

## BITUMINOUS COAL MINING ACTIVITIES 1877 to 2016 - HISTORICAL SUMMARY

Year	Total Coal Production (tons)	Total Coal Production (cubic yards)*	Underground Mining (tons)	Surface Mining (tons)	Coal Refuse Production (tons)	Total Employees	Total Fatalities
1877	1,305,932	1,170,190				16,627	13
1878	12,500,741	11,201,381				25,787	48
1879	14,341,369	12,850,689				27,286	55
1880	16,564,440	14,842,688				33,391	48
1881	15,916,123	14,261,759				35,530	57
1882	20,694,110	18,543,109				42,393	94
1883	18,729,817	16,782,990				35,091	54
1884	20,553,090	18,416,747				39,904	105
1885	23,413,692	20,980,011				44,145	83
1886	27,107,173	24,289,582				52,364	74
1887	29,966,855	26,852,021				57,868	84
1888	33,772,286	30,261,905				61,565	90
1889	34,625,054	31,026,034				62,084	105
1890	40,884,103	36,634,501				67,383	146
1891	41,805,642	37,460,253				74,135	237
1892	46,581,575	41,739,763				78,805	134
1893	43,421,898	38,908,511				81,872	131
1894	39,800,210	35,663,271				86,118	123
1895	51,818,112	46,432,000				84,976	156
1896	50,284,692	45,057,968				83,801	180
1897	54,625,272	48,947,376				86,553	150
1898	64,247,665	57,569,592				87,803	200
1899	73,066,945	65,472,173				91,505	258
1900	79,318,362	71,073,801				108,735	265
1901	80,914,236	72,503,796				117,501	301
1902	98,529,122	88,287,744				135,611	456
1903	103,713,982	92,933,676				151,745	402
1904	99,600,167	89,247,461				155,747	536
1905	119,361,514	106,954,762				164,941	479
1906	129,532,989	116,068,987				172,928	477
1907	149,559,047	134,013,483				183,121	806
1908	114,937,375	102,990,479				181,840	572
1909	136,205,695	122,048,114				185,921	506
1910	148,770,858	133,307,220				193,488	539
1911	142,189,329	127,409,793				182,653	515

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1912	160,830,492	144,113,344				182,642	446
1913	172,965,659	154,987,150				189,909	611
1914	145,884,530	130,720,905				196,038	413
1915	157,420,068	141,057,409				187,734	442
1916	169,123,814	151,544,636				174,304	436
1917	171,074,411	153,292,483				186,586	494
1918	177,217,294	158,796,858				181,678	494
1919	147,085,781	131,797,295				180,831	401
1920	166,929,002	149,577,959				184,168	424
1921	114,447,134	102,551,195				200,419	284
1922	108,310,046	97,052,013				194,630	424
1923	169,181,137	151,596,001				200,538	401
1924	128,751,028	115,368,305				174,469	345
1925	135,266,612	121,206,642				165,586	312
1926	151,746,464	135,973,534				164,782	421
1927	131,644,922	117,961,400				158,204	355
1928	129,846,153	116,349,599				137,944	508
1929	142,351,359	127,554,981				135,272	378
1930	123,417,850	110,589,471				133,703	296
1931	96,844,250	86,778,002				119,265	208
1932	74,162,485	66,453,840				106,597	155
1933	78,511,846	70,351,116				116,917	135
1934	89,592,481	80,280,001				127,868	157
1935	91,140,273	81,666,911				129,346	161
1936	108,964,865	97,638,768				133,914	190
1937	110,417,947	98,940,813				133,487	186
1938	76,881,944	68,890,631				115,347	119
1939	89,397,222	80,105,038		2,792,966		117,959	120
1940	111,416,916	99,835,946		2,808,607		117,832	188
1941	127,469,207	114,219,720		6,479,207		124,941	166
1942	142,759,573	127,920,764		10,303,160		115,451	187
1943	139,801,363	125,270,039		17,177,054		105,903	178
1944	144,408,418	129,398,224		22,211,661		99,942	164
1945	130,696,854	117,111,876		26,675,095		98,764	141
1946	123,587,065	110,741,098		31,027,425		103,894	128
1947	144,761,964	129,715,022		35,946,734		109,202	134
1948	130,627,789	117,049,990		33,483,099		110,326	114
1949	87,351,892	78,272,305		21,326,389		100,119	65

