

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF ENVIRONMENTAL RESOURCES

Harrisburg



ANNUAL REPORT

1970

Anthracite, Bituminous Coal and Oil and Gas Divisions

**Printed in compliance with the
Coal Mine Act of April 14, 1903**

TABLE OF CONTENTS

	<i>Page</i>
A Report of Accomplishments of Pennsylvania's Department of Mines and Mineral Industries during 1970	5
Photographs of Selected Activities	6
Introduction to Department of Environmental Resources	13

ANTHRACITE DIVISION

STATISTICAL REPORTS:

Production, Employes and Fatalities—1870 to 1970	41
Forty-two Year Study of Anthracite, by County	43
Production by County	51
Production by District	52
Summary of Anthracite Mines, Production and Fatalities	53
Production, How Shipped, Average Days Worked	54
Small Mine Report	55
Anthracite Division	56
Classification of Employes—By District	57
Operators Producing 50,000 Tons or More	58
Production and Accident Record for Operators Having a Fatality	59
Causes of Fatal Accidents—By County	60
Fatal Accident Victims—1970	61
Accidents in Which Five or More Persons Were Killed—1847 to 1970	
County-District Cross Reference	62
Map of Anthracite Strip Mine Districts	
Map of Anthracite Deep Mine Districts	

PRODUCTION TABLE:

Production, etc., of Anthracite Operators—By District	69
Anthracite Operators	109
Anthracite Breakers, Washeries and Preparation Plants	117

ACCOMPLISHMENTS: 1970 MINES AND MINERAL INDUSTRIES

The year 1970 represented the culmination of a decade of effort and progress of the Pennsylvania Department of Mines and Mineral Industries in the area of conservation achievement. Pennsylvania now leads the coal mining states of the nation in land, water, and air pollution control and/or elimination resultant from coal mining operations.

Much of the credit for the successes of the Mines' Department in the past year must be attributed to the availability of funds to fight pollution. The \$500 million Bond Issue for Pennsylvania conservation ratified by the voters in the primary election of 1967, has directed \$200 million toward the goal of coal land and water restoration. Specifically, projects in this realm include: strip mine reclamation work; acid mine drainage control; mine fire extinguishment; mine subsidence control; and oil and gas well regulation.

A recapitulation of the projects conducted in these categories show significant progress in the past year's activity, namely, completion of work in: (1) underground mine fires—twelve (12) projects at a cost of \$5,836,907.51; (2) culm bank fires—five (5) projects at a cost of \$3,075,078.00; (3) leveling and grading non-burning culm banks—none; (4) backfilling abandoned open pit coal mines—eight (8) projects at a cost of \$80,650.56; (5) backfilling abandoned deep mine openings—forty-one (41) projects at a cost of \$29,434.08; (6) correcting mine drainage conditions—seventy-three (73) projects at a cost of \$2,835,212.81; (7) flushing for deep mine subsidence (mine voids)—six (6) projects at a cost of \$2,258,339.62; and coal refuse by-product recovery—one (1) project at a cost of \$136,895.17. In all, the Department completed 146 conservation projects in 1970 at a cost of approximately \$14,252,517.75. Of these, twenty-two (22) projects were conducted in the Anthracite region and one hundred twenty-four (124) were completed in the Bituminous region.

Notwithstanding, the progress made by the Mines' Department up to and including 1970 was not overshadowed by the projected work scheduled during the year for the future. Bid proposals were negotiated and contracts approved that totaled nearly \$32,000,000.00. This amount represents the start of seventy-one (71) new projects in stream pollution abatement at an approximate cost of \$14,576,000.00; five (5) new projects in culm bank fire extinguishment work at an estimated cost of \$7,347,000.00; nine (9) projects started in the extinguishment of underground mine fires, \$10,060,000.00; and six (6) projects begun in the control of mine subsidence, \$272,600.00.

The work reflected in these figures indicates that Pennsylvania has gone far beyond the stage of simply giving lip service to its commitments of cleaning up the environment. If the nation, as President Nixon recently indicated, undertakes an all out war on pollution control, then it will certainly be Pennsylvania, because of past effort, research and accomplishment, who will be in the best position to gain as well as contribute the most comprehensive results and significant action to future conservation achievement.

**ANTHRACITE
DIVISION
STATISTICAL
REPORTS**

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
ANTHRACITE DIVISION
TOTAL PRODUCTION OF COAL, PRODUCTION FROM STRIPPINGS AND WASHERIES
EMPLOYEES, FATALITIES, ETC.
1870 - 1970

Year	Total production (net tons) #	Washery production (net tons)*	Stripping production (net tons)*	Employees #	Fatal- ities #	Produc- tion per fatality #	Fatal- ities per million tons #	No. of ins- pec- tors #
1870	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			63,847	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	118,339	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	9.09	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	52,811,110			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	3,897,688		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	121,549	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	151,983	6.58	21
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	6,408,277		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	3,616,675		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	92,653,611	4,212,001		158,764	515	179,910	5.56	22
1924	87,277,449	1,441,796		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	1,844,440		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	878,599		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

Year	Total production (net tons)	Machinery production (net tons)*	Strippling production (net tons)*	Employers	Fatal- files	Produc- tion per fatality	Fatal- files of million tons	No. of ins- pec- tors
1932	49,501,511	1,062,853	3,245,948	119,480	243	203.710	1.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213.395	1.96	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218.438	1.98	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	211	225.152	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	213.869	4.10	22
1938	46,289,511	2,031,432	5,080,344	96,998	223	207.487	4.82	20
1939	51,399,707	2,031,432	5,308,049	93,352	210	244.751	4.09	24
1940	51,586,454	2,599,280	6,010,364	90,790	182	285.148	3.53	23
1941	53,942,177	3,689,588	7,895,945	88,849	189	285.408	3.50	22
1942	57,999,629	4,045,970	8,657,307	83,797	225	277.599	3.88	22
1943	60,511,730	7,715,860	9,688,896	79,369	218	374.927	3.69	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	408.038	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,285	137	480.078	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	12,221,325	75,231	86	538.829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450.927	2.30	25
1952	40,067,130	4,710,495	11,019,185	66,483	92	435.512	2.20	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**	25,921,792	3,618,121	7,826,029	37,397	60	432.247	2.31	20
1956**	28,115,633	4,336,168	8,527,613	35,029	54	521.771	1.92	18
1957	25,163,466	4,356,956	7,631,511	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
1960	17,721,113	3,006,803	7,138,743	20,269	35	506.318	1.98	23
1961	16,506,612	2,448,433	7,279,371	16,971	19	868.769	1.58	22
1962	16,496,312	2,829,421	6,942,675	14,701	26	644.474	1.58	22
1963	17,441,205	2,965,213	7,552,995	14,323	30	580.373	1.72	22
1964	16,521,687	3,013,307	7,248,900	13,584	24	708.529	1.45	22
1965	14,299,817	3,611,189	5,996,536	11,839	8	678.727	0.36	21
1966	12,031,375	2,662,558	5,317,432	9,621	5	1,406.275	0.41	21
1967	11,525,441	3,335,557	4,910,209	7,828	9	1,283.605	0.18	16
1968	11,022,482	3,571,862	4,918,353	6,682	4	756.370	0.36	16
1969	10,165,805	3,319,018	4,696,123	6,461	13	4,696,385	1.28	16
1970	9,248,011	2,956,707	4,624,610	6,286	4	2,312,002	0.13	16

* Included in total production.
 # No accurate record previous to 1870.
 † No accurate record previous to 1891.
 ‡ No accurate record previous to 1932.
 § In 1935 and subsequent years the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.

FORTY-TWO YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	2,654,820	1,044,724	1,113,048	20,392,400	34,711,150	7,207,553	19,238,222	214,773	655,000	45,759	87,277,449
1930	1,754,134	685,253	867,363	15,312,853	27,456,102	6,749,282	15,673,224	64,071	91,296	122,981	68,776,559
1931	1,886,084	865,424	756,274	12,758,631	23,766,625	5,728,763	12,925,765	75,542	184,773	157,506	59,115,387
1932	1,821,911	497,966	673,078	11,729,255	19,327,982	4,679,188	10,479,627	70,794	97,544	124,196	49,501,511
1933	1,610,409	556,539	652,057	11,090,350	19,861,441	5,102,704	10,252,019	126,101	130,715	125,242	49,507,577
1934	2,057,670	917,520	631,835	12,440,808	21,438,372	5,767,112	12,911,938	189,070	179,236	265,390	56,798,951
1935	1,703,018	824,803	549,467	10,437,254	21,059,166	5,469,372	10,761,971	179,134	216,010	159,010	51,359,111
1936	1,873,797	1,545,144	400,758	11,154,691	21,315,049	5,208,201	12,333,446	213,847	19,169	198,944	54,264,016
1937	2,076,398	1,251,044	484,403	9,117,509	22,487,109	4,604,212	11,461,545	99,879	15,339	102,858	51,700,296
1938	1,947,771	1,157,913	425,871	8,439,828	20,365,737	4,090,787	9,774,216 a	49,383	7,030	10,975	46,269,511
1939	2,514,152	964,346	476,960	9,198,552	23,377,666	4,815,235	9,885,719 b	36,684	124,791	5,602	51,399,707
1940	2,175,348	1,026,366	505,558	9,259,463	22,672,016	4,499,464	11,242,175 c	50,448	86,149	9,071	51,526,454
1941	2,401,741	1,067,473	345,545	8,973,827	24,316,481	4,934,077	11,822,153 d	49,179	21,686	10,015	53,942,177
1942	2,796,798	998,124	57,479	9,344,388	25,767,343	5,299,913	13,520,462 e	49,113	62,761	47,248	57,939,629
1943	3,150,839	861,015	229,826	9,149,647	24,082,663	5,463,150	17,396,092 f	101,977	73,037	3,484	60,511,730
1944	3,644,877	1,147,941	299,349	9,427,467	24,810,042	5,743,333	18,834,594 g	147,756	46,216	10,903	64,112,589
1945	3,345,258	1,121,228	292,662	8,083,021	21,073,255	5,001,063	16,731,289 h	187,007	66,452	*	55,901,235
1946	3,166,205	1,457,754	141,800	9,058,331	22,770,658	6,342,793	18,811,399	105,862	123,908	*	61,978,710
1947	2,933,809	1,507,884	28,731	8,538,164	21,990,960	6,779,549	16,259,688	46,785	142,445	*	58,227,985
1948	2,801,893	1,679,495	10,254	8,610,881	21,591,846	6,937,340	17,275,544 i	63,230	138,327	*	59,108,810
1949	2,126,682	1,380,732	61,389	6,221,743	15,989,846	5,200,490	13,538,194 j	23,585	167,457	*	44,710,118
1950	1,988,317	1,281,807	52,275	6,526,466	17,112,757	5,211,307	14,066,493 k	26,690	73,143	*	46,339,255
1951	1,894,035	985,177	30,133	5,775,808	14,882,432	5,749,967	13,021,079 m	28,762	21,662	*	42,389,055
1952	1,899,297	760,695	868	5,303,545	13,774,952	5,326,146	12,977,722 n	24,055	-	*	40,067,130
1953	1,561,836	745,649	21,811	3,555,642	10,201,927	4,247,561	10,142,880 o	18,085	-	*	30,495,391
1954	1,272,419	568,733	52,281	2,903,470	10,675,181	3,283,315	7,836,675	20,238	-	*	26,612,312
1955 #	1,749,692	639,990	212,239	2,594,928	9,921,275	2,749,383	8,057,660 p	9,625	-	*	25,934,792
1956	1,746,287	844,201	254,495	3,232,566	9,762,753	3,524,853	8,801,402 q	5,715	-	*	28,175,633
1957	1,107,042	850,479	195,499	2,680,409	8,389,265	3,415,614	8,518,317 r	6,841	-	6,361	25,163,466
1958	623,195	888,009	123,861	2,094,170	6,774,033	2,600,831	7,307,839 s	15,174	1,680	27,683	20,456,745
1959	518,252	692,224	142,720	2,147,827	6,172,748	2,551,042	7,432,081 t	8,052	5,107	56,604	19,670,615
1960	519,593	474,234	129,002	1,853,008	5,380,696	2,444,599	6,933,916 u	13,828	679	1,568	17,721,113
1961	579,106	464,421	108,542	1,194,971	5,307,953	2,004,278	6,827,844 v	16,534	1,645	1,318	16,506,612
1962	497,925	411,185	110,384	1,079,459	6,090,572	1,702,891	6,583,012 w	10,786	9,512	589	16,496,312
1963	727,445	485,749	230,324	964,475	6,412,375	2,082,968	6,531,130 x	8,729	-	8,007	17,411,202
1964	551,442	910,704	237,555	879,898	5,649,906	2,267,083	6,011,519 y	15,081	-	1,499	16,524,687
1965	444,826	446,272	196,495	660,558	5,436,676	1,600,886	5,536,420 z	23,096	2,395	193	14,229,817
1966	507,724	299,622	167,568	501,187	4,478,217	1,431,411	4,624,032 aa	20,474	1,137	-	12,031,375
1967	545,089	507,236	162,213	413,073	4,192,283	1,417,420	4,261,992 bb	34,766	369	-	11,552,441
1968	533,757	309,860	122,743	558,459	3,476,065	1,680,202	4,297,448	37,159	9,589	-	11,025,482
1969	497,159	327,999	52,613	441,475	3,360,976	1,309,666	4,133,984	40,808	1,125	-	10,165,805
1970	465,359	389,255	85,958	402,420	2,719,940	1,025,830	4,043,335	115,914	-	-	9,248,011

FORTY-TWO YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	4,776	2,213	2,013	35,846	63,308	11,560	37,672	708	1,178	99	162,503
1930	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	457	274	151,171
1931	4,160	1,290	1,766	33,797	59,225	11,326	25,654	586	254	342	138,400
1932	3,870	997	1,657	29,700	50,231	10,084	21,507	703	454	297	119,500
1933	3,392	1,009	1,285	21,375	44,450	7,980	21,547	718	203	510	102,469
1934	4,344	948	1,126	22,954	46,737	8,161	21,062	510	200	209	106,251
1935	4,935	1,324	1,012	20,889	43,701	7,757	19,697	596	403	225	100,539
1936	5,517	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
1937	4,282	1,871	877	19,188	45,755	7,489	19,002	426	158	69	99,117
1938	4,713	1,951	918	17,818	45,731	7,473	18,065 a	290	42	20	97,021
1939	4,686	1,943	904	17,875	43,344	7,637	16,494 b	215	235	19	93,352
1940	4,376	1,664	867	16,860	43,238	7,397	16,039 c	187	145	17	90,790
1941	4,446	1,489	587	14,974	43,726	6,815	16,615 d	144	37	16	88,849
1942	4,433	1,486	553	14,388	39,219	6,498	16,945 e	104	38	43	83,707
1943	4,337	1,316	130	13,064	35,807	6,485	18,052 f	164	14	*	79,369
1944	4,940	1,711	149	12,344	33,660	6,409	18,721 g	211	*	*	78,145
1945	4,588	1,954	195	11,400	32,888	5,877	19,127 h	207	29	*	76,265
1946	4,599	2,162	300	12,010	34,526	6,124	20,613	181	41	*	80,556
1947	4,891	2,319	152	12,381	33,869	6,636	20,302	127	53	*	80,730
1948	4,637	1,963	61	12,222	34,282	6,521	20,523 i	110	41	*	80,390
1949	4,420	1,760	83	11,702	35,040	6,009	20,047 j	104	44	*	79,209
1950	3,739	1,705	125	11,005	33,176	5,852	19,458 k	101	70	*	75,231
1951	3,872	1,496	153	10,410	30,596	5,583	18,159 m	79	9	*	70,357
1952	3,279	1,352	40	9,717	28,512	5,538	17,937 n	63	-	-	66,438
1953	2,987	1,298	71	8,496	23,974	4,949	15,116 o	61	-	-	56,952
1954	2,483	957	72	7,074	17,202	4,090	12,747	106	-	-	44,731
1955 #	2,197	1,121	203	4,954	14,399	4,380	10,123 p	20	-	-	37,397
1956	2,092	1,104	210	4,415	14,218	3,169	9,806 q	7	-	8	35,029
1957	1,892	1,143	191	4,309	12,442	3,239	9,544 r	7	-	-	32,767
1958	837	1,064	167	3,448	9,642	3,022	8,512 s	25	3	18	26,738
1959	613	853	208	3,235	8,397	2,857	7,923 t	22	-	4	24,112
1960	759	583	208	2,937	6,002	2,817	6,928 u	21	4	10	20,269
1961	349	416	201	2,167	5,126	2,689	5,998 v	16	3	6	16,971
1962	339	387	223	1,523	4,558	2,115	5,538 w	13	2	6	14,704
1963	387	366	187	1,239	4,626	1,994	5,497 x	13	-	14	14,323
1964	334	549	188	1,171	4,538	1,948	4,832 y	19	-	5	13,584
1965	200	288	159	992	4,167	1,647	4,363 z	17	3	3	11,839
1966	231	158	117	915	3,428	1,312	3,437 aa	15	5	3	9,621
1967	224	240	90	475	3,021	866	2,892 bb	15	5	-	7,828
1968	198	188	77	421	2,366	765	2,646	15	6	-	6,682
1969	283	154	80	410	2,077	806	2,617	26	8	-	6,461
1970	299	150	71	370	2,038	731	2,591	36	-	-	6,286

Empl-
oyes

Man-Days

FORTY-TWO YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	1,325,996	498,917	566,352	9,879,932	17,091,203	4,008,190	10,214,942	85,557	350,817	29,205	44,054,111
1930	738,578	257,535	371,794	7,689,354	12,990,705	3,010,032	6,482,976	38,484	52,749	43,458	31,675,665
1931	730,607	230,208	349,013	6,288,064	10,359,468	2,100,810	4,748,290	38,404	46,601	67,648	24,959,113
1932	537,711	160,097	276,268	5,011,732	7,724,183	1,822,717	3,516,543	67,632	25,763	31,228	19,173,874
1933	455,966	157,495	244,098	4,462,932	7,539,709	1,681,984	3,601,752	54,129	38,976	64,680	18,301,721
1934	756,434	206,878	248,595	5,384,563	8,991,190	1,958,718	4,097,456	88,891	53,800	56,430	21,842,955
1935	727,462	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,398	85,202	87,390	44,585	18,844,287
1936	781,883	367,474	141,498	4,439,859	8,048,873	1,666,329	3,598,172	127,098	4,275	39,496	19,154,957
1937	725,560	378,726	176,737	3,564,769	8,680,115	1,395,236	3,406,363	52,506	13,648	9,714	18,403,374
1938	783,486	372,549	175,948	3,162,859	7,699,347	1,316,707	3,039,160 a	28,581	3,570	3,257	16,585,464
1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408 b	21,382	43,656	2,735	17,225,261
1940	789,147	322,265	176,868	3,288,238	7,959,512	1,328,685	3,067,419 c	24,683	20,590	2,414	16,979,821
1941	846,859	274,325	129,826	3,063,605	8,586,535	1,479,290	3,260,577 d	27,035	5,708	2,544	17,676,304
1942	1,021,633	349,214	21,313	3,462,164	10,163,813	1,535,344	3,972,274 e	21,884	8,066	9,432	20,565,137
1943	1,156,102	351,130	37,310	3,571,795	9,902,178	1,680,211	4,659,538 f	39,286	3,276	*	21,400,826
1944	1,446,126	500,067	46,488	3,703,717	10,246,301	1,681,792	5,125,620 g	59,589	*	*	22,809,700
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602 h	53,892	5,054	*	20,229,484
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,356	16,225	*	21,447,939
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	5,202	*	22,392,531
1948	1,259,080	319,830	12,152	3,409,360	9,641,708	1,725,123	5,130,772 i	28,335	7,704	*	21,534,064
1949	870,672	511,400	9,553	2,618,620	6,578,335	1,405,854	4,338,959 j	12,760	16,320	*	16,362,473
1950	823,173	526,441	24,361	2,541,870	6,642,519	1,961,803	5,035,437 k	14,265	30,131	*	17,600,000
1951	738,600	369,305	27,540	2,420,001	6,110,011	1,693,285	4,340,356 m	13,652	2,250	-	15,715,000
1952	699,734	301,122	10,857	2,041,500	5,989,000	1,449,720	3,790,865 n	12,970	-	-	13,995,768
1953	502,738	211,212	9,945	1,397,249	4,483,055	880,576	2,676,234 o	8,875	-	-	10,169,884
1954	367,751	164,373	15,110	839,153	3,085,312	948,934	2,264,934	5,849	-	-	7,691,416
1955 #	377,622	152,351	31,643	842,613	3,015,005	519,882	1,768,767 p	1,953	-	-	6,709,836
1956	444,199	202,062	45,290	983,114	2,982,331	666,321	2,009,587 q	2,142	-	544	7,305,590
1957	267,133	213,100	39,381	825,397	2,364,390	670,183	1,803,776 r	1,820	-	-	6,185,180
1958	146,841	181,801	32,798	555,748	1,812,300	558,029	1,574,124 s	4,286	600	3,618	4,870,145
1959	88,229	142,597	32,264	602,415	1,370,903	535,469	1,382,621 t	2,950	-	536	4,157,984
1960	77,790	77,423	33,350	531,703	1,274,306	486,175	1,151,822 u	4,500	340	900	3,638,309
1961	79,052	69,179	32,200	438,525	1,139,925	408,027	1,149,644 v	4,176	363	696	3,321,787
1962	79,582	64,902	33,008	299,472	997,943	390,864	1,123,798 w	2,159	368	246	2,992,342
1963	102,359	55,766	38,158	259,189	1,098,611	432,184	1,100,426 x	1,730	-	2,576	3,090,999
1964	68,057	104,052	37,552	250,347	1,057,471	408,207	1,002,987 y	1,624	-	310	2,930,607
1965	35,696	61,212	27,274	166,990	852,831	297,408	811,710 z	2,693	660	360	2,256,834
1966	43,001	37,488	21,965	107,826	729,277	233,246	652,550 aa	2,221	406	30	1,828,158
1967	45,337	64,373	17,150	96,979	675,177	193,816	611,087 bb	3,749	188	-	1,707,856
1968	52,421	39,626	15,786	100,916	520,398	172,550	593,675	3,762	468	-	1,499,602
1969	61,244	43,544	15,673	85,247	452,572	153,040	558,604	4,850	432	-	1,374,906
1970	63,872	33,242	14,232	87,360	464,678	150,070	585,841	8,910	-	-	1,408,205

FORTY-TWO YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	278	225	277	276	270	273	271	121	298	295	271
1930	175	147	184	212	213	265	196	66	115	159	210
1931	176	178	198	185	175	185	185	66	183	198	180
1932	139	161	167	169	154	181	164	96	57	106	160
1933	134	156	191	209	170	211	167	75	192	127	179
1934	174	218	221	235	192	240	195	174	269	270	206
1935	147	135	193	206	181	222	181	143	217	198	187
1936	142	215	159	224	181	213	188	208	171	181	193
1937	169	202	201	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168 a	103	85	163	171
1939	175	164	205	180	190	194	175 b	100	186	144	185
1940	180	194	204	195	183	180	191 c	132	142	142	187
1941	190	184	221	205	196	217	196 d	188	154	159	199
1942	230	235	39	241	259	236	234 e	210	212	219	246
1943	267	267	287	273	277	259	258 f	239	234	*	269
1944	293	292	312	300	304	262	274 g	282	*	*	292
1945	265	267	261	270	274	258	250 h	260	174	*	265
1946	262	234	74	275	278	257	251	217	272	*	266
1947	269	270	139	272	283	269	277	183	255	-	277
1948	272	163	199	279	281	265	250 i	202	188	-	268
1949	197	291	115	224	188	234	216 j	123	260	-	207
1950	220	280	195	235	205	280	250 k	140	280	-	220
1951	193	227	180	250	222	240	241 m	192	250	-	233
1952	213	222	224	240	238	210	215 n	206	-	-	211
1953	168	163	140	164	187	178	177 o	146	-	-	179
1954	148	172	210	119	179	232	178	55	-	-	172
1955 #	172	136	156	171	209	119	175 p	97	-	-	179
1956	198	183	216	223	210	210	205 q	306	-	68	209
1957	141	186	206	192	190	207	189	260	-	-	189
1958	175	171	196	161	188	185	185 s	171	200	201	182
1959	144	167	155	186	163	187	175 t	134	-	134	172
1960	102	133	160	181	212	173	166 u	214	85	90	180
1961	227	166	160	202	222	242	192 v	261	121	116	196
1962	235	168	148	197	219	185	203 w	166	184	41	204
1963	264	152	204	209	237	217	200 x	133	-	184	216
1964	204	190	200	214	233	210	208 y	85	-	62	216
1965	187	188	171	168	223	180	196 z	158	220	120	191
1966	186	237	188	118	213	178	190 aa	148	81	10	190
1967	202	268	191	204	224	224	211 bb	250	37	-	218
1968	265	146	205	240	220	226	225	251	78	-	224
1969	216	283	195	207	218	190	214	186	16	-	213
1970	214	222	200	236	228	205	226	247	-	-	224

Average days worked

FORTY-TWO YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	11	11	7	125	193	38	110	-	1	-	496
1930	11	-	5	108	164	29	123	-	1	3	444
1931	6	4	4	116	151	32	67	1	-	3	384
1932	3	1	8	59	116	13	42	-	-	1	243
1933	3	-	1	59	110	14	43	2	-	-	232
1934	7	4	2	59	114	24	47	1	2	-	260
1935	4	3	7	50	123	16	61	3	-	-	267
1936	4	-	2	50	137	14	34	-	-	-	241
1937	5	6	9	35	102	15	38	1	-	1	212
1938	6	4	5	49	102	13	44	-	-	-	223
1939	7	5	3	46	108	13	27	-	1	-	210
1940	6	2	3	35	93	10	33	-	-	-	182
1941	8	2	2	37	98	7	35	-	-	-	189
1942	4	6	-	35	128	16	36	-	-	-	225
1943	7	5	-	36	103	13	54	-	-	-	218
1944	12	4	1	37	70	15	32	-	-	-	171
1945	6	6	-	27	53	13	32	1	-	-	138
1946	6	6	-	27	79	12	38	1	-	-	169
1947	4	5	-	25	104	13	15	-	-	-	166
1948	5	3	-	19	65	5	34	-	-	-	131
1949	3	1	-	8	60	2	18	-	-	-	92
1950	4	2	-	8	52	9	11	-	-	-	86
1951	4	3	-	13	44	8	22	-	-	-	94
1952	8	5	-	10	37	10	22	-	-	-	92
1953	3	1	-	7	30	3	15	-	-	-	59
1954	1	2	-	7	27	2	8	-	-	-	47
1955 #	5	-	-	5	32	6	12	-	-	-	60
1956	4	-	-	7	23	6	14	-	-	-	54
1957	3	4	1	7	20	6	10	-	-	-	51
1958	-	1	-	2	15	4	9	-	-	-	31
1959	1	2	-	6	24	4	9	-	-	-	46
1960	1	1	-	11	14	3	5	-	-	-	35
1961	1	-	-	1	10	3	4	-	-	-	19
1962	-	-	-	-	11	1	14	-	-	-	26
1963	1	1	-	3	12	4	9	-	-	-	30
1964	-	-	-	1	7	8	8	-	-	-	24
1965	-	2	1	-	2	1	2	-	-	-	8
1966	-	-	-	-	2	-	3	-	-	-	5
1967	-	-	-	-	4	2	3	-	-	-	9
1968	-	-	-	-	2	2	-	-	-	-	4
1969	-	-	-	-	4	1	8	-	-	-	13
1970	-	-	-	-	1	-	3	-	-	-	4

