.	2	341,000	341,000

2007 SAND AND GRAVEL COMPANIES WITH SALES OR PRODUCTION (cont.)

Company	No. of operations	Sales (tons)	Production (tons)
Neer's Sand & Gravel	1	100,424	100,424
Nelson Sand & Gravel, Inc.	1	49,770	49,770
Newton Asphalt Paving, Inc.	1	159,468	159,468
Northwest Ohio Property Developments, Ltd.	1	6,807	6,807
Carl E. Oeder & Sons Sand & Gravel	1	466,217	466,217
Olen Corp.	3	2,320,000	2,320,000
Oneida Sand & Gravel, Inc.	1	20,500	20,500
Osborne Materials, Inc.	1	41,500	41,500
Oster Sand & Gravel, Inc.	2	353,100	353,100
Ours Sand & Gravel	1	3,231	3,231
P. & R. Materials LLC	1	10,162	10,162
Patrick Excavating, Inc.	1	1,001	1,001
Phillips Sand & Gravel	1	352,227	352,227
Portage Aggregate & Supply, LLC	1	99,389	99,389
Power Development Corp.	1	400	1,450
Precision Aggregates I, LLC	1	47,000	47,000
Precision Aggregates III, LLC	1	528	528
Quality Ready Mix, Inc.	1	16,970	16,970
R. L., Ltd.	1	3,134	3,134
Rainbow Sand & Gravel, Inc.	1	60,000	60,000
Razor Lake S. & G., LLC	1	66,841	66,841
Gary Roberts Excavating	1	500	500
Rockwell Sand & Gravel, Inc.	1	6,000	6,000
Roy M. Roush	1	4,523	4,523
Rupp Construction, Inc.	1	197,751	197,751
S & S Aggregate, Inc.	3	678,832	729,451
S.R.I., Inc.	1	233	233
Sandman Trucking, Inc.	1	74,643	74,643
Seville Sand & Gravel, Inc.	1	256,000	256,000
Guy Schieve	1	6,037	6,037
Roy B. Schweitzer	1	19,019	19,019
Mark E. Scott	1	5,000	5,000
Shamrock Materials, Inc.	1	253,000	253,000
Sharon Stone Co.	1	452,638	452,638
Shelly Materials, Inc.	17	4,065,767	4,065,767
Sidco Development, Inc.	1	279,217	279,217
R. W. Sidley, Inc.	2	37,200	37,200
Joe Simak & Sons Trucking, Inc.	4	43,759	43,759
Small's Sand & Gravel, Inc.	3	239,303	239,303
George C. Smith/Mason's Sand & Gravel Co.	1	63,382	63,382
Sober Sand & Gravel Co.	1	170,295	170,295
Soehnlen Bros. Sand & Gravel, Inc.	1	171,970	171,970
Solomon's Mines, Inc.	1	88,750	88,750
Soltis Sand & Gravel	1	580	670
South Central Sand & Gravel	1	14,411	14,411
Southern Ohio Aggregates, Inc.	1	8,900	8,900
St. Joe Sand & Gravel, LLC	1	124,554	180,744
Stewart & Reichman, Inc.	1	51,481	51,481
Stocker Sand & Gravel Co.	2	809,730	809,720
Sugarcreek Clay & Limestone	1	33,000	33,000
Joseph N. Sypniewski	1	412	412
Thiel Construction Co.	1	2,386	2,386
Thomas Sand & Gravel	1	1,017	1,017
Three C's Gravel	1	60	60
Tiger Sand & Gravel, LLC	1	34,663	34,663
Tipp Stone Co., Inc.	2	27,795	27,795
Top Dog Service Company	1	7,000	7,000
Trout Sand & Gravel Co.	1	12,911	8,466
Tuffco Sand & Gravel, Inc.	1	127,785	127,785
Twinsburg Development Corp.	1	169,558	201,155
United Aggregates, Inc.	1	89,509	20,846
Valley Materials Co.	1	30,100	30,100
Walhonding Sand & Gravel	1	70,330	70,330
Ward Materials, Inc.	1	34,496	31,206
Watson Gravel, Inc.	7	2,070,115	2,070,115
Weber Sand & Gravel, Inc.	1	102,400	102,400
Welch Sand & Gravel, Inc.	3	1,044,277	1,044,277
Westfall Aggregate & Materials, Inc.	1	85,820	85,820
Willowbrook Sand & Gravel LLC	1	48,548	48,548
Wooster Aggregates LLC	1	221,000	221,000
Wylie and Sons Landscaping	1	22,000	22,000
Wysong Gravel Co.	2	236,869	235,881
X. L. Sand & Gravel Co., Inc.	1	111,500	111,500
Xenia Sand & Gravel, Inc.	1	1,103	1,103
Yellow Springs Aggregate LLC	2	121,340	121,340
Joe Yochman Excavating, Inc.	1	2,100	2,100
Young's Sand & Gravel Co.	3	269,227	269,227
Zollinger Sand & Gravel Co.	1	23,646	23,646
TOTAL: 188 companies	276	37,194,186	37,122,652

2007 OHIO DIRECTORY OF SAND AND GRAVEL MINING OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY

For those mines for which a state mine number has not been assigned, a letter designation is used (example: Ald-G).

County	Name of operator	Name of pit	Township	Type and principal use	State mine number
Allen	Ward Materials, Inc.	Ward Materials, Inc.	Monroe	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, road construction/resurfacing, unspecified	An-W
Ashland	Bartley & Bolin Excavating	Bartley & Bolin, Inc. James Plant	Lake	sand—building gravel—building, unspecified	Ald-B
	G. E. Baker Construction, Inc.	Humphrey		sand—building gravel—building	Ald-GB
	P. & R. Materials LLC	P. & R. Materials LLC	Jackson	sand—building gravel—building	Ald-G
	Young's Sand & Gravel Co.	Sprang & Youngs	Green	sand—building, road construction/resurfacing, unspecified gravel—building, road construction/resurfacing, unspecified	Ald-7
		Spreng	Green	sand—building, road construction/resurfacing, unspecified gravel—building, road construction/resurfacing, unspecified	Ald-Y
Ashtabula	Clemson Excavating, Inc.	Clemson Excavating Sand & Gravel	Hartsgrove	sand—building, fill gravel—building, filtration	Asa-C
	Frye Sand & Gravel, Inc.	Frye Sand & Gravel, Inc.	Denmark	sand—unspecified gravel—unspecified	Asa-10
		Frye Sand & Gravel, Inc.	Monroe	sand—building gravel—building	Asa-F
	Joe Simak & Sons Trucking, Inc.	Baird Pit	Conneaut	sand—fill gravel—filtration	Asa-JS
		Dreslinski Pit	Kingsville	sand—asphaltic concrete gravel—building, filtration	Asa-JS1
		North Ridge Pit	Kingsville	sand—building gravel—building	Asa-18
	Joseph N. Sypniewski	Sypniewski	Trumbull	sand—building gravel—building	Asa-SY
	Kinsman Materials, Ltd.	Kinsman Materials, Ltd.	Wayne	sand—building, road construction/resurfacing, fill gravel—building, filtration	Asa-20
	Mathews Sand & Gravel	Mathews Sand & Gravel	N. Kingsville	sand—building gravel—building	Asa-M
	Nelson Sand & Gravel, Inc.	Nelson Sand & Gravel, Inc.	Kingsville	sand—building	Asa-N1
	R. W. Sidley, Inc.	Sidley-Kingsville Plant	Kingsville	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Asa-15
Athens	Black Top Contracting, Inc.	Black Top #1	Rome	sand—building gravel—building	As-588
		York Twp. Trustees	York	sand—building, unspecified gravel—building, unspecified	As-BT
	Cochran Transportation Services, Inc.	Circle Hill	Dover	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	As-595
Auglaize	Quality Ready Mix, Inc.	Quality Pit	Pusheta	sand—building, portland cement concrete gravel—building	Ae-16

