

**ANTHRACITE COAL
HISTORICAL PROFILE**

TABLE 1
ANTHRACITE COAL STATISTICAL SUMMARIES
1870 to 1997

Year	Production (Net Tons)	Bank/Refuse Production ⁽¹⁾	Surface Pro- duction ⁽¹⁾	Employees	Fatalities	Production per Fatality	Fatalities Per 1,000,000 Tons Produced	No. of Mine Inspectors
1870 ⁽²⁾	14,172,004			35,600	211	67,166	14.89	5
1871	15,532,252			37,488	210	73,963	13.52	5
1872	15,567,973			44,745	223	69,811	14.32	5
1873	21,001,521			48,199	264	79,551	12.57	5
1874	19,930,240			53,402	231	86,278	11.59	5
1875	23,402,646			69,966	238	98,330	10.17	6
1876	23,440,666			70,474	228	102,810	9.73	6
1877	24,727,213			66,842	194	127,460	7.85	6
1878	20,900,966			63,964	187	111,770	8.95	6
1879	31,036,600			68,847	262	118,460	8.44	6
1880	27,974,532			73,373	202	138,488	7.22	6
1881	34,202,558			76,031	273	125,284	7.98	7
1882	35,057,430			82,200	295	118,839	8.41	6
1883	37,747,369			91,421	323	116,865	8.56	6
1884	36,468,738			101,073	332	109,846	9.10	6
1885	38,232,155			100,320	332	115,157	8.68	7
1886	38,950,932			103,044	279	139,609	7.16	7
1887	42,156,300			106,517	316	133,406	7.50	7
1888	46,635,037			122,218	364	128,118	7.81	8
1889	43,650,768			119,646	397	109,952	19.09	8
1890	44,986,286			119,919	378	110,011	8.40	7
1891	49,701,322			123,308	428	116,125	8.61	8
1892	51,226,978			130,300	418	122,553	8.16	8
1893 ⁽³⁾	52,841,110			138,069	456	115,880	8.63	8
1894	50,966,920	386,960		139,939	446	114,276	8.75	8
1895	56,948,756	386,534		143,705	421	135,270	7.39	8
1896	53,843,250	527,809		150,088	502	107,257	9.32	8
1897	52,581,036	732,743		149,557	423	124,305	8.04	8
1898	52,812,675	697,759		142,420	411	129,498	7.78	8
1899	60,518,331	1,055,426		140,604	461	131,276	7.62	8
1900	57,363,396	1,818,170		143,824	411	139,570	7.16	8
1901	67,094,665	2,009,864		147,651	513	130,789	7.65	8
1902	41,340,935	2,965,792		148,139	300	137,803	7.26	8
1903	75,232,585	4,119,258		151,827	518	145,237	6.89	15
1904	73,594,369	3,440,420		161,330	595	123,688	8.08	15
1905	78,647,020	3,987,688		168,254	644	122,123	8.19	15
1906	72,139,510	4,880,402		166,175	557	129,514	7.72	19
1907	86,056,412	5,630,169		168,774	708	421,549	8.23	20
1908	83,543,243	4,635,923		174,503	678	123,220	8.12	20
1909	80,223,833	5,206,562		171,195	567	141,488	7.07	20
1910	83,683,994	5,412,167		168,175	601	139,241	7.18	20
1911	90,917,176	4,555,457		173,338	699	130,067	7.69	21
1912	84,426,869	4,317,161		175,098	601	140,477	7.12	21
1913	91,626,964	2,934,157		175,310	624	146,838	6.81	21
1914	91,189,641	2,702,537		180,899	600	151,963	6.58	21