Fatalities

FORTY-TWO YEAR STUDY OF ANTHRACITE, BY COUNTIES #

	YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
	1924	241,347	94,975	159,007	163,139	179,851	189,672	174,893	-	655,000	-	175,963
	1930	159,467	-	173,473	141,786	167,445	232,734	127,425	-	91,296	40,994	154,902
	1931	314,347	216,356	189,069	110,074	157,395	179,024	192,922	75,542	-	52,502	153,946
	1932	607,304	497,966	84,135	108,801	166,621	369,938	249,515	-	-	124,196	203,710
	1933	536,803	-	652,057	187,972	180,559	364,479	238,419	63,051	-	-	213,395
	1934	293,953	229,380	315,918	210,861	188,056	240,296	274,722	189,070	89,618	-	218,458
	1935	425,755	274,934	78,495	208,745	171,213	341,830	176,425	59,711	-	-	192,356
	1936	468,449	-	200,379	223,094	155,504	372,014	362,748	-	-	-	225,162
	1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	99,879	-	102,858	243,869
	1938	324,629	289,478	85,174	172,241	199,664	314,676	222,141	-	-	-	207,487
	1939	359,165	192,869	158,987	199,969	216,460	370,403	366,138	-	124,791	-	244,761
	1940	362,558	513,813	168,519	264,556	243,785	449,946	340,672	-	-	-	283,112
Pro- duc- tion per fatal	1941	300,218	533,736	172,773	242,536	248,127	704,868	337,776	-	-	-	285,408
	1942	699,200	166,354	-	266,983	201,307	330,995	375,568	-	-	-	257,509
	1943	450,120	172,203	-	254,157	233,812	420,242	322,150	-	-	-	277,577
	1944	303,740	286,985	299,349	254,796	354,429	382,896	588,581	-	-	-	374,927
	1945	557,543	186,871	-	299,371	397,609	284,697	522,853	187,007	-	-	405,081
	1946	527,701	242,959	-	335,494	288,236	528,566	495,037	105,862	-	-	366,738
	1947	733,452	301,577	-	341,527	211,452	521,504	1,083,979	-	-	-	350,771
	1948	560,379	559,832	-	453,204	332,182	1,387,468	508,104	-	-	-	451,212
	1949	708,894	1,380,732	-	777,718	266,497	2,600,245	752,121	-	-	-	485,980
	1950	497,079	640,904	-	815,808	329,091	579,034	1,278,772	-	-	-	538,829
	1951	473,509	328,392	-	444,293	338,237	718,746	591,867	-	-	-	450,947
	1952	237,412	152,130	-	530,355	372,296	532,615	589,890	-	-	-	435,512
	1953	520,612	745,649	-	507,949	340,064	1,415,854	676,192	-	-	-	516,871
	1954	1,272,419	284,366	-	414,781	395,377	1,641,657	979,584	-	-	-	566,219
	1955 #	349,938	-	-	518,986	310,040	458,231	671,472	-	-	-	432,247
	1956	436,572	-	-	461,795	424,468	587,476	628,672	-	-	-	521,771
	1957	369,014	212,620	195,499	382,916	419,463	569,269	851,832	-	-	-	493,401
	1958	-	888,009	-	1,047,085	451,602	650,208	811,982	-	-	-	559,886
	1959	518,252	346,112	-	357,971	257,197	637,901	1,061,726	-	-	-	427,622
	1960	519,583	474,234	-	168,455	384,335	804,866	1,386,229	-	-	-	506,318
1961	579,106	-	-	1,194,971	530,795	668,093	1,703,547	-	-	-	868,769	
1962	-	-	-	-	533,688	1,702,891	469,279	-	-	-	634,474	
1963	727,455	445,749	-	321,491	534,365	520,742	720,548	-	-	-	580,373	
1964	-	-	-	879,898	807,129	283,385	747,312	-	-	-	688,529	
1965	-	208,136	196,495	-	2,673,338	1,600,886	2,747,459	-	-	-	1,788,727	
1966	-	-	-	-	2,239,108	-	1,541,344	-	-	-	2,406,275	
1967	-	-	-	-	1,048,071	708,710	1,419,764	-	-	-	1,283,605	
1968	-	-	-	279,229	1,738,032	-	-	-	-	-	2,756,370	
1969	-	-	-	-	840,244	1,309,666	516,748	-	-	-	781,985	
1970	-	-	-	-	2,719,940	-	1,347,778	-	-	-	2,312,002	

FORTY-TWO YEAR STUDY OF ANTHRACITE, BY COUNTIES #

	YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
	1924	8.30	22.05	12.36	12.65	11.29	9.48	10.77	-	2.85	-	11.26
	1930	14.89	-	13.45	14.05	12.62	9.63	18.97	-	18.96	69.03	14.02
	1931	8.21	17.38	11.46	18.45	14.58	15.23	14.11	26.04	-	44.35	15.39
	1932	5.58	6.25	28.96	11.77	15.02	7.13	11.94	-	-	32.02	12.67
	1933	6.58	-	4.10	13.22	14.59	8.32	11.94	36.95	-	-	12.68
	1934	9.25	19.34	8.05	10.96	12.68	12.25	11.47	11.25	37.17	-	11.90
	1935	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21	-	-	14.19
	1936	5.12	-	14.13	11.26	17.02	8.71	9.45	-	-	-	12.58
	1937	6.89	15.84	50.92	9.82	11.75	10.75	11.16	19.04	-	102.94	11.52
	1938	7.66	10.74	28.42	15.49	13.25	9.87	14.48	-	-	-	13.45
	1939	8.52	15.68	16.19	14.26	13.11	8.76	9.35	-	22.91	-	12.19
	1940	7.60	6.21	16.96	10.64	11.68	7.53	10.76	-	-	-	10.72
Fatal- ities per mil- lion man- days	1941	9.45	7.29	15.41	12.08	11.41	4.73	10.73	-	-	-	10.69
	1942	3.92	17.18	-	10.11	12.59	10.42	9.06	-	-	-	10.94
	1943	6.05	14.24	-	10.08	10.40	7.74	11.59	-	-	-	10.19
	1944	8.30	8.00	21.51	9.99	6.83	8.92	6.24	-	-	-	7.50
	1945	4.94	11.49	-	8.78	5.88	8.57	6.69	18.56	-	-	6.82
	1946	4.99	11.84	-	8.16	8.23	7.63	7.34	25.41	-	-	7.88
	1947	3.03	7.98	-	7.39	10.83	7.26	2.66	-	-	-	7.41
	1948	3.97	9.38	-	5.57	6.74	2.90	6.63	-	-	-	6.08
	1949	3.45	1.96	-	3.06	9.12	1.42	4.15	-	-	-	5.62
	1950	4.86	3.80	-	3.15	7.83	4.59	2.18	-	-	-	4.89
	1951	5.42	8.12	-	5.37	7.20	4.72	5.07	-	-	-	5.98
	1952	11.43	16.60	-	4.90	6.18	8.70	5.80	-	-	-	6.57
	1953	5.97	4.73	-	5.01	6.69	3.44	5.60	-	-	-	5.80
	1954	2.72	1.22	-	8.34	8.75	2.11	3.53	-	-	-	6.11
	1955 #	13.24	-	-	5.93	10.61	11.54	6.78	-	-	-	8.94
	1956	9.66	-	-	7.12	7.71	9.00	6.07	-	-	-	7.39
	1957	11.23	18.77	25.39	8.48	8.46	8.95	5.54	-	-	-	8.25
	1958	-	5.50	-	3.60	8.28	7.17	5.72	-	-	-	6.37
	1959	11.33	14.03	-	9.96	17.51	7.47	6.51	-	-	-	11.06
	1960	12.86	12.92	-	20.68	10.99	6.17	4.34	-	-	-	9.62
1961	12.65	-	-	2.28	8.77	7.35	3.47	-	-	-	5.72	
1962	-	-	-	-	11.02	2.56	12.46	-	-	-	8.69	
1963	9.77	17.93	-	11.57	10.92	9.26	8.18	-	-	-	9.71	
1964	-	-	-	3.99	6.62	19.60	7.98	-	-	-	8.19	
1965	-	32.67	36.66	-	2.35	3.36	2.46	-	-	-	3.54	
1966	-	-	-	-	2.74	-	4.60	-	-	-	2.73	
1967	-	-	-	-	5.92	10.13	4.91	-	-	-	5.26	
1968	-	-	-	19.82	3.84	-	-	-	-	-	2.67	
1969	-	-	-	-	8.84	6.53	14.32	-	-	-	9.46	
1970	-	-	-	-	2.15	-	5.12	-	-	-	2.84	

EXPLANATION OF SYMBOLS USED IN THIS REPORT

	a - Includes	6,184 tons	13 employees,	124 days	and 1,612 man-days	for Lebanon County
b -	"	13,927	" 5	" 198	" " 990	" " " "
c -	"	17,330	" 13	" 136	" " 1,773	" " " "
d -	"	30,716	" 26	" 187	" " 4,856	" " " "
e -	"	35,641	" 39	" 118	" " 4,593	" " " "
f -	"	21,981	" 22	" 257	" " 5,654	" " " "
g -	"	21,550	" 14	" 210	" " 2,940	" " " "
h -	"	37,690	" 41	" 241	" " 9,881	" " " "
i -	"	21,982	" 6	" 223	" " 1,338	" " " "
j -	"	21,763	" 7	" 226	" " 1,582	" " " "
k -	"	22,978	" 5	" 267	" " 1,335	" " " "
m -	"	26,567	" 13	" 308	" " 2,020	" " " "
n -	"	24,767	" 11	" 286	" " 2,156	" " " "
o -	"	6,560	" 10	" 46	" " 460	" " " "
p -	"	3,752	" 20	" 120	" " 2,480	" " " "
q -	"	6,359	" 22	" 107	" " 2,358	" " " "
r -	"	3,550	" 5	" 188	" " 940	" " " "
s -	"	9,106	" 6	" 98	" " 588	" " " "
t -	"	4,450	" 6	" 153	" " 910	" " " "
u -	"	2,770	" 3	" 230	" " 690	" " " "
v -	"	13,654	" 5	" 72	" " 360	" " " "
w -	"	13,101	" 7	" 118	" " 824	" " " "
x -	"	26,192	" 15	" 192	" " 2,893	" " " "
y -	"	33,019	" 14	" 124	" " 1,737	" " " "
z -	"	43,000	" 10	" 163	" " 1,630	" " " "
aa -	"	39,237	" 9	" 70	" " 634	" " " "
bb -	"	2,700	" 5	" 18	" " 90	" " " "

NOTE: The year 1924 was selected as a normal year, in order that comparison might be made with the depression years that are a part of this report.

* Not segregated from Lackawanna County.

In 1955, and subsequent years, the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.

ANTHRACITE DIVISION
PRODUCTION OF COAL, EMPLOYES AND FATALS BY COUNTY
1970

County	Mines Employing Five Or More Persons			Mines Employing Fewer Than Five Persons		Percentage of Total Production	Employees By County				Washery and Breaker	Total Employees	Total Fatalities
	Deep Mined Production	Strip Mined Production	Bank Mined Production	Deep Mined Production	Total Production		Large Deep	Small Deep*	Strip	Bank			
Carbon	18,213	252,644	191,377	3,125	465,359	5.03%	16	5	183	76	19	299	-
Columbia	8,401	256,974	111,194	12,686	389,255	4.21%	19	20	107	4	-	150	-
Dauphin	-	-	66,393	19,565	85,958	0.93%	-	27	-	7	37	71	-
Lackawanna	-	292,021	110,049	350	402,420	4.35%	12	4	189	25	140	370	-
Luzerne	570,025	1,334,576	815,339	-	2,719,940	29.41%	843	-	565	144	486	2,038	1
Northumberland	142,414	532,536	290,635	60,245	1,025,830	11.09%	183	112	201	45	190	731	-
Schuylkill	712,049	1,839,945	1,371,720	119,621	4,043,335	43.72%	562	190	845	230	764	2,591	3
Sullivan	-	115,914	-	-	115,914	1.26%	-	-	26	-	10	36	-
Division Total	1,451,102	4,624,610	2,956,707	215,592	9,248,011	100.00%	1,635	358	2,116	531	1,646	6,286	4
Percentage of Total Production	15.69%	50.01%	31.97%	2.33%	100.00%								

ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK), FATALITIES, PRODUCTION PER FATAL AND EMPLOYEES
BY DISTRICT
1970

District	Inspector	Deep Mined	Stripping	Bank	Total Production	Fatalities Deep	Fatalities Strip	Fatalities Bank	Total Fatalities	Production Per Fatal	Total Employees
1	T. M. Beaney	-	1,009,023	-	1,009,023	-	1	-	1	1,009,023	503
2	A. J. Latz	-	1,397,927	-	1,397,927	-	1	-	1	1,397,927	694
3	J. R. Ruane	-	1,137,255	-	1,137,255	-	-	-	-	-	485
4	W. D. Maurer	-	1,080,405	-	1,080,405	-	-	-	-	-	444
5	W. A. Sanders	20,224	-	358,204	378,428	-	-	-	-	-	508
6	A. A. Joyce	533,794	-	112,684	646,478	-	-	-	-	-	808
7	P. P. Hino	23,204	-	1,218,332	1,241,536	-	-	1	1	1,241,536	673
8	L. W. Rogers	73,552	-	203,814	277,366	-	-	-	-	-	213
9	G. P. Gallagher	28,485	-	144,464	172,949	-	-	-	-	-	102
10	Leon Brass	99,184	-	5,003	104,187	-	-	-	-	-	221
11	C. E. Kashner	72,722	-	142,973	215,695	-	-	-	-	-	189
12	J. J. Shober, Jr.	75,836	-	413,780	489,616	-	-	-	-	-	497
13	J. J. Halaburda	143,316	-	197,469	340,785	-	-	-	-	-	271
14	G. R. Sterling	144,984	-	1,870	146,854	1	-	-	1	146,854	177
15	A. E. Hand	225,082	-	-	225,082	-	-	-	-	-	247
16	C. E. Miller	226,311	-	158,114	384,425	-	-	-	-	-	254
Division Total		1,666,694	4,624,610	2,956,707	9,248,011	1	2	1	4	2,312,002	6,286

SUMMARY OF ANTHRACITE MINES, PRODUCTION AND FATALITIES BY DISTRICT
1970

District	Inspector	Total Number Of Operators	No. of Large Deep Mines	No. of Small Deep Mines*	No. of Strip Mines	No. of Banks	Total Number of Operations	No. of Gaseous Mines	No. of Non-Gaseous Mines	No. of Deep Em- ployes*	No. of Strip Em- ployes	No. of Bank Em- ployes	Washery & Total No. of Em- ployes	Deep Mined Production*	Strip Mined Production	Bank Mined Production	Total Production	Fa- tals	Pro- duction Per Fatal
1	T. M. Beaney	10	-	-	31	-	31	-	-	493	-	10	503	-	1,009,023	-	1,009,023	1	1,009,023
2	A. J. Latz	8	-	-	38	-	38	-	-	694	-	-	694	-	1,397,927	-	1,397,927	1	1,397,927
3	J. R. Ruane	22	-	-	56	-	56	-	-	485	-	-	485	-	1,137,255	-	1,137,255	-	-
4	W. D. Maurer	31	-	-	54	-	54	-	-	444	-	-	444	-	1,080,405	-	1,080,405	-	-
5	W. A. Sanders	23	3	1	-	15	18	2	1	163	-	83	262	20,224	-	358,204	-	-	
6	A. A. Joyce	6	4	-	-	5	9	4	-	685	-	27	96	533,794	-	112,684	-	-	
7	P. P. Hino	28	9	7	-	28	37	1	8	29	-	180	464	23,204	-	1,218,332	1	1,241,536	
8	L. W. Rogers	25	21	15	-	5	26	5	16	96	-	14	103	73,552	-	203,814	-	-	
9	G. P. Gallagher	18	11	8	-	4	15	5	6	66	-	19	17	28,485	-	144,464	-	-	
10	Leon Brass	30	23	4	-	3	26	8	15	134	-	12	75	99,184	-	5,003	-	-	
11	C. E. Kashner	31	17	9	-	6	23	3	14	90	-	16	83	72,722	-	142,973	-	-	
12	J. J. Shober, Jr.	38	18	12	-	15	33	3	15	99	-	125	273	75,836	-	413,780	-	-	
13	J. J. Halaburda	44	31	18	-	8	39	7	24	146	-	36	89	143,316	-	197,469	-	-	
14	G. R. Sterling	24	20	8	-	3	23	2	18	125	-	6	46	144,984	-	1,870	1	146,854	
15	A. E. Hand	23	21	7	-	-	21	13	8	166	-	-	81	225,082	-	-	-	-	
16	C. E. Miller	34	31	21	-	5	36	9	22	194	-	13	47	226,311	-	158,114	-	-	
Division Total		395 #	209	120 #	179	97	485	62	147	1,993	2,116	531	1,646	6,286	1,666,694	4,624,610	2,956,707	4	2,312,002

* 120 Small Deep Mines are included in the total number of Deep Mines; 358 Small Deep Employees are included in Deep Employees; 215,592 Small Deep Production is included in Deep Mined Production.
Due to some companies operating in more than one district, the actual total number of Anthracite Operators is 338, including 68 companies operating strip mines.

Production, How Shipped, Average Days Worked, Employees, Explosives
Fatal and Non-fatal Accidents

By Inspection District - 1970

Dis- trict	Production - Net Tons				Total production	Pounds permiss- ible ex- plosives used	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
	Shipped to Market By railroad	By truck	Sold to local trade	Used at colliery for steam and heat							
1	236,601	252,785	517,653	1,984	1,009,023	8,121,650	3,222,155	287	503	1	20
2	726,104	425,945	240,475	5,403	1,397,927	-	12,344,691	225	694	1	38
3	334,976	618,490	182,364	1,425	1,137,255	11,118,746	1,150	247	485	-	32
4	526,947	284,288	266,018	3,152	1,080,405	8,782,704	8,900	225	444	-	27
5	105,138	210,992	60,482	1,816	378,428	22,650	300	197	508	-	20
6	168,700	331,413	146,014	351	646,478	470,700	28,500	226	808	-	100
7	723,028	360,767	155,899	1,842	1,241,536	4,300	-	195	673	1	52
8	23,939	174,884	78,537	6	277,366	21,307	12,350	196	213	-	37
9	13,357	135,738	23,854	-	172,949	22,025	425	174	102	-	3
10	15,563	64,585	24,029	10	104,187	62,750	-	184	221	-	22
11	98,049	93,599	24,047	-	215,695	41,180	-	207	189	-	7
12	179,751	251,756	57,809	300	489,616	42,200	2,300	220	497	-	19
13	101,319	179,707	59,218	541	340,785	144,875	4,575	211	271	-	17
14	19,852	90,367	34,417	2,218	146,854	133,675	100	224	177	1	6
15	41,134	99,746	82,082	2,120	225,082	175,970	-	250	247	-	7
16	104,405	209,226	70,221	573	384,425	156,925	550	242	254	-	14
Total	3,418,863	3,784,288	2,023,119	21,741	9,248,011	29,321,657	15,625,996	224	6,286	4	421

* All figures included in report of Summary of Anthracite Mines, Production and Fatalities
By District.

Dis- trict	Number of Small Mine Operators	Number of Small Mines	Number of Men Employed in Small Mines	Small Mine Production	Fatal Acci- dents	Non- fatal acci- dents	Number of Man- Days
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	1	1	4	350	-	-	468
6	-	-	-	-	-	-	-
7	5	7	9	3,408	-	-	1,108
8	15	15	45	15,722	-	-	5,521
9	9	8	25	12,342	-	1	7,119
10	14	14	42	32,962	-	1	7,250
11	9	9	32	14,066	-	-	5,368
12	12	12	36	18,497	-	1	4,711
13	18	18	54	19,201	-	-	6,310
14	8	8	25	17,209	-	-	3,927
15	7	7	23	32,167	-	-	4,837
16	20	21	63	19,668	-	-	10,130
Total	118	120	358	215,592	-	3	57,349

ANTHRACITE DIVISION
SMALL MINE REPORT - 1970*

ANTHRACITE DIVISION

District	Mechanical Loading			Number of Tons Produced by Mechanical Loading	Number of Employees engaged in this class of work	Electric Motors		Pumps Delivering Water to Surface	
	Number of Scrapers, Conveyors or Shaker Chutes	Number of Under-cutting or Mining Machines	Number of Loading Machines			Total Number	Total Horsepower	Total Number	Number of Gallons delivered per day of 24 hours
1	-	-	-	-	-	13	706	2	14,400,000
2	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	5	2,125	5	8,334,076
5	19	-	-	19,874	20	610	19,348	-	-
6	129	2	4	533,794	282	372	17,279	12	19,292,006
7	7	-	-	22,921	17	812	25,019	9	12,660,932
8	6	-	5	205,344	18	107	4,023	7	2,575,500
9	8	-	6	156,694	31	65	1,155	1	240,000
10	14	-	4	51,131	34	245	4,948	25	180,850
11	8	-	-	16,068	14	259	3,771	18	625,700
12	5	-	2	38,420	16	665	19,215	11	115,700
13	29	-	-	63,021	44	293	4,427	25	845,500
14	15	-	-	59,804	33	189	3,196	17	968,500
15	16	-	8	98,028	30	275	7,079	32	1,464,500
16	4	-	11	204,036	33	237	6,054	22	1,219,500
Total	260	2	40	1,469,135	572	4,147	118,345	186	62,922,764

SUMMARY OF EMPLOYEES BY DISTRICT
ANTHRACITE DIVISION--1970

District	INSIDE EMPLOYEES					OUTSIDE EMPLOYEES					GRAND TOTAL Inside & Outside
	Mine Foreman	Miners	Miners Laborers	All Other	Total Inside	Super-intendents	Office	Breaker	All Other	Total Outside	
1	-	-	-	-	-	17	6	10	470	503	503
2	-	-	-	-	-	40	22	-	632	694	694
3	-	-	-	-	-	26	4	-	455	485	485
4	-	-	-	-	-	32	7	-	405	444	444
5	3	7	15	-	25	17	6	262	198	483	508
6	31	150	180	182	543	8	5	96	156	265	808
7	8	13	4	-	25	10	-	464	174	648	673
8	22	38	10	4	74	5	1	103	30	139	213
9	14	29	2	3	48	7	4	17	26	54	102
10	28	49	11	12	100	11	5	75	30	121	221
11	17	47	4	-	68	7	-	83	31	121	189
12	21	47	2	4	74	15	7	273	128	423	497
13	35	70	5	2	112	8	1	89	61	159	271
14	24	54	16	1	95	3	1	46	32	82	177
15	25	88	2	23	138	3	-	81	25	109	247
16	46	76	20	1	143	12	13	47	39	111	254
Total	274	668	271	232	1,445	221	82	1,646	2,892	4,841	6,286

ANTHRACITE DIVISION
OPERATORS PRODUCING 50,000 OR MORE TONS
1970

District	Operator	Production
3-4-7-9- 11-12-13	Reading Anthracite Co.	1,048,630
1-2-3-5- 7-8-12	Lehigh Valley Anthracite, Inc.	797,347
1-5-6	Blue Coal Corporation	621,482
2-7	Jeddo-Highland Coal Co.	615,548
2	Greenwood Stripping Corporation	573,188
6	Glen-Nan Coal Co., Inc.	389,365
3	Kerris & Helfrick, Inc.	366,378
7	B-D Mining Co.	278,013
4-15-16	Kocher Coal Co., Leon E.	200,399
2-7	George Huss	193,029
9-13-16	Gangloff Brothers	189,563
12-16	Manbeck Dredging Co., Inc.	176,600
1-5	Northwest Mining Co., Inc.	171,543
7	U. G. I. Corporation	165,124
13	Hecla Machine & Equipment Co.	151,301
4-13	Schuykill Contracting Co.	114,908
1	Raymond Colliery Co.	105,716
6	Ken Pollock, Inc.	87,279
12	William Schrickram	84,907
1	S. B. P. Coal Co.	76,880
2-7	Honeybrook Mines, Inc.	74,575
3-10	Rosini Coal Co.	68,164
5	C. B. M. Coal Co.	66,581
13	Keim Coal Co., Ralph	66,235
12	Mar Strip & Excavating Co.	64,175
5	Popple Coal Sales, Raymond	63,807
7	Coleby Coal Co., Inc.	62,546
2-7	Gowen Coal Co.	58,313
2-3	Brook Contracting Corporation	53,048
5	Olyphant Premium Anthracite, Inc.	52,451
4-13	Swatara Coal Co.	50,506

PRODUCTION AND ACCIDENT RECORD
FOR OPERATORS HAVING A FATALITY
1970

Operator	Deep Mined	Stripping	Bank	Total Production	Deep Strip	Fatal Accidents	Total	Nonfatal Accidents	Production Per Fatal	Employees
Lehigh Valley Anthracite, Inc.	-	567,607	229,740	797,347	-	1	1	81	797,347	871
Greenwood Stripping Corporation	-	573,188	-	573,188	-	1	1	22	573,188	338
Honeybrook Mines, Inc.	-	4,716	69,829	74,575	-	-	1	1	74,575	36
Mercury Coal Co.	22,965	-	-	22,965	1	-	1	1	22,965	19
Total Production for Operators with a fatality	22,965	1,145,511	299,569	1,468,075	1	2	4	105	1,468,075	1,264
Total Production for Operators without a fatality	1,643,729	3,479,069	2,657,138	7,779,936	-	-	-	316	-	5,022
Division Total	1,666,694	4,624,610	2,956,707	9,248,011	1	2	4	421	2,312,002	6,286

CAUSES OF ANTHRACITE FATAL ACCIDENTS, BY COUNTY -- 1970

	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	TOTAL	Percentage of Total Accidents
<u>INSIDE</u>										
Blast	-	-	-	-	-	-	1	-	1	25.00%
Total Inside	-	-	-	-	-	-	1	-	1	25.00%
<u>OUTSIDE</u>										
Transportation	-	-	-	-	-	-	1	-	1	25.00%
Electrocution	-	-	-	-	1	-	-	-	1	25.00%
Machinery	-	-	-	-	-	-	1	-	1	25.00%
Total Outside	-	-	-	-	1	-	2	-	3	75.00%
GRAND TOTAL	-	-	-	-	1	-	3	-	4	100.00%
Percentage of total accidents	-	-	-	-	25.00%	-	75.00%	-	100.00%	

ANTHRACITE FATAL ACCIDENT VICTIMS -- 1970

Dis- trict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
7	Daniel J. Houston	Sheppton	Honeybrook Mines, Inc.	Honeybrook Breaker	Jan. 20	Transportation (Outside)
1	Harold Jenkins	Edwardsville	Lehigh Valley Anthracite, Inc.	Baltimore Strip	May 27	Stripping (Electrocution)
14	Carlos L. Hoffman	Hegins	Mercury Coal Co., Inc.	No. 4 Drift	June 2	Blast (Inside)
2	Edward Zigmont	Tamaqua	Greenwood Stripping Corp.	Greenwood Strip	Nov. 5	Stripping (Machinery)

ANTHRACITE DIVISION
ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED

1847--1970

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1847	Feb.	Spencer	Spencer Coal Co.	Pottsville	Explosion of gas	7
1869	Sep. 6	Avondale	Delaware, Lackawanna & Western Railroad Co.	Plymouth	Mine fire	110
1870	Mar. 22	Potts	Locust Dale Coal Co.	Locust Dale	Boiler Explosion	5
	Aug. 10	Heins & Glassmire	Heins & Glassmire	Middleport	Cage fell down shaft	9
	Aug. 29	Preston #3	Preston Coal & Improvement Co.	Girardville	Car fell down slope	7
1871	May 27	West Pittston	Lehigh Valley Railroad Co.	West Pittston	Suffocated by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Cain, Hacker & Cook	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Langdon & Co., R.	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Wadesville Shaft Colliery	Wadesville	Explosion of gas	7
1878	Jan. 15	Potts	Philadelphia & Reading Coal & Iron Co.	Locust Dale	Explosion of gas	5
1879	May 6	Audenried	Lehigh & Wilkes-Barre Coal Co.	Audenried	Explosion of gas	6
	Nov. 2	Mill Creek	D. & H. Canal Co.	Mill Creek	Explosion of gas	5
1880	May 3	Lykens Valley	Short Mountain & Lehigh Valley Coal Co.	Shamokin	Explosion of gas	5
1882	May 24	Kohinoor	Heckscher & Co., R.	Shenandoah	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Philadelphia & Reading Coal & Iron Co.	Shamokin	Mine fire	7
1885	Apr. 6	Cuyler	Heaton & Co., S. M.	Raven Run	Fall of roof	10
	Aug. 11	West End	West End Coal Co.	Mocanaqua	Suffocated by gas from boiler fire	10
	Oct. 21	Plymouth No. 2	D. & H. Coal Co.	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke No. 1	Susquehanna Coal Co.	Nanticoke	Inrush of quicksand	26
1886	Aug. 30	Fair Lawn	Fair Lawn Coal Co.	Scranton	Explosion of gas	6
	Sep. 13	Marvine	D. & H. Coal Co.	Scranton	Suffocated by gas	8
	Nov. 26	Corynghan	D. & H. Coal Co.	Wilkes-Barre	Explosion of gas	12
1887	Apr. 27	Tunnel	Philadelphia & Reading Coal & Iron Co.	Ashland	Suffocated by gas	5
	Oct. 1	Bast	Philadelphia & Reading Coal & Iron Co.	Big Mine Run	Explosion of gas	5
1889	May 9	Kaska, William	L. C. & N. Co.	Middleport	Car fell on cage in shaft	10
1890	Feb. 1	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	8
	Mar. 3	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	8
	Apr. 2	Susquehanna No. 4	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	May 15	Jersey No. 8	Lehigh & Wilkes-Barre Coal Co.	Ashley	Explosion of gas	26
1891	Feb. 4	Spring Mountain No. 1	Spring Mountain Coal Co.	Jeanesville	Drowned-water from old workings	13
	Oct. 23	Richardson	Philadelphia & Reading Coal & Iron Co.	Glen Carbon	Suffocated by gas	7
	Nov. 8	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	12
1892	Apr. 20	Lytle	Lytle Coal Co.	Minersville	Drowned-water from old workings	10
	July 23	York Farm	Lehigh Valley Coal Co.	Pottsville	Explosion of gas	15