Butler	Alvis Landscape/Golf Course	Shaw	Ross	sand—unspecified gravel—unspecified	Br-A
	Broshear Contractors, Inc.	Green Heron	Ross	sand—fill gravel—filtration	Br-B
	Dingledine Basic Materials, Inc.	Dingledine Basic Materials, Inc.	Milford	sand—building gravel—building	Br-50
	Martin Marietta Aggregates	Fairfield II Gravel	Fairfield	sand—unspecified gravel—unspecified	Br-14
		Fairfield Sand & Gravel	Fairfield, Ross	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified gravel—building, road construction/resurfacing, unspecified	Br-35
		Ross Sand & Gravel	Fairfield, Ross	sand—unspecified gravel—unspecified	Br-29
	Roy B. Schweitzer	New Miami Pit	St. Clair	sand—building gravel—building	Br-3
	Shamrock Materials, Inc.	Shamrock	Madison	sand—building, portland cement concrete gravel—building, portland cement concrete road construction/resurfacing	Br-52
	Southern Ohio Aggregates, Inc.	New Miami Plant	St. Clair	sand—building gravel—building	Br-S
	Watson Gravel, Inc.	Mecco, Inc.	Lemon	sand—building, portland cement concrete, asphaltic concrete, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing	Br-15
		Ongais Plant #1	Madison	sand—unspecified gravel—unspecfied	Br-O
		River Pit	Fairfield	sand—building gravel—building, road construction/resurfacing	Br-57
		Watson Pit	Fairfield	sand—building, portland cement concrete, asphaltic concrete, golf course gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing	Br-47
	Welch Sand & Gravel, Inc.	Schlichter Pit	Fairfield	sand—building gravel—building	Br-38
Carroll	Oneida Sand & Gravel, Inc.	Oneida Sand & Gravel, Inc.	Brown	sand—building gravel—building	Cl-204
	Power Development Corp.	Power Development/Robertson	Brown	sand—road construction/resurfacing gravel—road construction/resurfacing	Cl-PD
Champaign	Mechanicsburg Sand & Gravel, Inc.	Mechanicsburg Sand & Gravel, Inc.	Union	sand—building gravel—building	Cpn-22
	Moore's Excavating Co.	Moore's Excavating Co.	Salem	sand—building gravel—building	Cpn-20
	Morrow Gravel Co.	Urbana	Urbana	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Cpn-1
	Shelly Materials, Inc.	Shelly Materials, Inc. Plant #1336	Union	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified	Cpn-21
	Three C's Gravel	Three C's Gravel	Salem	sand—road construction/resurfacing gravel—road construction/resurfacing	Cpn-T
Clark	Barrett Paving Materials, Inc.	Barrett Paving Materials Inc.	Mad River	sand—building, asphaltic concrete gravel—building, asphaltic concrete	Ck-28

2007 OHIO DIRECTORY OF SAND AND GRAVEL MINING OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY (cont.)

County	Name of operator	Name of pit	Township	Type and principal use	State mine number
Clark (cont.)	Demmy Construction, Inc.	Demmy Constuction, Inc.	Mad River	sand— fill gravel—filtration	Ck-501
	Demmy Sand & Gravel	Demmy Sand & Gravel	Mad River	sand—building gravel—building	Ck-502
	Martin Marietta Aggregates	Fairborn Gravel	Bethel	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified	Ck-13
	Moore's Excavating Co.	Moore's Excavating Co.	Moorefield	sand—building gravel—building	Ck-29
	Shelly Materials, Inc.	Springfield Plant #1303	Springfield	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration, unspecified	Ck-25
	Yellow Springs Aggregate LLC	Springfield Plant	German	sand—portland cement concrete gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing	Ck-B
Clermont	Evans Gravel, Inc.	Evans Gravel, Inc.	Union	sand—asphaltic concrete gravel—asphaltic concrete	Ct-9
Columbiana	Hartley Gravel	Hartley Gravel	Knox	sand—building gravel—building	Ca-H1
	Harvest Sand & Gravel, Inc.	Eberly	Salem	sand—portland cement concrete gravel—building	Ca-H2
	Solomon's Mines, Inc.	Solomon's Mines, Inc.	Salem	sand—road construction/resurfacing, fill gravel—building, road construction/resurfacing, filtration	Ca-S
	Willowbrook Sand & Gravel LLC	Willowbrook Sand & Gravel	Elk Run	sand—unspecified gravel—unspecified	Ca-993
	X. L. Sand & Gravel Co., Inc.	X. L. Sand & Gravel Co., Inc.	Middleton	sand—building, industrial sand gravel—building, road construction/resurfacing	Ca-881
Coshocton	Razor Lake S. & G. LLC	Razor Lakes S. & G. LLC	Oxford	sand—asphaltic concrete, fill, industrial sand gravel—building	Cn-R
	Shelly Materials, Inc.	Shelly Materials, Inc. Plant #1305	Bethlehem	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration, unspecified	Cn-694
	Sugarcreek Clay & Limestone	Sugarcreek Clay & Limestone	Oxford	sand—building gravel—building	Cn-624
	Walhonding Sand & Gravel	Walhonding Valley Sand & Gravel	New Castle	sand—building, fill gravel—road construction/resurfacing	Cn-WL
	William Albert, Inc.	William Albert, Inc. Pit 2	Lafayette	sand—building, road construction/resurfacing, fill, unspecified gravel—building, road construction/resurfacing, filtration, unspecified	Cn-WA
Crawford	Gibson Sand & Gravel Co.	Gibson Sand & Gravel Co.	Jefferson	gravel—building	Cd-G

Cuyahoga	Boyas Excavating, Inc.	Boyas Excavating, Inc.	Independence	sand—fill	Cya-42
Darke	Foureman's Sand & Gravel, Inc.	Foureman's Sand & Gravel, Inc.	Greenville	sand—building gravel—building	Dke-4
Erie	Erie Materials, Inc.	Borchardt	Groton, Margaretta	sand—building gravel—building	Ee-18
	Jarrett Sand Co.	Jarrett Sand Co.	Groton	sand—building	Ee-29
Fairfield	James E. Downard	Downard Pit	Rush Creek	sand—building gravel—building	Fd-16
	Paul D. Beery Trucking Co.	Paul D. Beery Trucking Co.	Berne	sand—building gravel—building	Fd-14
	Shelly Materials, Inc.	Shelly Materials, Inc. Plant #1314	Berne	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified	Fd-13
Franklin	Agg Rok Materials	Agg Rok	Franklin	sand—building, asphaltic concrete gravel—building, asphaltic concrete	Fn-36
	George C. Smith/Mason's Sand & Gravel Co.	Mason's Sand & Gravel Co.	Hamilton	sand—building gravel—building	Fn-11
	National Lime & Stone Co.	Columbus Plant	Hamilton	sand—building, portland cement concrete, asphaltic concrete gravel—building, portland cement concrete, unspecified	Fn-52
	Olen Corp.	Columbus Plant #3	Hamilton	sand—building, portland cement concrete, asphaltic concrete gravel—building, portland cement concrete, asphaltic concrete	Fn-58
	Shelly Materials, Inc.	Lockbourne #1333	Hamilton	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration, unspecified	Fn-23
Fulton	Harlen D. & Barbara L. Clark	Clark	Chesterfield	sand—building	Ftn-C
	Northwest Ohio Property Developments, Ltd.	NOPD, Ltd.	Dover	sand—building, unspecified	Ftn-NW
	Sandman Trucking, Inc.	Sandman Trucking, Inc.	Swan Creek	sand—building	Ftn-SA1
	Wylie and Sons Landscaping	Wylie and Sons Landscaping	Swan Creek	sand—building	Ftn-W2
Gallia	Jaclib Enterprises, Inc.	Cheshire Pit	Cheshire	sand—fill	Ga-JE
	Ours Sand & Gravel	Ours Sand & Gravel	Ohio	sand—building	Ga-O
Geauga	Soltis Sand & Gravel	Soltis Sand & Gravel	Parkman	sand—unspecified gravel—road construction/resurfacing	Gea-9
	T & K Kuhnle Co.	Munn Materials	Auburn	sand—building gravel—building	Gea-TK
Greene	Barrett Paving Materials, Inc.	Fairborn Aggregate Plant	Bath	sand—building, portland cement concrete, asphaltic concrete gravel—building, portland cement concrete, asphaltic concrete	Ge-4
	M. J. Coates Construction Co., Inc.	M. J. Coates Construction Co., Inc.	Spring Valley	gravel—building, road construction/resurfacing, unspecified	Ge-47

