

## ANTHRACITE COAL MINING ACTIVITIES 1870 to 2023 - 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
1870	14,172,004	11,429,035				35,600	211
1871	15,532,252	12,526,010				37,488	210
1872	15,567,973	12,554,817				44,745	223
1873	21,001,521	16,936,710				48,199	264
1874	19,930,240	16,072,774				53,402	231
1875	23,402,646	18,873,102				69,966	238
1876	23,440,666	18,903,763				70,474	228
1877	24,727,213	19,941,301				66,842	194
1878	20,900,966	16,855,618				63,964	187
1879	31,036,600	25,029,516				68,847	262
1880	27,974,532	22,560,106				73,373	202
1881	34,202,558	27,582,708				76,031	273
1882	35,057,430	28,272,121				82,200	295
1883	37,747,369	30,441,427				91,421	323
1884	36,468,738	29,410,273				101,073	332
1885	38,232,155	30,832,383				100,320	332
1886	38,950,932	31,412,042				103,044	279
1887	42,156,300	33,997,016				106,517	316
1888	46,635,037	37,608,901				122,218	364
1889	43,650,768	35,202,232				119,646	397
1890	44,986,286	36,279,263				119,919	378
1891	49,701,322	40,081,711				123,308	428
1892	51,226,978	41,312,079				130,300	418
1893	52,841,110	42,613,798				138,069	456
1894	50,966,920	41,102,355			386,960	139,939	446
1895	56,948,756	45,926,416			386,534	143,705	421
1896	53,843,250	43,421,976			527,809	150,088	502
1897	52,581,036	42,404,061			732,743	149,557	423
1898	52,812,675	42,590,867			697,759	142,420	411
1899	60,518,331	48,805,106			1,055,426	140,604	461
1900	57,363,396	46,260,803			1,818,170	143,824	411
1901	67,094,665	54,108,601			2,009,864	147,651	513
1902	41,340,935	33,339,464			2,965,792	148,139	300
1903	75,232,585	60,671,440			4,119,258	151,827	518
1904	73,594,369	59,350,298			3,440,420	161,330	595
1905	78,647,020	63,425,016			3,987,688	168,254	644
1906	72,139,510	58,177,024			4,880,402	166,175	557
1907	86,056,412	69,400,332			5,630,169	168,774	708
1908	83,543,243	67,373,583			4,635,923	174,503	678
1909	80,223,833	64,696,640			5,206,562	171,195	567
1910	83,683,994	67,487,092			5,412,167	168,175	601
1911	90,917,176	73,320,303			4,555,457	173,338	699
1912	84,426,869	68,086,185			4,317,161	175,098	601
1913	91,626,964	73,892,713			2,934,157	175,310	624
1914	91,189,641	73,540,033			2,702,537	180,899	600
1915	89,377,706	72,078,795			3,418,427	177,339	588
1916	87,680,198	70,709,837			4,432,606	159,169	565
1917	100,445,299	81,004,273			6,408,227	156,148	581
1918	99,445,794	80,198,221			7,246,454	148,226	556
1919	87,838,024	70,837,116			3,616,675	153,780	636