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1970

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1893	Apr.	Neilson	Langdon & Co., Inc., A. L.	Shamokin	Mine fire	10
	July 22	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	Sep. 21	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylord	Kingston Coal Co.	Plymouth	Fall of roof	13
	July 17	East Sugar Loaf	Linderman & Skeer	Stockton	Explosion of powder & dynamite	8
	Oct. 8	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Mine fire	5
	Oct. 11	Henry Clay	Philadelphia & Reading Coal & Iron Co.	Shamokin	Boiler explosion	6
1895	Feb. 18	West Bear Ridge	Philadelphia & Reading Coal & Iron Co.	Mahanoy Plane	Explosion of gas	5
	Oct. 7	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	7
1896	June 28	Twin	Newton Coal Co.	Pittston	Fall of roof	58
	Oct. 29	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
1897	Jan. 13	Wadesville	Philadelphia & Reading Coal & Iron Co.	Wadesville	Explosion of gas	6
	Sep. 28	Jermyn No. 1	Jermyn & Co.	Rendham	Crosshead fell down shaft	5
	Oct. 30	Von Storch	D. & H. Coal Co.	Scranton	Mine fire	5
1898	May 26	Kaska, William	Dodson Coal Co.	Middleport	Mine fire	6
	Oct. 1	Midvale	Lehigh Valley Coal Co.	Wilkes-Barre	Drowned-water from old workings	6
	Nov. 5	Eketer	Lehigh Valley Coal Co.	West Pittston	Mine fire	5
1900	Nov. 9	Buck Mountain	Mill Creek Coal Co.	Scranton	Car fell on cage in shaft	9
1901	Oct. 25	Buttonwood	Parrish Coal Co.	Mahanoy City	Explosion of gas	7
1902	Nov. 29	Luke Fidler	Mineral Railroad & Mining Co.	Plymouth	Explosion of gas	6
	Dec. 9	S. Wilkes-Barre	Lehigh & Wilkes-Barre Coal Co.	Shamokin	Explosion of gas	7
1904	Jan. 30	Maple Hill	Philadelphia & Reading Coal & Iron Co.	Wilkes-Barre	Explosion of powder & dynamite	5
	May 5	Lance	Lehigh & Wilkes-Barre Coal Co.	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Locust Gap	Philadelphia & Reading Coal & Iron Co.	Plymouth	Explosion of powder & dynamite	5
	May 25	Williamstown	Summit Branch Mining Co.	Locust Gap	Mine fire	5
	Nov. 2	Auchincloss	Delaware, Lackawanna & Western Railroad Co.	Williamstown	Suffocated by gas from mine locomotive	10
1905	Feb. 18	Lytle	Delaware, Lackawanna & Western Railroad Co.	Nanticoke	Falling down shaft	10
	Mar. 9	Clear Spring	Lytle Coal Co.	Minersville	Fall of roof	5
	Apr. 26	Corynghan	Clear Spring Coal Co.	West Pittston	Falling down shaft	7
1906	May 15	Shenandoah City	D. & H. Coal Co.	Wilkes-Barre	Falling down shaft	10
	Aug. 6	Susquehanna No. 7	Philadelphia & Reading Coal & Iron Co.	Shenandoah	Explosion of powder & dynamite	7
1907	Mar. 2	Holden	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	6
1908	June 18	Johnson No. 1	Delaware, Lackawanna & Western Railroad Co.	Taylor	Explosion of gas	7
	May 12	Mount Lookout	Scranton Coal Co.	Priceburg	Explosion of gas	7
	May 13	Prospect	Temple Iron Co.	Wyoming	Explosion of gas	12
	July 15	Williamstown	Lehigh Valley Coal Co.	Midvale	Fall of roof	5
	Aug. 28	Warrior Run	Summit Branch Mining Co.	Williamstown	Fall of roof	5
			Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	6
					Mine cars	6

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1970

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1909	Mar. 2	Pennsylvania No. 14	Pennsylvania Coal Co.	Pittston	Explosion of gas	8
	Nov. 9	Auchincloss	Glen Alden Coal Co.	Nanticoke	Mine fire	9
1910	Jan. 11	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 12	S. Wilkes-Barre No. 5	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	7
1911	Apr. 7	Pancoast	Price-Pancoast Coal Co.	Throop	Mine fire	72
	May 10	Plymouth No. 5	Delaware & Hudson Co.	Dorranctown	Suffocated by gas from under ground fire	5
	May 27	Cameron	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	5
	Sep. 12	Marvine	Delaware & Hudson Co.	Scranton	Mine cars	5
	Oct. 3	Drifton No. 2	Coxe Bros. Co., Inc.	Freeland	Cave-in	5
1912	Jan. 9	Parrish	Parrish Coal Co.	Plymouth	Explosion of gas	6
1913	Aug. 2	East Brookside	Philadelphia & Reading Coal & Iron Co.	Tower City	Explosion of gas	20
1914	May 29	Maryd	Maryd Coal Co.	Maryd	Overwinding of cage	6
	Sep. 16	Lehigh No. 4	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	7
	Dec. 9	Diamond	Delaware, Lackawanna & Western Railroad Co.	Scranton	Falling down shaft	13
1915	Feb. 17	Prospect	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	13
1916	Feb. 8	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 9	Hollenback No. 2	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
	Aug. 8	Woodward	Delaware, Lackawanna & Western Railroad Co.	Edwardsville	Explosion of gas	6
1919	June 5	Baltimore Tunnel	Hudson Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	92
	July 8	Lansford	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	8
	Mar. 9	Rahn	Lehigh Coal & Navigation Co.	Seek	Explosion of gas	5
1921	Nov. 3	Eddy Creek	Hudson Coal Co.	Scranton	Premature blast	6
1922	Nov. 3	Alliance	Alliance Coal Mining Co.	Middleport	Explosion of gas	5
1923	Feb. 21	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
	June 26	Mount Jessup No. 2	Mount Jessup Coal Co.	Jessup	Fall of Roof	5
	Dec. 8	Loomis	Glen Alden Coal Co.	Nanticoke	Explosion of gas	14
1924	June 6	Woodward	Glen Alden Coal Co.	Edwardsville	Explosion of gas	7
1925	May 22	Dorrance	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	10
	Aug. 3	Randolph	Lehigh Valley Coal Co.	Port Carbon	Explosion of gas	5
1926	May 6	Pettebone	So. Penn Collieries Co.	Kingston	Explosion of gas	7
	July 3	Susquehanna No. 7	Glen Alden Coal Co.	Nanticoke	Explosion of gas	9
	Oct. 30	Woodward	Susquehanna Collieries Co.	Edwardsville	Fall of roof, followed by an explosion of gas	7
	May 26		Glen Alden Coal Co.	Edwardsville	Explosion of gas	10
1928	May 25	Baltimore No. 5	Hudson Coal Co.	Wilkes-Barre	Explosion of gas	8
1930	Aug. 8	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Fall of roof	5
1931	May 29	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	13
1935	Jan. 21	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Explosion of gas	13
	May 7	S. Wilkes-Barre	Glen Alden Coal Co.	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1970

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1936	Aug. 24	Clear Spring	Sullivan Trail Coal Co.	West Pittston	Explosion of gas	5
1938	Apr. 27	St. Clair	St. Clair Coal Co.	St. Clair	Explosion of gas	8
	June 2	Volpe	Volpe Mining Co.	Pittstown Twp.	Explosion of gas	10
1943	Sep. 24	Primrose	M. & S. Coal Co.	Minersville	Explosion of gas	14
1947	Jan. 15	Nottingham	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	15
	Apr. 10	Schooley	Knox Coal Co.	Exeter Borc.	Explosion of gas	10
	Dec. 11	Franklin	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	8
1951	Mar. 29	Buttonwood	Glen Alden Coal Co.	Hanover Twp.	Explosion of gas	5
1952	Mar. 27	Holmes Slope	Cano & Martin, Inc.	Forrestville	Drown - blast blew through to old workings	5
1959	Jan. 22	Ewen	Knox Coal Co.	Port Griffith	Drown - river broke into mine	12

ANTHRACITE DIVISION
COUNTY--DISTRICT CROSS REFERENCE LIST

1970

<u>County</u>	<u>Mine Inspection District</u>
Carbon	2, 7, 12
Columbia	2, 3, 8, 9
Dauphin	15, 16
Lackawanna	1, 5
Luzerne	1, 2, 5, 6, 7
Northumberland	3, 8, 9, 10, 11
Schuylkill	2, 3, 4, 7, 8, 9, 12, 13, 14, 15, 16
Sullivan	1, 5

PRODUCTION TABLE

		District 1 Production - net tons				Pounds							
		Shipped to market	Sold to colliery	Used at local for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents		
Operators and Collieries	County	By railroad	By truck	By local trade									
Barca Coal & Land Co., Inc.													
Booth	Permit No. 151-1	Sullivan	-	14,812	-	-	14,812 a	-	-	199	5	-	-
Bliss Brothers Coal Co.													
Bernice	Permit No. 35-4	Sullivan	-	-	24,222	-	24,222	97,000	2,000	297	6	-	1
Bliss Crushing Plant		Sullivan	-	-	-	-	-	-	-	297	2	-	-
Total			-	-	24,222	-	24,222 b	97,000	2,000		8	-	1
Blue Coal Corporation													
Wanamie	Permit No. 30-6	Luzerne	6,512	3,530	8,888	23	18,953	49,964	59,304	292	8	-	-
Wanamie	Permit No. 30-21	Luzerne	5,858	3,176	7,996	19	17,049	18,485	37,200	290	8	-	-
Wanamie	Permit No. 30-23	Luzerne	7,742	4,197	10,567	31	22,537	31,551	58,596	296	14	-	-
No. 21 1/2 Slope	Permit No. 30-38	Luzerne	5,535	3,001	7,555	19	16,110	28,998	48,330	294	7	-	-
Wanamie	Permit No. 30-47	Luzerne	21,843	11,842	29,815	110	63,610	1,145,988	11,094	278	6	-	3
Sugar Notch	Permit No. 30-48	Luzerne	2,637	1,430	3,600	18	7,685	138,452	1,340	101	*	-	1
Loree	Permit No. 30-51	Luzerne	3,334	1,808	4,551	17	9,710	174,933	1,694	201	*	-	-
Sugar Notch	Permit No. 30-55	Luzerne	9,782	5,304	13,353	33	28,472	512,917	4,966	304	3	-	1
Wanamie	Permit No. 30-63	Luzerne	8,310	4,506	11,344	15	24,175	435,533	4,216	178	*	-	2
Sugar Notch	Permit No. 30-64	Luzerne	5,546	3,007	7,571	28	16,152	290,992	2,817	195	*	-	-
Loomis	Permit No. 30-66	Luzerne	10,845	5,880	14,803	38	31,566	112,750	9,920	261	13	-	-
Stearns	Permit No. 30-67	Luzerne	24,002	13,014	32,762	88	69,866	1,258,695	12,185	304	35	-	-
Middle Road	Permit No. 30-68	Luzerne	7,643	4,144	10,432	33	22,252	210,000	4,000	220	*	-	-
Wanamie	Permit No. 30-70	Luzerne	4,915	2,665	6,708	19	14,307	257,753	2,495	75	31	-	-
Sugar Notch	Permit No. 30-72	Luzerne	3,443	1,867	4,699	14	10,023	17,702	26,670	290	5	-	-
Bliss-Alden	Permit No. 30-73)	Luzerne	31,921	17,308	43,573	77	92,879	1,673,293	16,199	213	72	-	1
Askam Shaft	Permit No. 30-75	Luzerne	2,523	1,368	3,445	10	7,346	30,000	1,000	77	10	-	-
Hanover Shopping Mall		Luzerne	564	306	770	4	1,644	29,618	288	-	-	-	-
Total			162,955	88,353	222,432	596	474,336 c	6,417,654	302,314		212	-	8
Carbondale Coal Co.													
Mine Fire	Permit No. 64-1	Lackawanna	854	1,270	2,312	1	4,437	28,300	2,000	298	13	-	-
Federal Mine Fire Project		Lackawanna	324	699	940	-	1,963	-	-	-	-	-	-
No. 2 Cleaning Plant		Lackawanna	-	-	-	-	-	-	-	250	7	-	-
Total			1,178	1,969	3,252	1	6,400 d	28,300	2,000		20	-	-
Coalbrook Sales Company													
Cedar Ave. Fire Project		Lackawanna	148	306	535	-	989 e	-	-	-	-	-	-
Kaminski Brothers, Inc.													
New Boston	Permit No. 24-5	Luzerne	-	-	862	-	862 f	-	-	-	-	-	-
Lehigh Valley Anthracite, Inc.													
Baltimore	Permit No. 16-2	Luzerne	12,299	33,299	14,869	705	61,172	-	2,140,240	356	46	1	10
Baltimore No. 2	Permit No. 16-21	Luzerne	11,467	31,047	13,863	657	57,034	-	147,840	357	20	-	1
Total			23,766	64,346	28,732	1,362	118,206 g	-	2,288,080		66	1	11

		District 1				Production - net tons		Pounds				Non-	
Operators and Collieries		County	Shipped to market	Sold to local	Used at colliery for steam and heat	Total production	permissible explosives used	dynamite used	Days worked	Empl- oyes	acci- dents	fatal acci- dents	
			By railroad	By truck	to trade								
No. 1 Contracting Co.													
South Cross Valley Highway		Luzerne	2,033	1,102	2,775	4	5,914	106,546	1,031	-	-	-	
Swoyersville Fire Project		Luzerne	602	199	968	1	1,770	-	-	-	-	-	
Total			2,635	1,301	3,743	5	7,684 h	106,546	1,031	-	-	-	
Northwest Mining Co., Inc.													
Edgerton Permit No. 81-6		Lackawanna	14,202	31,246	52,874	-	98,322	508,050	36,400	298	35	-	
Powderly Permit No. 81-7		Lackawanna	696	1,511	2,559	-	4,766	1,050	750	271	4	-	
Greenfield Road Permit No. 81-8		Lackawanna	1,521	3,278	5,501	-	10,300	53,750	3,850	159	20	-	
Murrin Permit No. 81-9		Lackawanna	5,941	7,090	13,511	6	26,548	141,500	10,150	297	20	-	
No. 8 Tunnel Permit No. 81-10		Lackawanna	3,911	7,209	12,607	3	23,730	123,100	8,850	298	20	-	
Total			26,271	50,334	87,052	9	163,666 i	827,450	60,000	99	-	-	
Pasternak Brothers													
Ontario No. 2 Permit No. 21-2		Lackawanna	-	-	15,250	-	15,250 j	90,000	4,000	210	4	-	
Raymond Colliery Co.													
Owego Permit No. 149-1		Lackawanna	19,267	31,364	55,074	11	105,716 k	554,700	39,750	297	73	-	
S. B. P. Coal Co.													
Louise No. 1 Permit No. 147-1		Sullivan	381	-	76,499	-	76,880	-	522,380	260	15	-	
S.B.P. Crushing Plant		Sullivan	-	-	-	-	-	-	-	260	1	-	
Total			381	-	76,499	-	76,880 l	-	522,380	16	-	-	
District Total			236,601	252,785	517,653	1,984	1,009,023	8,121,650	3,221,555	287	503	1 20	

NOTE: (a) All coal prepared at Booth Breaker - District 5. (h) 5,914 tons prepared at Huber Breaker - District 5
 (b) All coal prepared at Bliss Crushing Plant. (i) 1,770 tons prepared at Harry E. Breaker - District 5
 (c) All coal prepared at Huber Breaker - District 5. (j) 44,443 tons prepared at Taylor Breaker - District 5
 (d) 1,172 tons prepared at Huber Breaker - District 5 (k) 107,147 tons prepared at Raymond Breaker - District 5
 4,182 tons prepared at Taylor Breaker - District 5 (l) 12,076 tons prepared at Huber Breaker - District 5
 1,046 tons prepared at Raymond Breaker - District 5 (m) All coal prepared at Ace Anthracite Breaker - District 5.
 (e) All coal prepared at Taylor Breaker - District 5. (n) 1,805 tons prepared at Olyphant Breaker - District 5
 (f) Stock coal mined during 1969 prepared at Kassa Breaker - District 5. (o) 18,002 tons prepared at Huber Breaker - District 5
 (g) All coal prepared at Harry E. Breaker - District 5. (p) 66,354 tons prepared at Taylor Breaker - District 5
 * Workmen transferred to other operations of the same company. (q) 19,555 tons prepared at Raymond Breaker - District 5
 (r) All coal prepared at S.B.P. Crushing Plant - District 1

		District 2										
Brook Contracting Corporation		County										
Oneida Permit No. 86-1		Schuylkill	37	21	119	-	177 a*	-	-	303	2	-
Oneida No. 2 Permit No. 86-2		Schuylkill	4,690	2,438	14,172	2	21,302 b	-	300,000	267	18	-

		District 2 Production - net tons				Pounds							
		Shipped to market	Sold to local trade	Used at colliery for steam and heat	Total production	permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents		
Operators and Collieries	County	By railroad	By truck										
Brook Contracting Corporation (Continued)													
Stockton Basin	Permit No. 86-3	Luzerne	1,771	983	5,653	2	8,409 c	-	4,000	293	11	-	-
Oneida No. 3	Permit No. 85-4	Schuylkill	-	-	-	-	- *	-	-	97	2	-	-
Humboldt	Permit No. 86-5	Luzerne	3,298	1,783	10,264	2	15,347 d	-	93,500	324	20	-	-
Oneida No. 2 Buck	Permit No. 86-6	Schuylkill	1,058	563	3,373	1	4,995 e	-	55,700	55	21	-	-
	Total		10,854	5,788	33,581	7	50,230	-	453,200		74	-	-
Gowen Coal Co.													
Gowen Mammoth	Permit No. 38-1	Schuylkill	32,423	-	19,879	-	52,302	-	95,000	199	22	-	2
Gowen Buck Mountain	Permit No. 38-6	Columbia	-	-	-	-	- *	-	-	251	1	-	-
Derringer Buck Mt.	Permit No. 38-7	Luzerne	3,419	-	2,096	-	5,515	-	5,000	216	10	-	-
Buck Mountain No. 4	Permit No. 38-8	Luzerne	307	-	189	-	496 **	-	-	35	5	-	-
	Total		36,149	-	22,164	-	58,313 f	-	100,000		38	-	2
Greenwood Stripping Corporation													
Greenwood Mammoth	Permit No. 33-1	Schuylkill	182,219	85,057	28,747	342	296,365	-	611,860	210	128	1	16
Primrose Pencil	Permit No. 33-2	Carbon	-	-	-	-	- **	-	-	41	1	-	-
Orchard C. B.	Permit No. 33-4	Carbon	33,239	15,487	5,234	-	53,960	-	432,160	246	30	-	3
Loomis Mammoth	Permit No. 33-9	Schuylkill	19,783	9,217	3,116	-	32,116 **	-	33,000	260	16	-	1
Wildip Orchard	Permit No. 33-10	Carbon	7,524	3,506	1,184	-	12,214	-	8,400	185	11	-	1
Wildip Primrose	Permit No. 33-12	Carbon	2,648	1,234	416	-	4,298	-	-	84	10	-	1
26-L & 27-L Primrose	Permit No. 33-15	Carbon	-	-	-	-	- *	-	-	68	1	-	-
Primrose C.B.	Permit No. 33-23	Carbon	22,033	10,266	3,469	-	35,768	-	125,280	277	23	-	-
48-N-2 Primrose	Permit No. 33-24	Carbon	22,029	10,264	3,469	-	35,762	-	242,420	193	26	-	-
Primrose S.B. Spoon	Permit No. 33-26	Carbon	3,472	1,618	546	-	5,636	-	10,220	144	15	-	-
4-L-2 Mammoth	Permit No. 33-27	Carbon	7,688	3,582	1,210	-	12,480	-	12,000	144	10	-	-
44-N-2 Mammoth S.B.	Permit No. 33-29	Carbon	48,078	22,400	7,570	-	78,048	-	390,800	286	41	-	-
62-N Buck Mountain	Permit No. 33-30	Carbon	1,234	575	194	-	2,003	-	26,010	19	12	-	-
38-C & 39-C Primrose	Permit No. 33-31	Schuylkill	2,795	1,302	441	-	4,538	-	31,000	17	14	-	-
	Total		352,742	164,508	55,596	342	573,188 g	-	1,923,150		338	1	22
Honeybrook Mines, Inc.													
Lykens & Buck Mt.	Permit No. 53-6	Luzerne	949	379	3,418	-	4,746 h	-	-	167	2	-	-
Huss, George													
E-30 Buck Mountain	Permit No. 57-5	Luzerne	2,799	879	1,452	7	5,137 **	-	22,509	192	2	-	-
Buck Mountain	Permit No. 57-8	Luzerne	4,318	1,354	2,239	10	7,921	-	29,261	141	3	-	-
Buck Mountain	Permit No. 57-13	Luzerne	11,412	3,580	5,920	27	20,939 **	-	316,218	113	12	-	-
Buck Mountain	Permit No. 57-14	Luzerne	40,292	12,642	20,900	96	73,930 **	-	1,010,800	161	22	-	-
Buck Mountain	Permit No. 57-15	Luzerne	26,266	8,241	13,624	63	48,194	-	584,122	82	15	-	-
Buck Mountain No.2	Permit No. 57-16	Luzerne	921	289	478	2	1,690 **	-	31,458	20	2	-	-
Buck Mountain No.3	Permit No. 57-17	Luzerne	1,002	315	520	3	1,840	-	39,614	16	2	-	-
	Total		87,010	27,303	45,133	208	159,651 i	-	2,033,982		58	-	-

				<u>District 2</u>									
				Production - net tons									
				Shipped to market		Used at colliery		Pounds permissible explosives used				Fatal accidents	
				By railroad	By truck	local trade	for steam and heat	Total production		dynamite used	Days worked	Empl-oves	fatal acci-dents
Operators and Collieries		County											
Jeddo-Highland Coal Co.													
J-41	Permit No. 22-8	Luzerne	103,433	112,225	31,779	2,299	249,736 j	-	4,237,055	327	93	-	11
J-43	Permit No. 22-8	Luzerne	114,810	98,533	34,153	2,160	249,656 k	-	3,443,685	355	62	-	3
Total			218,243	210,758	65,932	4,459	499,392	-	7,680,740		155	-	14
Kassa Coal Co.													
Beaver Meadow No. 2	Permit No. 44-1	Carbon	3,006	-	9,442	27	12,475 l	-	24,000	302	3	-	-
Lehigh Valley Anthracite, Inc.													
Stockton Basin	Permit No. 16-8	Luzerne	6,986	8,178	2,172	164	17,500 m	-	19,743	93	12	-	-
Lattimer	Permit No. 16-19	Luzerne	992	1,162	308	23	2,485 m**	-	-	84	4	-	-
Lattimer	Permit No. 16-20	Luzerne	9,173	7,872	2,729	173	19,947 n	-	109,876	220	10	-	-
Total			17,151	17,212	5,209	360	39,932	-	129,619		26	-	-
District Total			726,104	425,945	240,475	5,403	1,397,927	-	12,344,691	225	694	1	38

NOTE: (a) All coal prepared at Blaschak Breaker - District 7.
 (b) 20,318 tons prepared at Blaschak Breaker - District 7
 496 tons prepared at Gowen Breaker - District 7
 488 tons prepared at Kassa Breaker - District 5
 (c) 8,198 tons prepared at Blaschak Breaker - District 7
 211 tons prepared at Kassa Breaker - District 5
 (d) 14,863 tons prepared at Blaschak Breaker - District 7
 162 tons prepared at Gowen Breaker - District 7
 322 tons prepared at Kassa Breaker - District 5
 (e) 4,692 tons prepared at Blaschak Breaker - District 7
 303 tons prepared at Kassa Breaker - District 5
 * Backfilling

(f) All coal prepared at Gowen Breaker - District 7.
 (g) All coal prepared at Greenwood Breaker - District 12.
 (h) All coal prepared at Honeybrook Breaker - District 7.
 (i) All coal prepared at Buckley Breaker - District 7.
 (j) 188,177 tons prepared at Jeddo No. 7 Breaker - District 7
 61,559 tons prepared at Hazleton Shaft Breaker - District 7
 (k) 249,590 tons prepared at Jeddo No. 7 Breaker - District 7
 66 tons prepared at Hazleton Shaft Breaker - District 7
 (l) All coal prepared at Kassa Breaker - District 5.
 (m) All coal prepared at Hazleton Shaft Breaker - District 7.
 (n) All coal prepared at Jeddo No. 7 Breaker - District 7.
 ** Discontinued operations in 1970

				<u>District 3</u>									
Brook Contracting Corporation													
Lost Creek	Permit No. 86-7	Schuylkill	-	2,818	-	-	2,818 a	-	-	95	4	-	-
Buck Coal Co.													
Aristes	Permit No. 49-1	Columbia	-	4,009	-	-	4,009 b	-	350	252	2	-	-
Capparell Stripping & Construction Co., Inc.													
Locust Mountain	Permit No. 19-2	Schuylkill	-	558	-	-	558	21,750	-	15	16	-	-
East Bear Ridge	Permit No. 19-3	Schuylkill	-	3,764	-	-	3,764	-	-	58	12	-	-
Total			-	4,322	-	-	4,322 c	21,750	-	28	-	-	-
Conyngham Contracting Co.													
Locust Gap No. 1	Permit No. 91-11	Northumberland	-	2,512	-	-	2,512	25,000	-	116	24)	-	-