2007 OHIO DIRECTORY OF SAND AND GRAVEL MINING OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY (cont.)

County	Name of operator	Name of pit	Township	Type and principal use	State mine number
Greene (cont.)	Martin Marietta Aggregates	Haines Rd.	Beaver Creek	sand—unspecified gravel—unspecified	Ge-32
		Spring Valley S & G	Spring Valley	sand—unspecified gravel—unspecified	Ge-42
		Xenia S & G	Beaver Creek, Xenia	sand—unspecified gravel—unspecified	Ge-33
	Phillips Sand & Gravel	Phillips Sand & Gravel	Beaver Creek	sand—unspecified gravel—unspecified	Ge-36
	R. J. Martin Service & Excavating	Horseshoe Bend Sand & Gravel, Inc.	Spring Valley	gravel—unspecified	Ge-40
	Xenia Sand & Gravel, Inc.	Xenia Sand & Gravel, Inc.	Xenia	sand—building gravel—building	Ge-10
	Yellow Springs Aggregate LLC	Yellow Springs Plant	Xenia	gravel—building	Ge-W
Hamilton	Allgeier & Son, Inc.	Allgeier & Son, Inc.	Miami	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Hmn-C
		Allgeier & Son, Inc. Pit 1	Miami	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Hmn-AS1
		Allgeier & Son, Inc. Pit 2	Whitewater	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Hmn-AS
	Ashcraft Sand & Gravel, Inc.	Ashcraft Sand & Gravel, Inc.	Whitewater	sand—building gravel—building	Hmn-54
	Crosby Gravel, Inc.	Crosby Gravel, Inc.	Crosby	sand—unspecified gravel—unspecified	Hmn-44
	Evans Gravel, Inc.	Evans Gravel, Inc.	Anderson	sand—asphaltic concrete gravel—asphaltic concrete	Hmn-E
	Hanson Aggregates Midwest, Inc.	Dry Fork Sand & Gravel	Harrison, Whitewater	sand—building, road construction/resurfacing, unspecified gravel—building, asphaltic concrete, road construction/resurfacing, unspecified	Hmn-50
	Joe E. Carter	Lost Bridge	Whitewater	sand—building gravel—building	Hmn-JC
	Martin Marietta Aggregates	E-town Sand & Gravel	Whitewater	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified gravel—building, road construction/resurfacing, unspecified	Hmn-71
		Harrison Sand & Gravel	Harrison	sand—unspecified gravel—unspecified	Hmn-37
		Miamitown	Crosby, Whitewater	sand—unspecified gravel—unspecified	Hmn-D
	R. L., Ltd.	R. L., Ltd.	Crosby	sand—building gravel—building	Hmn-67
	Top Dog Service Company	Top Dog Service Company	Whitewater	sand—building gravel—building	Hmn-G
	Watson Gravel, Inc.	Harrison #2	Whitewater	sand—building, portland cement concrete, asphaltic concrete, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing	HmnARH
	Watson Gravel, Inc.	Minges-Getz	Miami	sand—building, portland cement concrete, asphaltic concrete, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing	Hmn-64

	Welch Sand & Gravel, Inc.	East Miami Pit	Colerain	sand—building gravel—building	Hmn-48
		Fernald Pit	Crosby	sand—building gravel—building	Hmn-42
Hardin	Norman Harpster	Harpster Pit	Roundhead	gravel—road construction/resurfacing	Hdn-H
Highland	Ervin Hill Enterprises, Inc.	Ervin Hill Enterprises, Inc.	New Market	sand— portland cement concrete, fill gravel—building, asphaltic concrete, road construction/ resurfacing, filtration	Hd-L
Hocking	Hocking Valley Concrete, Inc.	Hocking Valley Concrete, Inc.	Green	sand—building gravel—building	Hg-262
	KCI Sand & Gravel	KCI Sand & Gravel	Green	sand—building, portland cement concrete, road construction/resurfacing, fill gravel—building, portland cement concrete, road construction/resurfacing	Hg-HA
	L. A. Horn Excavating/Construction, Inc.	L. A. Horn Excavating/Construction, Inc.	Marion, Falls	sand—building	Hg-L
	MAR-ZANE Materials, Inc.	Enterprise Pit		sand—unspecified gravel—unspecified	Hg-HV
	Muskingum River Gravel Co.	S & S Aggregate #8	Green, Starr	sand—asphaltic concrete, road construction/ resurfacing, unspecified gravel—asphaltic concrete, road construction/ resurfacing, unspecified	Hg-301
Holmes	Craigton Shale Co.	Lakeville Sand & Gravel, Ltd.	Washington	sand—portland cement concrete gravel—building	Hs-C
	Feikert Sand & Gravel, Inc.	Feikert Sand & Gravel, Inc.	Salt Creek	sand—building, portland cement concrete, road construction/resurfacing gravel—building, portland cement concrete, road construction/resurfacing	Hs-511
	Holmes Supply Corp.	Holmes Supply Corp.	Prairie	sand—portland cement concrete, asphaltic concrete, road construction/resurfacing, fill gravel—building, asphaltic concrete, road construction/ resurfacing, filtration	Hs-J
	Menuez Bros. Sand & Gravel, Inc.	Menuez Bros. Sand & Gravel, Inc.	Hardy	sand—road construction/resurfacing, fill, unspecified gravel—road construction/resurfacing, unspecified	Hs-82
Knox	Olen Corp.	Fredericktown Plant #2	Morris	sand—building, portland cement concrete, asphaltic concrete gravel—building, asphaltic concrete, road construction/ resurfacing	Kx-O
	Small's Sand & Gravel, Inc.	Small's Sand & Gravel, Inc.	Howard	sand—building gravel—building	Kx-S
			Harrison	sand—building, asphaltic concrete, road construction/ resurfacing, unspecified gravel—building, asphaltic concrete, road construction/ resurfacing, unspecified	Kx-15
			Harrison	sand—building gravel—building	Kx-17
	United Aggregates, Inc.	United Aggregates, Inc.	Union	sand—building, road construction/resurfacing gravel—building, oad construction/resurfacing	Kx-5
Lake	Osborne Materials Co.	Osborne Materials Co.		sand—unspecified	
	R. W. Sidley, Inc.	Sidley-Painesville Plant	Painesville	sand—unspecified	Lke-7

