

STATE OF ILLINOIS



2019

Annual Statistical Report

Department of Natural Resources

Office of Mines and Minerals

Colleen Callahan, Director

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2019 Directory of Coal Mines

Mine Name	Mine Office Address	City and State
Eagle River, LLC Eagle River Mine	29 West Raymond St.	Harrisburg, IL 62946
Hamilton County Coal, LLC Hamilton #1 Mine	18033 County Rd. 500E	Dahlgren, IL 62828
ICG Illinois, LLC Viper Mine	5945 Lester Road	Williamsville, IL 62693
Knight Hawk Coal, LLC Blackhawk	500 Cutler-Trico Rd	Percy, IL 62272
Knight Hawk Coal, LLC Golden Eagle	500 Cutler-Trico Rd	Percy, IL 62272
Knight Hawk Coal, LLC Hawkeye Mine	500 Cutler-Trico Rd	Percy, IL 62272
Knight Hawk Coal, LLC Prairie Eagle U/G	500 Cutler-Trico Rd	Percy, IL 62272
Knight Hawk Coal, LLC Red Hawk Mine	500 Cutler-Trico Rd	Percy, IL 62272
Mach Mining LLC Mach #1 Mine	16468 Liberty School Rd.	Marion, IL 62959
MaRyan Mining, LLC Shay #1 Mine	14300 Brushy Mound Rd	Carlinville, IL 62626

2019 Directory of Coal Mines

Mine Name	Mine Office Address	City and State
M-Class Mining, LLC MC #1 Mine	11351 N. Thompsonville Rd.	Macedonia, IL 62860
Patton Mining, LLC Deer Run Mine	925 So. Main Street	Hillsboro, IL 62049
Peabody Midwest Mining Cottage Grove Mine	420 Long Lane Road	Equality, IL 62934
Peabody Midwest Mining Wildcat Hills Mine	420 Long Lane Road	Equality, IL 62934
Peabody Midwest Mining Gateway North Mine	12968 Hwy 13	Coulterville, IL 62237
Prairie State Gen. Co. LLC Lively Grove Mine	4274 County Hwy. 12	Marissa, IL 62557
Vigo Coal Co. Friendsville Mine	7790 State Route 15	Mt. Carmel, IL 62863

**Statistical Information
2015 - 2019**

Statistical Information	2019	2018	2017	2016	2015
Counties and Mines					
No. of Counties Producing Coal	11	10	11	13	14
No. of Mines Operated	16	16	17	19	21
No. of Underground Mines	10	9	10	11	13
No. of Surface Mines	6	7	7	8	8
Output of Tons					
All Mines	45,723,551	49,382,509	47,925,433	43,227,587	55,434,849
Underground Mines	42,408,293	46,100,269	44,727,663	41,135,274	51,338,497
Surface Mines	3,315,258	3,282,240	3,197,770	2,092,313	4,096,352
Employees					
All Mines	2,746	2,961	2,909	3,221	3,663
Underground Mines	2,492	2,666	2,634	3,000	3,347
Surface Mines	254	295	275	221	316
Disposition of Tonnage					
Via Railroad	19,741,229	21,436,393	21,764,907	19,609,585	27,414,122
Via Truck to Railroad	0	0	0	21,011	97,558
Via Rail to Barge	7,603,052	11,048,984	10,714,372	8,807,122	14,874,430
Truck to Barge	6,204,862	6,132,353	6,558,490	6,016,374	9,299,899
Via Truck	3,322,431	4,202,032	2,735,958	2,792,025	3,851,903
Casualties					
No. of Fatal Accidents	0	0	0	1	2