		District 3				Production - net tons		Pounds				
		Shipped to market		Used at		Total	permissible explosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
Operators and Collieries	County	By railroad	By truck	to local trade	for steam and heat	production						
Corrynham Contracting Co. (Continued)												
Locust Gap No. 2	Permit No. 91-12	Northumberland	-	10,972	-	-	10,972	12,000	-	120)	-
Locust Gap No. 3	Permit No. 91-13	Northumberland	-	838	-	-	838	-	-	49)	-
Locust Gap No. 4	Permit No. 91-14	Northumberland	-	4,006	-	-	4,006	-	-	157)	-
Locust Gap No. 5	Permit No. 91-15	Northumberland	-	7,059	-	-	7,059	-	-	121)	-
Total			-	25,387	-	-	25,387 d	37,000	-		24	-
Folger & Chapleski												
Excelsior	Permit No. 119-2	Northumberland	-	2,592	-	-	2,592	8,000	-	212	2	-
Enterprise	Permit No. 119-3	Northumberland	-	1,985	-	-	1,985	2,000	-	85	2	-
Total			-	4,577	-	-	4,577 e	10,000	-		4	-
Glenn Brass Coal Co.												
West Cameron	Permit No. 106-6	Northumberland	-	4,600	-	-	4,600 f	-	-	185	2	-
Glosek Brothers Coal Sales, Inc.												
Katherine No. 2	Permit No. 45-12	Northumberland	-	11,295	-	-	11,295 f	7,950	-	248	6	-
Howells & Olaf												
Marion Heights	Permit No. 4-10	Northumberland	-	5,077	-	-	5,077	-	-	135	2)	-
Kulpmont No. 1	Permit No. 4-11	Northumberland	-	822	-	-	822	-	-	42)	-
Total			-	5,899	-	-	5,899 g	-	-		2	-
Jete Coal Co.												
Richards	Permit No. 3-8	Northumberland	-	950	-	-	950	-	-	81	4)	-
Green Ridge	Permit No. 3-9	Northumberland	-	1,650	-	-	1,650	-	-	150)	-
Total			-	2,600	-	-	2,600 h	-	-		4	-
Kerris & Helfrick, Inc.												
Morris Ridge	Permit No. 7-1	Columbia	-	-	-	-	-	78,000	-	110	10	-
Sayre N. D.	Permit No. 7-20	Columbia	-	39,783	-	-	39,783	110,000	-	124	14	-
Sayre S. D.	Permit No. 7-21	Columbia	-	26,453	-	-	26,453	74,000	-	104	8	-
Excelsior No. 2	Permit No. 7-23	Northumberland	-	57,360	-	-	57,360	173,000	-	242	12	-
Edgewood	Permit No. 7-24	Northumberland	-	68,443	-	-	68,443	201,000	-	244	12	-
Sayre N. D. No. 2	Permit No. 7-25	Northumberland	-	49,756	-	-	49,756	142,000	-	140	12	-
Stewartville Fire Job		Northumberland	-	124,583	-	-	124,583	914,000	-	230	22	-
Shop & Office		Northumberland	-	-	-	-	-	-	-	306	24	-
Total			-	366,378	-	-	366,378 i	1,692,000	-		114	-
L. & E. Coal Co.												
Logan No. 2	Permit No. 154-2	Columbia	-	1,355	-	-	1,355 j	-	-	182	2	-
Lehigh Valley Anthracite, Inc.												
Continental	Permit No. 16-9	Schuylkill	-	-	-	-	-	-	-	304	22	-
Germantown	Permit No. 16-12	Columbia	108,879	53,091	22,759	645	185,374	3,000,000	-	304	70	-
Primrose	Permit No. 16-14	Schuylkill	88,398	43,104	18,477	524	150,503	3,000,000	-	303	60	-
Mammoth-Hammond	Permit No. 16-17	Schuylkill	24,353	11,875	5,090	144	41,462	244,000	-	304	20	-
Springdale	Permit No. 16-18	Schuylkill	16,871	9,202	3,945	112	32,130	200,000	-	303	12	-
Total			240,501	117,272	50,271	1,425	409,469 k	6,444,000	-		184	-

		District 3					Pounds				Non-		
		Production - net tons					permis-				fatal		
		Shipped to market		Sold	Used at	Total	sible ex-	Pounds	Days	Empl-	Fatal	fatal	
Operators and Collieries	County	By	By	to	for steam	production:	plives	dynamite	worked	oves	acci-	acci-	
		railroad	truck	local	and heat		used	used			dents	dents	
Minel, Inc.													
Trevorton	Permit No. 63-2	Northumberland	-	9,761	-	-	9,761 f	29,240	-	306	6	-	-
North Line Coal Co.													
Burnside	Permit No. 52-1	Northumberland	-	31,582	-	-	31,582 l	75,000	800	304	10	-	1
R. B. F. Coal Co.													
Hickory Swamp No. 1	Permit No. 107-7	Northumberland	-	6,873	-	-	6,873	-	-	147	3	-	-
Hickory Swamp No. 2	Permit No. 107-8	Northumberland	-	2,164	-	-	2,164	-	-	210	3	-	-
Hickory Swamp No. 3	Permit No. 107-10	Northumberland	-	1,480	-	-	1,480	-	-	109	4	-	-
Total			-	10,517	-	-	10,517 m	-	-		10	-	-
Reading Anthracite Co.													
Knickerbocker M-112	Permit No. 23-8	Schuylkill	31,661	7,839	17,649	-	57,149	960,000	-	297	16	-	6
Knickerbocker M-112A	Permit No. 23-9	Schuylkill	32,861	8,135	18,365	-	59,361	-	-	265	16	-	-
Trevorton S-5	Permit No. 23-12	Northumberland	-	-	-	-	-	-	-	300	1	-	-
Trevorton S-5A	Permit No. 23-13	Northumberland	28,884	139	2,927	-	31,950	854,157	-	258	18	-	-
Trevorton S-16	Permit No. 23-19	Northumberland	1,069	5	108	-	1,182	875,500	-	16	-	-	-
Total			94,475	16,118	39,049	-	149,642 n	2,689,803	-		51	-	6
Rosini Coal Co.													
Trevorton No. 8	Permit No. 47-32	Northumberland	-	-	14,875	-	14,875	50,000	-	73	15	-	-
Bear Valley No. 17	Permit No. 47-33	Northumberland	-	-	14,869	-	14,869	13,900	-	126)	-	-
Bear Valley No. 12	Permit No. 47-34	Northumberland	-	-	1,488	-	1,488	-	-	12)	-	-
Bear Valley No. 13	Permit No. 47-35	Northumberland	-	-	2,004	-	2,004	-	-	25)	-	-
Bear Valley No. 14	Permit No. 47-36	Northumberland	-	-	9,014	-	9,014	20,000	-	84)	-	-
Bear Valley No. 15	Permit No. 47-37	Northumberland	-	-	25,914	-	25,914	20,000	-	213)	-	-
Total			-	-	68,614	-	68,614 o	103,900	-		15	-	-
S. & D. Coal Co.													
Hickory Swamp No. 3	Permit No. 127-3	Northumberland	-	-	59	-	59 g	-	-	15	2	-	-
S. & S. Contracting Co.													
Richards	Permit No. 109-8	Northumberland	-	-	13,366	-	13,366 p	-	-	200	5	-	-
Savitski Brothers Coal Sales													
Reliance No. 1	Permit No. 76-7	Northumberland	-	-	272	-	272 h	-	-	35	2	-	-
Shally Coal Co.													
Hickory Ridge	Permit No. 127-4	Northumberland	-	-	1,290	-	1,290 q	-	-	120	2	-	-
Split Vein Coal Co.													
Big Mountain	Permit No. 113-12	Northumberland	-	-	1,942	-	1,942	1,600	-	76	6)	-	-
Enterprise	Permit No. 113-14	Northumberland	-	-	654	-	654	400	-	26)	-	-
Bear Valley	Permit No. 113-15	Northumberland	-	-	1,468	-	1,468	3,200	-	43)	-	-
Bear Valley No. 2	Permit No. 113-16	Northumberland	-	-	1,582	-	1,582	-	-	51)	-	-
Big Mountain	Permit No. 113-17	Northumberland	-	-	1,445	-	1,445	-	-	52)	-	-
Bear Valley No. 3	Permit No. 113-18	Northumberland	-	-	2,802	-	2,802	3,049	-	77)	-	-
Total			-	-	9,893	-	9,893 r	8,249	-		6	-	-

		District 3				Production - net tons		Pounds					
		: Sold		: Used at		: permis-		: Fatal		: Non-			
		: Shipped to market		: to colliery		: sible ex-		: dynamite		: days		: Empl-	
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	Total production:	plosives used	used	worked	oves	accidents	fatal accidents	fatal accidents
District Total		334,976	618,490	182,364	1,425	1,137,255	11,118,746	1,150	247	485	-	32	

NOTE: (a) All coal prepared at Blaschak Breaker - District 7.
 (b) 3,945 tons prepared at Swift Breaker - District 11
 64 tons prepared at D. & Z. Breaker - District 11
 (c) All coal prepared at Rosa Breaker - District 7.
 (d) All coal prepared at Diamond Breaker - District 9.
 (e) All coal prepared at Ranshaw Breaker - District 10.
 (f) All coal prepared at Sunshine Breaker - District 10.
 (g) All coal prepared at D. & Z. Breaker - District 11.
 (h) All coal prepared at Savitski Breaker - District 9.
 (i) All coal prepared at Glen Burn Breaker - District 10.
 (j) 1,091 tons prepared at Split Vein Breaker - District 11
 164 tons prepared at D. & Z. Breaker - District 11
 100 tons prepared at Swift Breaker - District 11

(k) All coal prepared at Mammoth Breaker - District 8.
 (l) All coal prepared at Reidinger Breaker - District 11.
 (m) 9,465 tons prepared at Split Vein Breaker - District 11
 1,052 tons prepared at Glen Burn Breaker - District 10
 (n) 33,132 tons prepared at Trevorton Breaker - District 11
 166,555 tons prepared at New St. Nicholas Breaker-Dist. 12
 (o) All coal prepared at Carbon Run Breaker - District 10.
 (p) 4,300 tons prepared at D. & Z. Breaker - District 11
 4,128 tons prepared at Swift Breaker - District 11
 3,998 tons prepared at Savitski Breaker - District 9
 940 tons prepared at Split Vein Breaker - District 11
 (q) 430 tons prepared at D. & Z. Breaker - District 11
 860 tons prepared at Swift Breaker - District 11
 (r) All coal prepared at Split Vein Breaker - District 11.

		District 4											
Adams Co., Inc., Robert B.													
Adams No. 2	Permit No. 157-1	Schuylkill	99	1,226	2,234	21	3,580 a	-	-	135	2	-	-
Bell Coal Co.													
Bell	Permit No. 121-3	Schuylkill	4,079	9,717	10,179	221	24,196 b	-	-	296	2	-	-
Blue Bell Enterprises, Inc.													
Clinton	Permit No. 14-3	Schuylkill	665	1,857	27	-	2,549 c	6,000	100	115	3	-	-
Bridy, Inc.													
Bridy	Permit No. 31-8	Schuylkill	748	1,701	3,060	18	5,527	-	-	198	3	-	-
Bridy No. 6	Permit No. 31-12	Schuylkill	141	325	674	2	1,142	-	-	92	3	-	-
Total			889	2,026	3,734	20	6,669 d	-	-	6	-	-	-
C. L. S. Coal Co.													
C. L. S. No. 1	Permit No. 125-4	Schuylkill	39	1,841	58	-	1,938 e	-	-	196	2	-	-
Cosmic Enterprises													
Cosmic	Permit No. 163-1	Schuylkill	356	479	-	2	837 f	-	-	123	2	-	-
D. & F. Coal Co.													
D. & F. No. 1	Permit No. 138-2A	Schuylkill	7,674	30,462	6,877	242	45,255	120,000	-	267	10	-	-
D. & F. No. 2	Permit No. 138-3A	Schuylkill	778	3,231	518	23	4,550	-	-	41	8	-	-
Total			8,452	33,693	7,395	265	49,805 g	120,000	-	18	-	-	-
F. & M. Coal Co.													
F. & M.	Permit No. 145-2	Schuylkill	3,520	2,347	1,078	12	6,957 h	-	-	222	5	-	-

		District 4 Production - net tons					Pounds	Pounds	Days	Empl-	Fatal	Non-	
		: Shipped to market :		Sold	Used at	permis-				acci-	fatal		
		By	By	to	colliery	sible ex-	Pounds	Days	oyes	dents	acci-		
Operators and Collieries	County	railroad	truck:	local	for steam	plives	dynamite	worked			dents		
				trade	and heat	used	used						
						Total							
						production:							
Ibanez Coal Co., John Ibanez No. 1	Permit No. 156-1	Schuylkill	96	75	156	-	327 i	200	-	98	2	-	-
Industrial Coal Sales Co. Lincoln	Permit No. 144-1A	Schuylkill	1,164	3,643	253	-	5,060 j	500	-	36	7	-	-
K. & K. Coal Co. K. & K.	Permit No. 136-2R	Schuylkill	3,750	2,906	2,625	93	9,374 f	-	-	259	3	-	-
Kocher Coal Co., Leon E. Porter Tunnel	Permit No. 90-7	Schuylkill	64,779	57,661	18,508	1,424	142,372	616,030	-	291	22	-	1
Keffers	Permit No. 90-10	Schuylkill	16,469	14,659	4,706	362	36,196	-	-	109	6	-	-
Total			81,248	72,320	23,214	1,786	178,568 k	616,030	-		28	-	1
Koury Coal Co. Koury No. 2	Permit No. 139-2	Schuylkill	1,932	2,069	700	51	4,752	-	-	230	3	-	-
Koury No. 3	Permit No. 139-3	Schuylkill	201	179	57	4	441	-	-	23	3	-	-
Total			2,133	2,248	757	55	5,193 l	-	-		6	-	-
Krell, Philip Orchard	Permit No. 61-3R2	Schuylkill	175	136	123	4	438 m	-	-	207	1	-	-
L. C. Enterprises L. C. No. 1	Permit No. 162-1	Schuylkill	1,025	1,758	432	12	3,227 n	16,900	300	99	4	-	-
L. & L. Coal Co. L. & L. No. 2	Permit No. 159-2	Schuylkill	84	144	28	2	258 o	-	-	20	2	-	-
Madenford Coal Co. Madenford No. 1	Permit No. 158-1	Schuylkill	49	-	283	1	333	-	-	35	2	-	-
Madenford No. 2	Permit No. 158-2	Schuylkill	87	-	505	2	594	-	-	17	2	-	-
Total			136	-	788	3	927 p	-	-		4	-	-
Mountain Anthracite Co., Inc. Buck Mountain	Permit No. 143-3	Schuylkill	5,295	7,126	-	37	12,458	-	7,000	181	4	-	-
L. V.	Permit No. 143-4	Schuylkill	179	241	-	1	421	-	-	20	2	-	-
Total			5,474	7,367	-	38	12,879 f	-	7,000		6	-	-
Pacine Coal Co. Pacine No. 1	Permit No. 146-1R	Schuylkill	2,734	3,534	1,076	41	7,385	-	-	269	3	-	-
Pacine No. 2	Permit No. 146-3	Schuylkill	2,808	532	710	-	3,550	-	-	155	3	-	-
Total			5,542	4,066	1,786	41	10,935 q	-	-		6	-	-
Peck Coal Co., Joe Peck No. 1	Permit No. 160-1	Schuylkill	115	89	81	3	288	-	-	35	2	-	-
Peck No. 2	Permit No. 160-2	Schuylkill	421	408	284	8	1,121	-	-	61	2	-	-
Total			536	497	365	11	1,409 r	-	-		4	-	-
R. R. & G., Inc. Primrose	Permit No. 161-1	Schuylkill	1,994	5,508	901	65	8,468 s	1,000	-	128	6	-	-
R. & S. Coal Co. R. & S.	Permit No. 153-1	Schuylkill	238	986	297	17	1,538 t	-	-	116	3	-	-

				District 4										
				Production - net tons			Pounds							
				Shipped to market	Sold to local	Used at colliery for steam and heat	Total production	permissible explosives used	Pounds dynamite used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal acci-dents	
Operators and Collieries	County	By railroad	By truck	By trade	By local	By trade	Total production	permissible explosives used	Pounds dynamite used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal acci-dents	
Reading Anthracite Co.														
Oak Hill P-47	Permit No. 23-3	Schuylkill	-	-	-	-	-	-	-	299	1	-	-	
Wadesville P-33	Permit No. 23-4	Schuylkill	68,056	16,849	38,033	-	122,938	2,721,894	-	244	95	-	16	
St. Clair P-48	Permit No. 23-5	Schuylkill	170,102	42,116	95,062	-	307,280	2,262,483	-	326	59	-	6	
St. Clair P-44	Permit No. 23-6	Schuylkill	-	-	-	-	-	-	-	303	1	-	-	
Pine Knot P-39	Permit No. 23-14	Schuylkill	-	-	-	-	-	-	-	303	1	-	-	
Buck Run P-45A	Permit No. 23-15	Schuylkill	36,866	9,127	20,602	-	66,595	1,424,582	-	331	25	-	1	
Pott-Bannon P-50	Permit No. 23-17	Schuylkill	29,655	7,342	16,572	-	53,569	493,233	-	298	16	-	2	
Total			304,679	75,434	170,269	-	550,382 u	6,902,192	-		198	-	25	
Schock Coal Co., Norman C.														
Schock	Permit No. 59-3R	Schuylkill	1,244	3,854	3,592	8	8,698 v	2,300	-	281	5	-	-	
Schuylkill Contracting Co.														
Mammoth & Holmes	Permit No. 36-3	Schuylkill	21,119	4,874	6,498	-	32,491	596,500	-	185	19	-	-	
Pine Hill	Permit No. 36-6	Schuylkill	13,683	3,249	5,200	-	22,132	393,310	-	218	9	-	-	
Seltzer City	Permit No. 36-9	Schuylkill	3,700	854	1,138	-	5,692	-	-	60	5	-	-	
Westwood	Permit No. 36-7R2	Schuylkill	7,798	1,799	2,399	-	11,996	2,800	-	77	5	-	-	
Total			46,300	9,776	16,235	-	72,311 w	992,610	-		38	-	-	
Seitzinger Brothers Leasing, Inc.														
Fairlane Village	Permit No. 150-1R	Schuylkill	-	1,901	1,920	19	3,840 x	-	-	272	6	-	-	
Swatara Coal Co.														
Mammoth	Permit No. 70-2	Schuylkill	17,724	5,434	3,191	26	26,375	45,992	500	252	15	-	1	
Primrose Basin	Permit No. 70-4	Schuylkill	15,165	4,649	2,731	22	22,567	56,780	900	252	14	-	-	
Branchdale	Permit No. 70-5	Schuylkill	1,051	322	189	2	1,564	800	-	18	4	-	-	
Total			33,940	10,405	6,111	50	50,506 y	103,572	1,400		33	-	1	
Valent Coal Co., Frank														
Silver Creek	Permit No. 105-2R	Schuylkill	6,529	5,059	4,571	164	16,323	6,400	-	271	3	-	-	
Orchard	Permit No. 105-3	Schuylkill	1,071	830	750	27	2,678	-	-	45	3	-	-	
Total			7,600	5,889	5,321	191	19,001 z	6,400	-		6	-	-	
Valley Enterprises, Inc. (Bernitsky Brothers, Contractors)														
Brockton No. 3	Permit No. 133-3	Schuylkill	1,434	1,111	1,004	36	3,585 a	-	100	132	2	-	-	
W. & W. Construction Co.														
Mammoth	Permit No. 132-1	Schuylkill	182	4,721	1,451	31	6,385	2,800	-	145	10	-	-	
Primrose	Permit No. 132-3	Schuylkill	2,660	6,614	1,754	57	11,085	5,200	-	236	7	-	-	
White Ash	Permit No. 132-3	Schuylkill	6,763	7,555	2,430	81	16,829	6,000	-	214	10	-	-	
Holmes	Permit No. 132-4	Schuylkill	951	1,059	370	10	2,390	1,000	-	77	5	-	-	
Total			10,556	19,949	6,005	179	36,689 aa	15,000	-		32	-	-	
Wabo Coal Co.														
Wabo	Permit No. 164-1	Schuylkill	-	129	131	1	261 x	-	-	15	2	-	-	
District Total			526,947	284,288	266,018	3,152	1,080,405	8,782,704	8,900	225	444	-	27	

		District 4									
		Production - net tons					Pounds				
		Shipped to market		Used at							
		By railroad		to colliery		: permis-					
		By truck		local for steam		: sible ex-					
				and heat		: plives					
						: dynamite					
						: Days					
						: Empl-					
						: Fatal					
						: acci-					
						: dents					
						: fatal					
						: acci-					
						: dents					
Operators and Collieries	County					Total production:	Pounds used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
NOTE: (a)	352 tons prepared at Old Mill Breaker - District 13					(n)	809 tons prepared at DiRenzo Breaker - District 13				
	794 tons prepared at DiRenzo Breaker - District 13						2,323 tons prepared at Schneck Breaker - District 14				
	1,545 tons prepared at Tamaqua Breaker - District 12						95 tons prepared at Silver Creek Breaker - District 12				
	861 tons prepared at Mazaika Breaker - District 7					(o)	167 tons prepared at Kocher Breaker - District 15				
	28 tons prepared at Schneck Breaker - District 14						73 tons prepared at Franklin Breaker - District 14				
(b)	14,188 tons prepared at Tamaqua Breaker - District 12						18 tons prepared at Schneck Breaker - District 14				
	3,041 tons prepared at Schneck Breaker - District 14					(p)	All coal prepared at Pine Creek Breaker - District 15.				
	6,967 tons prepared at Silver Creek Breaker - District 12					(q)	2,655 tons prepared at Silver Creek Breaker - District 12				
(c)	869 tons prepared at Tremont Breaker - District 15						450 tons prepared at DiRenzo Breaker - District 13				
	1,680 tons prepared at D. & Z. Breaker - District 11						380 tons prepared at Olenick Breaker - District 13				
(d)	1,474 tons prepared at Silver Creek Breaker - District 12						3,900 tons prepared at Schneck Breaker - District 14				
	562 tons prepared at Mazaika Breaker - District 7						3,550 tons prepared at Marlin Breaker - District 12				
	3,273 tons prepared at Savitski Breaker - District 9					(r)	1,158 tons prepared at Silver Creek Breaker - District 12				
	235 tons prepared at DiRenzo Breaker - District 13						171 tons prepared at Schneck Breaker - District 14				
	565 tons prepared at Schneck Breaker - District 14						80 tons prepared at DiRenzo Breaker - District 13				
	281 tons prepared at Live Oak Breaker - District 13					(s)	78 tons prepared at Skytop Breaker - District 7				
	279 tons prepared at Tamaqua Breaker - District 12						2,787 tons prepared at Kocher Breaker - District 15				
(e)	All coal prepared at Maple Spring Breaker - District 13.						1,069 tons prepared at Swatara Breaker - District 13				
(f)	All coal prepared at Schneck Breaker - District 14.						4,534 tons prepared at Franklin Breaker - District 14				
(g)	1,370 tons prepared at Olenick Breaker - District 13					(t)	632 tons prepared at Minersville Breaker - District 13				
	1,981 tons prepared at DiRenzo Breaker - District 13						906 tons prepared at Legal Breaker - District 15				
	1,000 tons prepared at Savitski Breaker - District 9					(u)	All coal prepared at New St. Nicholas Breaker - District 12.				
	3,000 tons prepared at Legal Breaker - District 15					(v)	2,666 tons prepared at Swift Breaker - District 11				
	2,800 tons prepared at Schneck Breaker - District 14						2,854 tons prepared at Mazaika Breaker - District 7				
	39,654 tons prepared at Minersville Breaker - District 13						2,634 tons prepared at Schneck Breaker - District 14				
(h)	1,852 tons prepared at DiRenzo Breaker - District 13						418 tons prepared at K. & P. Breaker - District 12				
	715 tons prepared at Schneck Breaker - District 14						126 tons prepared at D. & Z. Breaker - District 11				
	4,200 tons prepared at Tremont Breaker - District 15					(w)	65,279 tons prepared at Marlin Breaker - District 12				
	190 tons prepared at Minersville Breaker - District 13						7,032 tons prepared at New St. Nicholas Breaker - Dist. 12				
(i)	14 tons prepared at Pine Creek Breaker - District 15					(x)	All coal prepared at DiRenzo Breaker - District 13.				
	313 tons prepared at Malho Breaker - District 9					(y)	All coal prepared at Swatara Breaker - District 13.				
(j)	All coal prepared at Donaldson Breaker - District 14.					(z)	All coal prepared at Silver Creek Breaker - District 12.				
(k)	All coal prepared at Kocher Breaker - District 15.					(aa)	1,882 tons prepared at Strohecker Breaker - District 16				
(l)	4,470 tons prepared at Kocher Breaker - District 15						3,415 tons prepared at Underkoffler Breaker - District 16				
	10 tons prepared at Franklin Breaker - District 14						13,021 tons prepared at Franklin Breaker - District 14				
	20 tons prepared at Minersville Breaker - District 13						10,997 tons prepared at Swatara Breaker - District 13				
	655 tons prepared at Legal Breaker - District 15						5,819 tons prepared at Kocher Breaker - District 15				
	38 tons prepared at Olenick Breaker - District 13						781 tons prepared at Olenick Breaker - District 13				
(m)	All coal prepared at Silver Creek Breaker - District 12.						774 tons prepared at K. & P. Breaker - District 12				

District 5

Operators and Collieries	County	Production - net tons				Total production:	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market : By railroad	Sold to local : By truck	Used at colliery : for steam and heat	Total							
Ace Anthracite, Inc.												
Ace Breaker	Lackawanna	-	-	-	-	-	-	231	3	-	-	
American Silt Processing Co., Inc.												
Waddell Bank	Lackawanna	950	-	-	950	-	-	205	1	-	-	
Waddell Washery	Lackawanna	-	-	-	-	-	-	205	4	-	-	
Total		950	-	-	950 a	-	-	-	5	-	-	
Barca Coal & Land Co., Inc.												
Booth Breaker	Sullivan	-	-	-	-	-	-	197	7	-	-	
Baumann, John C.												
D. & H. Railroad Bank	Lackawanna	-	6,537	-	6,537 a	-	-	22	4	-	-	
Blue Coal Corporation												
No. 13 1/2 Slope	Luzerne	2,725	1,479	3,722	10	7,936	12,300	69	15	-	1	
Sugar Notch Bank	Luzerne	2,887	1,566	3,940	9	8,402	-	201	9	-	1	
Bag Plant	Lackawanna	-	-	-	-	-	-	259	12	-	-	
Huber Breaker	Luzerne	-	-	-	-	-	-	225	48	-	6	
Huber General	Luzerne	-	-	-	-	-	-	225	12 1/2	-	1	
Total		5,612	3,045	7,662	19	16,338 b	12,300	-	208	-	9	
C. B. M. Coal Co.												
Empire Bank & Shop	Luzerne	14,665	35,504	15,659	753	66,581 c	-	294	13	-	-	
Coalbrook Iron & Metal Co., Inc.												
Coalbrook Bank	Lackawanna	-	9,561	-	-	9,561	-	175	1	-	-	
Pittston Bank	Luzerne	1,950	34,733	-	-	36,683	-	175	1	-	-	
Coalbrook Screening Plant	Lackawanna	-	-	-	-	-	-	175	2	-	-	
Total		1,950	44,294	-	-	46,244 d	-	-	4	-	-	
G. M. C. Energy Fuels, Inc.												
Ziffenblatt Cleaning Plant	Luzerne	-	-	-	-	-	-	142	3	-	-	
Lehigh Valley Anthracite, Inc.												
Baltimore Bank	Luzerne	174	470	210	9	863 e	-	8	8	-	-	
Prospect Bank	Luzerne	7,111	17,067	7,519	362	32,059 f	-	195	3	-	-	
Prospect Cleaning Plant	Luzerne	-	-	-	-	-	-	195	8	-	-	
Franklin Cleaning Plant	Luzerne	-	-	-	-	-	-	220	11	-	3	
Harry E. Breaker	Luzerne	-	-	-	-	-	-	186	42	-	2	
Total		7,285	17,537	7,729	371	32,922	-	-	72	-	5	
Moffat Premium Anthracite, Inc.												
Taylor Breaker	Lackawanna	-	-	-	-	-	-	162	65	-	3	
Mountain Coal, Inc.												
Pittston Slope	Luzerne	2,400	6,499	2,902	137	11,938 e	9,850	242	8	-	1	
Northwest Mining Co., Inc.												
Marvine Bank	Lackawanna	3,077	1,344	3,423	33	7,877	-	165	3	-	-	
Marvine Sizing Plant	Lackawanna	-	-	-	-	-	-	298	10	-	-	
Raymond Breaker	Lackawanna	-	-	-	-	-	-	191	25	-	-	
Total		3,077	1,344	3,423	33	7,877 g	-	-	38	-	-	

		District 5 Production - net tons				Pounds			Non-			
Operators and Collieries	County	Shipped to market		Sold to local trade	Used at colliery for steam and heat	Total production	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents
		By railroad	By truck									
Olyphant Premium Anthracite, Inc.												
Olyphant Bank	Lackawanna	29,003	7,270	15,686	492	52,451	-	-	251	6	-	-
Olyphant Cleaning Plant	Lackawanna	-	-	-	-	-	-	-	251	18	-	2
Total		29,003	7,270	15,686	492	52,451 h	-	-		24	-	2
O'Toole, John F.												
O'Toole Cleaning Plant	Lackawanna	-	-	-	-	-	-	-	258	1	-	-
Penbrook Coal Co.												
Penbrook Bank	Lackawanna	628	-	-	-	628	-	-	22	2	-	-
Penbrook Breaker	Lackawanna	-	-	-	-	-	-	-	22	5	-	-
Total		628	-	-	-	628 i	-	-		7	-	-
Penn State Mining Co.												
Penn State Slope	Lackawanna	84	-	265	1	350 j	500	300	117	4	-	-
Perry Coal Sales, Thomas												
Dunmore-Saco Bank	Lackawanna	25,381	-	-	-	25,381	-	-	154	3	-	-
Pittston Bank	Luzerne	6,767	498	1,322	10	8,597	-	-	154	2	-	-
Avoca Cleaning Plant	Luzerne	-	-	-	-	-	-	-	268	3	-	-
Total		32,148	498	1,322	10	33,978 k	-	-		8	-	-
Popple Coal Sales, Raymond												
Dunmore Bank	Luzerne	-	63,807	-	-	63,807 a	-	-	144	9	-	-
Racho, George												
Exeter Bank	Luzerne	-	22,557	-	-	22,557 a	-	-	100	9	-	-
Scranton Excavating Co.												
Taylor Bank	Lackawanna	2,347	626	3,691	-	6,664 l	-	-	259	4	-	-
Sebastopol Coal Co., Inc.												
Sebastopol Bank	Luzerne	4,893	514	-	-	5,407 m	-	-	209	3	-	-
Silverbrook Anthracite, Inc.												
Kassa Breaker	Luzerne	-	-	-	-	-	-	-	315	7	-	-
Vullo & Vantaggi												
Vullo Bank	Luzerne	96	960	2,143	-	3,199 n	-	-	10	2	-	-
District Total		105,138	210,992	60,482	1,816	378,428	22,650	300	197	508	-	20

- NOTE: (a) Direct sales.
- (b) All coal prepared at Huber Breaker.
- (c) 4,941 tons prepared at Jeddo No. 7 Breaker - District 7
61,640 tons prepared at Harry E. Breaker
- (d) 1,950 tons prepared at Waddell Washery
44,294 tons direct sales.
- (e) All coal prepared at Harry E. Breaker.
- (f) 2,573 tons prepared at Jeddo No. 7 Breaker - District 7
29,486 tons prepared at Harry E. Breaker
- (g) 1,080 tons prepared at Olyphant Cleaning Plant
1,375 tons prepared at Raymond Breaker
1,675 tons prepared at Taylor Breaker
3,748 tons prepared at Huber Breaker
- (h) 19,515 tons prepared at Olyphant Cleaning Plant
2,357 tons prepared at Raymond Breaker
745 tons prepared at Taylor Breaker
29,834 tons prepared at Huber Breaker

District 5

		Production - net tons				Pounds							
		: Sold		Used at		: permis-						Non-	
		: to		colliery		: sible ex-		Pounds		Days		Fatal fatal	
		: By		: local		: plives		dynamite		Empl-		acci- acci-	
<u>Operators and Collieries</u>	<u>County</u>	<u>By</u>	<u>By</u>	<u>local</u>	<u>for steam</u>	<u>Total</u>	<u>production:</u>	<u>used</u>	<u>worked</u>	<u>oves</u>	<u>dents</u>	<u>dents</u>	<u>dents</u>
		<u>railroad</u>	<u>truck:</u>	<u>trade</u>	<u>and heat</u>		<u>used</u>						
NOTE: (i)	All coal prepared at Waddell Washery. Breaker ceased operating in March, 1970.					(1)	All coal prepared at Taylor Breaker.						
(j)	All coal prepared at Kassa Breaker. New mine began operations in August, 1970.					(m)	1,430 tons prepared at Waddell Washery						
(k)	914 tons prepared at Harry E. Breaker 1,100 tons prepared at Ace Breaker 31,964 tons prepared at Avoca Cleaning Plant					(n)	3,463 tons prepared at Ziffenblatt Cleaning Plant 514 tons direct sales. All coal prepared at Penbrook Breaker. Mine finished in February, 1970.						