2007 OHIO DIRECTORY OF SAND AND GRAVEL MINING OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY (cont.)

County	Name of operator	Name of pit	Township	Type and principal use	State mine number
Lawrence	Burlington Sand & Gravel Co.	Burlington Sand & Gravel Co.	Perry	sand—unspecified	Le-426
Licking	Gary Roberts Excavating	Gary Roberts Excavating	Madison	sand—building gravel—building	Lg-504
	Olen Corp.	St. Louisville Plant #5	Washington	sand—building, portland cement concrete, asphaltic concrete gravel—building, asphaltic concrete, road construction/resurfacing	Lg-31
	Shelly Materials, Inc.	Shelly Materials Plant #1312	St. Albans	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration, unspecified	Lg-W
	Shelly Materials, Inc.	Van Wey Sand & Gravel Plant #1312	Newton	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration, unspecified	Lg-10
Logan	Boyd Excavating	Boyd Excavating	Monroe	sand—fill gravel—road construction/resurfacing	Lgn-B
	Duff Quarry, Inc.	Duff Quarry, Inc.	Lake	sand—fill	Lgn-36
		Duff Sand Co.	Washington	sand—building, portland cement concrete	Lgn-31
	Neer's Sand & Gravel	Neer's Sand & Gravel	Union	sand—building gravel—building	Lgn-6
Lorain	Guy Schieve	Schieve Pit	Henrietta	sand—building	Ln-12
Madison	Tuffco Sand & Gravel, Inc.	Tuffco Sand & Gravel, Inc.	Darby	sand—building, asphaltic concrete gravel—building	Mdn-11
Mahoning	Joe Yochman Excavating, Inc.	Yochman	Milton	sand—building gravel—building	Mg-Y
Marion	Fleming Construction Co., Inc.	Pit #1	Prospect	sand—unspecified gravel—road construction/resurfacing	Mn-16
Medina	Baker Sand, Inc.	Baker Sand, Inc.	Harrisville, Westfield	sand—building, portland cement concrete, industrial sand gravel—building	Ma-20
	Seville Sand & Gravel, Inc.	Seville Sand & Gravel, Inc.	Harrisville, Westfield	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Ma-22
Meigs	Jaymar, Inc.	Plant #4	Olive	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration	Ms-308
	Martin Marietta Aggregates	Apple Grove Plant	Letart	sand—building, portland cement concrete, asphaltic concrete gravel—building, portland cement concrete, asphaltic concrete	Ms-205

	Shelly Materials, Inc.	Portland Plant	Lebanon	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration, unspecified	Ms-S
		Shelly Materials, Inc. Plant #1306	Letart	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration, unspecified	Ms-298
Miami	Lloyd B. Fry	Lloyd B. Fry	Washington	sand—building gravel—unspecified	Mi-T
	Martin Marietta Aggregates	Troy Sand & Gravel	Concord	sand—building, road construction/resurfacing, unspecified gravel—building, road construction/resurfacing, unspecified	Mi-3
	Milton Materials LLC	Milton Materials Fenner Pit	Newton	sand—portland cement concrete gravel—building	Mi-4
	Tipp Stone Co., Inc.	Tipp Stone Co., Inc.	Elizabeth	sand—building gravel—building	Mi-12
Montgomery	Barrett Paving Materials, Inc.	West Carrollton Aggregate Plant	Jefferson, Miami	sand—building, asphaltic concrete, road construction/resurfacing, unspecified gravel—portland cement concrete, road construction/resurfacing, unspecified	My-19
	Carter & Carter, Inc.	Carter & Carter, Inc.	Miami	sand—building gravel—building	My-CW
	Martin Marietta Aggregates	Rip Rap Rd.	Wayne	sand—unspecified gravel—unspecified	My-66
	Miller Bros. Gravel, Inc.	Miller Bros. Gravel, Inc.	Butler	sand—building, portland cement concrete, fill, foundry, unspecified gravel—building, portland cement concrete, road construction/resurfacing, filtration, unspecified	My-52
	Moraine Materials Co., Inc.	Germantown Plant 21	German	sand—building gravel—building	My-41
	S.R.I., Inc.	S.R.I., Inc.	Jefferson	gravel—unspecified	My-R
	Tipp Stone Co., Inc.	Tipp Stone Co., Inc.	Butler	sand—unspecified gravel—unspecified	My-61
	Wysong Gravel Co.	Wysong Gravel Co.	Madison	sand—building gravel—building	My-Wy
Morgan	Link Trucking Co., Inc.	Matthew	Bloom	sand—unspecified gravel—unspecified	Mon-L
Morrow	Chesterville Sand & Gravel Co., Inc.	Chesterville Sand & Gravel Co., Inc.	Chester	sand—building, fill gravel—building, road construction/resurfacing, filtration, unspecified	Mw-10
Muskingum	James Bros. Sand & Gravel Ltd.	James Brothers Sand & Gravel Ltd.	Washington	sand—building gravel—building	Mum-J1
	Muskingum River Gravel Co.	S & S Aggregate #1	Wayne	sand—building, asphaltic concrete, road construction/resurfacing, unspecified gravel—building, asphaltic concrete, road construction/resurfacing, unspecified	Mum-228

2007 OHIO DIRECTORY OF SAND AND GRAVEL MINING OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY (cont.)

County	Name of operator	Name of pit	Township	Type and principal use	State mine number
Muskingum (cont.)	Shelly Materials, Inc.	Shelly Materials, Inc. Plant #1309	Cass	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration, unspecified	Mum-799
Pickaway	George J. Igel & Co., Inc.	George J. Igel & Co., Inc.	Darby	gravel—road construction/resurfacing	Pky-C
	Roy M. Roush	R Farm S & G	Darby	sand—road construction/resurfacing gravel—road construction/resurfacing	Pky-RR
Pickaway	The Melvin Stone Co., LLC	Circleville	Wayne	sand—building, portland cement concrete, asphaltic concrete, unspecified gravel—building, asphaltic concrete, road construction/resurfacing, unspecified	Pky-R
	Westfall Aggregate & Materials, Inc.	Hill Road Pit	Jackson	sand—building gravel—building	Pky-WA
	William A. Hoffman, Jr.	Hoffman Pit	Wayne	sand—unspecified gravel—unspecified	Pky-H
Pike	Hanson Aggregates Midwest, Inc.	Piketon Sand & Gravel	Scioto	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Pke-24
	South Central Sand & Gravel	South Central Sand & Gravel	Scioto	sand—portland cement concrete gravel—road construction/resurfacing	Pke-30
	Valley Materials Co.	Valley Materials #2	Scioto	sand—building gravel—building	Pke-V
Portage	Ballentine Excavation Co.	Ballentine Lake	Shalersville	sand—portland cement concrete gravel—building	Pe-BA
	Beck Sand & Gravel, Inc.	Beck Sand & Gravel, Inc.	Portage, Shalersville	sand—building, road construction/resurfacing, unspecified gravel—building, road construction/resurfacing, unspecified	Pe-50
	D & K Materials, Inc.	D & K Materials, Inc.	Brimfield	sand—building, road construction/resurfacing gravel—road construction/resurfacing	Pe-101
	GANS Ltd.	GANS Ltd. dba Brimfield Sand & Soils	Brimfield	sand—building gravel—building	Pe-102
	Hugo Sand Co.	Hugo Sand Co.	Franklin	sand—building, portland cement concrete gravel—building	Pe-10
	Lafarge North America	Shalersville North	Shalersville	sand—building, road construction/resurfacing gravel—landscape	Pe-La
	Lakeside Sand & Gravel Co.	Lakeside Sand & Gravel Co.	Shalersville	sand—portland cement concrete, road construction/resurfacing gravel—portland cement concrete, road construction/resurfacing	Pe-40
	Lucky Sand & Gravel Co.	Lucky Sand & Gravel Co.	Mantua	sand—building gravel—building	Pe-L
	Miller's Sand & Gravel, Inc.	Miller Sand & Gravel, Inc.	Windham	unspecified	Pe-39
	Oscar Brugmann Sand & Gravel, Inc.	Oscar Brugmann Sand & Gravel, Inc.	Shalersville	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified	Pe-9