**Rank of Counties by Production
2015 - 2019**

County	R a n k	2019	R a n k	2018	R a n k	2017	R a n k	2016	R a n k	2015
Franklin	1	12,793,893	1	14,450,627	1	12,812,196	1	11,443,838	1	10,587,790
Washington	2	6,439,823	3	6,331,873	3	6,202,216	2	5,913,129	3	5,953,533
Hamilton	3	5,889,105	4	6,298,997	4	6,129,346	6	3,017,508	4	5,815,950
Williamson	4	5,174,363	2	6,907,960	2	6,335,835	3	5,406,818	5	5,638,291
Perry	5	4,428,734	5	4,322,746	6	3,950,104	5	3,522,321	6	3,663,952
Randolph	6	3,205,685	6	3,575,978	7	3,102,313	7	2,433,384	7	2,990,249
Saline	7	2,533,739	7	2,708,169	5	4,436,921	4	5,318,050	2	10,357,976
Macoupin	8	1,769,823	8	1,965,298	8	1,963,874	8	2,119,658	10	2,013,688
Wabash	9	1,692,609	10	1,038,539	10	1,004,815	11	298,956	13	909,794
Logan	10	1,608,010	9	1,782,322	9	1,615,204	10	1,665,263	9	2,138,019
Montgomery	11	187,767		0		0		0	11	1,860,148
Gallatin		0		0	11	372,609	12	235,436	12	1,101,319
Jackson		0		0		0	13	2,587	14	23,204
White		0		0		0	9	1,850,639	8	2,380,936

**Tons of Coal Produced, Number of Mines Operated and Number of Employees
1930 – 2019**

Year	All Mines	Persons	Tons Produced	Surface Mines	Persons	Tons Produced	U/G Mines	Persons	Tons Produced
1930	185	51,215	51,996,608	15	1,519	6,220,336	170	49,696	45,776,272
1931	167	47,024	43,073,058	15	1,591	6,576,677	152	45,433	36,496,381
1932	162	44,078	31,402,399	17	1,769	6,628,228	145	42,939	24,774,171
1933	159	40,660	35,390,677	20	1,890	5,599,006	139	38,770	29,791,671
1934	172	40,943	38,655,527	26	2,042	6,008,218	146	38,901	32,647,309
1935	182	40,496	41,410,414	28	2,338	7,088,104	154	38,158	34,322,310
1936	176	40,011	47,285,587	30	2,803	8,873,299	146	37,208	38,412,288
1937	168	38,553	48,062,076	30	3,133	11,176,074	138	35,420	36,886,002
1938	149	35,247	38,442,859	25	2,881	10,058,999	124	32,366	28,383,860
1939	146	33,034	42,994,107	26	2,854	11,295,547	120	30,180	31,698,560
1940	139	26,695	46,071,806	27	2,873	12,024,635	112	23,822	34,047,171
1941	143	30,258	51,033,319	30	3,169	13,367,089	113	27,089	37,666,230
1942	141	30,022	61,124,628	28	3,495	15,937,681	113	26,527	45,186,947
1943	141	28,753	68,971,621	26	3,431	15,484,712	115	25,322	53,486,909
1944	157	29,010	73,958,923	31	3,730	17,108,528	126	25,280	56,850,395
1945	159	28,198	70,322,301	37	3,481	16,203,763	122	24,717	54,118,538
1946	160	29,745	60,932,785	36	3,479	14,302,739	124	26,266	46,630,046
1947	160	29,594	64,612,627	38	3,702	17,827,339	122	25,892	46,785,288
1948	160	29,803	62,494,412	45	4,064	16,758,306	115	25,739	45,736,106
1949	157	28,520	44,772,617	45	4,248	12,835,980	112	24,272	31,936,637
1950	149	28,246	54,356,918	39	3,729	16,459,126	110	14,517	37,897,792
1951	136	26,936	52,595,098	33	3,429	17,289,932	103	23,507	35,305,166
1952	111	21,674	43,274,400	27	3,066	15,340,989	84	18,608	27,933,411
1953	97	17,201	43,847,321	29	3,076	15,495,734	68	14,125	28,351,587
1954	87	15,252	40,017,802	28	2,889	15,388,078	59	12,363	24,629,724
1955	85	12,418	43,880,729	35	2,879	17,353,630	50	9,539	26,527,099
1956	88	11,857	45,538,998	42	3,038	18,041,603	46	8,819	27,497,395
1957	92	11,604	44,532,214	50	3,154	18,439,200	42	8,450	26,093,014