District 6

Blue Coal Corporation													
Bliss Banks	Luzerne	645	349	880	2	1,876	-	-	59	6	-	-	
Wanamie Colliery	Luzerne	43,195	23,420	58,961	203	125,779	99,675	-	250	346	-	41	
Warrior Run Banks	Luzerne	1,083	587	1,478	5	3,153	-	-	33	1	-	-	
Total		44,923	24,356	61,319	210	130,808 a	99,675	-	353	-	41		
Ciarafoni Coal Co., Inc.													
Ciarafoni Slope	Luzerne	5,107	11,483	2,050	10	18,650 b	25,000	-	246	15	-	2	
Glen-Nan Coal Co., Inc.													
No. 3 Slope	Luzerne	112,734	200,605	75,909	117	389,365 c	346,025	28,500	226	324	-	55	
L. J. B., Inc.													
No. 6 Banks	Luzerne	2,517	-	5,363	14	7,894 d	-	-	102	8	-	-	
Pollock, Inc., Ken													
Wanamie Silt Bank	Luzerne	-	87,279	-	-	87,279 e	-	-	212	7	-	-	
Susquehanna Coal Co.													
Honey Pot Bank	Luzerne	3,419	7,690	1,373	-	12,482	-	-	134	5	-	-	
Glen Lyon Breaker	Luzerne	-	-	-	-	-	-	-	161	96	-	2	
Total		3,419	7,690	1,373	-	12,482 b	-	-	101	-	2		
District Total		168,700	331,413	146,014	351	646,478	470,700	28,500	226	808	-	100	

- NOTE: (a) All coal prepared at Huber Breaker - District 5. (d) 7,084 tons prepared at Kassa Breaker - District 5
 (b) All coal prepared at Glen Lyon Breaker. 810 tons prepared at Waddell Washery - District 5
 (c) 299,114 tons prepared at Glen Lyon Breaker (e) All coal shipped unprepared to United Gas Improvement
 87,564 tons prepared at Huber Breaker - District 5 Hunlock Plant.
 2,250 tons prepared at Kassa Breaker - District 5
 437 tons prepared at Taylor Breaker - District 5

District 7

B-D Mining Co.													
B-D Fine Coal Plant	Schuylkill	-	-	-	-	-	-	-	240	20	-	-	

		District 7 Production - net tons				Pounds per-	Pounds	Days	Empl-	Fatal	Non-
		Shipped to market	Sold to local	Used at colliery for steam and heat	Total production	missible explosives used	dynamite used	worked	oyes	acci-	fatal acci-
Operators and Collieries	County	By railroad	By truck	to trade						dents	dents
B-D Mining Co. (Continued)											
Gilberton Silt Bank	Schuylkill	51,084	20,527	-	71,611	-	-	65	*	-	-
St. Nicholas Silt Bank	Schuylkill	137,797	68,605	-	206,402	-	-	164	10*	-	-
Total		188,881	89,132	-	278,013 a	-	-	30	-	-	-
Blaschak Coal Co., Inc.											
Blaschak Breaker	Schuylkill	-	-	-	-	-	-	201	23	-	8
Skidmore Slope	Schuylkill	-	-	-	-	b	-	64	1	-	-
Total		-	-	-	-	-	-	24	-	-	8
Buckley Coal Corporation											
Eckley Breaker	Luzerne	-	-	-	-	-	-	245	33	-	-
Capparell Coal Co., Inc.											
Rosa Breaker	Schuylkill	-	-	-	-	-	-	242	29	-	8
Capparell Stripping & Construction Co., Inc.											
Gilberton Bank	Schuylkill	7,808	6,207	6,006	20,021	-	-	221	12	-	-
Kohinoor Bank	Schuylkill	7,633	6,067	5,376	19,571	-	-	228	16	-	1
Total		15,441	12,274	11,382	39,592 c	-	-	28	-	-	1
Coleby Coal Co., Inc.											
Audenried Bank	Schuylkill	35,109	-	-	35,109	-	-	116	6	-	-
Candleton Bank	Schuylkill	27,437	-	-	27,437	-	-	174	6	-	-
Candleton Washery	Schuylkill	-	-	-	-	-	-	174	8	-	-
Total		62,546	-	-	62,546 d	-	-	20	-	-	-
DiCasimiro Contracting Co.											
North Mahanoy Bank	Schuylkill	6,434	4,032	20,644	31,110 e	-	-	124	*	-	-
Forgotch Brothers Coal Co.											
Buck Mountain Slope	Schuylkill	25	130	116	271 f	150	-	154	2	-	-
Generose Coal Co., J.											
Buck Mountain Bank	Carbon	8,065	1,431	4,184	19	13,699 g	-	251	6	-	-
Gilberton Coal Co.											
Mahanoy City Bank	Schuylkill	387	2,066	1,861	4,314 f	-	-	79	3*	-	-
Gowen Coal Co.											
Gowen Breaker	Luzerne	-	-	-	-	-	-	182	16	-	1
Gowen Cleaning Plant	Luzerne	-	-	-	-	-	-	182	3	-	-
Gowen Marway to Pumproom	Luzerne	-	-	-	-	b	-	-	-	-	-
Total		-	-	-	-	-	-	19	-	-	1
Honeybrook Mines, Inc.											
Audenried Bank	Schuylkill	8,503	3,074	28,344	39,921	-	-	227	3	-	-
Beaver Brook Bank	Luzerne	6,370	2,303	21,235	29,908	-	-	216	4	-	-
Honeybrook Breaker	Schuylkill	-	-	-	-	-	-	239	27	1	1
Total		14,873	5,377	49,579	69,829 h	-	-	34	1	1	1
Huss, George											
Beaver Brook Bank	Luzerne	33,378	-	-	33,378	-	-	234	4	-	-

District 7

Operators and Collieries	County	Production - net tons				Total production:	Pounds permis-sible ex-plosives used	Pounds dynamite used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market	Sold	Used at	Used at							
		By railroad	By truck	to local trade	for steam and heat							
Huss, George (Continued)												
Beaver Brook Washery	Luzerne	-	-	-	-	-	-	234	4	-	-	
Total		33,378	-	-	-	33,378 i	-	-	8	-	-	
J. B. Coal Co.												
Buck Mountain Bank	Luzerne	1,186	372	615	3	2,176 g	-	-	160	3	-	-
Jeddo-Highland Coal Co.												
Hazle Brook Bank	Luzerne	9,521	592	130	8	10,251	-	-	26	3	-	-
Highland No. 2 Bank	Luzerne	65,734	-	-	264	65,998	-	-	94	6*	-	-
Highland No. 5 Bank	Luzerne	31,984	-	-	127	32,111	-	-	101	*	-	-
Highland No. 5 Breaker	Luzerne	-	-	-	-	-	-	-	187	28	-	2
Jeddo No. 7 Bank	Luzerne	3,585	3,077	1,057	67	7,796	-	-	65	2	-	-
Jeddo No. 7 Breaker	Luzerne	-	-	-	-	-	-	-	238	63	-	4
Total		110,824	3,669	1,197	466	116,156 j	-	-	102	-	-	6
Kassa Coal Co.												
No. 4 Gamma Slope	Carbon	-	1,125	2,000	-	3,125 k	1,050	-	240	3	-	-
Lee Mining Co., Inc., J. F.												
Drifton No. 1 Slope	Luzerne	3,435	1,962	10,960	-	16,357 l	1,300	-	101	11	-	-
Lehigh Valley Anthracite, Inc.												
Admiral Bank	Luzerne	65,200	1,292	147	-	66,639	-	-	188	8	-	-
Buck Mountain Bank	Schuylkill	2,152	9,549	9,401	147	21,249	-	-	178	8	-	-
Hazleton Shaft Bank	Luzerne	7,554	8,477	2,333	172	18,536	-	-	130	5	-	-
Hazleton Shaft Silt Bank	Luzerne	11,416	226	26	-	11,668	-	-	101	*	-	-
Hazleton No. 1 Silt Bank	Luzerne	2,054	41	5	-	2,100	-	-	30	5	-	-
Morea Bank	Schuylkill	7,762	34,434	33,901	529	76,626	-	-	245	9	-	-
Morea Breaker	Schuylkill	-	-	-	-	-	-	-	245	31	-	4
Hazleton Shaft Breaker	Luzerne	-	-	-	-	-	-	-	80	77	-	4
Hazleton Shaft Cleaning Plant	Luzerne	-	-	-	-	-	-	-	150	29	-	5
Iion Breaker	Luzerne	-	-	-	-	-	-	-	161	15	-	2
Total		96,138	54,019	45,813	848	195,818 m	-	-	187	-	-	15
Maksimik Coal Co.												
Kehley Run Bank	Schuylkill	3,057	2,430	2,353	-	7,840 c	-	-	143	5	-	-
Mazaika Brothers Coal Co.												
Mazaika Breaker	Schuylkill	-	-	-	-	-	-	-	250	3	-	-
McAdoo Mining Co.												
Wharton Slope	Carbon	-	-	-	-	- n	-	-	14	2	-	-
Olman Brothers Coal Co.												
Buck Mountain Slope	Schuylkill	-	-	12	-	12 o	-	-	26	2	-	-
Phoenix Contracting Co.												
Maizville Railroad Bank	Schuylkill	713	407	2,264	11	3,395 l	-	-	131	3	-	1
Racho, George												
Lattimer Bank	Luzerne	-	8,815	-	-	8,815 p	-	-	52	5	-	-

		District 7 Production - net tons				Pounds				Fatal		Non-	
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	acci-	fatal	fatal	
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	sible explosives used	dynamite used	worked	oves	dents	acci-	dents
Reading Anthracite Co.													
Ellangown Bank	Schuylkill	174,516	6,655	1,419	-	182,590	-	-	268	27	-	-	3
St. Nicholas Silt Bank	Schuylkill	2,819	107	11	-	2,937	-	-	6	7	-	-	-
Maple Hill Cleaning Plant	Schuylkill	-	-	-	-	-	-	-	113	11	-	-	1
St. Nicholas Fine Coal Plant	Schuylkill	-	-	-	-	-	-	-	268	31	-	-	5
Central Pumping Station	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Total		177,335	6,762	1,430	-	185,527 q	-	-	-	76	-	-	9
Skytop Coal, Inc.													
Skytop Breaker	Schuylkill	-	-	-	-	-	-	-	158	13*	-	-	1
Iykens Slope	Schuylkill	-	-	-	-	- b	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	13	-	-	1
Starwood Coal Corporation													
No. 1 Slope	Schuylkill	310	1,640	1,489	-	3,439	1,800	-	250	8	-	-	1
Starwood Breaker	Schuylkill	-	-	-	-	- r	-	-	98	*	-	-	-
Total		310	1,640	1,489	-	3,439 p	-	-	-	8	-	-	1
U. G. I. Corporation													
Hazleton Shaft Silt Bank	Luzerne	-	165,124	-	-	165,124 s	-	-	187	14	-	-	-
District Total		723,028	360,767	155,899	1,842	1,241,536	4,300	-	195	673	1	52	

- NOTE: (a) All coal prepared at B-D Fine Coal Plant.
 (b) Pumping only.
 (c) All coal prepared at Rosa Breaker.
 (d) All coal prepared at Candleton Washery.
 (e) 30,280 tons prepared at Blaschak Breaker
 830 tons prepared at Skytop Breaker
 (f) All coal prepared at Skytop Breaker.
 (g) All coal prepared at Eckley Breaker.
 (h) All coal prepared at Honeybrook Breaker.
 (i) All coal prepared at Beaver Brook Washery.
 (j) 98,109 tons prepared at Highland No. 5 Breaker
 18,047 tons prepared at Jeddo No. 7 Breaker
 (k) All coal prepared at Kassa Breaker - District 5.
 (l) All coal prepared at Blaschak Breaker.
 * Men were transferred to other operations, same company.
- (m) 97,875 tons prepared at Morea Breaker
 80,407 tons prepared at Idon Breaker
 15,993 tons prepared at Hazleton Shaft Breaker
 2,543 tons prepared at Jeddo No. 7 Breaker
 (n) No production.
 (o) All coal prepared at Mountain Side Breaker - District 12.
 Ceased operations in July, 1970.
 (p) All coal shipped unprepared to Pennsylvania Power & Light Co
 (q) 184,763 tons prepared at St. Nicholas Fine Coal Plant
 764 tons prepared at Starwood Breaker
 (r) Starwood Breaker changed to Skytop Breaker on July 1, 1970.
 with same men
 (s) All coal shipped unprepared to United Gas Improvement
 Hunlock Plant.

		District 8								Fatal		Non-	
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	acci-	fatal	fatal	
A. D. G. Coal Co.	County	By railroad	By truck	local trade	for steam and heat	production	sible explosives used	dynamite used	worked	oves	dents	acci-	dents
Buck Mountain Slope	Columbia	80	-	3,896	-	3,976 a	950	-	254	4	-	-	-

		District 8															
		Production - net tons															
		Shipped to market		Sold to local trade		Used at colliery for steam and heat		Pounds permissible explosives used		Pounds dynamite used		Days worked		Fatal accidents		Non-fatal accidents	
Operators and Collieries		By railroad		By truck		Total production											
County																	
B. & N. Coal Co.	Schuylkill	-	-	-	-	-	#	-	-	-	5	3	-	-	-	-	
Diamond Vein Slope																	
Botella Coal Co., James Packer No. 3 Bank	Schuylkill	9,945	5,683	31,728	-	47,356	b	-	-	-	240	3	-	-	-	-	
Burnrite Coal Co.																	
L. V. No. 2 Vein Slope	Columbia	-	4,800	-	-	4,800	c	3,500	-	-	258	4	-	-	-	-	
D. R. Z. Coal Co.																	
No. 5 Vein Slope	Northumberland	-	117	53	-	170	*	150	-	-	60	3	-	-	-	-	
No. 2 Five Vein Slope	Northumberland	-	353	159	-	512		512	-	-	56	5	-	-	-	-	
Total		-	470	212	-	682	d	662	-	-		8	-	-	-	-	
Hanks Coal Co.																	
L. V. No. 2 Vein Slope	Northumberland	-	-	-	-	-	#	-	-	-	90	2	-	-	-	-	
Hard Top Coal Co.																	
Big Buck Slope	Schuylkill	231	453	846	-	1,530	e	2,900	400	174	4	-	-	-	-	-	
Hecla Machine & Equipment Co.																	
Hammond Bank	Schuylkill	-	40,107	-	-	40,107		-	-	-	65	2	-	-	-	-	
Midvalley Bank	Columbia	-	111,194	-	-	111,194		-	-	-	161	4	-	-	-	-	
Total		-	151,301	-	-	151,301	f	-	-	-	6	-	-	-	-	-	
K. & C. Coal Co.																	
Buck Mountain Slope	Schuylkill	-	-	631	-	631	g	500	-	-	157	3	-	-	-	-	
Kaleta Coal Co.																	
No. 8 & 9 Vein Slopes	Northumberland	-	1,969	885	-	2,854	d	1,200	400	243	3	-	-	-	-	-	
Lehigh Valley Anthracite, Inc.																	
Mammoth Breaker	Schuylkill	-	-	-	-	-		-	-	-	194	81	-	26	-	-	
M. & S. Coal Co.																	
Holmes Slope	Columbia	-	110	50	-	160	d *	150	-	-	29	4	-	-	-	-	
Marion Mining Co., Inc.																	
Connerton Drift	Schuylkill	8,419	4,811	26,860	-	40,090		1,800	10,100	284	22	-	-	-	-	-	
Connerton Cleaning Plant	Schuylkill	-	-	-	-	-		-	-	284	1	-	-	-	-	-	
Total		8,419	4,811	26,860	-	40,090	b	1,800	10,100	23	-	-	-	-	-	-	
Mickey Coal Co.																	
Diamond Slope	Schuylkill	1,233	822	2,054	-	4,109	h	3,620	-	-	234	5	-	-	-	-	
Morack Coal Co.																	
Buck Mountain Slope	Columbia	-	-	-	-	-	#	-	-	-	120	1	-	-	-	-	
Morata Coal Co.																	
No. 4 Vein Slope	Northumberland	-	622	280	-	902	d	350	-	-	111	3	-	-	-	-	
Polcovich Coal Co.																	
No. 2 Seven Foot Slope	Columbia	1,046	442	6,662	6	8,156	i	3,150	650	294	9	-	-	-	-	-	
Poponiak Brothers Coal Co.																	
No. 6 & 7 Vein Slopes	Northumberland	13	-	626	-	639	a	275	-	-	105	3	-	-	-	-	

		District 8										
		Production - net tons										
Operators and Collieries	County	Shipped to market	Sold	Used at	Total	Pounds permisable explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents	
		By railroad	By truck	to local trade								for steam and heat
R. B. F. Coal Co.												
Sagon Bank	Northumberland	1,252	1,293	958	-	3,503	-	-	57	2	-	
Luke Fidler Bank	Northumberland	569	523	562	-	1,654	-	-	35	3	-	
Total		1,821	1,816	1,520	-	5,157 j	-	-		5	-	
S. & D. Coal Co.												
No. 2 Rock Slope	Northumberland	-	-	-	-	- # *	-	-	45	3	-	
Sun Coal Co., Inc.												
Diamond Breaker	Northumberland	-	-	-	-	-	-	-	301	21	11	
Swamp Coal Co.												
No. 9½ Vein Slope	Northumberland	-	777	349	-	1,126 d	400	-	147	5	-	
White Birch Coal Co.												
Buck Mountain Slope	Schuylkill	-	-	-	-	#	-	-	48	2	-	
White Coal Co.												
Diamond Vein Slope	Schuylkill	1,151	767	1,919	-	3,837 h	1,800	800	216	5	-	
Zukus Coal Co.												
No. 4 Vein Slope	Northumberland	-	41	19	-	60 d	50	-	39	3	-	
District Total		23,939	174,884	78,537	6	277,366	21,307	12,350	196	213	37	

NOTE: (a) All coal prepared at Split Vein Breaker - District 11.
 (b) All coal prepared at Blaschak Breaker - District 7.
 (c) All coal shipped direct to Merck Chemical Co., Danville, Pa.
 (d) All coal prepared at Swift Breaker - District 11.
 (e) 780 tons prepared at Blaschak Breaker - District 7
 750 tons prepared at Starwood Breaker - District 7
 (f) All coal shipped direct to Pennsylvania Power & Light Co.
 (g) All coal prepared at Reichwein & Beury Breaker - District 9.

(h) All coal prepared at Malho Breaker - District 9.
 (i) 1,554 tons prepared at Mammoth Breaker - District 8
 6,602 tons prepared at Split Vein Breaker - District 11
 (j) 4,322 tons prepared at Glen Burn Breaker - District 10
 521 tons prepared at Savitski Breaker - District 9
 314 tons prepared at Split Vein Breaker - District 11
 # No production.
 * Ceased operations in 1970.

		District 9										
Al-Mar Coal Co.												
No. 2 Slope	Northumberland	-	681	306	-	987 a *	800	-	60	4	-	
Ashland Community Enterprises												
Pioneer Tunnel	Schuylkill	-	-	-	-	- b	-	-	305	8	-	
B. & B. Coal Co.												
No. 9 Vein Slope	Northumberland	-	205	-	-	205 c	150	-	37	3	-	
C. & P. Coal Co.												
Merriam Slope	Columbia	145	71	29	-	245 d *	250	200	25	8	-	
Conyngnam Contracting Co.												
Locust Gap Bank No. 63	Northumberland	5,693	-	3,956	-	9,649 *	-	-	104)	-	

		District 9											
		Production - net tons											
Operators and Collieries	County	Shipped to market	Sold to local	Used at colliery for steam and heat	Total production	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents		
		By railroad	By truck	trade									
Conyngham Contracting Co. (Continued)													
Potts Bank No. 45	Schuylkill	4,108	-	2,854	-	6,962	-	-	43	7	-	-	-
Total		9,801	-	6,810	-	16,611 e	-	-	7	-	-	-	-
Ennis Coal Co.													
Locust Run Slope	Columbia	148	72	30	-	250 d	200	-	97	3	-	1	-
G. M. P. Coal Co.													
Mammoth Slope	Northumberland	187	995	14,716	-	15,898 f	12,150	225	215	22	-	1	-
Gangloff Brothers													
Scott Bank	Northumberland	-	121,127	-	-	121,127 g	-	-	63	3	-	-	-
Lone Pine Coal Co.													
No. 4 Vein Slope	Northumberland	-	2,804	-	-	2,804 c	850	-	199	3	-	-	-
Malho Coal Co.													
Malho Breaker	Schuylkill	-	-	-	-	-	-	-	303	4	-	-	-
R. & L. Coal Co.													
Germantown Slope	Columbia	-	-	-	-	- h	-	-	45	2	-	-	-
Ranshaw Transportation & Auto Wreckers Co.													
Locust Gap Bank	Northumberland	-	4,900	-	-	4,900 i	-	-	53	4	-	-	-
Reading Anthracite Co.													
Merriam No. 1 A Silt Bank	Northumberland	1,011	250	565	-	1,826 j	-	-	87	5	-	-	-
Locust Summit Breaker	Northumberland	-	-	-	-	-	-	-	263	5	-	-	1
Total		1,011	250	565	-	1,826 k	-	-	10	-	-	-	1
Reichwein & Beury Coal Co.													
Reichwein & Beury Breaker	Schuylkill	-	-	-	-	-	-	-	303	2	-	-	-
Sanders Coal Co.													
No. 9 Vein Slope	Northumberland	-	1,517	-	-	1,517 c	725	-	142	4	-	-	-
Savitski Brothers Coal Sales													
Savitski Breaker	Northumberland	-	-	-	-	-	-	-	228	6	-	-	-
No. 1 Shaft	Northumberland	-	-	-	-	1	-	-	228	1	-	-	-
Total		-	-	-	-	-	-	-	7	-	-	-	-
Scott Coal Co.													
No. 7 Vein Slope	Columbia	2,065	1,015	420	-	3,500 m	4,300	-	255	4	-	-	-
Zanella Brothers Coal Co.													
Primrose Slope	Northumberland	-	2,101	978	-	3,079 n	2,600	-	261	4	-	-	-
District Total		13,357	135,738	23,854	-	172,949	22,025	425	174	102	-	3	-

NOTE: (a) All coal prepared at Swift Breaker - District 11.
 (b) Conducted mine tour and maintenance only.
 (c) All coal prepared at D. & Z. Breaker - District 11.

(d) All coal prepared at Mammoth Breaker - District 8.
 (e) All coal prepared at Diamond Breaker - District 8.
 (f) 13,825 tons prepared at G. M. P. Breaker - District 11
 2,073 tons prepared at Blaschak Breaker - District 7

District 9												
Production - net tons												
Operators and Collieries	County	Production - net tons			Pounds		Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents	Permis-	
		Shipped to market	By railroad	By truck	Sold to local trade	Used at colliery for steam and heat					Total production	sible explosives used
NOTE: (g)	All coal shipped direct to Pennsylvania Power & Light Co.				(m)	982 tons prepared at Mammoth Breaker - District 8						
(h)	Maintenance only.					1,603 tons prepared at Malho Breaker						
(i)	All coal prepared at Ranshaw Washery - District 10.					915 tons prepared at Reichwein & Beury Breaker						
(j)	Bagging and loading coal prepared at other Breakers.				(n)	34 tons prepared at Reidinger Breaker - District 11						
(k)	All coal prepared at New St. Nicholas Breaker - District 12.					3,045 tons prepared at Swift Breaker - District 11						
(l)	Pumping for Savitski Breaker only.				*	Ceased operations during 1970.						