	Patrick Excavating, Inc.	Patrick	Charlestown	sand—building gravel—building	Pe-P
	Portage Aggregate & Supply, LLC	Portage Aggregate & Supply, LLC	Shalersville	sand—building, portland cement concrete gravel—building	Pe-M
	R. A. Cruise Sand & Gravel, Inc.	R. A. Cruise Sand & Gravel, Inc.	Franklin, Ravenna	sand—building, portland cement concrete gravel—building	Pe-45
	Rainbow Sand & Gravel, Inc.	Rainbow Sand & Gravel, Inc.	Shalersville	sand—portland cement concrete, unspecified gravel—building	Pe-64
	S & S Aggregate, Inc.	S & S Aggregate #16	Ravenna	sand—asphaltic concrete, road construction/ resurfacing,unspecified gravel—asphaltic concrete, road construction/ resurfacing, unspecified	Pe-15
	Shelly Materials, Inc.	Jefferson Materials Plant #1302	Streetsboro	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration	Pe-63
	Sober Sand & Gravel Co.	Sober Sand & Gravel Co.	Rootstown	sand—building, portland cement concrete gravel—building	Pe-18
	Twinsburg Development Corp.	Twinsburg Development Corp.	Aurora	sand—portland cement concrete, mason sand gravel—building, unspecified	Pe-84
Preble	Loxley Aggregates, Inc.	Loxley Aggregates, Inc.	Twin	sand—building gravel—building	Pre-9
	Wysong Gravel Co.	Wysong Gravel Co.	Somers	sand—building gravel—building	Pre-4
Richland	Bartley & Bolin Excavating	McNaul Road Plant	Weller	sand—building gravel—building, unspecified	Rd-20
	D. H. Bowman & Sons, Inc.	D. H. Bowman & Sons, Inc.	Jefferson	sand—building gravel—building	Rd-4
	Ganges Gravel Co.	Ganges Gravel Co.	Cass	sand—building gravel—building	Rd-18
	John L. Garber Materials, Inc.	John L. Garber Materials, Inc.	Troy	sand—building gravel—unspecified	Rd-14
			Washington	sand—unspecified gravel—unspecified	Rd-G
	Mid Ohio Resources	Bellville West	Jefferson	sand—portland cement concrete gravel—building, portland cement concrete, road construction/resurfacing, unspecified	Rd-M1
	S & S Aggregate, Inc.	S & S Aggregate #14	Monroe	sand—asphaltic concrete, unspecified gravel—asphaltic concrete, road construction/ resurfacing, unspecified	Rd-5
Ross	D.G.M., Inc.	Towpath-Warwick	Twin	sand—building, portland cement concrete gravel—building, portland cement concrete	Rs-D
	David E. Edgington	Edgington Pit	Concord	sand—building gravel—building	Rs-E
	Mark E. Scott	Scott Pit	Green	sand—building gravel—building	Rs-P
	Muskingum River Gravel Co.	S & S Aggregate Plant #7	Jefferson	sand—asphaltic concrete, unspecified gravel—asphaltic concrete, road construction/ resurfacing, unspecified	Rs-M
	Shelly Materials, Inc.	Shelly Material, Inc. Plant #1321	Springfield	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration, unspecified	Rs-27

2007 OHIO DIRECTORY OF SAND AND GRAVEL MINING OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY (cont.)

County	Name of operator	Name of pit	Township	Type and principal use	State mine number
Sandusky	Precision Aggregates III, LLC	Precision Aggregates III, LLC	Sandusky	sand—building gravel—building	Sy-5
Scioto	Boone Coleman Construction, Inc.	Coleman Pit	Washington	sand—building gravel—building	So-B
	D.G.M., Inc.	Tow Path Ready Mix	Morgan	sand—building, portland cement concrete gravel—building, portland cement concrete	So-DGM
	Hanson Aggregates Midwest, Inc.	Scioto Valley Resources	Valley	sand—building gravel—building	So-100
Shelby	Barrett Paving Materials, Inc.	Hardin Sand & Gravel	Washington	sand—building, portland cement concrete, asphaltic concrete gravel—building, portland cement concrete, asphaltic concrete	Shy-SC
		Jones Deposit	Washington	sand—unspecified gravel—unspecified	Shy-18
	Miami River Stone Co.	Miami River Stone Co.	Orange	sand—road construction/resurfacing gravel—road construction/resurfacing	Shy-17
		Staley Pit	Clinton, Salem	gravel— road construction/resurfacing	Shy-SS
		Washington Twp. Pit	Washington	sand—unspecified gravel—unspecified	Shy-13
Stark	American Sand & Gravel, Inc.	Plant #4	Jackson	sand—road construction/resurfacing gravel—road construction/resurfacing	Sk-243
		Plant 6	Jackson	sand—road construction/resurfacing gravel—road construction/resurfacing	Sk-RO
	Beaver Excavating, Inc.	Stone Products	Canton	sand—building gravel—building	Sk-BE
	Central-Allied Enterprises, Inc.	Central Aggregate Div.	Perry	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Sk-CA
		Central Sand & Gravel Div.	Plain	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Sk-CA1
		Massillon Washed Gravel Div.	Bethlehem	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Sk-607
				sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Sk-MW
	ENZ, Inc.	Baum	Pike	sand—asphaltic concrete gravel—asphaltic concrete	Sk-E
	L & M Mineral Co.	Barr Farm	Bethlehem	sand—unspecified	Sk-LM
	Massillon Materials, Inc.	Massillon Materials, Inc.	Perry	sand—asphaltic concrete, road construction/resurfacing gravel—asphaltic concrete, road construction/resurfacing	Sk-M
		MMI Warmington Plant	Perry	sand—road construction/resurfacing gravel—road construction/resurfacing	Sk-M1
	National Aggregates, Inc.	National Aggregates, Inc.	Sandy	sand—building gravel—building	Sk-1017
	Oster Sand & Gravel, Inc.	Massillon Plant	Jackson, Perry	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing	Sk-165

	Shelly Materials, Inc.	Allied Corp., Inc. #1301	Perry	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, unspecified	Sk-N
	Tiger Sand & Gravel, LLC	Tiger Sand & Gravel, LLC	Perry	sand—fill gravel—filtration	Sk-T
Summit	Alden Excavating	Alden Excavating	Northampton	sand—building	St-55
	S & S Aggregate, Inc.	Twin Lakes—S & S Agg #9	Coventry	sand—asphaltic concrete, unspecified gravel—unspecified	St-44
Trumbull	Timothy P. Gleason	Springbrook	Mesopotamia	sand—building, portland cement concrete, asphaltic concrete, unspecified gravel—building	Tl-12
Tuscarawas	JBM Ltd.	State Rt. 416 Sand & Gravel	Goshen	sand—building gravel—building	Ts-2018
	Massillon Materials, Inc.	MMI Sandyville Plant	Sandy	gravel—road construction/resurfacing	Ts-MM
	Newton Asphalt Paving, Inc.	516	Dover	sand—asphaltic concrete gravel—asphaltic concrete	Ts-2001
	Oster Sand & Gravel, Inc.	Oster Sand & Gravel, Inc.—Bolivar	Sandy	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Ts-2036
	Sidco Development, Inc.	Midvale Sand & Gravel	Goshen	sand—portland cement concrete, asphaltic concrete gravel—portland cement concrete, asphaltic concrete	Ts-S2
	Soehnlen Bros. Sand & Gravel, Inc.	Soehnlen Bros. Sand & Gravel, Inc.	Wayne	sand—building, portland cement concrete, road construction/resurfacing, industrial sand gravel—building, asphaltic concrete, road construction/resurfacing, filtration	Ts-1826
	Stewart & Reichman, Inc.	Stewart & Reichman, Inc.	Warwick	sand—building, road construction/resurfacing, unspecified gravel—building, asphaltic concrete, road construction/resurfacing, unspecified	Ts-111
	Stocker Sand & Gravel Co.	Stocker Sand & Gravel Co.—Gnaden	Clay	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Ts-69
		Stocker Sand & Gravel Co.—Island	Clay	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Ts-125
Warren	Carl E. Oeder & Sons Sand & Gravel	Carl E. Oeder and Sons Sand & Gravel	Turtle Creek	sand—unspecified gravel—unspecified	Wan-41
	L & I Natural Resources, Inc.	L & I Pit & Mill	Union	sand—building gravel—building	Wan-50
	Little Miami Sand & Gravel	Little Miami Sand & Gravel Plant #1	Salem	sand—unspecified gravel—unspecified	Wan-B
		Little Miami Sand & Gravel Plant #2	Salem	sand—unspecified gravel—unspecified	Wan-46
	Martin Marietta Aggregates	Franklin Gravel	Franklin	sand—building, asphaltic concrete, road construction/resurfacing, unspecified gravel—building, asphaltic concrete, road construction/resurfacing, unspecified	Wan-38
	Miami View Mining Co., Ltd.	Miami View	Union	sand—building, road construction/resurfacing ravel—building, road construction/resurfacing unspecified	Wan-MV
	Morrow Gravel Co.	Morrow Gravel Co.	Hamilton	sand—asphaltic concrete gravel—building, asphaltic concrete, unspecified	Wan-M
Washington	Atlas Towing Co.	Belpre Bank Run	Belpre	sand—unspecified gravel—unspecified	Wn-54