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1915	89,377,706	3,418,427		177,339	588	152,003	6.58	21
1916	87,680,198	4,432,606		159,169	565	155,186	6.44	25
1917	100,445,299	6,408,227		156,148	581	172,883	5.78	25
1918	99,445,794	7,246,454		148,226	556	178,859	5.59	25
1919	87,838,024	3,618,675		153,780	636	138,110	7.24	25
1920	89,636,036	5,435,697		149,117	490	182,931	5.47	25
1921	90,358,642	1,842,096		161,926	546	165,492	6.04	25
1922	53,910,201	2,525,402		159,880	300	179,701	5.56	25
1923	92,653,641	4,212,001		158,764	515	179,910	5.56	22
1924	87,277,449	1,141,796		162,503	496	175,963	5.68	22
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	876,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572		138,400	384	153,946	6.50	25
1932 ⁽⁴⁾	49,501,511	1,062,853	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,256	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,882,062	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24
1948	59,108,810	6,735,688	13,485,837	80,390	131	451,212	2.22	26
1949	44,710,118	4,823,144	11,081,087	79,209	92	485,980	2.06	26
1950	46,339,255	4,027,249	12,291,325	75,231	86	538,829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450,927	2.22	25
1952	40,067,130	4,710,495	11,019,185	66,483	92	435,512	2.30	25
1953	30,495,391	3,892,083	8,883,984	56,952	59	516,871	1.93	25
1954	26,612,312	3,055,528	7,852,186	44,731	47	566,219	1.76	24
1955 ⁽⁵⁾	25,934,792	3,618,121	7,826,029	37,397	60	432,247	2.31	20
1956	28,175,633	4,336,168	8,527,613	35,029	54	521,771	1.92	18
1957	25,163,466	4,356,958	7,831,511	32,767	51	493,401	2.03	21
1958	20,456,474	2,711,152	7,001,422	26,738	31	659,886	1.52	20
1959	19,670,615	2,981,696	7,272,661	24,112	46	427,622	2.34	20

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1960	17,721,113	3,006,803	7,138,743	20,269	35	506,318	1.98	23
1961	16,506,612	2,418,433	7,279,371	16,971	19	868,769	1.15	23
1962	16,496,315	2,829,421	6,942,675	14,704	26	634,474	1.58	22
1963	17,411,202	2,965,213	7,552,995	14,323	30	580,373	1.72	22
1964	16,524,687	3,013,307	7,248,900	13,584	24	688,529	1.45	22
1965	14,229,817	2,611,189	5,996,636	11,839	8	1,778,727	0.56	21
1966	12,031,375	2,662,558	5,317,432	9,621	5	2,406,275	0.41	21
1967	11,552,441	3,335,557	4,910,209	7,828	9	1,283,605	0.78	21
1968	11,025,482	3,571,862	4,918,353	6,682	4	2,756,370	0.36	16
1969	10,165,805	3,319,018	4,696,123	6,461	13	781,985	1.28	16
1970	9,248,001	2,956,707	4,624,610	6,286	4	2,312,002	0.43	16
1971	8,187,961	2,482,178	4,450,457	5,816	2	4,093,980	0.24	16
1972	6,462,093	2,072,658	3,492,444	4,431	3	2,154,031	0.47	16
1973	6,293,013	2,305,265	3,284,905	4,053	1	6,293,013	0.16	12
1974	6,090,421	2,645,613	2,812,618	3,831	2	3,045,210	0.32	12
1975	5,628,741	2,520,415	2,511,703	3,877	1	5,628,741	0.17	14
1976	5,291,776	1,817,306	2,958,115	3,641	1	5,291,776	0.18	13
1977	5,060,689	1,663,864	2,896,979	3,603	11	460,063	2.17	13
1978	5,036,807	1,480,352	2,961,727	3,472	1	5,036,887	0.20	13
1979	4,835,118	1,331,655	2,961,129	3,310	1	4,835,118	0.21	13
1980	5,983,149	1,945,054	3,454,821	3,429	3	1,994,383	0.50	16
1981	5,125,389	1,256,640	3,247,489	3,609	1	5,125,389	0.20	13
1982	3,993,385	992,493	2,525,882	3,641				19
1983	2,923,452	597,590	1,887,531	3,003	1	2,923,452	0.34	18
1984	3,893,898	544,076	2,708,194	3,239				16
1985	5,228,623	1,046,252	3,428,652	3,225	6	871,437	1.14	17
1986	3,748,390	686,342	2,433,025	2,723	3	1,249,463	0.80	17
1987	5,225,696	1,117,775	3,492,876	2,617				17
1988	4,180,968	674,433	2,952,581	2,540	1	4,180,968	0.23	17
1989	3,375,315	526,850	2,247,395	2,443	1	3,375,315	0.30	17
1990	3,414,967	976,875	1,908,545	2,258	1	3,414,967	0.30	17
1991	4,846,247	1,992,433	2,473,295	2,289	1	4,846,247	0.21	17
1992	4,879,958	2,373,570	2,049,921	2,497				17
1993	5,170,398	2,933,712	1,739,135	2,158	2	2,585,199	0.39	17
1994	7,973,806	5,453,347	2,162,126	2,216	2	3,986,903	0.25	17
1995	8,758,150	5,845,060	2,485,784	2,179	4	2,189,537	0.46	17
1996	11,573,504	8,437,222	2,740,873	2,109				17
1997	8,934,325	5,818,582	2,659,176	2,248				17