District 10												
B. & B. Coal Co.	Northumberland	2,148	6,267	538	-	8,953 a	9,500	-	280	4	-	-
Bell Coal Co.	Northumberland	-	210	-	-	210 a *	50	-	21	3	-	-
C. & F. Coal Co.	Northumberland	-	-	-	-	-	-	-	30	4	-	-
Chestnut Coal Co.	Northumberland	-	259	116	-	375 b *	100	-	41	3	-	-
Clay Coal Co.	Northumberland	-	2,050	-	-	2,050 c	2,700	-	165	4	-	-
D. & S. Coal Co.	Northumberland	-	4,531	-	-	4,531 d	975	-	300	3	-	-
Dancott Coal Co.	Northumberland	77	71	35	-	183 e *	-	-	15	1	-	-
Duke Associates	Northumberland	-	3,045	1,368	10	4,423 b	2,975	-	230	3	-	-
Duke Mining Co.	Northumberland	-	4,624	2,077	-	6,701 b	5,750	-	230	5	-	-
Glen Burn Colliery, Inc.	Northumberland	1,476	1,372	667	-	3,515	-	-	145	3	-	-
Tharptown Bank	Northumberland	-	-	-	-	-	-	-	191	50	-	18
Glen Burn Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Total		1,476	1,372	667	-	3,515 e	-	-	53	-	-	18
H. & S. Coal Co.	Northumberland	1,875	1,740	849	-	4,464 e *	2,825	-	75	18	-	-
Glen Burn Drift	Northumberland	-	700	315	-	1,015 b	875	-	223	3	-	-
K. & K. Coal Co.	Northumberland	-	-	-	-	- f	-	-	70	12	-	-
No. 5 Vein Rock Slope	Northumberland	659	1,920	164	-	2,743 a	350	-	228	3	-	-
Laredo, Lower Anthracite Regional Economic Development Organization, Inc.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Glen Burn Mine Tour	Northumberland	1,920	5,620	480	-	8,020 a	5,000	-	325	7	-	-
M. G. & S. Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
No. 4 Vein Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Maurer Coal Co., Paul	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Zero Vein Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-

		District 10 Production - net tons					Pounds				Non-	
Operators and Collieries	County	Shipped to market		Sold to	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Fatal acci-dents
		By railroad	By truck	local trade	for steam and heat	production:						
Motto Partnership												
No. 10 Vein S. D. Slope	Northumberland	-	2,013	-	-	2,013 c	1,300	-	275	3	-	1
Mountain View Coal Co.												
No. 1 Slope	Northumberland	-	7,662	3,442	-	11,104 b	2,300	-	237	6	-	-
Norwood Mining Co.												
No. 3 Slope	Northumberland	281	4,100	1,275	-	5,656 g	1,000	-	250	10	-	-
P. & R. Coal Co.												
No. 5 Vein Rock Slope	Northumberland	-	580	261	-	841 h *	150	-	73	3	-	-
Pine Line Coal Co.												
No. 9½ Vein Drift	Northumberland	3,693	3,429	1,671	-	8,793 e	5,000	-	248	7	-	-
R. B. F. Coal Co.												
Colbert Bank	Northumberland	-	1,305	-	-	1,305 i *	-	-	16	8	-	-
Ranshaw Transportation & Auto Wreckers Co.												
Ranshaw Washery	Northumberland	-	-	-	-	-	-	-	212	4	-	-
Rocky Side Coal Co.												
No. 1 Slope	Northumberland	-	439	197	-	636 b	1,500	-	80	4	-	-
Rosini Coal Co.												
Rosini Breaker	Northumberland	-	-	-	-	-	-	-	325	10	-	-
S. & C. Coal Co.												
No. 4 Slope	Northumberland	507	1,480	127	-	2,114 a *	1,250	-	115	11	-	-
Split Vein Coal Co.												
No. 2 Slope	Northumberland	1,686	-	6,744	-	8,430 h	10,500	-	312	11	-	1
Sunshine Coal Co.												
Sunshine Breaker	Northumberland	-	-	-	-	-	-	-	290	7	-	1
Tower Coal Co.												
No. 1 Slope	Northumberland	526	1,534	132	-	2,192 a	900	-	119	3	-	-
Twin Oaks Coal Co.												
No. 4 Slope	Northumberland	715	2,086	179	-	2,980 j	2,750	-	240	3	-	-
West Cameron Coal Co.												
No. 2 Slope	Northumberland	-	7,548	3,392	-	10,940 k	5,000	-	251	5	-	1
District Total		15,563	64,585	24,029	10	104,187	62,750	-	184	221	-	22

NOTE: (a) All coal prepared at Sunshine Breaker.
 (b) All coal prepared at Swift Breaker - District 11.
 (c) All coal prepared at D. & Z. Breaker - District 11.
 (d) 134 tons prepared at Swift Breaker - District 11
 256 tons prepared at D. & Z. Breaker - District 11
 1,566 tons prepared at Ace Breaker - District 11
 2,575 tons purchased by Ray Vought Coal Co. and shipped to Anthracite Industries, Sunbury, Pa.

(e) All coal prepared at Glen Burn Breaker - District 10.
 (f) Conducted mine tour and maintenance only.
 (g) 5,000 tons prepared at Carbon Run
 656 tons prepared at Split Vein Breaker - District 11
 Mine was formerly operated by Alarcon Coal Co.-changed ownership in August, 1970 - produced 5,000 tons, worked 119 days, 8 men, used 600 lbs. explosives.

		District 10									
		Production - net tons				Pounds					
		Shipped to market		Used at colliery		Pounds		Days		Fatal fatal	
		By railroad		By local trade		permis- sible ex- plosives		dynamite used		Empl- acci- acci- dents dents	
Operators and Collieries	County	By truck	By trade	for steam and heat	Total production:	used	used	worked	oves	dents	dents
NOTE: (h)	All coal prepared at Split Vein Breaker - District 11.				(j)	All coal prepared at Reitz Breaker - District 11.					
(i)	490 tons prepared at Glen Burn Breaker - District 10				(k)	3,855 tons prepared at Swift Breaker - District 11					
	350 tons prepared at Ranshaw Breaker - District 10					2,360 tons prepared at Reitz Breaker - District 11.					
	465 tons prepared at Atlas Breaker - District 8					4,725 tons shipped directly to Merck Chemical Co., Danville, Pa.					
*	Denotes mines finished in 1970.										

		District 11									
Ace Coal Sales											
Ace Breaker	Northumberland	-	-	-	-	*	-	-	47	1	-
Bank Coal Co., Inc.											
10 Vein S. D. Slope	Northumberland	-	1,849	-	-	1,849 a *	900	-	63	6	-
Bush Coal Co.											
11 Vein S. D. Rock Slope	Northumberland	275	-	8,895	-	9,170 b	2,300	-	287	5	-
D. H. & W. Coal Co.											
9½ Vein N. D. 1 & 4 Slopes	Northumberland	-	6,506	-	-	6,506 c *	2,000	-	139	6	-
D. & M. Coal Co.											
1 Vein S. D. No. 2 Slope	Northumberland	241	3,094	61	-	3,396 d	1,850	-	252	3	-
D. & Z. Coal Co.											
D. & Z. Breaker	Northumberland	-	-	-	-	-	-	-	162	8	-
4-D Coal Co.											
11 Vein N. D. 1 & 2 Slopes	Northumberland	-	11,117	-	-	11,117	9,900	-	304	8	-
4-D Crusher Plant	Northumberland	-	-	-	-	-	-	-	74	1	-
Total		-	11,117	-	-	11,117 c	9,900	-		9	-
G. & D. Partners Coal Co.											
9½ Vein S. D. No. 2 Slope	Northumberland	65	-	3,029	-	3,094 e	1,800	-	258	4	-
G. M. P. Coal Co., Inc.											
G. M. P. Breaker	Northumberland	-	-	-	-	-	-	-	240	5	-
Gem Coal Co.											
11 Vein S. D. 2 & 3 Slopes	Northumberland	-	7,713	-	-	7,713 *	4,000	-	211	7)	2
11 Vein N. D. No. 4 Slope	Northumberland	-	2,725	-	-	2,725	1,200	-	101)	1
Total		-	10,438	-	-	10,438 e	5,200	-		7	3
Glen Burn Colliery, Inc.											
Weigh Scales Bank	Northumberland	5,524	5,139	2,489	-	13,152 f *	-	-	64	3	-
H. J. & H. Coal Co., Inc.											
Reitz Fine Coal Plant	Northumberland	-	-	-	-	-	-	-	250	9	-
Hoover Mining Co., Inc.											
Hoover Breaker	Northumberland	-	-	-	-	- *	-	-	100	3	-
Lady Luck Coal Co.											
2 Vein S. D. Slope	Northumberland	-	536	-	-	536 c *	325	-	151	4	-
Lower Region Colliery, Inc.											
Lower Region Washery	Northumberland	-	-	-	-	- # *	-	-	21	2	-

		District 11 Production - net tons				Pounds		Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents	
Operators and Collieries		Shipped to market		Sold to local trade	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used					Pounds dynamite used
County		By railroad	By truck									
M. & Z. Coal Co.	Northumberland	-	228	-	-	228 c *	300	-	159	4	-	-
Zero Lykens S. D. Drift, Slope												
Marquette Coal Co.	Northumberland	-	1,325	-	-	1,325 c *	780	-	133	3	-	-
12 Vein S. D. Slope												
Moore Brothers Coal Co.	Northumberland	342	3,412	85	-	3,839 g	1,800	-	236	4	-	-
9½ Vein N. D. Slope												
Moroz Coal Co.	Northumberland	-	2,337	-	-	2,337 h	-	-	84	2	-	-
Bellaire Bank												
Mudry Trucking Co.	Northumberland	-	22,429	-	-	22,429 i	-	-	70	3	-	-
Trevorton Slush Bank 57-3												
N. & L. Coal Co.	Northumberland	206	623	61	-	890 n	400	-	186	3	-	-
4 Vein S. D. Cross Pitch Slope												
R. & R. Coal Co., Inc.	Northumberland	-	11,026	-	-	11,026 o	7,800	-	261	9	-	-
10 & 10½ Veins N. D. No. 1 Slope												
11 Vein N. D. No. 2 Slope	Northumberland	-	6,250	-	-	6,250 p	4,300	-	156	12	-	1
Total		-	17,276	-	-	17,276 j	12,100	-		21	-	1
Reading Anthracite Co.												
Trevorton Refuse Bank 228	Northumberland	22,543	109	2,284	-	24,936	-	-	236	2	-	1
Trevorton Slush Bank 57-1	Northumberland	66,615	321	6,751	-	73,687	-	-	236	3	-	-
North Franklin Bank No. 2	Northumberland	1,856	4,388	188	-	6,432	-	-	17	3	-	-
Trevorton Breaker	Northumberland	-	-	-	-	-	-	-	243	19	-	-
Total		91,014	4,818	9,223	-	105,055 k	-	-		27	-	1
Reidinger Coal Service, Inc.												
Reidinger Breaker	Northumberland	-	-	-	-	-	-	-	281	8	-	2
Slo Burn Coal Co., Inc.												
Slo Burn Washery	Northumberland	-	-	-	-	- *	-	-	56	4	-	-
Split Vein Coal Co., Inc.												
Split Vein Breaker	Northumberland	-	-	-	-	-	-	-	312	14	-	-
Springfield Coal Co.												
7 & 5 Veins S. D. No. 1 Drift	Northumberland	-	-	-	-	- # *	-	-	46	4	-	-
Swift Coal Sales, Inc.												
Swift Breaker	Northumberland	-	-	-	-	-	-	-	303	9	-	-
T. & L. Coal Co.												
Zero Lykens S. D. Slope	Northumberland	359	1,851	90	-	2,300 l	1,200	-	226	5	-	-
T. & M. Coal Co.												
14 Vein S. D. No. 2 Slope	Northumberland	23	621	114	-	758 m *	325	-	85	3	-	-
District Total		98,049	93,599	24,047	-	215,695	41,180	-	207	189	-	7

		District 11				Production - net tons				Pounds			
		: Shipped to market :		: Sold to colliery :		: Used at for steam and heat :		: Total production :		: permiss- sible ex- plosives :		: Fatal fatal :	
Operators and Collieries		: By railroad :		: By truck :		: local trade :		: Total production :		: dynamite used :		: Fatal fatal :	
County		: By railroad :		: By truck :		: local trade :		: Total production :		: dynamite used :		: Fatal fatal :	
NOTE: (a)	All coal prepared at Slo-Burn Washery.												
(b)	All coal prepared at Reidinger Breaker.												
(c)	All coal prepared at Reitz Fine Coal Plant.												
(d)	2,390 tons prepared at Reitz Fine Coal Plant												
	1,006 tons prepared at Sunshine Breaker - District 10												
(e)	2,713 tons prepared at Split Vein Breaker												
	381 tons prepared at Reidinger Breaker												
(f)	All coal prepared at Glen Burn Breaker - District 10												
(g)	1,905 tons prepared at Reitz Fine Coal Plant												
	1,424 tons prepared at Sunshine Breaker - District 10												
	510 tons shipped by truck directly to Anthracite Industries, Sunbury, Pa.												
(h)	All coal prepared at D. & Z. Breaker.												
(i)	All coal shipped by truck directly to Pennsylvania Power & Light Co.												
#	No production - maintenance only.												
*	Ceased operations during 1970.												
(j)	All coal prepared at Reitz Fine Coal Plant.												
	No. 1 Slope was formerly operated by Phillips Coal Co. No. 4, who produced 2,747 tons, used 1,100 lbs. explosives, worked 101 days with 7 men, changed to R. & R. Coal Co. No. 1 in May 1970.												
	No. 2 Slope was formerly operated by Gem Coal Co. No. 4, who produced 2,725 tons, used 1,200 lbs. of explosives, worked 101 days, with 6 men, changed to R. & R. Coal Co. No. 2 in May 1970.												
(k)	100,676 tons prepared at Trevorton Breaker												
	4,379 tons shipped by truck directly to Keystone Filler Co.												
(l)	1,495 tons prepared at Sunshine Breaker - District 10												
(m)	805 tons prepared at Reitz Fine Coal Plant												
(n)	All coal prepared at Carbon Run Breaker - District 10.												
(n)	All coal prepared at Sunshine Breaker - District 10.												

		District 12											
A. & D. Coal Co.													
Mammoth Slope	Schuylkill	49	212	163	-	424 a #	350	-	79	3	-	-	
Adams Co., Inc., Robert B. Kaska Bank	Schuylkill	-	-	-	-	- b	-	-	120	2	-	-	
Bernitsky Coal Co. No. 1 Slope	Schuylkill	202	314	203	8	727 c	400	-	126	3	-	1	
Bernitsky & Stenulis Partnership Bottom Split Slope	Schuylkill	2,804	5,221	3,165	113	11,303 d	3,000	-	240	7	-	-	
Bubel Mining Co., Inc. Holmes Slope	Schuylkill	41	217	194	-	452 e #	300	-	70	6	-	-	
Cass Contracting Co. Marlin Breaker	Schuylkill	-	-	-	-	-	-	-	180	9	-	-	
Correale Construction Co. Nesquehoning Cleaner Plant	Carbon	-	-	-	-	-	-	-	170	12	-	-	
Nesquehoning Bank	Carbon	87	46,461	2,055	-	48,603	-	-	170	27	-	-	
Total		87	46,461	2,055	-	48,603 f	-	-	39	-	-	-	
David Coal Co. Seven Foot Slope	Schuylkill	70	2,085	1,164	33	3,352 g	2,500	-	201	4	-	-	
Eagle Hill Coal Co. Eagle Hill Bank	Schuylkill	-	39,500	-	-	39,500 h	-	-	57	3	-	-	
Garber Coal Co., Paul Little Buck Slope	Schuylkill	-	-	-	-	- i	-	-	42	2	-	-	

		District 12 Production - net tons					Pounds				Fatal	Non-
		Shipped to market	Sold to local	Used at colliery	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oyes	acci-dents	fatal acci-dents	
Operators and Collieries	County	By railroad	By truck	for steam and heat	production							
Ginther Coal Co.												
Lucarna Bank	Schuylkill	32,896	-	-	32,896	-	-	203	3	-	-	
Lucarna Fine Coal Plant	Schuylkill	-	-	-	-	-	-	203	3	-	-	
Total		32,896	-	-	32,896 j	-	-	-	6	-	-	
Gorenty Coal Co.												
Gorenty Tunnel	Schuylkill	-	-	-	- k	-	-	12	3	-	-	
Greenwood Mining Co.												
Greenwood Breaker	Schuylkill	-	-	-	-	-	-	244	102	-	10	
Greenwood Fine Coal Plant	Schuylkill	-	-	-	-	-	-	252	31	-	1	
Total		-	-	-	-	-	-	-	133	-	11	
Grove Coal Co.												
St. Clair Railroad Bank	Schuylkill	10,447	3,584	2,274	16,305 l	-	-	108	4	-	-	
K. & P. Coal Co.												
K. & P. Breaker	Schuylkill	-	-	-	-	-	-	198	7	-	-	
Klimas Coal Co.												
No. 7 Slope	Schuylkill	1,213	2,426	2,133	5,804 m	1,200	800	270	9	-	1	
L. C. Enterprises												
Kaska Bank	Schuylkill	-	-	-	- n	-	-	4	2	-	-	
Lanscoal Mining Co., Inc.												
No. 9 Slope	Carbon	11,219	5,227	1,767	18,213 o	14,500	1,000	225	16	-	2	
Lehigh Valley Anthracite, Inc.												
Salem Creek Breaker	Schuylkill	-	-	-	-	-	-	255	4	-	-	
Manbeck Dredging Co., Inc.												
Lowland Bank	Schuylkill	10,584	11,016	-	21,600	-	-	177	3	-	-	
No. 6 Bank	Carbon	2,100	62,800	-	64,900	-	-	283	4	-	-	
Lowland Washery	Schuylkill	-	-	-	-	-	-	211	5	-	-	
No. 6 Washery	Carbon	-	-	-	-	-	-	283	7	-	1	
Total		12,684	73,816	-	86,500 p	-	-	-	19	-	1	
Mar Strip & Excavating Co.												
No. 6 Bank	Carbon	39,529	18,417	6,229	64,175 o	-	-	258	39	-	-	
Mountain Side Coal Co.												
Mountain Side Breaker	Schuylkill	-	-	-	-	-	-	295	2	-	-	
My Own Coal Co.												
Orchard Slope	Schuylkill	365	833	538	1,736 q	1,000	-	78	3	-	-	
Niadra Coal Co., Frank												
Skidmore Slope	Schuylkill	479	255	861	1,595 r	900	-	206	2	-	-	
Pacine Coal Co.												
P-Bank	Schuylkill	3,924	905	1,207	6,036 s	-	-	43	3	-	-	
Premium Fine Coal Co., Inc.												
Premium Bank	Schuylkill	-	19,094	4,774	23,868	-	-	162	3	-	-	

		District 12				Production - net tons		Pounds				Non-	
		Shipped to market		Sold		Used at		permissible explosives		Pounds dynamite used		Fatal fatal	
Operators and Collieries		By railroad		By truck		local for steam and heat		Total production		Days worked		Empl- Fatal fatal	
County		: road		: truck		: trade		: used		: used		: oves dents dents	
Premium Fine Coal Co., Inc. (Continued)													
Premium Fine Plant		-		-		-		-		172		3	
Total		-		19,094		4,774		23,868 t		-		6	
Reading Anthracite Co.													
Oak Hill Slush Bank No. 73		214		55		121		390		78		3	
St. Clair Slush Bank No. 85-1		5,830		1,484		3,286		10,600		39		2	
Beechwood Cleaner Plant		-		-		-		-		231		5	
New St. Nicholas Breaker		-		-		-		-		277		29	
New St. Nicholas Fine Coal Plant		-		-		-		-		275		31	
Pine Forest Cleaner Plant		-		-		-		-		211		7	
Total		6,044		1,539		3,407		10,990 u		-		77	
Schickram, William													
No. 8 Bank		52,303		24,368		8,236		84,907 o		264		26	
Schuster Brothers Coal Co.													
Schuster Bank		-		-		-		-		15		1	
Schuster Fine Coal Plant		-		-		-		-		80		6	
Total		-		-		-		v		-		7	
Silver Creek Coal Co., Inc.													
Silver Creek Breaker		-		-		-		-		156		6	
Skrupnek Coal Co.													
Skidmore Slope		-		18		164		182 w		100		156	
South Tamaqua Coal Pockets													
South Tamaqua Breaker		-		-		-		-		214		4	
T. E. & E. Coal Co.													
Water Level Tunnel		572		443		401		14		1,430 x		700	
Thirty Slope, Inc.													
Thirty Slope		2,234		1,276		7,127		-		10,637 y		8,000	
Tracy Coal Co.													
Tracy Vein Slope		1,471		1,997		-		35		3,503 z		2,000	
Whipoorwill Coal Co.													
Top Split Slope		641		497		448		16		1,602 x		1,250	
Williams Coal Co., Evan													
Primrose Slope		-		1,028		2,898		20		3,946 aa #		2,500	
Zakrewsky Coal Co.													
Buck Mountain Slope		477		2,023		8,401		29		10,930 bb		3,500	
District Total		179,751		251,756		57,809		300		489,616		42,200	
										2,300		220	
												497	
												-	
												19	

NOTE: # Mines completed and permanently abandoned during 1970.

		District 12									
		Production - net tons						Pounds			
		Shipped to market		Sold		Used at		permis-			
		By		to		colliery		sible ex-			
		By		local		for steam		plosives			
		railroad		trade		and heat		production:			
Operators and Collieries		County						used		Fatal	
								dynamite		accidents	
								Days		Fatal	
								worked		accidents	
								eyes		fatal	
								dents		fatal	
								dents		fatal	
NOTE: (a)	165 tons prepared at Malho Breaker - District 9							(m)	1,035 tons prepared at Schneck Breaker - District 14		
	259 tons prepared at Swift Breaker - District 11							(n)	No production. Began operations in December, 1970.		
	Ceased operations in July, 1970.							(o)	All coal prepared at Greenwood Breaker.		
(b)	Ceased operations in April, 1970. Coal stored on property.							(p)	21,600 tons prepared at Lowland Washery		
(c)	487 tons prepared at Silver Creek Breaker								64,900 tons prepared at No. 6 Washery		
	240 tons prepared at Olenick Breaker - District 13							(q)	Lowland Washery and Bank ceased operations in September, 1970.		
(d)	6,664 tons prepared at Silver Creek Breaker								All coal prepared at Live Oak Breaker - District 13.		
	4,639 tons prepared at Olenick Breaker - District 13							(r)	Ceased operations in September, 1970.		
(e)	All coal prepared at Starwood Breaker - District 7.							(s)	All coal prepared at K. & P. Breaker.		
	Ceased operations in April, 1970.							(t)	All coal prepared at Marlin Breaker.		
(f)	46,082 tons prepared at Nesquehoning Breaker								Began operations in October, 1970.		
	2,521 tons prepared at Honeybrook Breaker - District 7							(u)	All coal prepared at Premium Fine Coal Plant.		
	Ceased operations in September, 1970.							(v)	Began operations in May, 1970.		
(g)	1,023 tons prepared at DiRenzo Breaker - District 13							(w)	17 tons prepared at Mountain Side Breaker		
	2,329 tons prepared at Olenick Breaker - District 13							(x)	165 tons prepared at Mazaika Breaker - District 7		
(h)	All coal shipped unprepared to New Jersey Zinc Co.							(y)	All coal prepared at Silver Creek Breaker.		
	Began operations in October, 1970.							(z)	All coal prepared at Blaschak Breaker - District 7.		
(i)	Operation is being rehabilitated.							(aa)	All coal prepared at Schneck Breaker - District 14.		
(j)	All coal prepared at Lucama Fine Coal Plant.								1,981 tons prepared at Tamaqua Breaker		
	Began operations in March, 1970.								1,965 tons prepared at Mazaika Breaker - District 7		
(k)	Maintenance work only. Ceased operations in June, 1970.							(ab)	6,264 tons prepared at Mountain Side Breaker		
(l)	1,224 tons prepared at Marlin Breaker								273 tons prepared at Tamaqua Breaker		
	2,846 tons prepared at Blaschak Breaker - District 7								1,590 tons prepared at Malho Breaker - District 9		
	12,235 tons prepared at Lytle Breaker - District 13								178 tons prepared at Swift Breaker - District 11		
(m)	2,335 tons prepared at K. & P. Breaker								2,625 tons prepared at Underkoffler Breaker - District 16		
	42 tons prepared at Silver Creek Breaker										
	98 tons prepared at DiRenzo Breaker - District 13										
	279 tons prepared at Mazaika Breaker - District 7										
	2,015 tons prepared at Olenick Breaker - District 13										

		District 13									
B. & F. Coal Co.											
Seven Foot Slope	Schuylkill	569	174	102	2	847 a	550	-	182	3	-
Bosack Coal Co.											
No. 2 Drift Tunnel	Schuylkill	537	539	1,660	-	2,736 b	2,600	-	158	3	-
C. L. M. Partnership											
Phoenix Park Bank	Schuylkill	-	8,882	2,220	-	11,102 c	-	-	102	3	-
C. L. S. Coal Co.											
Branch Bank	Schuylkill	-	11,445	2,861	-	14,306	-	-	112	4	1
Maple Spring Breaker	Schuylkill	-	-	-	-	-	-	-	249	7	-
Total		-	11,445	2,861	-	14,306 c	-	-	11	-	1

		District 13 Production - net tons				Pounds				Fatal	Non-	
Operators and Collieries		County	Shipped to market	Sold to local trade	Used at colliery for steam and heat	Total production	permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents
Coxe Coal Co.												
Woods Drift	Schuylkill	-	1,569	1,583	17	3,169 d	17,500	800	198	4	-	-
Dando Coal Co., Fredrick P.												
No. 12 Rock Slope	Schuylkill	176	3,121	1,316	4	4,617 e	1,650	-	255	5	-	2
Dembinsky Coal Co.												
No. 3 Slope	Schuylkill	-	-	-	-	- f	-	-	43	3	-	-
DiRenzo Coal Co.												
DiRenzo Breaker	Schuylkill	-	-	-	-	-	-	-	281	8	-	-
Federovich Coal Co., J.												
Primrose Slope	Schuylkill	2,217	5,382	4,200	-	11,799 g	1,200	100	207	5	-	-
Gangloff Brothers												
Branchdale Refuse Bank	Schuylkill	-	15,868	-	-	15,868 h	-	-	66	1	-	-
Glenn Worth Coal Co.												
Glenn Worth Breaker	Schuylkill	-	-	-	-	-	-	-	136	3	-	-
Hatter Coal Co.												
No. 1 Slope	Schuylkill	4,430	14,979	1,688	-	21,097 i	15,000	1,000	302	11	-	3
Hegins Mining Co.												
Sharp Mountain Slope	Schuylkill	-	4,108	2,893	7	7,008	2,900	1,350	206	8	-	2
No. 2 Slope	Schuylkill	-	3,797	2,675	6	6,478	8,500	-	306	8	-	-
Hillside Breaker	Schuylkill	-	-	-	-	-	-	-	305	8	-	-
Total		-	7,905	5,568	13	13,486 j	11,400	1,350	24	-	-	-
K. & M. Coal Co.												
West Wood Slope	Schuylkill	23	416	175	1	615 e k	50	-	74	4	-	-
K. H. K. Coal Co.												
No. 4 Vein Slope	Schuylkill	66	58	19	1	144 l	225	175	103	3	-	-
K. S. F. Coal Co.												
K. S. F. Slope	Schuylkill	2,155	12,448	1,973	136	16,712 m	24,350	-	298	11	-	2
K. Y. M. Coal Co.												
Top Split Slope	Schuylkill	83	1,484	626	2	2,195 e	4,000	-	200	4	-	-
Keim Coal Co., Ralph												
Otto Bank	Schuylkill	44,477	13,625	8,014	119	66,235 a	-	-	245	7	-	-
Klinger Coal Co.												
No. 1 Slope	Schuylkill	104	2,282	1,205	4	3,595 n	3,000	-	290	3	-	-
L. E. H. Mining Co.												
L. E. H. Slope	Schuylkill	-	4,074	2,869	7	6,950 j	6,000	-	231	5	-	-
Live Oak Coal Co.												
Live Oak Breaker	Schuylkill	-	-	-	-	-	-	-	189	3	-	-
M. & N. Coal Co.												
Middle Split Slope	Schuylkill	-	-	-	-	- o	-	-	31	3	-	-
Miller Coal Co.												
Miller Slope	Schuylkill	-	-	-	-	- p	-	-	180	2	-	-