1920	89,636,036	72,287,126			5,435,697	149,117	490
1921	90,358,642	72,869,873			1,842,096	161,926	546
1922	53,910,201	43,475,969			2,525,402	159,880	300
1923	92,653,641	74,720,678			4,212,001	158,764	515
1924	87,277,449	70,385,040			1,141,796	162,503	496
1925	61,334,145	49,463,020			894,187	163,825	401
1926	83,874,500	67,640,726			1,365,175	168,734	455
1927	79,367,154	64,005,769			1,841,440	167,648	492
1928	74,552,312	60,122,832			1,614,863	160,721	447
1929	72,985,844	58,859,552			878,599	153,422	483
1930	68,776,559	55,464,967			890,389	151,171	444
1931	59,115,387	47,673,699			1,468,572	138,400	384
1932	49,501,511	39,920,573			1,062,853	119,480	243
1933	49,507,577	39,925,465			2,090,996	102,469	232
1934	56,798,951	45,805,606		4,461,894	1,516,393	106,251	260
1935	51,359,111	41,418,638		4,962,514	1,876,700	100,539	267
1936	54,264,016	43,761,303		3,757,678	1,411,988	99,704	241
1937	51,700,296	41,693,787		5,014,052	1,882,062	99,117	212
1938	46,269,511	37,314,122		5,080,344	2,031,432	96,998	223
1939	51,399,707	41,451,377		5,308,049	2,347,269	93,352	210
1940	51,526,454	41,553,592		6,010,364	2,599,280	90,790	182
1941	53,942,177	43,501,756		7,855,945	3,689,538	88,849	189
1942	57,939,629	46,725,507		9,657,307	4,045,970	83,707	225
1943	60,511,730	48,799,782		8,688,896	7,715,860	79,369	218
1944	64,112,589	51,703,701		10,925,619	10,527,481	78,145	171
1945	55,901,235	45,081,641		10,521,174	9,454,205	76,265	137
1946	61,978,710	49,982,831		12,912,992	9,214,678	80,556	169
1947	58,227,985	46,958,052		12,691,382	7,076,796	80,730	165
1948	59,108,810	47,668,395		13,485,837	6,735,688	80,390	131
1949	44,710,118	36,056,547		11,081,087	4,823,144	79,209	92
1950	46,339,255	37,370,367		12,291,325	4,027,249	75,231	86
1951	42,389,055	34,184,722		11,376,379	4,843,834	70,357	94
1952	40,067,130	32,312,202		11,019,185	4,710,495	66,483	92
1953	30,495,391	24,593,057		8,883,984	3,892,083	56,952	59
1954	26,612,312	21,461,542		7,852,186	3,055,528	44,731	47
1955	25,934,792	20,915,155		7,826,029	3,618,121	37,397	60
1956	28,175,633	22,722,285		8,527,613	4,336,168	35,029	54
1957	25,163,466	20,293,118		7,831,511	4,356,958	32,767	51
1958	20,456,474	16,497,156		7,001,422	2,711,152	26,738	31
1959	19,670,615	15,863,399		7,272,661	2,981,696	24,112	46
1960	17,721,113	14,291,220		7,138,743	3,006,803	20,269	35
1961	16,506,612	13,311,784		7,279,371	2,418,433	16,971	19
1962	16,496,315	13,303,480		6,942,675	2,829,421	14,704	26