- (1) Included in Total Production
(2) No accurate record previous to 1870
(3) No accurate Bank and Surface Production record previous to 1894
(4) No accurate Surface Production record previous to 1932
(5) In 1965 and subsequent years the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.

TABLE 2
PENNSYLVANIA ANTHRACITE REGION
PRODUCTION OF COAL, EMPLOYES, AND FATALITIES BY COUNTY
1997 ANNUAL

County	Deep Mined Production	Surface Mined Production	Refuse & Bank Production	(Net Tons) TOTAL PRODUCTION	Deep Employees	Surface Employees	Refuse & Bank Employees	Breaker & Washery Employees	TOTAL EMPLOYES	Fatal Accidents	Production Per Fatal	Non-Fatal Accidents
Carbon		5,698	1,450,661	1,456,359	7	1	64	10	82			6
Columbia	174,693	168,331		343,024	47	33			80			6
Dauphin	1,568	10,188		11,756	4	12		19	35			
Lackawanna		82,333		82,333	10	2			12			
Luzerne		179,068	1,126,304	1,305,372		108	169	106	383			17
Northumberland	40,946	139,812	722,349	903,107	47	31	80	122	280			12
Schuylkill	239,360	2,073,746	2,519,268	4,832,374	181	554	218	407	1,360			78
Sullivan								16	16			
REGION TOTAL	456,567	2,659,176	5,818,582	8,934,325	296	741	531	680	2,248			119

**TABLE 3
SUMMARY OF ANTHRACITE COAL MINES PRODUCTION BY DISTRICT/COUNTY
PENNSYLVANIA ANNUAL 1997**

Deep Surface Districts/County	Operators*	No. of Deep Mines	No. of Refuse and Bank Mines	No. of Surface Mines	Number of Breaker and Washery Plants	TOTAL NUMBER OF OPERATIONS	Number of Gaseous Mines	Number of Non-Gaseous Mines	Deep Employees	Refuse and Bank Employees	Surface Employees	Breaker and Washery Employees	TOTAL EMPLOYEES	Deep Mine Production	Refuse and Bank Mines Production	Surface Mine Production	TOTAL PRODUCTION	No. of Fatal	Production Per Fatal	Number Non-Fatal Accidents
1	25	4	15		16	35		4	26	140		126	292	1,165	1,150,570		1,151,735			6
2	19	8	6		13	27		8	65	78		127	270	202,925	689,785		892,710			19
3	21	9	5		10	24	1	8	43	18		107	168	40,946	51,063		92,009			11
4	19	10	5		14	29		10	37	39		220	296	48,128	1,271,539		1,319,667			25
5	19	11	6		6	23	5	6	65	16		78	159	73,573	146,751		220,324			4
6	15	15	1		4	20	3	12	60	4		22	86	89,830	4,602		94,432			
Carbon	3		2	1		3				32	1		33		348,034	5,698	353,732			2
Columbia	4			4		4					33		33			168,331	168,331			
Dauphin	1			1		1					12		12			10,188	10,188			
Lackawanna	1			1		1					2		2			82,333	82,333			
Luzerne	14		8	12		20				37	108		145		230,974	179,068	410,042			11
Northumberland	9		6	8		14				30	31		61		20,588	139,812	160,400			
Schuylkill	40		17	48		65				137	554		691		1,904,676	2,073,746	3,978,422			41
Sullivan (a)																				
REGION TOTAL		57	71	75	63	266	9	48	296	531	741	680	2,248	456,567	5,818,582	2,659,176	8,934,325			119

* Due to some companies operating in more than one district/county, this figure does not represent the actual number of total coal mine operators.

(a) Shown in District 1