District 13

Operators and Collieries	County	Production - net tons				Total production:	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market	Sold to local trade	Used at colliery for steam and heat	Used at colliery for steam and heat							
		By railroad	By truck	By local trade	By local trade							
Minersville Coal Co. Minersville Breaker	Schuylkill	-	-	-	-	-	-	208	8	-	1	
Mr. Koch Coal Co. Selkirk Slope	Schuylkill	-	-	-	-	q	-	14	3	-	-	
Old Mill Coal Yard Old Mill Breaker	Schuylkill	-	-	-	-	-	-	87	3	-	-	
Olenick Brothers Coal Co. Olenick Silt Dam Bank Olenick Breaker	Schuylkill	980	872	280	21	2,153	-	16	2	-	-	
Total		980	872	280	21	2,153	l	-	8	-	1	
P. & H. Coal Co. White Ash Slope	Schuylkill	101	1,800	759	2	2,662	e	1,300	-	223	6	-
Reading Anthracite Co. Oak Hill Refuse Bank No. 235 Pine Knot Refuse Bank No. 204	Schuylkill	10,383	18,422	4,689	-	33,494	-	-	125	2	-	-
Total	Schuylkill	6,443	1,640	3,631	-	11,714	-	-	64	11	-	-
Reichwein & Beury Coal Co. R. & B. Slope	Schuylkill	16,826	20,062	8,320	-	45,208	r	-	-	13	-	-
S. & B. Coal Co. S. & B. Drift Tunnel	Schuylkill	4,141	3,686	1,183	91	9,101	l	15,500	-	294	7	-
S. & M. Coal Co. No. 2 Slope	Schuylkill	18	317	133	1	469	e	150	-	59	2	-
Schuylkill Contracting Co. Buck Run Slush Bank	Schuylkill	3,938	2,995	2,513	31	9,477	s	10,000	-	286	6	-
Seanawatis Brothers Coal Co. Bottom Split Slope	Schuylkill	10,828	31,731	38	-	42,597	t	-	-	136	6	-
Siminitus Coal Co. Four Foot Slope	Schuylkill	77	1,372	579	2	2,030	e	15,300	400	86	4	-
Snyder Coal Co., Leroy No. 2 Buck Mountain Slope	Schuylkill	-	-	-	-	-	u	-	-	14	2	-
Studlack Partnership Buck Mountain Slope	Schuylkill	100	3,452	3,580	37	7,169	v	650	-	297	7	-
Swatara Coal Co. Swatara Breaker	Schuylkill	1	2	2	-	5	w	25	-	23	3	-
Tokarchek Coal Co. Tokarchek Slope	Schuylkill	-	-	-	-	-	-	-	-	254	34	-
Walaitis Coal Co. No. 2 & 3 Slopes	Schuylkill	1,324	1,124	539	4	2,991	x	1,000	500	203	3	-
West West Coal Co. Woodside Tunnel	Schuylkill	28	258	118	1	405	y	225	-	119	3	-
	Schuylkill	252	2,193	1,908	21	4,374	z	7,000	250	281	5	-

		District 13 Production - net tons				Pounds				Non-	
		Shipped to market	Sold to local	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	fatal acci- dents	fatal acci- dents
Operators and Collieries	County	By railroad	By truck	local trade							
Winne Land Co.	Schuylkill	-	-	-	-	-	-	176	9	-	1
Iytle Washery	Schuylkill	-	-	-	-	aa	-	37	2	-	-
Woodside Mining Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-
Buck Mountain Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-
Woratyla Coal Co.	Schuylkill	7,868	5,592	3,187	24	16,671 bb	6,200	-	251	8	-
Middle Split Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-
District Total		101,319	179,707	59,218	541	340,785	144,875	4,575	211	271	- 17

- NOTE: (a) All coal prepared at Swatara Breaker. (q) Selkirk Slope ceased operations in September, 1970.
- (b) 1,790 tons prepared at K. & P. Breaker - District 12 (r) All coal prepared at New St. Nicholas Breaker.
- 946 tons prepared at Glenn Worth Breaker (s) 3,612 tons prepared at DiRenzo Breaker
- (c) All coal prepared at Maple Spring Breaker. 5,865 tons prepared at Swatara Breaker
- (d) All coal prepared at DiRenzo Breaker. (t) All coal prepared at Iytle Washery.
- (e) All coal prepared at Olenick Breaker. (u) Four Foot Slope ceased operation in September, 1970.
- (f) Maintenance work only. (v) 6,769 tons prepared at DiRenzo Breaker
- (g) 10,453 tons prepared at Live Oak Breaker 400 tons prepared at Old Mill Breaker
- 1,346 tons prepared at Glenn Worth Breaker (w) All coal prepared at Live Oak Breaker.
- (h) All coal shipped directly to Pennsylvania Power & Light Co. (x) 1,081 tons prepared at Olenick Breaker
- (i) All coal prepared at Superior Breaker - District 15. 1,910 tons prepared at Swatara Breaker
- (j) All coal prepared at Hillside Breaker. (y) 345 tons prepared at Olenick Breaker
- (k) Westwood Slope ceased operations in December, 1970. 23 tons prepared at Old Mill Breaker
- (l) All coal prepared at Kocher Breaker - District 15. 37 tons prepared at Live Oak Breaker
- (m) 10,873 tons prepared at Franklin Breaker - District 14 (z) 3,170 tons prepared at DiRenzo Breaker
- 4,737 tons prepared at Kocher Breaker - District 15 739 tons prepared at Minersville Breaker
- 1,102 tons prepared at Hillside Breaker 271 tons prepared at Old Mill Breaker
- (n) 1,690 tons prepared at Olenick Breaker 194 tons prepared at K. & P. Breaker - District 12
- 1,715 tons prepared at Hillside Breaker (aa) Buck Mountain Slope ceased operations in December, 1970.
- 190 tons prepared at Superior Breaker - District 15 (bb) 4,493 tons prepared at Olenick Breaker
- (o) Middle Split Slope ceased operation in September, 1970. 11,037 tons prepared at Swatara Breaker
- (p) Miller Slope maintained for pumping water only. 1,141 tons prepared at Old Mill Breaker

		District 14									
Blue Bell Enterprises, Inc.	Schuylkill	276	402	171	1	850	-	-	19	2	-
Blackwood Bank	Schuylkill	79	114	49	-	242	-	-	9	2	-
Schneck Bank	Schuylkill	253	368	157	-	778	-	-	25	2	-
Rausch Creek Bank	Schuylkill	-	-	-	-	-	-	-	150	4	-
Tremont Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-
Total		608	884	377	1	1,870 a	-	-	10	-	-

		District 14				Production - net tons		Pounds				Non-	
		Shipped to market		Sold to local trade	Used at colliery for steam and heat	Total production	permis-sible explosives used	Pounds dynamite used	Days worked	Empl-oyes	Fatal acci-dents	Fatal acci-dents	
Operators and Collieries	County	By railroad	By truck										
Chyke Coal Co. Tracy Slope	Schuylkill	675	476	2,217	12	3,380 b	2,050	-	240	4	-	-	
Colket Coal Co. No. 3 Slope	Schuylkill	94	4,215	437	193	4,939 c	4,900	-	279	3	-	-	
Franklin Coal Co. Franklin Hydrotated Breaker	Schuylkill	-	-	-	-	-	-	-	245	10	-	-	
Harner Coal Co. Primrose Slope	Schuylkill	-	11,148	1,018	98	12,264 d	10,900	-	302	5	-	-	
Harner Coal Co., Junior Harner Drift	Schuylkill	190	1,231	1,018	70	2,509 e	2,125	-	285	3	-	-	
Hegins Mining Co. No. 5 West Slope	Schuylkill	-	9,519	6,643	10	16,172 f	13,600	-	303	15	-	2	
Herring Brothers Coal Co. Herring Slope	Schuylkill	1,248	1,680	-	9	2,937 g	1,950	100	183	6	-	-	
Industrial Coal Sales Co. Donaldson Breaker	Schuylkill	-	-	-	-	-	-	-	110	12	-	-	
M. W. S. Coal Co. Holmes Slope	Schuylkill	2,713	6,793	1,412	19	10,937 h	13,650	-	352	7	-	-	
Madenford Coal Co. No. 1 Vein Slope	Schuylkill	777	6,252	2,302	315	9,646 i	13,200	-	291	6	-	-	
Mercury Coal Co. No. 4 Drift	Schuylkill	10,449	9,301	3,192	23	22,965 j	17,950	-	299	19	1	1	
Mountain Top Coal Co. Orchard Slope	Schuylkill	-	122	61	-	183 k	450	-	168	3	-	-	
Neumeister Coal Co., J. No. 1 Slope	Schuylkill	-	3,925	3,646	26	7,597 l	6,500	-	184	6	-	2	
Oakwood Coal Co. Oakwood Breaker	Schuylkill	-	-	-	-	-	-	-	306	9	-	-	
P. & M. Coal Co. Orchard Slope	Schuylkill	1,644	6,252	3,061	20	10,977 m	8,100	-	294	8	-	-	
Renninger Coal Co. Buck Mountain Slope	Schuylkill	84	1,580	1,758	2	3,424 n	3,900	-	238	5	-	-	
Schneck Coal Co., Thomas W. Schneck Breaker	Schuylkill	-	-	-	-	-	-	-	306	11	-	-	
Schwartzlander Coal Co. No. 1 Slope	Schuylkill	276	1,341	1,770	70	3,457 o	2,100	-	125	3	-	-	
Senawaitis Brothers Coal Co. Buck Mountain Slope	Schuylkill	-	147	112	1	260 p	150	-	150	4	-	-	
Sharp Mountain Coal Co. Orchard Slope	Schuylkill	210	1,810	91	106	2,217 q	1,750	-	200	3	-	-	

		District 14										
		Production - net tons										
Operators and Collieries	County	Shipped to market		Sold to local	Used at colliery for steam and heat	Total production	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	By trade								
Starr & Williamson Coal Co. No. 1 Slope	Schuylkill	530	10,789	815	695	12,829 r	9,500	-	281	9	-	1
Tobin Coal Co. Little Buck Mountain Slope	Schuylkill	6	230	13	15	264 s	200	-	78	2	-	-
Wolfgang Brothers Coal Co. No. 1½ Vein Slope	Schuylkill	205	5,909	3,299	156	9,569	11,100	-	156	7	-	-
Little Tracy Slope	Schuylkill	143	6,763	1,175	377	8,458	9,600	-	109	7	-	-
Total		348	12,672	4,474	533	18,027 t	20,700	-	14	-	-	-
District Total		19,852	90,367	34,417	2,218	146,854	133,675	100	224	177	1	6

NOTE: (a) All coal prepared at Tremont Breaker.
 (b) 73 tons prepared at Donaldson Breaker
 8 tons prepared at Franklin Breaker
 692 tons prepared at Schneck Breaker
 2,607 tons prepared at Pine Creek Breaker - District 15
 (c) 1,134 tons prepared at Franklin Breaker
 3,153 tons prepared at Oakwood Breaker
 652 tons prepared at Olenick Breaker - District 13
 (d) 7,314 tons prepared at Franklin Breaker
 4,950 tons prepared at Oakwood Breaker
 (e) 169 tons prepared at Donaldson Breaker
 9 tons prepared at Franklin Breaker
 69 tons prepared at Tremont Breaker
 1,132 tons prepared at Oakwood Breaker
 1,130 tons prepared at Pine Creek Breaker - District 15
 (f) All coal prepared at Hillside Breaker - District 13
 (g) All coal prepared at Schneck Breaker.
 (h) 6,383 tons prepared at Schneck Breaker
 4,554 tons prepared at Swift Breaker - District 11
 (i) 1,411 tons prepared at Pine Creek Breaker - District 15
 3,225 tons prepared at Legal Breaker - District 15
 22 tons prepared at Superior Breaker - District 15
 4,988 tons prepared at Oakwood Breaker
 (j) All coal prepared at Kocher Breaker - District 15
 (k) 133 tons prepared at Franklin Breaker
 50 tons prepared at Old Mill Breaker - District 13
 (l) All coal prepared at Malho Breaker - District 9.
 (m) 3,867 tons prepared at Schneck Breaker
 7,080 tons prepared at Underkoffler Breaker - District 14

(m) 30 tons prepared at Oakwood Breaker
 Mine was formerly operated by Faust Coal Co. - changed ownership in September, 1970 - worked 60 days, 2 men, used 300 lbs. of explosives.
 (n) 1,343 tons prepared at Old Mill Breaker - District 13
 757 tons prepared at Olenick Breaker - District 13
 1,324 tons prepared at Glenn Worth Breaker - District 13
 (o) 1,457 tons prepared at Pine Creek Breaker - District 15
 94 tons prepared at Kocher Breaker - District 15
 1,000 tons prepared at Superior Breaker - District 15
 906 tons prepared at Oakwood Breaker
 (p) All coal prepared at Underkoffler Breaker - District 16.
 Mine was formerly operated by S. B. K. Coal Co. worked 10 days with 3 men.
 (q) 1,816 tons prepared at Oakwood Breaker
 401 tons prepared at Schneck Breaker
 (r) 584 tons prepared at Kocher Breaker - District 15
 11,974 tons prepared at Oakwood Breaker
 271 tons prepared at Superior Breaker - District 15
 Mine was formerly operated by H. & S. Coal Co., produced 6,859 tons, used 6,900 lbs. explosives, worked 103 days with 4 men, changed ownership in May 1970.
 (s) All coal prepared at Oakwood Breaker.
 (t) 8,989 tons prepared at Oakwood Breaker
 8,001 tons prepared at Underkoffler Breaker - District 16
 529 tons prepared at Legal Breaker - District 15
 508 tons prepared at Pine Creek Breaker - District 15

District 15

Operators and Collieries	County	Production - net tons					Total	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market	Sold	Used at									
		By railroad	By truck	to local for steam and heat	trade	production:							
Bush Coal Co.	Schuylkill	238	24,182	14,442	101	38,963 a	27,750	-	230	18	-	2	
Clark Coal Co.	Schuylkill	1,825	1,183	3,262	43	6,313 b	5,800	-	269	12	-	1	
Erdman Coal Co.	Schuylkill	6,077	17,447	1,849	99	25,472 c	22,600	-	295	16	-	1	
Gerber Coal Co.	Schuylkill	1,473	4,206	2,289	65	8,033 d	3,550	-	300	4	-	-	
H. L. S. Coal Co.	Schuylkill	131	-	766	4	901 e	600	-	109	3	-	-	
Hegins Mining Co.	Schuylkill	-	5,284	4,472	1,072	10,828 f	10,250	-	307	12	-	-	
Knorr Coal Co.	Schuylkill	1,841	1,498	1,404	42	4,785 g	4,000	-	264	3	-	-	
Kocher Coal Co., Inc., Leon E. Kocher Breaker	Schuylkill	-	-	-	-	-	-	-	287	48	-	-	
Lahr Coal Co.	Dauphin	-	137	104	1	242 h	150	-	32	2	-	-	
Legal Coal Co. Legal Breaker	Schuylkill	-	-	-	-	-	-	-	262	7	-	-	
Lucas Coal Co., Franklin No. 2 & 3 Slopes	Schuylkill	891	177	4,901	23	5,992 i	4,200	-	252	4	-	-	
Mace Coal Co., James White's Vein Slope No. 2	Schuylkill	2,360	4,274	10,048	31	16,713 j	13,000	-	264	11	-	1	
Minnich Coal Co. No. 2 Vein Slope	Schuylkill	408	152	1,432	9	2,001 k	1,200	-	130	3	-	-	
Ney & Lehman Coal Co. No. 1 Slope	Schuylkill	-	-	-	-	-	-	-	32	5	-	-	
No. 2 Slope	Schuylkill	1,401	10,928	1,398	123	13,850	7,500	-	297	5	-	-	
Total		1,401	10,928	1,398	123	13,850 l	7,500	-		10	-	-	
No. 4 Coal Co. White's Vein Slope	Schuylkill	1,540	536	8,099	38	10,213 m	9,750	-	264	4	-	-	
Pine Creek Coal Co. Pine Creek Breaker	Schuylkill	-	-	-	-	-	-	-	295	15	-	1	
R. & K. Coal Co. Skidmore Slope	Schuylkill	15,452	13,754	4,415	339	33,960 n	32,960	-	286	16	-	-	
S. & M. Coal Co. No. 2 Vein Slope	Schuylkill	474	264	2,174	11	2,923 o	1,850	-	77	7	-	-	
S. & W. Coal Co. Middle Split Slope	Schuylkill	507	666	309	12	1,494 p	1,000	-	42	10	-	-	
Shade Coal Co. No. 2 Vein Slope	Schuylkill	1,412	9,769	4,343	9	15,533 q	13,750	-	264	9	-	-	

		District 15 Production - net tons				Pounds				Fatal		Non-	
		Shipped to market	Sold to	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents		
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	used						
Stahl Coal Co.	Schuylkill	3,710	3,011	12,870	79	19,670 r	10,560	-	240	10	-	1	
No. 2 Vein Slope	Schuylkill	72	225	15	-	312 s	100	-	195	5	-	-	
No. 2 Slope	Schuylkill												
Total		3,782	3,236	12,885	79	19,982	10,660	-		15	-	1	
Superior Preparation Co., Inc.	Schuylkill	-	-	-	-	-	-	-	305	11	-	-	
Superior Breaker	Schuylkill												
Sweet Water Coal Co.	Schuylkill	1,322	2,053	3,490	19	6,884 t	5,400	-	276	7	-	-	
Primrose Slope	Schuylkill												
District Total		41,134	99,746	82,082	2,120	225,082	175,970	-	250	247	-	7	

NOTE: (a)	295 tons prepared at Pine Creek Breaker	(k)	1,627 tons prepared at Pine Creek Breaker
	5,944 tons prepared at Franklin Breaker - District 14		374 tons prepared at Kocher Breaker
	22,869 tons prepared at Underkoffler Breaker - District 16	(l)	11,651 tons prepared at Oakwood Breaker - District 14
	4,700 tons prepared at DiRenzo Breaker - District 13		2,199 tons prepared at Schneck Breaker - District 14
	5,155 tons prepared at Olenick Breaker - District 13	(m)	9,458 tons prepared at Pine Creek
(b)	3,391 tons prepared at Pine Creek Breaker		755 tons prepared at Superior
	2,922 tons prepared at Kocher Breaker	(n)	All coal prepared at Kocher Breaker - District 15.
(c)	8,852 tons prepared at Superior Breaker	(o)	2,529 tons prepared at Pine Creek
	8,888 tons prepared at Schneck Breaker - District 14		64 tons prepared at Kocher
	507 tons prepared at K. & P. Breaker - District 12		330 tons prepared at Donaldson - District 14
	7,225 tons prepared at Oakwood Breaker - District 14	(p)	1,114 tons prepared at Kocher Breaker
(d)	3,229 tons prepared at Underkoffler Breaker - District 16		380 tons prepared at Underkoffler Breaker - District 16
	2,265 tons prepared at Legal Breaker	(q)	6,722 tons prepared at Superior Breaker
	2,519 tons prepared at Kocher Breaker		8,811 tons prepared at Underkoffler Breaker - District 16
(e)	All coal prepared at Pine Creek Breaker.	(r)	14,535 tons prepared at Pine Creek
(f)	All coal prepared at Hillside Breaker - District 13.		2,081 tons prepared at Kocher Breaker
(g)	1,086 tons prepared at Pine Creek Breaker		3,054 tons prepared at Superior Breaker
	3,699 tons prepared at Kocher Breaker	(s)	All coal prepared at Donaldson Breaker - District 14.
(h)	All coal prepared at Underkoffler Breaker - District 16.	(t)	3,786 tons prepared at Pine Creek
(i)	5,742 tons prepared at Pine Creek Breaker		481 tons prepared at Kocher Breaker
	250 tons prepared at Superior Breaker		2,617 tons prepared at Superior Breaker
(j)	7,809 tons prepared at Pine Creek		
	8,904 tons prepared at Strohecker Breaker - District 16		

		District 16								Fatal		Non-	
		Shipped to market	Sold to	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents		
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	used						
A. & P. Coal Co.	Schuylkill	-	-	-	-	- a	-	-	21	3	-	-	
L.V. No. 6 Vein Slope	Schuylkill												
Acme Coal Co.	Schuylkill	-	3,444	2,623	6	6,073 b	3,200	-	235	3	-	-	
L.V. No. 5 Vein Slope	Schuylkill												

		District 16 Production - net tons				Pounds				Fatal		Non-	
Operators and Collieries		Shipped to market		Sold	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl-oves	acci-dents	acci-dents	
County	By railroad	By truck	to local trade	colliery for steam and heat	production	used	used	worked	oves	dents	dents		
B. & M. Coal Co.													
B. & M. Tunnel	Schuylkill	2,275	8,104	1,143	14	11,536 c	2,600	-	275	5	-	-	
D. & R. Coal Co.													
D. & R. Slope	Schuylkill	1,717	1,617	522	22	3,878 d	3,000	-	238	3	-	-	
Fireside Mining, Inc.													
No. 2 Slope	Schuylkill	3,635	3,235	1,070	48	7,988 e	6,200	50	265	9	-	-	
G. & K. Coal Co.													
G. & K. Slope	Dauphin	-	-	-	-	- a	-	-	17	3	-	-	
Gangloff Brothers													
Lykens Silt Bank	Dauphin	-	52,568	-	-	52,568 f	-	-	108	4	-	-	
Harman Coal Co.													
Buck Mountain Slope	Schuylkill	1,119	1,154	1,004	19	3,296 g	5,200	-	243	4	-	-	
Hatter Coal Co.													
Middle Split Slope	Schuylkill	5,398	19,116	1,558	26	26,098 h	12,300	-	304	10	-	1	
J. & C. Coal, Inc.													
Skidmore Slope	Schuylkill	1,611	6,581	4,878	14	13,084 i	6,200	-	296	6	-	-	
S. Dip Skidmore Slope	Schuylkill	1,793	8,569	5,936	32	16,330 j	4,900	-	300	8	-	-	
Total		3,404	15,150	10,814	46	29,414	11,100	-		14	-	-	
Keffers Coal Co.													
L.V. No. 2 Vein Slope	Schuylkill	387	1,369	176	2	1,934 k	1,500	-	87	3	-	-	
Kintzel Brothers Coal Co.													
L.V. No. 6 Vein Slope	Schuylkill	1,428	2,189	42	11	3,670 l	2,600	-	286	4	-	-	
Kocher Coal Co., Inc., Leon													
Porter Tunnel	Schuylkill	9,196	8,185	2,708	121	20,210	10,300	-	300	47	-	3	
Kalmia Bank	Schuylkill	738	657	217	9	1,621	-	-	9	2	-	-	
Total		9,934	8,842	2,925	130	21,831 e	10,300	-		49	-	3	
Koppenhaver Coal Co.													
Buck Mountain Slope	Schuylkill	1,670	2,023	740	27	4,460 l	4,000	-	276	4	-	-	
L. L. K. Coal Co.													
L. V. No. 6 Vein Slope	Schuylkill	-	-	-	-	- a	-	-	12	3	-	-	
M. A. D. Coal Co.													
L. V. No. 6 Vein Slope	Schuylkill	70	246	196	-	512 m	375	-	80	3	-	-	
Manbeck Dredging Co., Inc.													
Westwood Bank	Schuylkill	56,160	14,040	-	-	70,200 n	-	-	270	2	-	-	
Lincoln Bank	Schuylkill	-	19,900	-	-	19,900 o	-	-	99	2	-	-	
Westwood Washery	Schuylkill	-	-	-	-	-	-	-	270	10	-	1	
Total		56,160	33,940	-	-	90,100	-	-		14	-	1	
Marty Coal Co., Inc.													
Middle Split Slope	Schuylkill	158	2,030	1,012	1	3,201 p	5,600	300	285	9	-	-	
Marchuk & Sons Coal Co.													
No. 9 Vein Slope	Dauphin	-	-	-	-	- a	-	-	8	2	-	-	

		District 16 Production - net tons				Pounds				Fatal		Non-	
		Shipped to market		Used at		permis-		Pounds		Fatal		fatal	
Operators and Collieries	County	By railroad	By truck	to local trade	for steam and heat	Total production	sible explosives used	dynamite used	Days worked	Empl- oyes	acci- dents	acci- dents	
Meadowbrook Coal Co.	Dauphin	-	13,825	-	-	13,825	-	-	252	3	-	-	
Meadowbrook Bank	Dauphin	-	-	-	-	-	-	-	252	4	-	-	
Meadowbrook Washery	Dauphin	-	-	-	-	-	-	-	-	7	-	-	
Total		-	13,825	-	-	13,825 q	-	-	-	-	-	-	
Miller Coal Co.	Dauphin	-	160	122	-	282 b	200	-	77	3	-	-	
Buck Mountain Slope	Dauphin	-	144	-	-	144 r	50	-	27	2	-	-	
Pantherhead Coal Co.	Schuylkill	-	147	1,583	204	2,236 h	2,100	-	210	4	-	-	
Buck Mountain Drift	Dauphin	738	1,076	2,807	16	4,637 s	2,850	-	247	3	-	-	
Reiner Coal Co.	Dauphin	1,069	1,582	2,048	21	4,720 t	2,500	-	202	3	-	-	
No. 9½ Vein Slope	Dauphin	282	577	693	-	1,552	1,250	200	133	3	-	-	
S. & K. Coal Co.	Schuylkill	78	160	192	-	430	450	-	82	3	-	-	
Buck Mountain Slope	Schuylkill	-	-	-	-	-	-	-	161	2	-	-	
S. & T. Coal Co.	Dauphin	-	-	-	-	-	-	-	-	8	-	-	
Skidmore Slope	Dauphin	360	737	885	-	1,982 u	1,700	200	-	-	-	-	
Shomper Coal Co.	Dauphin	854	579	3,022	17	4,472 v	7,500	-	224	4	-	-	
L.V. No. 6 Vein No. 1 Slope	Dauphin	1,473	2,608	300	15	4,396 w	5,000	-	220	3	-	-	
L.V. No. 6 Vein No. 2 Slope	Schuylkill	-	9,479	7,223	17	16,719 b	2,775	-	299	6	-	-	
Shomper Breaker	Schuylkill	-	-	-	-	-	-	-	273	7	-	-	
Total	Dauphin	-	-	-	-	-	-	-	231	24	-	-	
Smeltz Coal Co.	Dauphin	-	1,687	1,286	3	2,976 b	2,400	-	238	3	-	-	
No. 7 Vein Slope	Dauphin	5,004	12,454	27,642	94	45,194 x	37,875	-	285	20	-	8	
Spancake & Herring Coal Co.	Schuylkill	7,105	8,285	857	36	16,283 y	24,000	-	263	8	-	1	
Buck Mountain Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
District Total		104,405	209,226	70,221	573	384,425	156,925	550	242	254	-	14	

NOTE: (a) Repair work, no production of coal.
 (b) All coal prepared at Underkoffler Breaker

(c) 10,981 tons prepared at Superior Breaker - District 15
 555 tons prepared at Legal Breaker - District 15

ANTHRACITE OPERATORS

COMMONWEALTH OF PENNSYLVANIA

109

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ANTHRACITE OPERATORS--YEAR 1970