**Tons of Coal Produced, Number of Mines Operated and Number of Employees
1930 – 2019**

Year	All Mines	Persons	Tons Produced	Surface Mines	Persons	Tons Produced	U/G Mines	Persons	Tons Produced
1958	85	10,313	41,856,967	49	3,402	19,318,772	36	6,911	22,538,195
1959	83	10,027	43,515,737	46	3,185	20,532,528	37	6,842	22,983,209
1960	78	9,772	43,703,382	40	3,168	20,946,982	38	6,604	22,756,400
1961	67	8,252	42,825,911	36	3,114	20,999,859	31	5,138	21,826,052
1962	62	7,892	45,262,974	37	2,984	22,482,457	27	4,908	22,780,517
1963	67	8,002	48,375,564	42	3,089	25,194,264	25	4,913	23,181,300
1964	68	8,225	51,888,467	40	3,091	27,863,966	28	5,134	24,024,501
1965	63	8,135	55,452,130	39	3,053	30,714,714	24	5,082	24,737,416
1966	56	8,298	59,261,953	35	3,143	33,726,863	21	5,155	25,535,090
1967	52	8,054	60,488,521	32	3,129	34,794,177	20	4,925	25,694,344
1968	48	8,547	57,670,671	25	3,173	34,142,920	23	5,374	23,527,751
1969	62	9,591	64,832,584	34	3,647	34,659,957	48	5,944	30,172,627
1970	64	10,214	64,884,103	35	3,429	33,268,533	29	6,785	31,615,570
1971	63	10,571	58,415,239	36	3,483	28,961,313	27	7,088	29,453,926
1972	59	11,237	65,521,394	33	3,367	33,805,599	26	7,870	31,715,795
1973	56	11,409	61,548,670	32	3,615	28,971,317	24	7,794	32,577,353
1974	55	12,467	58,072,640	32	3,749	26,968,528	23	8,718	31,104,112
1975	57	13,646	59,539,019	36	4,097	27,658,936	21	9,549	31,880,083
1976	62	14,731	58,136,144	39	4,335	27,224,448	23	10,396	30,911,696
1977	70	16,114	53,880,434	45	4,739	24,291,457	25	11,375	29,588,977
1978	71	17,861	48,744,149	43	5,241	23,854,568	28	12,620	24,889,581
1979	71	18,499	59,538,127	40	5,299	26,856,987	31	13,200	32,681,140
1980	66	18,284	62,542,417	35	5,065	27,573,744	31	13,219	34,968,673
1981	58	18,148	51,798,653	27	4,797	22,563,150	31	13,351	29,235,503
1982	61	14,950	61,428,170	28	4,396	25,744,299	33	10,554	35,683,871
1983	54	14,759	58,373,580	23	4,245	25,003,197	33	10,514	33,370,383
1984	52	14,803	65,289,191	21	3,946	25,343,704	31	10,857	39,945,487
1985	52	14,831	60,477,256	20	3,445	21,828,633	32	11,386	38,648,623

**Tons of Coal Produced, Number of Mines Operated and Number of Employees
1930 – 2019**

Year	All Mines	Persons	Tons Produced	Surface Mines	Persons	Tons Produced	U/G Mines	Persons	Tons Produced
1986	51	13,549	63,233,302	20	3,170	22,301,678	31	10,379	40,931,624
1987	47	12,188	60,761,368	19	2,925	21,572,898	28	9,263	39,188,470
1988	43	11,514	59,852,384	16	2,684	19,968,587	27	8,830	39,883,797
1989	42	11,105	60,131,053	15	2,376	19,603,356	27	8,729	40,527,697
1990	42	10,129	61,657,068	16	2,389	18,645,931	26	7,740	43,011,137
1991	44	9,667	60,035,515	15	1,823	15,903,062	29	7,844	44,132,453
1992	39	8,831	60,331,826	12	1,458	12,848,071	27	7,373	47,483,755
1993	37	7,389	42,143,821	12	1,148	7,936,760	25	7,389	34,207,061
1994	32	6,663	54,026,365	10	957	9,245,898	22	5,706	44,780,467
1995	28	5,663	49,537,182	8	764	6,878,172	20	4,899	42,659,010
1996	27	5,008	47,311,477	8	623	7,595,787	19	4,385	39,715,690
1997	23	4,377	41,247,632	6	511	6,269,500	17	3,866	34,978,132
1998	22	4,259	39,639,334	7	408	4,414,761	15	3,851	35,224,573
1999	20	3,675	40,315,208	5	377	3,636,524	15	3,298	36,678,688
2000	18	3,461	33,541,271	6	330	3,809,872	12	3,131	29,731,399
2001	19	3,516	33,793,509	6	441	5,739,305	13	3,075	28,054,204
2002	21	3,582	33,445,848	6	480	6,382,072	15	3,102	27,063,776
2003	20	3,534	31,135,859	7	312	5,197,656	13	3,222	25,938,203
2004	18	3,252	32,279,112	6	349	4,962,534	12	2,903	27,316,578
2005	18	4,006	31,939,625	6	393	5,572,096	12	3,613	26,367,529
2006	22	3,915	32,962,446	7	439	5,583,718	15	3,476	27,378,728
2007	20	3,001	32,015,323	6	507	5,601,637	14	2,494	26,413,686
2008	18	3,467	34,051,291	7	464	6,340,604	11	3,003	27,710,687
2009	21	3,196	33,680,278	8	442	5,265,911	13	2,754	28,414,367
2010	21	3,561	33,399,439	7	441	4,950,784	14	3,120	28,448,655
2011	23	4,306	37,776,377	9	514	5,059,004	14	3,792	32,717,373
2012	23	4,068	48,469,495	9	483	5,649,199	14	3,585	42,820,296
2013	22	3,794	52,057,530	8	421	5,677,089	14	3,373	46,380,441