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1950	103,439,887	92,688,071		25,460,343		94,514	83
1951	106,680,097	95,591,485		22,688,543		86,369	70
1952	87,308,999	78,233,870		19,462,498		76,676	63
1953	91,938,156	82,381,860		19,538,037		69,126	67
1954	70,823,985	63,462,352		16,954,885		55,405	44
1955**	85,042,677	76,203,116		19,212,869		52,103	50
1956	88,595,658	79,386,790		21,694,916		50,529	51
1957	84,064,493	75,326,607		20,558,733		46,989	53
1958	67,398,564	60,392,978		19,548,293		41,309	32
1959	65,627,585	58,806,080		20,506,999		37,337	35
1960	65,595,999	58,777,777		21,028,887		33,396	26
1961	63,171,313	56,605,119		20,892,758		29,633	22
1962	65,648,015	58,824,386		22,235,984		27,264	59
1963	71,258,957	63,852,112		24,233,668		26,216	21
1964	77,321,793	69,284,761		24,019,760		26,008	18
1965	80,119,548	71,791,710		23,681,102		25,206	33
1966	81,449,647	72,983,555		24,701,150		24,729	28
1967	79,101,385	70,879,377		21,729,033		23,811	27
1968	75,714,611	67,844,634		20,512,477		23,117	29
1969	78,185,036	70,058,276		21,652,731		22,969	25
1970	80,091,922	71,766,955		24,161,015		24,667	30
1971	71,776,681	64,316,022		26,861,508		26,549	32
1972	75,863,137	67,977,721		25,717,040		25,627	19
1973	76,796,661	68,814,212		29,326,629		26,722	17
1974	80,042,191	71,722,393		36,056,422		29,108	20
1975	84,479,031	75,698,056		37,577,930		34,170	17
1976	85,747,874	76,835,013		40,242,401		36,240	19
1977	86,421,876	77,438,957		46,605,297		38,307	12
1978	80,342,913	71,991,858		46,552,420		39,230	7
1979	89,166,894	79,898,651		45,116,917		37,051	13
1980	87,068,738	78,018,582	42,890,801	43,907,732	270,205	35,071	13
1981	78,082,678	69,966,557	33,956,952	44,036,858	88,868	32,229	13
1982	74,755,461	66,985,180	36,501,363	38,217,871	36,227	26,819	5
1983	68,732,731	61,588,469	37,307,639	31,424,292	800	23,872	12
1984	73,806,213	66,134,599	37,527,734	36,243,180	35,299	22,677	8
1985	65,534,892	58,723,022	36,076,875	29,429,217	28,800	19,661	4
1986	69,452,755	62,233,651	38,163,162	31,145,278	144,315	19,493	5
1987	66,864,202	59,914,159	38,340,274	28,135,991	387,937	16,936	6

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1988	67,552,570	60,530,977	40,242,015	26,917,130	393,425	15,175	2
1989	68,350,235	61,245,730	40,270,902	27,693,955	385,378	13,644	2
1990	67,947,083	60,884,483	40,880,472	26,875,183	191,428	14,083	4
1991	62,801,667	56,273,895	41,582,862	20,755,422	463,383	12,610	2
1992	66,759,376	59,820,229	45,016,404	20,309,053	1,433,919	12,195	2
1993	57,903,913	51,885,227	37,852,271	18,693,636	1,358,006	10,336	3
1994	57,977,792	51,951,427	40,218,509	17,468,106	291,177	9,219	3
1995	60,834,057	54,510,804	45,144,438	15,197,579	492,040	7,986	4
1996	68,973,910	61,804,579	51,505,194	16,173,867	1,294,849	7,434	3
1997	73,491,175	65,852,307	55,344,042	16,663,632	1,483,501	7,985	4
1998	79,544,949	71,276,836	61,284,503	16,764,199	1,496,247	7,969	0
1999	75,094,596	67,289,065	58,966,141	14,535,723	1,592,732	7,095	1
2000	75,122,643	67,314,196	58,600,253	14,030,580	2,491,810	7,723	2
2001	77,076,662	69,065,109	58,675,185	15,759,595	2,641,882	7,720	1
2002	70,044,685	62,764,055	55,266,926	12,837,245	1,940,514	6,995	3
2003	69,587,211	62,354,132	54,102,244	13,467,878	2,017,089	5,860	2
2004	72,745,837	65,184,442	57,219,534	12,870,962	2,655,341	6,515	0
2005	73,080,672	65,484,473	54,979,286	13,451,010	4,650,376	6,537	4
2006	69,484,318	62,261,934	55,501,878	11,862,767	2,119,673	6,288	0
2007	68,161,967	61,077,031	53,419,294	12,329,450	2,413,223	6,381	1
2008	68,127,269	61,045,940	53,260,861	12,493,369	2,373,039	6,895	3
2009	60,030,294	53,790,586	48,503,248	9,513,435	2,013,611	6,597	1
2010	59,205,656	53,051,663	47,528,837	9,960,356	1,716,463	6,466	0
2011	59,737,131	53,527,895	47,108,038	10,988,750	1,640,343	7,191	0
2012	57,910,085	51,890,757	44,879,062	11,157,869	1,873,154	7,214	0
2013	57,967,127	51,941,870	46,613,021	8,526,774	2,827,332	7,036	1
2014	59,098,309	52,955,474	48,049,325	7,940,155	3,108,829	6,499	0
2015	50,128,603	44,918,103	40,769,171	6,863,667	2,495,765	5,238	3
2016	44,819,267	40,160,634	37,722,404	4,903,129	2,193,734	4,130	1

**Total tons mined from 1877 through 2016: 11,964,019,896**

**Total Fatalities from 1877 through 2016: 20,400**

**Total cubic yards mined from 1877 through 2016: 10,720,447,935**

\*Production reported in cubic yards calculated using 1,800 tons per acre-foot or 1.116 tons per cubic yard.

\*\*Prior to 1955, production, employees and fatalities of deep mines employing fewer than five (5) persons were not reported.