2007 OHIO DIRECTORY OF SAND AND GRAVEL MINING OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY (cont.)

County	Name of operator	Name of pit	Township	Type and principal use	State mine number
Washington (cont.)	Briggs Sand & Gravel, Inc.	Briggs Sand & Gravel, Inc.	Warren	sand—building gravel—road construction/resurfacing	Wn-508
	Grimes Excavating	Grimes Sand and Gravel	Grandview	sand—building gravel—building	Wn-1008
	Muskingum River Gravel Co.	Plant #2	Grandview	sand—asphaltic concrete, unspecified gravel—asphaltic concrete, unspecified	Wn-38
	Sharon Stone Co.	Belpre Sand & Gravel	Belpre	sand—portland cement concrete, road construction/ resurfacing, fill, ice control gravel—portland cement concrete, road construction/ resurfacing, unspecified	Wn-SS
	Shelly Materials, Inc.	Willow Island Plant #1341	Newport	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill, unspecified gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration, unspecified	Wn-C
	Trout Sand & Gravel Co.	Trout Sand & Gravel Co.	Warren	sand—unspecified gravel—unspecified	Wn-510
Wayne	Rupp Construction, Inc.	Rupp Construction, Inc.	Baughman	sand—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, fill gravel—building, portland cement concrete, asphaltic concrete, road construction/resurfacing, filtration	We-7
	Wooster Aggregates LLC	Wooster Aggregates LLC	Franklin	sand—building, portland cement concrete, asphaltic concrete gravel—building, asphaltic concrete, road construction/ resurfacing	We-11
	Zollinger Sand & Gravel Co.	Zollinger Sand & Gravel Co.	Chippewa	sand—building, portland cement concrete, fill gravel—filtration	We-15
Williams	St. Joe Sand & Gravel, LLC	Watson	Superior	sand—building, fill gravel—building	Ws-S
	Thiel Construction Co.	Thiel Construction Co.	Superior	sand—building gravel—building	Ws-21
	Weber Sand & Gravel, Inc.	Weber Sand & Gravel, Inc.	St. Joseph	sand—building, road construction/resurfacing gravel—building, road construction/resurfacing	Ws-11
Wyandot	JALIP, Ltd.	JALIP, Ltd.	Pitt	sand—building gravel—building	Wt-J
	National Lime & Stone Co.	Sammet	Antrim	sand—building, portland cement concrete, asphaltic concrete gravel—unspecified	Wt-N
	Precision Aggregates I, LLC	Precision Aggregate I, LLC	Eden	sand—building gravel—building	Wt-4

2007 SANDSTONE/CONGLOMERATE COMPANIES WITH SALES OR PRODUCTION

Company	No. of operations	Sales (tons)	Production (tons)
Alan Stone Co., Inc.	1	525	525
Best Sand Corp.	2	757,736	733,827
Briar Hill Stone Co.	5	21,984	21,984
Oscar Brugmann Sand & Gravel, Inc.	1	54,222	56,300
Carmen Cicero	1	160,732	160,732
City Stone LLC	1	171	171
D. & D. Mining Co.	2	1,877	1,877
Timothy P. Gleason	1	25,189	25,189
Hidden Ranch LTD	1	14,500	14,500
IRG Operating, LLC, dba Cleveland Quarries	1	8,147	11,213
J. L. & Son Excavating Inc.	1	400	400
Johnson Stone Products, Inc.	1	10,450	10,450
Keeney Sand & Stone, Inc.	1	66,157	66,157
Kimble Clay & Limestone Co.	1	1,587	1,587
Mesenburg Bros., Inc.	1	19,053	19,053
Oglebay Norton Industrial Sands, Inc.	2	286,522	286,522
Regeneration Materials	1	7,830	7,830
Riverside Sand & Gravel Co., Inc.	1	1,109	1,109
Romig Excavating	1	522	522
R. W. Sidley, Inc.	1	153,900	170,000
Sidwell Materials, Inc.	2	16,179	16,179
Solomon's Mines, Inc.	1	24,182	24,182
Southern Ohio Sand LLC	1	42,559	42,559
Waller Bros. Stone Co.	2	3,990	3,990
TOTAL: 24 companies	33	1,679,523	1,676,858

2007 OHIO DIRECTORY OF SANDSTONE/CONGLOMERATE MINE OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY

For those mines for which a state mine number has not been assigned, a letter designation is used (example: Gea-N).

County	Name of operator	Name of quarry	Township	Geological unit	Type and principal use	State mine number
Belmont	Sidwell Materials, Inc.	Bellaire Stone	Pultney	Pennsylvanian	crushed or broken stone—riprap	Bt-1190
		Uniontown Stone	Wheeling	Pennsylvanian	crushed or broken stone—riprap	Bt-N
Carroll	Romig Excavating	Romig	Monroe	Pennsylvanian	crushed or broken stone—riprap	Ca-R
Columbiana	D. & D. Mining Co.	D. & D. Strip	Unity	Pennsylvanian	crushed or broken stone—riprap	Ca-888
	Solomon's Mines, Inc.	Solomon's Mines, Inc.	Salem	Pennsylvanian	crushed or broken stone— aggregate, construction	Ca-S
Coshocton	Briar Hill Stone Co.	Quarry #26	Monroe	Massillon (Pennsylvanian)	dimension stone—rough construction	Cn-13
		Quarry #32	Monroe	Massillon (Pennsylvanian)	dimension stone—rough construction	Cn-686
		Quarry #54	Monroe	Massillon (Pennsylvanian)	dimension stone—rough construction	Cn-809
		Quarry #55	Monroe	Massillon (Pennsylvanian)	dimension stone—rough construction	Cn-815
Erie	IRG Operating, LLC, dba Cleveland Quarries	Birmingham Quarry	Florence	Berea (Devonian)	dimension stone—rough construction, rubble, finished stone, flag stone	Ee-21
Geauga	Best Sand Corp.	Best Sand Corp.	Munson	Sharon (Pennsylvanian)	crushed or broken stone—foundry sand, glass sand, refractory, aggregate, polish/ grinding sand, engine sand, construction, industrial sand, other	Gea-3
	R. W. Sidley, Inc.	Thompson Pit	Thompson	Sharon (Pennsylvanian)	crushed or broken stone—aggregate, polish/ grinding sand, construction, industrial sand, other	Gea-1
Huron	Mesenburg Bros., Inc.	Mesenburg Bros., Inc.	Townsend	Berea (Devonian)	dimension stone—rough construction	Hrn-8
Knox	Briar Hill Stone Co.	Quarry #6	Jefferson	Massillon (Pennsylvanian)	dimension stone—rough construction,	Kx-12
	Oglebay Norton Industrial Sands, Inc.	Millwood Plant	Butler, Union	Black Hand (Mississippian)	crushed or broken stone—glass sand, industrial sand	Kx-1
Lake	Keeney Sand & Stone, Inc.	Keeney Sand & Stone, Inc.	Leroy	Berea (Devonian)	crushed or broken stone—aggregate	Lke-K
Lorain	Johnson Stone Products, Inc.	Kipton Quarry	Camden	Berea (Devonian)	crushed or broken stone—riprap	Ln-J
Mahoning	Carmen Cicero	City Stone LLC	Milton	Sharon sandstone (Pennsylvanian)	crushed or broken stone—construction	Mg-62
	D. & D. Mining Co.	D. & D. Strip	Springfield	Allegheny Group (Pennsylvanian)	crushed or broken stone—construction	Mg-D
Meigs	Alan Stone Co., Inc.	Alan Stone Co., Inc.	Lebanon	Permian/Pennsylvanian	crushed or broken stone—other	Ms-A
Perry	Oglebay Norton Industrial Sands, Inc.	Glass Rock Plant	Hopewell	Massillon (Pennsylvanian)	crushed or broken stone—glass sand, silica flour, industrial sand	Py-344
Pike	Best Sand Corp.	Best Sand Corp.	Jackson	Sharon (Pennsylvanian)	crushed or broken stone—foundry sand, aggregate, construction, industrial sand, other	Pke-31
	Southern Ohio Sand LLC	Southern Ohio Sand LLC	Jackson	Sharon (Pennsylvanian)	crushed or broken stone—aggregate, industrial sand	Pke-S