**Tons of Coal Produced, Number of Mines Operated and Number of Employees
1930 – 2019**

Year	All Mines	Persons	Tons Produced	Surface Mines	Persons	Tons Produced	U/G Mines	Persons	Tons Produced
2014	20	4,105	57,919,984	8	421	5,210,081	12	3,684	52,709,903
2015	21	3,663	55,434,849	8	316	4,096,352	13	3,347	51,384,497
2016	19	3,221	43,227,587	8	221	2,092,313	11	3,000	41,135,274
2017	17	2,909	47,925,433	7	275	3,197,770	10	2,634	44,727,663
2018	16	2,961	49,382,509	7	295	3,282,240	9	2,666	46,100,269
2019	16	2,746	45,723,551	6	254	3,315,258	10	2,492	42,408,293

**Illinois Coal Mine Employment
2015 - 2019**

County	2019	2018	2017	2016	2015
Franklin	438	446	411	399	405
Gallatin	0	0	61	46	121
Hamilton	308	322	323	306	393
Jackson	0	0	0	2	5
Logan	252	264	273	294	313
Macoupin	135	149	149	139	108
Montgomery	50	0	0	0	164
Perry	314	308	290	263	262
Randolph	252	290	249	212	219
Saline	227	418	381	728	687
Wabash	101	89	73	32	74
Washington	450	442	476	452	436
White	0	0	0	149	273
Williamson	219	233	223	199	203
Totals	2,746	2,961	2,909	3,221	3,663

2019 Preparation Plants

Company Name	Mine Name	Type of Plant	Average Percent Rejects	Plant Capacity Tons/Hr	Tonnage Processed at Plant
Peabody Midwest Mng.	Wildcat Hills*	Heavy Media	41	1,400	2,944,420
Peabody Midwest Mng.	Gateway North	Heavy Media	38	1,000	4,780,000
Eagle River Coal, LLC	Mine #1	Heavy Media	27.21	300	1,370,523
Patton Mining, LLC	Deer Run	Heavy Media	35	2,000	385,002
ICG Illinois, LLC	Viper	Heavy Media	41	750	2,612,314
Knight Hawk Coal, LLC	Prairie Eagle **	Heavy Media	36.8	850	6,258,914
Knight Hawk Coal, LLC	Red Hawk***	Jig & Spiral	26.9	160	138,345
Mach Mining, LLC	Mach #1	Heavy Media	56.6	2,000	11,932,815
MaRyan Mining, LLC	Shay #1	Heavy Media	36.25	750	2,691,816
M-Class Mining, LLC	MC #1	Heavy Media	46.74	4,500	24,268,070
Hamilton Co. Coal, LLC	Hamilton #1	Heavy Media	48	2,000	12,331,648
Vigo Coal Co., LLC	Friendsville	Heavy Media	27	350	1,719,305

* Cottage Grove and Wildcat Hills mines use the same preparation plant.