Year	Total Coal Production (tons)	Total Coal Production (cubic yards)*	Underground Mining (tons)	Surface Mining (tons)	Coal Refuse Production (tons)	Total Employees	Total Fatalities
1963	17,411,202	14,041,292		7,552,995	2,965,213	14,323	30
1964	16,524,687	13,326,360		7,248,900	3,013,307	13,584	24
1965	14,229,817	11,475,659		5,996,536	2,611,189	11,839	8
1966	12,031,375	9,702,722		5,317,432	2,662,558	9,621	5
1967	11,552,441	9,316,485		4,910,209	3,335,557	7,828	9
1968	11,025,482	8,891,518		4,918,353	3,571,862	6,682	4
1969	10,165,805	8,198,230		4,696,123	3,319,018	6,461	13
1970	9,248,001	7,458,065		4,624,610	2,956,707	6,286	4
1971	8,187,961	6,603,194		4,450,457	2,492,178	5,816	2
1972	6,462,093	5,211,365		3,492,444	2,072,658	4,431	3
1973	6,293,013	5,075,010		3,284,905	2,305,265	4,053	1
1974	6,090,421	4,911,630		2,812,618	2,645,613	3,831	2
1975	5,628,741	4,539,307		2,511,703	2,520,415	3,877	1
1976	5,291,776	4,267,561		2,958,115	1,817,306	3,641	1
1977	5,060,689	4,081,201		2,896,979	1,663,864	3,603	11
1978	5,036,807	4,061,941		2,961,727	1,480,352	3,472	1
1979	4,835,118	3,899,289		2,961,129	1,331,655	3,310	1
1980	5,983,149	4,825,120	583,274	3,454,821	1,945,054	3,429	3
1981	5,125,389	4,133,378	621,260	3,247,489	1,256,640	3,609	1
1982	3,993,385	3,220,472	475,010	2,525,882	992,493	3,641	0
1983	2,923,452	2,357,623	438,331	1,887,531	597,590	3,003	1
1984	3,893,898	3,140,240	641,628	2,708,194	544,076	3,239	0
1985	5,228,623	4,216,631	753,719	3,428,652	1,046,252	3,225	6
1986	3,748,390	3,022,895	629,023	2,433,025	686,342	2,723	3
1987	5,225,696	4,214,271	615,000	3,492,876	1,117,775	2,617	0
1988	4,180,968	3,371,748	554,000	2,952,581	674,433	2,540	1
1989	3,375,315	2,722,028	601,000	2,247,395	526,850	2,443	1
1990	3,414,967	2,754,006	529,000	1,908,545	976,875	2,258	1
1991	4,864,247	3,922,780	380,519	2,473,295	1,992,433	2,289	1
1992	4,879,958	3,935,450	380,000	2,049,921	2,373,570	2,497	0
1993	5,170,398	4,169,676	456,000	1,739,135	2,933,712	2,158	2
1994	7,973,806	6,430,489	498,000	2,162,126	5,453,347	2,216	2
1995	8,758,150	7,063,024	358,000	2,485,784	5,845,060	2,179	4
1996	11,573,504	9,333,471	395,409	2,740,873	8,437,222	2,109	0
1997	8,934,325	7,205,101	456,567	2,659,176	5,818,582	2,248	0
1998	7,535,593	6,077,091	412,394	2,388,010	4,735,189	1,589	1
1999	5,635,251	4,544,557	311,512	1,964,577	3,359,162	1,632	1
2000	3,905,096	3,149,271	220,462	2,332,828	1,351,806	945	0
2001	3,016,595	2,432,738	154,111	1,645,575	1,216,909	808	0
2002	4,262,856	3,437,787	203,253	2,165,192	1,894,411	795	0
2003	**2,401,780	**1,936,919	308,464	2,093,316	not reported	**485	0
2004	6,237,962	5,030,615	271,029	2,060,545	3,906,388	695	1
2005	6,462,579	5,211,757	189,899	2,049,173	4,223,507	697	1
2006	7,516,944	6,062,052	270,773	1,965,377	5,280,794	695	1
2007	8,487,765	6,844,972	209,608	2,307,052	5,971,105	845	0
2008	7,997,118	6,449,289	235,899	2,316,715	5,444,504	801	1
2009	6,819,330	5,499,460	171,720	2,771,298	3,876,312	727	0
2010	7,135,727	5,754,619	207,299	3,027,215	3,901,213	788	0
2011	8,192,649	6,606,975	166,383	3,957,240	4,069,026	912	0
2012	9,636,631	7,771,477	114,387	5,517,156	4,005,088	1,083	0
2013	9,193,903	7,414,438	87,889	4,590,820	4,515,194	1,064	0
2014	8,711,747	7,025,602	81,517	4,142,833	4,487,397	874	0
2015	8,678,500	6,998,790	88,759	4,525,632	4,064,109	1,008	0
2016	7,642,435	6,163,254	91,754	3,080,606	4,470,075	900	0
2017	7,637,605	6,159,359	77,151	3,249,477	4,310,977	837	1
2018	6,723,741	5,422,372	68,359	2,072,847	4,582,535	739	1
2019	6,119,797	4,935,320	63,694	3,983,950	2,072,153	977	0
2020	4,516,246	3,642,134	58,150	3,293,328	1,164,768	913	1
2021	5,198,191	4,192,090	53,688	3,639,885	1,504,618	1,032	0
2022	8,230,646	6,637,618	51,243	4,129,876	4,049,527	879	0
2023	8,312,393	6,703,543	51,495	4,263,835	3,997,063	926	0

**Total tons mined from 1870 through 2023: 5,418,244,476**

**Total Fatalities from 1870 through 2023: 31,122**

**Total cubic yards mined from 1870 through 2023: 4,369,551,996**

\*Production reported in cubic yards calculated using 2,000 tons per acre-foot or 1.24 tons per cubic yard.

\*\*Total production in 2003 is only for underground and surface mines, coal refuse tonnage and refuse site employees are not included.