2007 CLAY COMPANIES WITH SALES OR PRODUCTION

Company	No. of operations	Sales (tons)	Production (tons)
Athens Hocking Reclamation Center	1	12,000	12,000
Bearcreek Clay Co.	1	28,100	28,100
Belden Brick Co.	4	140,915	140,915
Blue Jay Enterprises of Tuscarawas Co., Inc.	1	4,538	4,538
Bowerston Shale Co.	1	32,944	32,944
Boyas Excavating, Inc.	1	280	280
Buckeye-Industrial Mining Co.	3	143,047	143,047
Cedar Heights Clay Co.	1	52,356	52,356
Cochran Transportation Services, Inc.	1	33	33
Envirosafe Services of Ohio, Inc.	1	46,250	46,250
ENZ, Inc.	1	57,765	57,765
General Motors Power Train	1	26,870	26,870
Gibson Sand & Gravel Co.	1	160	160
Timothy P. Gleason	1	5,254	5,254
Kimble Clay & Limestone Co.	1	52,919	52,919
L & M Mineral Co.	3	18,973	18,973
Loxley Aggregates, Inc.	1	729	729
Nuway Services	1	3,370	3,370
Patrick Excavating, Inc.	1	850	850
Rumpke Waste, Inc.	1	36,924	36,924
Sandkuhl Clay Works, Inc.	1	3,596	3,596
Joe Simak & Sons Trucking, Inc.	1	6,529	6,529
Sober Sand & Gravel Co.	1	2,500	2,500
Soltis Sand & Gravel	1	253	280
Joseph N. Sypniewski	1	365	853
Thompson Bros. Mining Co.	1	5,691	5,691
Valley Clay Mining Co.	1	6,935	6,935
Waterloo Coal Co., Inc.	1	14,152	14,152
Xenia Sand & Gravel, Inc.	1	2,500	2,500
TOTAL: 29 companies	36	706,798	707,313

Portage	Oscar Brugmann Sand & Gravel, Inc.	Oscar Brugmann Sand & Gravel, Inc.	Shalersville	Pennsylvanian	crushed or broken stone—aggregate, construction	Pe-9
Scioto	Waller Bros. Stone Co.	Crabtree Quarry	Union	Buena Vista (Mississippian)	dimension stone—rough construction	So-76
		New Inskeep Quarry	Rush	Buena Vista (Mississippian)	dimension stone—rough construction	So-W
Stark	Hidden Ranch Ltd.	Schmid	Sugar Creek	Pennsylvanian	crushed or broken stone—construction	SK-HR
Summit	Riverside Sand & Gravel Co., Inc.	Riverside Sand & Gravel Co., Inc.	Stow, Tallmadge	Pennsylvanian	crushed or broken stone—other	St-24
Trumbull	City Stone LLC	City Stone LLC	Brookfield	Sharon sandstone (Pennsylvanian)	crushed or broken stone—construction	Tl-CA
	Timothy P. Gleason	Springbrook	Mesopotamia	Pennsylvanian	crushed or broken stone— riprap, construction dimension stone—other	Tl-12
Tuscarawas	J. L. & Son Excavating Inc.	Beach City Pit	Franklin	Pennsylvanian	crushed or broken stone—construction	Ts-2032
	Kimble Clay & Limestone Co.	Kimble Clay & Limestone Co.	Dover	Pennsylvanian	crushed or broken stone—aggregate	Ts-1818
	Regeneration Materials	Dundee Mine	Wayne	Massillon (Pennsylvanian)	crushed or broken stone—foundry sand	Ts-1660

2007 OHIO DIRECTORY OF CLAY-MINE OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY

For those mines for which a state mine number has not been assigned, a letter designation is used (example: Cn-B).

County	Name of operator	Name of mine or quarry	Township	Geological unit	Principal use	State mine number
Ashtabula	Joe Simak & Sons Trucking, Inc.	North Ridge Pit	Kingsville		construction	Asa-18
	Joseph N. Sypniewski	Sypniewski	Trumbull		unspecified	Asa-SY
Athens	Athens Hocking Reclamation Center	Athens Hocking Reclamation Center	York	Conemaugh Group (Pennsylvanian)	construction, landfill	As-594
	Cochran Transportation Services, Inc.	Circle Hill	Dover		unspecified	As-595
Auglaize	Sandkuhl Clay Works, Inc.	Sandkuhl Clay Works, Inc.	Salem	Pleistocene	common clay products	Ae-7
Brown	Rumpke Waste, Inc.	Rumpke Waste, Inc.	Pleasant	Upper Ordovician	landfill	Bn-W
Columbiana	Buckeye-Industrial Mining Co.	Clay	Madison		common clay products	Ca-BIM
Crawford	Gibson Sand & Gravel Co.	Gibson Sand & Gravel Co.	Jefferson		construction	Cd-G
Cuyahoga	Boyas Excavating, Inc.	Boyas Excavating, Inc.	Independence		baseball diamonds	Cya-42
Defiance	General Motors Power Train	GM Powertrain Clay Borrow Area	Richland	Pleistocene	landfill	De-3
Geauga	Soltis Sand & Gravel	Soltis Sand & Gravel	Parkman		construction	Gea-9
Greene	Xenia Sand & Gravel, Inc.	Xenia Sand & Gravel, Inc.	Xenia		construction	Ge-10
Jackson	Cedar Heights Clay Co.	Harrison	Madison	Lower Kittanning (Pennsylvanian)	common clay products	Jkn-CH2
	Waterloo Coal Co., Inc.	Waterloo Coal Stone Plant	Madison	Pennsylvanian	refractories	Jkn-367
Licking	Nuway Services	Hopewell	McKean	Pleistocene	landfill	Lg-NU
Lucas	Envirosafe Services of Ohio, Inc.	Johlin Property Clay Mine	Oregon	Pleistocene	construction, landfill	Ls-E
Mahoning	Thompson Bros. Mining Co.	North Lima	Beaver	Allegheny Group (Pennsylvanian)	refractories	Mg-588
Muskingum	Bowerston Shale Co.	Frazeysburg	Jackson	Flint Ridge & Middle Mercer (Pennsylvanian)	common clay products	Mum-776
	Valley Clay Mining Co.	Spring Pit	Newton	Tionesta (Pennsylvanian)	common clay products	Mum-904
Perry	Bearcreek Clay Co.	County Rd. 7 Mine	Monday Creek	Middle Kittanning (Pennsylvanian)	common clay products	Py-338
Portage	Patrick Excavating, Inc.	Patrick	Charlestown		construction	Pe-P
	Sober Sand & Gravel Co.	Sober Sand & Gravel Co.	Rootstown		construction	Pe-18
Preble	Loxley Aggregates, Inc.	Loxley Aggregates, Inc.	Twin	Pleistocene	construction	Pre-9
Stark	Buckeye-Industrial Mining Co.	Berlin Minerals	Pike	Lower Kittanning (Pennsylvanian)	common clay products	Sk-BI3
		Weisel	Paris	Pennsylvanian	common clay products	Sk-BI4
	ENZ, Inc.	Sickafoose Pit	Pike, Sandy	Pennsylvanian	landfill	Sk-208
	L & M Mineral Co.	Barr Farm	Bethlehem	Brookville (Pennsylvanian)	common clay products	Sk-LM