** Prairie Eagle Underground and Black Hawk mines are processed at Prairie Eagle plant.

*** Hawkeye, Red Hawk, and Golden Eagle mines are processed at Red Hawk plant.

**Railroads Hauling Coal
2019**

County and Company Name	Mine Name	Railroad Name	Tonnage Shipped
Franklin M-Class Mining, LLC	MC #1	Canadian National EVWR only EVWR/NS EVWR/CSX	1,800,292 3,900,541 591,210 5,615,476
Hamilton Hamilton County Coal, LLC	Hamilton #1	Evansville Western	5,625,748
Macoupin MaRyan Mining, LLC	Shay #1	Norfolk Southern	1,608,483
Montgomery Patton Mining, LLC	Deer Run	Norfolk Southern	192,664
Randolph Peabody Midwest Mining	Gateway North	Union Pacific	2,936,931
Wabash Vigo Coal Co.	Friendsville	Norfolk Southern	395,456
Williamson Mach Mining LLC	Mach #1	Canadian National	4,677,480

**Average Man-Hour Production
2019**

County and Mine Type	Reports Tabulated	Man-Hour	Tons Mined	Average Tons per Man-Hour
Franklin				
Surface	0	0	0	0.0
Underground	1	1,079,931	12,793,893	11.85
Hamilton				
Surface	0	0	0	0
Underground	1	858,001	5,889,105	6.86
Logan				
Surface	0	0	0	0
Underground	1	506,334	1,608,010	3.18
Macoupin				
Surface	0	0	0	0.0
Underground	1	309,235	1,769,823	5.72
Montgomery				
Surface	0	0	0	0
Underground	1	104,000	187,767	1.81
Perry				
Surface	1	49,236	333,701	6.78
Underground	1	610,148	4,095,033	6.71

**Average Man-Hour Production
2019**

County and Mine Type	Reports Tabulated	Man-Hour	Tons Mined	Average Tons Per Man-hour
Randolph				
Surface	2	49,592	171,906	3.47
Underground	1	494,505	3,033,779	6.13
Saline				
Surface	2	310,389	1,117,042	3.60
Underground	1	559,614	1,416,697	2.53
Wabash				
Surface	1	264,071	1,692,609	6.41
Underground	0	0	0	0
Washington				
Surface	0	0	0	0
Underground	1	1,127,161	6,439,823	5.71
Williamson				
Surface	0	0	0	0
Underground	1	518,986	5,174,363	9.97

**Physical Mine Characteristics
2019**

County and Company Name	Mine Name	Mine Type	Coal Seam	Seam Thickness (feet)	Seam Depth	2019 Tonnage	Cumulative Mine Production
Franklin M-Class Mining, LLC	MC #1	U	IL #6	6.5	700	12,793,893	83,553,539
Hamilton Hamilton County Coal	Hamilton #1	U	IL #6	5.5	1,000	5,889,105	29,073,400
Logan ICG Illinois, LLC	Viper	U	IL #5	5.75	350	1,608,010	65,223,621
Macoupin MaRyan Mining, LLC	Shay #1	U	IL #6	7.3	300	1,769,823	16,932,333
Montgomery Patton Mining, LLC	Deer Run	U	IL #6	7.0 – 10.0	500	187,767	15,354,864
Perry Knight Hawk Coal, LLC	Golden Eagle	S	IL# 5 & 6	3.0 & 6.0	60-80	333,701	880,596
Perry Knight Hawk Coal, LLC	Prairie Eagle	U	IL#6	6.0	120	4,095,033	32,818,537

**Physical Mine Characteristics
2019**

County and Company Name	Mine Name	Mine Type	Coal Seam	Seam Thickness (feet)	Seam Depth	2018 Tonnage	Cumulative Mine Production
Randolph							
Peabody Midwest Mng	Gateway N.	U	IL #6	6.1	140	3,033,779	8,078,692
Knight Hawk Coal, LLC	Blackhawk	S	IL #5 & 6	3.5 & 6.5	75-95	41,829	3,577,865
Knight Hawk Coal, LLC	Hawkeye	S	IL #5 & 6	3.5 & 4.5	35-80	130,077	2,283,996
Saline							
Eagle River Coal LLC	Mine #1	S	Dekoven, Davis	3.0 4.0	125-145	997,635	6,625,215
Peabody Midwest Mng	Cottage Grove	S	IL #5, 6, & Briar Hill	4.2, 4.6, & 1.7	60-115	119,407	37,028,321
Peabody Midwest Mng	Wildcat Hills UG	U	IL#6	4.5	280	1,416,697	16,999,572
Wabash							
Vigo Coal Co	Friendsville	S	Friendsville	1.2-3.4	34-68	1,692,609	14,467,831
Washington							
Prairie State Gen. Co.	Lively Grove	U	IL #6	6.5	225-280	6,439,823	38,589,857
Williamson							
Mach Mining LLC	Pond Creek	U	IL#6	6.0	375	5,174,363	75,792,903

Illinois Coal Seams

Colchester (IL #2), Danville (IL #7), Davis, Dekoven, Friendsville, Herrin (IL #6), Murphysboro, Springfield (IL #5), Briar Hill, Allenby

**Mode of Shipment
2019**

County and Company Name	Mine Name	Railroad	Railroad or Truck to Barge	Truck	Tons Shipped
Franklin					
M-Class Mining, LLC	MC #1	8,094,075*	3,813,444	0	11,907,519
Hamilton					
Hamilton County Coal, LLC	Hamilton #1	3,030,281	2,595,467	0	5,625,748
Logan					
ICG Illinois, LLC	Viper	0	0	1,486,877	1,486,877
Macoupin					
MaRyan Mining, LLC	Shay #1	1,608,483	0	52,699	1,661,182
Montgomery					
Patton Mining, LLC	Deer Run	192,664	0	0	192,664
Perry					
Knight Hawk Coal, LLC	Golden Eagle	0	282,367	20,057	302,424
Knight Hawk Coal, LLC	Prairie Eagle	0	3,445,575	411,728	3,857,303
Randolph					
Knight Hawk Coal, LLC	Blackhawk	0	35,569	6,260	41,829
Knight Hawk Coal, LLC	Hawkeye	0	93,330	26,633	119,963
Peabody Midwest Mining	Gateway North	2,699,831	263,500	3,131	2,966,462

*957,041 tons shipped railroad to vessel

**Mode of Shipment
2019**

County and Company Name	Mine Name	Railroad	Railroad or Truck to Barge	Truck	Tons Shipped
Saline					
Eagle River Coal, LLC	Eagle River #1	0	872,211	116,367	988,578
Peabody Midwest Mining	Cottage Grove	0	186,409	0	186,409
Peabody Midwest Mining	Wild Cat Hills UG	0	1,263,001	0	1,263,001
Wabash					
Vigo Coal Co.	Friendsville	395,456	0	630,462	1,025,918
Washington					
Prairie State Gen. Co. LLC	Lively Grove	0	0	0	6,413,386**
Williamson County					
Mach Mining, LLC	Mach #1	4,677,480	0	568,217	5,245,697

**Overland Conveyor Belt

**Mine Employment and Production
2019**

County and Company Name	Mine Name	Tons Mined	Number Employed
Franklin M-Class Mining, LLC	MC #1	12,793,893	438
Hamilton Hamilton County Coal, LLC	Hamilton #1	5,889,105	308
Logan ICG Illinois, LLC	Viper	1,608,010	252
Macoupin MaRyan Mining, LLC	Shay #1	1,769,823	135
Montgomery Patton Mining, LLC	Deer Run	187,767	50
Perry Knight Hawk Coal, LLC Knight Hawk Coal, LLC	Golden Eagle Prairie Eagle UG	333,701 4,095,033	25 289
Randolph Knight Hawk Coal, LLC Knight Hawk Coal, LLC Peabody Midwest Mining	Hawkeye Blackhawk Gateway North	130,077 41,829 3,033,779	19 2 231
Saline Eagle River Coal LLC Peabody Midwest Mining Peabody Midwest Mining	Eagle River #1 Cottage Grove Wildcat Hills	997,635 119,407 1,416,697	106 1 120

**Mine Employment and Production
2019**

County and Company Name	Mine Name	Tons Mined	Number Employed
Wabash			
Vigo Coal Co.	Friendsville	1,692,609	101
Washington			
Prairie State Generating Co., LLC	Lively Grove	6,439,823	450
Williamson			
Mach Mining LLC	Mach #1	5,174,363	219