Trumbull	Timothy P. Gleason	Springbrook	Mesopotamia		common clay products	Tl-12
Tuscarawas	Belden Brick Co.	Belden Pit	Sugar Creek	Tionesta (Pennsylvanian)	common clay products	Ts-1646
		Moomaw Pit	Sugar Creek	Brookville & Tionesta (Pennsylvanian)	common clay products	Ts-1517
		Shanesville Pit	Sugar Creek	Brookville (Pennsylvanian)	common clay products	Ts-1939
		Wallick Pit	Franklin, Wayne	Brookville & Lower Kittanning (Pennsylvanian)	common clay products	Ts-1841
	Blue Jay Enterprises of Tuscarawas Co., Inc.	Blue Jay #1	Sandy	Brookville & Tionesta (Pennsylvanian)	common clay products	Ts-BJ
	Kimble Clay & Limestone Co.	Kimble Clay & Limestone Co.	Dover	Pennsylvanian	common clay products, landfill	Ts-1818
	L & M Mineral Co.	Luikart	Mill, Warwick	Lower Kittanning (Pennsylvanian) Middle Kittanning (Pennsylvanian)	common clay products	Ts-1914
		Spring	Mill, Warwick	Lower Kittanning (Pennsylvanian)	common clay products	Ts-1982

2007 SHALE COMPANIES WITH SALES OR PRODUCTION

Company	No. of operations	Sales (tons)	Production (tons)
Bearcreek Clay Co.	1	68,200	68,200
Belden Brick Co.	4	94,971	94,971
Blue Jay Enterprises of Tuscarawas Co., Inc.	1	4,782	4,782
Bowerston Shale Co.	2	61,258	61,258
CEMEX, Inc.	1	180,000	180,000
County Road #271 Mining	1	22,000	22,000
D. & D. Mining Co.	1	1,563	1,563
DiGeronimo Aggregates LLC	1	248,100	248,100
Glen-Gery Corp.	1	189,300	189,300
Kimble Clay & Limestone Co.	1	111,100	111,100
Knox County Board of Commissioners	1	4,994	4,994
L & M Mineral Co.	1	43,009	43,009
Lafarge Corp.	1	120,000	120,000
Luburgh Inc.	1	5,000	5,000
Prairie West Ltd.	1	2,570	2,570
Rumpke Waste, Inc.	1	17,901	17,901
Sidwell Materials, Inc.	1	11,546	11,546
Summitville Tiles, Inc.	1	21,524	21,524
Thompson Mining Co.	1	127	127
Walhonding Sand & Gravel	1	3,421	3,421
Wooster Aggregates LLC	1	1,000	1,000
TOTAL: 21 companies	25	1,212,366	1,212,366

2007 OHIO DIRECTORY OF SHALE-MINE OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY

For those mines for which a state mine number has not been assigned, a letter designation is used (example: Kx-K).

County	Name of operator	Name of mine	Township	Geological unit	Principal use	State mine number
Belmont	Sidwell Materials, Inc.	Uniontown Stone	Wheeling	Pennsylvanian	construction	Bt-N
Brown	Rumpke Waste, Inc.	Rumpke Waste, Inc.	Pleasant	upper Ordovician	landfill	Bn-W
Columbiana	Summitville Tiles, Inc.	Summitcrest Inc.	Franklin	Conemaugh Group (Pennsylvanian)	common clay products	Ca-SU
Coshocton	County Road #271 Mining	Cognion	Franklin		common clay products	Cn-CR
	Walhonding Sand & Gravel	Walhonding Valley Sand & Gravel	New Castle	Cuyahoga Formation (Mississippian)	lightweight aggregate	Cn-WL
Cuyahoga	DiGeronimo Aggregates LLC	DiGeronimo Aggregates LLC	Independence	Chagrin (Devonian)	lightweight aggregate	Cya-19
Greene	CEMEX, Inc.	Miller, Schieder	Bath	Silurian	cement manufacture	Ge-8
Harrison	Bowerston Shale Co.	Bowerston	Monroe	Conemaugh Group (Pennsylvanian)	vitrified products	Hn-152
Holmes	Prairie West Ltd.	Prairie West Ltd.	Ripley		lightweight aggregate	Hs-P
Knox	Knox County Board of Commissioners	Apple Valley	Brown	Logan Formation (Mississippian)	construction	Kx-K
Licking	Bowerston Shale Co.	Hanover	Hanover	Logan Formation (Mississippian)	common clay products	Lg-501
Mahoning	D. & D. Mining Co.	D. & D. Strip	Springfield	Allegheny Group (Pennsylvanian)	common clay products	Mg-D
Marion	Glen-Gery Corp.	Iberia Quarry	Tully	Bedford (Mississippian)	common clay products	Mn-7
Muskingum	Thompson Mining Co.	Pleasant Valley Stone	Hopewell		construction	Mum-907
	Luburgh Inc.	Cameron Brothers	Muskingum	Pennsylvanian	construction	Mum-L2
Paulding	Lafarge Corp.	Paulding Quarry	Crane	Silica Shale (Devonian)	cement manufacture	Pg-1
Perry	Bearcreek Clay Co.	County Rd. 7 Mine	Monday Creek	Allegheny Group (Pennsylvanian)	common clay products	Py-338
Tuscarawas	Belden Brick Co.	Moomaw Pit	Sugar Creek	Brookville (Pennsylvanian)	common clay products	Ts-1517
		Belden Pit	Sugar Creek	Brookville (Pennsylvanian)	common clay products	Ts-1646
		Shanesville Pit	Sugar Creek	Brookville (Pennsylvanian)	common clay products	Ts-1939
		Wallick Pit	Franklin, Wayne	Brookville & Lower Kittanning (Pennsylvanian)	common clay products	Ts-1841
	Blue Jay Enterprises of Tuscarawas Co., Inc.	Blue Jay #1	Sandy	Pennsylvanian	common clay products	Ts-BJ
	Kimble Clay & Limestone Co.	Kimble Clay & Limestone Co.	Dover	Pennsylvanian	landfill	Ts-1818
	L & M Mineral Co.	Heil	Rush	Pennsylvanian	common clay products	Ts-1884
Wayne	Wooster Aggregates LLC	Wooster Aggregate, LLC	Franklin	Mississippian	unspecified	We-11

2007 OHIO DIRECTORY OF SALT-MINE AND SALT-BRINING PLANT OPERATORS REPORTING SALES OR PRODUCTION, BY COUNTY

County	Name of operator	Name of mine	Township	Geological unit and product	State mine number
Cuyahoga	Cargill, Inc.	Cargill Salt, Inc.	City of Cleveland	Salina (Silurian)—rock salt	Cya-30
Lake	Morton International, Inc.	Fairport Mine	Painesville	Salina (Silurian)—rock salt	Lke-6
Licking	Royalty Enterprises, Inc.	King #1	Newark	"Newburg" (Silurian)—natural brine	Lg-4484
Summit	Cargill, Inc.	Cargill, Inc.	Coventry	Salina (Silurian)—artificial brine	St-9127
Wayne	Morton International, Inc.	Morton Salt Well Field	Milton	Salina (Silurian)—artificial brine	We-9129