**Cumulative Production of Coal in Tons by Counties
2019**

County	2019 Production	Total Production	County	2019 Production	Total Production
Adams		341,924	McDonough		13,185,298
Bond		7,355,569	McLean		5,544,139
Brown		74,068	Madison		164,295,772
Bureau		53,823,055	Marion		39,247,722
Calhoun		96,247	Marshall		12,516,141
Cass		212,477	Menard		13,462,005
Christian		358,959,916	Mercer		15,519,862
Clark		4,482	Monroe		8,284
Clay		801	Montgomery	187,767	157,159,941
Clinton		83,632,358	Morgan		190,787
Coles		210,930	Moultrie		2,032,236
Crawford		45,400	Peoria		96,718,740
Douglas		44,397,202	Perry	4,428,734	577,892,718
Edgar		2,295,898	Pike		5,081
Effingham		796	Pope		36,266
Franklin	12,793,893	804,541,375	Putnam		10,071,893
Fulton		318,608,365	Randolph	3,205,685	315,573,511
Gallatin		104,167,137	Richland		154
Greene		693,191	Rock Island		3,846,169
Grundy		40,872,430	St. Clair		367,370,806
Hamilton	5,889,105	35,246,327	Saline	2,533,739	566,254,950
Hancock		771,281	Sangamon		233,449,607
Hardin		40	Schuyler		15,732,422
Henry		22,910,053	Scott		612,476
Jackson		147,333,466	Shelby		4,119,763
Jasper		23,739	Stark		9,569,336
Jefferson		200,647,884	Tazewell		17,633,802
Jersey		120,350	Vermilion		183,173,651
Johnson		314,325	Wabash	1,692,609	89,634,196
Kankakee		19,192,105	Warren		685,466
Knox		65,896,605	Washington	6,439,823	102,757,302
LaSalle		65,547,638	White		66,542,753
Livingston		10,111,437	Will		37,553,733
Logan	1,608,010	79,756,984	Williamson	5,174,363	545,081,175
Macon		11,000,468	Woodford		7,810,160
Macoupin	1,769,823	442,159,841			

**Explosives Used in Blasting Overburden and Coal
2019**

Company Name	Mine Name	Caps or Detonators	Dynamite/ Primers (Pounds)	Water Gel/ Slurry (Pounds)	Ammonium Nitrate/Fuel Oil (Pounds)
Eagle River Coal, LLC	Mine #1	30,349	30,349	3,313,542	12,148,957
Knight Hawk Coal, LLC	Blackhawk	1,039	1,039	853,742	1,583,686
Knight Hawk Coal, LLC	Golden Eagle	6,659	6,651	853,742	1,583,686
Knight Hawk Coal, LLC	Hawkeye	3,126	3,126	104,995	316,018
Peabody Midwest Mng.	Cottage Grove	3,908	0	230,982	335,378
Vigo Coal Company	Friendsville	28,932	0	2,991,708	9,017,000
Totals		74,013	41,165	8,348,711	24,984,725

**Method of Mining with Longwall Units
2019**

Company Name	Mine Name	Total Tons Loaded	Number of Longwall Units	Machine Shifts Used	Tons Produced - Longwall
Hamilton County Coal, LLC	Hamilton #1	12,383,012*	1	702	11,034,117*
M-Class Mining, LLC	MC #1/Viking	12,793,893	2	1,275	11,696,179
Mach Mining, LLC	Mach #1	11,932,815*	1	637	10,199,446*

*Run of Mine Coal

**Method of Mining with Continuous Miners
2019**

Company Name	Mine Name	Total Tons Loaded	Number of Continuous Miners	Machine Shifts Used	Tons Produced - Continuous Miners
ICG Illinois, LLC	Viper	1,608,010	6	1,098	1,608,010
Hamilton County Coal, LLC	Hamilton #1	12,383,012*	6	1,175	1,348,895*
Knight Hawk Coal, LLC	Prairie Eagle UG	4,095,033	10	4,620	4,095,033
M-Class Mining, LLC	MC #1	12,793,893	9	1,751	1,097,714
Mach Mining, LLC	Mach #1	11,932,815*	4	726	1,733,369*
MaRyan Mining, LLC	Shay #1	1,769,823	3	NA	1,769,823
Patton Mining, LLC	Deer Run	187,767	2	217	187,767
Peabody Midwest Mining	Gateway North	3,033,779	6	2,778	3,033,779
Peabody Midwest Mining	Wildcat Hills UG	1,416,697	5	2,249	1,416,697
Prairie State Gen. Co. LLC	Lively Grove	6,439,823	11	3,283	6,439,823

* Run of Mine Coal