District	Operator	General Manager	Address	Zip Code
12	A. & D. Coal Co. DM	A. Androkritis	310 Elizabeth St.	Tamaqua 18252
8	A. D. & G. Coal Co. DM	Joseph Alameda	P. O. Box 293	Mt. Carmel 17851
16	A. & P. Coal Co. DM	Joseph Reho	130 Broad St.	Williamstown 17098
5	Ace Anthracite, Inc. B	John Santioni	419 Center St.	Taylor 18517
11	Ace Coal Sales BP	Walter Madry	1349 Chestnut St.	Kulpmont 17834
16	Acme Coal Co. DM	Michael Suchar	130 Broad St.	Mt. Carmel 17098
4-12	Adams Co., Inc., R. B. bk S	Robert B. Adams	P. O. Box 693	Pottsville 17901
9	Al-Mar Coal Co. DM	Albert Deitz	436 W. Third St.	Mt. Carmel 17851
5	American Silt Processing Co. W bk	Peter Brojak		Archbald 18403
9	Ashland Community Enterprises DM	Emil R. Ermert	702 Center St.	Ashland 17921
9	B. & B. Coal Co. DM	N. Anascavage	934 Tharp St.	Shamokin 17872
10	B. & B. Coal Co. DM	Frank Barella	513 W. Fourth St.	Mt. Carmel 17851
7	B-D Mining Co. W bk	G. C. Hower		Gilberton 17934
13	B. & F. Coal Co. DM	F. Neumeister	R. D. 1	Ashland 17921
16	B. & M. Coal Co. DM	Wayne Moyer		Valley View 17983
8	B. & N. Coal Co. DM	J. Neumeister	R. D. 1, Box 112	Ashland 17921
11	Bank Coal Co. DM	E. Narcavage	P. O. Box 164	Mt. Carmel 17851
1-5	Barca Coal & Land Co., Inc. S B	Louis Falzone	510 Wyoming Ave.	Wyoming 18644
4	Baumann, John C. bk	John C. Baumann	P. O. Box 505	Carbondale 18407
4	Bell Coal Co. S	A. Kovalchick	P. O. Box 251	Brookton 17925
10	Bell Coal Co. DM	Michael Stasik, Jr.	551 Market St.	Trevorton 17881
12	Bernitsky Coal Co. DM	Albert Bernitsky	17 Water St.	New Phila. 17959
12	Bernitsky & Stenulis Part. DM	Edward Bernitsky	17 Water St.	New Phila. 17959
7	Blaschak Coal Co., Inc. B DM	Edward Razzis	St. Nicholas	Mahanoy City 17948
1	Bliss Bros. Coal Co. S CP	Carl Bliss	P. O. Box 345	Mildred 18632
4-14	Blue Bell Enterprises, Inc. S BP bk	John Butcavage	720 Iytle St.	Minersville 17954
1-5-6	Blue Coal Corp. S DM bk B	Isadore Berk	101 S. Main St.	Ashley 18706
13	Bosack Coal Co. DM	Frank Bosack, Jr.	R. D. 2, Box 788	Pottsville 17901
8	Botella Coal Co., James bk	James Botella	117 Williams St.	Girardville 17935
4	Bridy, Inc. S	Edward A. Bridy	237 W. Girard St.	Atlas 17811
2-3	Brook Contracting Corp. S	George Racho	127 Noble St.	Hazleton 18201
12	Bubel Mining Co., Inc. DM	Michael Bubel		Brookton 17925
3	Buck Coal Co. S	John Miller	427 West Ave.	Mt. Carmel 17851
7	Buckley Coal Corp. B	Norman James	R. D. 2	Weatherly 18255
8	Burnrite Coal Co. DM	William Reiff	803 Walnut St.	Ashland 17921
11-15	Bush Coal Co. DM	Earl Bush	1104 E. Grand Ave.	Tower City 17980
5	C. B. M. Coal Co. bk	Eugene Bartoli	559 E. Northampton	Wilkes-Barre 18702
10	C. & F. Coal Co. B	Leonard Chapleski	P. O. Box 5	Ranshaw 17866
13	C. L. M. Partnership bk	John Lazarchick	R. D. 1, Box 72	Pottsville 17901
4-13	C. L. S. Coal Co. S B	Dave Roderick	172 S. Wyoming St.	Hazleton 18201
9	C. & P. Coal Co. DM	Robert A. Pittello	201 S. Vine St.	Mt. Carmel 17851
7	Capparell Coal Co., Inc. B	Vincent Capparell	136 East Fifth St.	Hazleton 18201
3-7	Capparell Strip & Const. Co. S bk	Martin Capparell	136 East Fifth St.	Hazleton 18201
1	Carbondale Coal Co. S CP	John Gillen	78 Cottage St.	Carbondale 18407
12	Cass Contracting Co. BP	Frank Ryan	R. D. 2	Pottsville 17901
10	Chestnut Coal Co. DM	Stephen Shingara	R. D. 1	Sunbury 17801
6	Ciarafoni Coal Co., Inc. DM	Albert Ciarafoni	631 E. 10th St.	Berwick 18603
15	Clark Coal Co. DM	Clark Maurer, Jr.		Hegins 17938
10	Clay Coal Co. DM	Ellsworth Libby	690 Bear Valley Av.	Shamokin 17872
5	Coalbrook Iron & Metal Co. bk CP	John C. Baumann	P. O. Box 505	Carbondale 18407
7	Coleby Coal Co., Inc. W bk	G. C. Hower		Gilberton 17934
14	Colket Coal Co. DM	John Messaros	School Row	Branchdale 17923
3-9	Corrynham Contracting Co. S bk	W. J. Farley	P. O. Box 173	Ashland 17921
12	Correale Construction Co. bk	George M. Seiler	109 E. First St.	Hazleton 18201
4	Cosmic Enterprises S	Russell L. Suender	1229 Mahantongo St.	Pottsville 17901
13	Coxe Coal Co. DM	Norman Essler	804 W. Market St.	Pottsville 17901
4	D. & F. Coal Co. S	F. G. Roehrig	204 North Street	Minersville 17954
11	D. H. & W. Coal Co. DM	Victor Deloroso	P. O. Box 70-A	Paxinos 17860
11	D. & M. Coal Co. DM	John McAnaney	P. O. Box 112	Gowen City 17828
16	D. & R. Coal Co. DM	Robert Rhen	R. D. 3	Pine Grove 17963
8	D. R. Z. Coal Co. DM	Dominick Fernandez	112 Melrose St.	Keiser 17832
10	D. & S. Coal Co. DM	Daniel Fedako	1915 Race St.	Ashland 17921
11	D. & Z. Coal Co. BP	Stanley Diminick	P. O. Box 367	Shamokin 17872
10	Dancott Coal Co. bk	Roger Fegley	6 N. Seventh St.	Shamokin 17872

110	District	Operator	General Manager	Address	Zip Code
	13	Dando Coal Co., E. P. DM	Fred P. Dando	R. D. 3	Pottsville 17901
	12	David Coal Co. DM	Harry David	R. D. 1	Schuylkill Hav. 17972
	13	Dembinsky Coal Co. DM	John Lazarchick	R. D. 1	Pottsville 17901
	7	DiCasimiro Contracting Co. bk	Felix DiCasimiro	92 Main Street	Morea Colliery 17955
	13	DiRenzo Coal Co. BP	Dominick DiRenzo	R. D. 2	Pottsville 17901
	10	Duke Associates Coal Co. DM	Joseph Duke	1023 W. Willow St.	Shamokin 17872
	10	Duke Mining Co. DM	Joseph Duke	1023 W. Willow St.	Shamokin 17872
	12	Eagle Hill Coal Co. bk	Kenneth Heiser	Rr. 218 E. Liberty	Schuylkill Hav. 17972
	9	Ennis Coal Co. DM	William Ennis	7 West Center St.	Ashland 17921
	15	Erdman Coal Co. DM	Jay Erdman		Valley View 17983
	4	F. & M. Coal Co. S	James J. Fox	720 Fairview St.	Pottsville 17901
	13	Federovich Coal Co., J. DM	J. Federovich		Seltzer 17974
	16	Fireside Mining, Inc. DM	Sidney Melnicove	281 S. Main St.	Pine Grove 17963
	3	Folger & Chapleski S	Leonard Chapleski	P. O. Box 5	Ranshaw 17866
	7	Forgotch Bros. Coal Co. DM	Vincent Forgotch	522 W. Mahanoy St.	Mahanoy City 17948
	11	U-D Coal Co. DM CP	Glenn Derck	R. D. 2	Klingers town 17941
	14	Franklin Coal Co. BP	Franklin Miller		Ravine 17966
	11	G. & D. Partners DM	Stanley Grego	836 W. Spruce St.	Shamokin 17872
	16	G. & K. Coal Co. DM	Joseph Garber	243 E. Broad St.	Williamstown 17098
	5	G. M. C. Energy Fuels, Inc. CP	A. Giarrantano	P. O. Box 702	Pittston 18640
	9-11	G. M. P. Coal Co. DM BP	Albert Geslock	530 E. Seventh St.	Mt. Carmel 17851
	9-13-16	Gangloff Brothers bk	Gene B. Gangloff	R. D. 1	New Ringgold 17960
	12	Garber Coal Co., Paul DM	Paul Garber	R. D. 1	Barnesville 18214
	11	Gem Coal Co. DM	Clifford Artman	R. D. 1, Box 71-A	Shamokin 17872
	7	Generose Coal Co., J. bk	James Generose	306 Main Street	Lattimer 18234
	15	Gerber Coal Co. DM	Gurney Klinger		Valley View 17983
	7	Gilberton Coal Co. bk	G. C. Hower	P. O. Box 423	Gilberton 17934
	12	Ginther Coal Co. bk	David Bressler	P. O. Box 219	Hazleton 18201
	3	Glenn Brass Coal Co. S	Glenn Brass	129 West Avenue	Mt. Carmel 17851
	10-11	Glen Burn Colliery, Inc. B bk	Joseph Parker	P. O. Box F	Shamokin 17872
	6	Glen-Man Coal Co., Inc. DM	Arnold Biscontini	St. Mary's Road	Wilkes-Barre 18702
	13	Glenn Worth Coal Co. BP	Carl L. Hoke	2204 W. Market St.	Pottsville 17901
	3	Glosek Bros. Coal Sales, Inc. S	Frank Glosek	1310 W. Holly St.	Shamokin 17872
	12	Gorenty Coal Co. DM	Earl Gorenty	Walnut Street	Middleport 17953
	2-7	Gowen Coal Co. S B BP DM	Elmer C. Roth		Fern Glen 18241
	12	Greenwood Mining Co. BP	Joseph Fauzio	P. O. Box 269	Tamaqua 18252
	2	Greenwood Stripping Corp. S	Joseph Fauzio	1 Venice Street	Nesquehoning 18240
	12	Grove Coal Co. bk	Frank Ryan	R. D. 2	Pottsville 17901
	11	H. J. & H. Coal Co., Inc. BP	Harry D. Reitz	R. D. 1	Milton 17847
	15	H. L. S. Coal Co. DM	Robert Snyder		Sacramento 17968
	10	H. & S. Coal Co. DM	Anthony Shetroma		Natalie 17854
	8	Hanks Coal Co. DM	Henry Szymanski	544 W. Third St.	Mt. Carmel 17851
	8	Hard Top Coal Co. DM	Joseph Sluck	P. O. Box 395	Gilberton 17934
	16	Harman Coal Co. DM	Clair Harman		Valley View 17983
	14	Harner Coal Co. DM	Roy E. Harner		Spring Glen 17978
	14	Harner Coal Co., Junior DM	Junior Harner	14 N. Crescent St.	Tremont 17981
	13-16	Hatter Coal Co. DM	Jacque Hatter		Hegins 17938
	8	Hecla Mach. & Equipment Co. bk	Gene B. Gangloff	R. D. 1	New Ringgold 17960
	13-14-15	Hegins Mining Co. DM	Forrest P. Otto	R. D. 2	Zerbe (Tremont) 17981
	14	Herring Brothers Coal Co. DM	Lester L. Herring	R. D. 2	Pine Grove 17963
	2-7	Honeybrook Mines, Inc. B bk S	George M. Seiler	109 E. First St.	Hazleton 18201
	11	Hoover Mining Co. BP	George Hoover	118 N. Sixth St.	Sunbury 17801
	3	Howells & Olaf S	Stanley Olaf	1475 Scott Street	Kulpmont 17834
	2-7	Huss, George bk W S	George Huss	West Main Street	Ringtown 17967
	4	Ibanez Coal Co., John S	John Ibanez	532 W. Second St.	Mt. Carmel 17851
	4-14	Industrial Coal Sales Co. S BP	R. E. Doebler		Tremont 17981
	7	J. B. Coal Co. bk	John Pindar		Harwood Mines 18201
	16	J. & C. Coal Co., Inc. DM	Joseph Walacavage	R. D. 1, Box 548	Pottsville 17901
	2-7	Jeddo-Highland Coal Co. B S bk	Frank Moran	800 Exeter Ave.	West Pittston 18643
	3	Jete Coal Co. S	John Menepace	P. O. Box 443	Mt. Carmel 17851
	8	K. & C. Coal Co. DM	Charles Cress	505 W. Mahanoy Ave.	Girardville 17935
	4	K. & K. Coal Co. S	Bernard Kuperavage	133 Valley Furnace	Port Carbon 17965
	10	K. & K. Coal Co. DM	John Kastroba	R. D. 2, Coal Run	Shamokin 17872
	13	K. & M. Coal Co. DM	Con Kulpavage	R. D. 2, Box 567	Pottsville 17901
	12	K. & P. Coal Co. BP	Edward Padinske		Minersville 17954
	13	K. H. K. Coal Co. DM	James Huntzinger		Hegins 17938
	13	K. S. F. Coal Co. DM	Melvin Kroh	R. D. 2	Hegins 17938
	13	K. Y. M. Coal Co. DM	Con Kulpavage	R. D. 2	Pottsville 17901
	8	Kaletka Coal Co. DM	James Kaleta	Box 299-A Luke Pldr	Shamokin 17872
	1	Kaminski Brothers, Inc. S	John Kaminski	378 State Road	Avoca 18644
	2-7	Kassa Coal Co. DM S	Nicholas Kassa	322 Simpson St.	Dupont 18641
	16	Keffers Coal Co. DM	Robert Barder		Lykens 17048
	13	Keim Coal Co., Ralph bk	Ralph Keim	R. D. 1	Tower City 17980

District	Operator	General Manager	Address	Zip Code
3	Kerris & Helfrick, Inc S	Edward Helfrick	Lehigh & Poplar St.	Mt. Carmel 17851
16	Kintzel Bros. Coal Co. DM	Nathan Kintzel	R.D. 2	Pine Grove 17963
12	Klimas Coal Co. DM	Albert Klimas	31 Clay Street	New Phila. 17959
13	Klinger Coal Co. DM	Earl Klinger	R. D. 2	Hegins 17938
15	Knorr Coal Co. DM	Leroy Knorr		Hegins 17938
4-15-16	Kocher Coal Co., Leon S BP DM bk	R. W. Rissinger		Valley View 17983
16	Koppenhaver Coal Co. DM	Howard Koppenhaver	203 Laurel Street	Tremont 17981
4	Koury Coal Co. S	David M. Koury	1038 Laurel Street	Pottsville 17901
4	Krell, Philip S	Philip Krell	R. D. 3	Tamaqua 18252
4-12	L. C. Enterprises S bk	Wm. McDonald	R. D. 3, Box 299-P	Pottsville 17901
3	L. & E. Coal Co. S	John Lynott	P. O. Box 171	Mt. Carmel 17851
13	L. E. H. Mining Co. DM	Howard Reminger	111 High Street	Pine Grove 17963
6	L. J. B., Inc. bk	Arnold Biscontini	St. Mary's Road	Wilkes-Barre 18702
4	L. & L. Coal Co. S	Guy Leshar	R. D. 1	Ashland 17921
16	L. L. K. Coal Co. DM	Roy Lucas	525 W. Main St.	Donaldson 17981
11	Lady Luck Coal Co. DM	Ken Brassington	R. D. 3	Catawissa 17820
15	Lahr Coal Co. DM	Marlin Lahr		Williamstown 17098
12	Lanscoal Mining Co., Inc. DM	Stephen Karabinos	West Ridge St.	Lansford 18232
10	Laredo, Low. Anth. Reg. Econ. Develop. Organization, Inc. Tour	Nicholas Card	Rte. 61, No. Viaduct	Mt. Carmel 17851
7	Lee Mining Co., Inc., J.F. B bk	J. F. Lee	836 N. Church St.	Hazleton 18201
15	Legal Coal Co. BP	Robert R. Jones		Tamaqua 18252
1-2-3-5-	Lehigh Valley Anthracite, Inc. S CP bk B BP	Henry Ventre	800 Exeter Ave.	West Pittston 18643
7-8-12				
13	Live Oak Coal Co. BP	Peter Laychock, Jr.	R. D. 1	Pottsville 17901
9	Lone Pine Coal Co. DM	Martin Bogus	1453 W. Mulberry St.	Shamokin 18772
15	Lucas Coal Co., Franklin DM	Franklin Lucas		Pine Grove 17963
7	McAdoo Mining Co. DM	Gene Pinter	62 N. Tamaqua St.	McAdoo 18237
16	M. A. D. Coal Co. DM	Alvin Morgan	332 Main Street	Williamstown 17098
10	M. G. & S. Coal Co. DM	Joseph Marin	301 S. Spruce St.	Mt. Carmel 17851
13	M. & N. Coal Co. DM	Michael Olenick	224 North 20th St.	Pottsville 17901
8	M. & S. Coal Co. DM	Allen Shoffler	337 Melrose Street	Keiser 17832
14	M. W. S. Coal Co. DM	Palmer Mervine	R. D. 1, Box 306	Ashland 17921
11	M. & Z. Coal Co. DM	Willard Marquette	P. O. Box 25	Dornsife 17823
15	Mace Coal Co., James DM	James Mace		Spring Glen 17978
4-14	Madenford Coal Co. S DM	George Madenford	(Joliet)	Tremont 17981
7	Maksimik Coal Co. bk	Stanley Maksimik	435 W. Columbus St.	Shenandoah 17976
9	Malho Coal Co. B	Ralph Malho		Lavelle 17943
12-16	Manbeck Dredging Co., Inc. W bk	K. R. Heiser	Rr. 218 E. Liberty St.	Schuylkill Hav. 17972
16	Marby Coal Co., Inc. DM	Wm. Heitzman	R. D. 2, Box 341	Shamokin 17872
16	Marchuk & Son Coal Co. DM	Steve Marchuk	1804 Wisconsin St.	Reinerton 17980
8	Marion Mining Co., Inc. CP DM	M. Raczkowski	P. O. Box 229	Shenandoah 17976
11	Marquette Coal Co. DM	D. H. Marquette	611 W. Pine Street	Shamokin 17872
12	Mar Strip & Excavating Co. bk	Armando Zarra	415 E. Broad Street	Tamaqua 18252
10	Maurer Coal Co., Paul DM	Paul F. Maurer	820 Lott Street	Shamokin 17872
7	Mazaika Bros. Coal Co. B	Edward Mazaika	R. D. 2	Tamaqua 18252
16	Meadowbrook Coal Co. W bk	Leslie Kimmel		Tower City 17980
14	Mercury Coal Co. DM	Leon Richter	P. O. Box F	Tremont 17981
8	Mickey Coal Co. DM	J. Mickatavage	40 Oakland Ave.	Ashland 17921
13	Miller Coal Co. DM	Jacque Hatter		Hegins 17938
16	Miller Coal Co. DM	James Miller	R. D. 1, Box 250	Millersburg 17061
3	Mintel, Inc. S	S. Korenkiewicz	R. D. 1, Box 141-K	Shamokin 17872
13	Minersville Coal Co. BP	Fritz Rarick		Minersville 17954
15	Minnich Coal Co. DM	Gene Minnich		Pine Grove 17963
5	Moffat Premium Anthracite B	Michael Costanzo	78 Cottage Street	Carbondale 18107
11	Moore Bros. Coal Co. DM	James Moore		Gowen City 17828
8	Morack Coal Co. DM	John Morack	407 N. Vine Street	Mt. Carmel 17851
8	Morata Coal Co. DM	Lawrence Morata, Jr.	1053 Spruce Street	Kulpmont 17834
11	Moroz Coal Co. bk	Daniel Moroz	6 North Seventh St.	Shamokin 17872
10	Motto Partnership DM	Frank Motto	P. O. Box 15	Excelsior 17825
4	Mountain Anthracite Co., Inc. S	Marlin Zimmerman		Ravine 17966
5	Mountain Coal, Inc. DM	Thomas Supey	55 W. Sixth St.	Wyoming 18644
12	Mountain Side Coal Co. BP	Roy Habel		Tamaqua 18252
14	Mountain Top Coal Co. DM	William Vesay	515 St. Francis St.	Minersville 17954
10	Mountain View Coal Co. DM	James Foulds	1440 W. State St.	Shamokin 17872
13	Mr. Koch Coal Co. DM	Floyd Koch	R. D. 2	Schuylkill Ha. 17972
11	Mudry Trucking Co. bk	John Mudry	26 S. 14th Street	Kulpmont 17834
12	My Own Coal Co. DM	Peter Gregas	83 Railroad Street	Girardville 17935
11	N. & L. Coal Co. DM	Anthony Novrocki	R. D. 1, Box 212	Paxinos 17860
14	Neumeister Coal Co., James DM	James Neumeister	R. D. 1, Box 66	Ashland 17921
15	Ney & Lehman Coal Co. DM	Carl Ney		Valley View 17051
12	Niadna Coal Co., Frank DM	Frank Niadna		New Phila. 17959

112	District	Operator	General Manager	Address	Zip Code
	10	Norwood Mining Co. DM	Elwood Swank	R. D. 1	Faxinos 17860
	3	North Line Coal Co. S	C. Wayne Troxell	P. O. Box L	Shamokin 17872
	1-5	Northwest Mining Co., Inc. S bk BP B	John Gillen	78 Cottage Street	Carbondale 18407
	15	No. 4 Coal Co. DM	Frank Lucas	Main Street	Hegins 17938
	14	Oakwood Coal Co. BP	David Deaven, Sr.	R. D. 3	Pine Grove 17963
	13	Old Mill Coal Yard BP	Raymond Stein		Llewellyn 17944
	13	Olenick Bros. Coal Co. BP B	Nicholas Olenick	313 Pottsville St.	Minersville 17954
	7	Olman Brothers Coal Co. DM	Joseph Olman	46 N. Tamaqua Street	McAdoo 18237
	5	Olyphant Premium Anth., Inc. CP bk	Samuel Leonard	P. O. Box 282	Olyphant 18447
	5	O'Toole, John F. SP	John F. O'Toole	208 S. Hyde Park Ave.	Scranton 18504
	13	P. & H. Coal Co. DM	Walter Fewor	R. D. 2	Pottsville 17901
	14	P. & M. Coal Co. DM	Warren Porter	P. O. Box 18	Muir 17834
	10	P. & R. Coal Co. DM	Joseph Rutkowski	827 Scott Street	Kulpmont 17834
	4-12	Pacine Coal Co. S bk	Michael Pacine	Water Street	Cumbola 17930
	16	Pantherhead Coal Co. DM	Charles Butensky		Branchdale 17923
	1	Pasternak Brothers S	John Pasternak	419 Center Street	Taylor 18642
	4	Peck Coal Co., Joseph S	Joseph Pecovich	2270 W. Norwegian	Pottsville 17901
	5	Penbrook Coal Co. B bk	Richard Fabri	729 Main Street	Archbald 18403
	5	Penn State Mining Co. DM	Vincent Durso	1418 N. Main Ave.	Scranton 18508
	5	Perry Coal Sales Co. bk CP	Thomas Perry	1416 Penn Avenue	Scranton 18509
	7	Phoenix Contracting Co. bk	W. L. Jones, Jr.	P. O. Box 433	Pottsville 17901
	15	Pine Creek Coal Co. BP	Ronald F. Klinger		Spring Glen 17978
	10	Pine Line Coal Co. DM	John Troutman	601 S. Market St.	Shamokin 17872
	8	Polcovich Coal Co. DM	John Polcovich	103 E. Center St.	Centrاليا 17927
	6	Pollock, In., Ken bk	K. L. Pollock	Route 11	Hunlock Creek 18601
	5	Popple Coal Sales, Raymond bk	Raymond Popple	300 Newrose Bldg.	Pittston 18640
	8	Poponiak Bros. Coal Co. DM	John Poponiak	146 Warsaw Street	Keiser 17832
	12	Premium Pine Coal Co., Inc. bk	John Fiderak	202 Hunter Street	Tamaqua 18252
	3-8-10	R. B. F. Coal Co. S bk	Robert Fanella	P. O. Box 454	Mt. Carmel 17851
	15	R. & K. Coal Co. DM	George Rigdosh		Wiconisco 17097
	9	R. & L. Coal Co. DM	Francis Revenis	528 Locust Avenue	Centrاليا 17927
	11	R. & R. Coal Co. DM	Joseph Reitz	125 Bridge Avenue	Sunbury 17801
	4	R. R. & G., Inc. S	Gerald Riccardelli	P. O. Box 398	Mahanoy City 17948
	4	R. & S. Coal Co. S	Thomas Stewart	456 Sunbury Street	Minersville 17954
	5-7	Racho, George bk	Charles Wezner	P. O. Box 98	Hazleton 18201
	9-10	Ranshaw Transportation & Auto Wreckers Co. W bk	Leonard Chapleski	P. O. Box 5	Ranshaw 17866
	1	Raymond Colliery Co. S	John Gillen	78 Cottage Street	Carbondale 18407
	3-4-7-9-	Reading Anthracite Co. S BP bk W	G. A. Schnee	200 Mahantongo St.	Pottsville 17901
	11-12-13				
	9-13	Reichwein & Beury Coal Co. B DM	Harold Reichwein	R. D. 1, Box 261	Ashland 17921
	11	Reidinger Coal Service, Inc. BP	C. Wyme Troxell	P. O. Box L Y	Shamokin 17872
	16	Reiner Coal Co. DM	William Reiner	837 E. Grand St.	Tower City 17980
	14	Renninger Coal Co. DM	Theodore Renninger		Zerbe 17981
	10	Rocky Side Coal Co. DM	James Shivitski	R. D. 1, Box 101	Elysburg 17824
	3-10	Rosini Coal Co. S B	E. J. Rosini	P. O. Box 184	Shamokin 17872
	13	S. & B. Coal Co. DM	Edward Sorokach		Minersville 17954
	1	S. B. P. Coal Co. S CP	Darrell Keihl	P. O. Box 88	Mildred 18632
	10	S. & C. Coal Co. DM	W. J. Stellar	1302 Scott Street	Kulpmont 17834
	3	S. & D. Coal Co. S	S. Shalamanda	R. D. 1, Box 40	Ashland 17921
	8	S. & D. Coal Co. DM	Ernest DiRenzo	330 Melrose Street	Keiser 17832
	16	S. & K. Coal Co. DM	Palmer Klinger	1012 Maple Street	Valley View 17933
	13	S. & M. Coal Co. DM	John Simodejka		Minersville 17954
	15	S. & M. Coal Co. DM	Daniel Shade		Valley View 17983
	3	S. & S. Contracting Co. S	Edward Sosnoskie	219 E. Melrose St.	Keiser 17832
	16	S. & T. Coal Co. DM	Michael Scheib	Star Route, Box 10	Tremont 17981
	15	S. & W. Coal Co. DM	L. Williamson		Valley View 17983
	9	Sanders Coal Co. DM	Walter Anascavage	1015 W. Pine Street	Shamokin 17872
	3-9	Savitski Bros. Coal Sales S B DM A	Savitski	Forrest & Mulberry	Atlas 17851
	14	Schneck Coal Co. T. W. BP	Thomas W. Schneck	R. D. 1	Pine Grove 17963
	4	Schock Coal Co., Norman C. S	Norman C. Schock		Tuscarora 17982
	12	Schrickram, William bk	William Schrickram	130 Clay Street	Tamaqua 18252
	12	Schuster Brothers, Inc. bk	Fred Schuster	613 Schuykill Ave.	Pottsville 17901
	4-13	Schuykill Contracting Co. S bk	Frank J. Ryan	R. D. 2, Box 360 1/2	Pottsville 17901
	14	Schwartzlander Coal Co., Inc. DM	J. R. Schwartzlander	31 North Street	Tremont 17981
	9	Scott Coal Co. DM	Steven Forgotch	7 Back Street	Shaft 17975
	5	Scranton Excavating Co. bk	Rocco Domiano	3 E. McClure St.	Old Forge 18518
	13	Seanawaitis Bros. Coal Co. DM	Anthony Seanawaitis		Minersville 17954
	5	Sebastopol Coal Co., Inc. bk	A. Giarratano	P. O. Box 702	Pittston 18540

District	Operator	General Manager	Address	Zip Code
4	Seitzinger Bros. Leasing, Inc. S	Wm. Seitzinger	Blvd. & Mill Circle	Pottsville 17901
14	Senawaitis Bros. Coal Co. IM	A. Senawaitis	530 Lytle Street	Minersville 17954
15	Shade Coal Co. DM	Alvin Shade		Valley View 17983
3	Shally Coal Co. S	S. Shalamanda	R. D. 1, Box 40	Ashland 17921
14	Sharp Mountain Coal Co. DM	Henry D. Reber	R. D. 1	Pine Grove 17963
16	Shomper Coal Co. IM BP	Russell H. Shomper	305 Vine Street	Williamstown 17098
5	Silverbrook Anthracite, Inc. B	Theodore Kassa	322 Simpson Street	Duport 18641
12	Silver Creek Coal Co., Inc. BP	Andrew Bonchack	P. O. Box 246	New Phila. 17959
13	Siminitus Coal Co. IM	E. Siminitus	R. D. 1	Pottsville 17901
12	Skripnek Coal Co. DM	Daniel Skripnek	R. D. 1	New Ringgold 17960
7	Skytop Coal, Inc. B DM	Felix DiCasimirro	P. O. Box 355	Mahanoy City 17948
11	Slo-Burn Coal Co., Inc. W	Alex Flocheskie	P. O. Box 164	Mt. Carmel 17851
16	Smeltz Coal Co. IM	Joseph Shade	R. D. 1	Hegins 17938
13	Snyder Coal Co., Leroy DM	Leroy Snyder	R. D. 1	Lykens 17048
12	South Tamaqua Coal Pockets BP	Donald Warne	R. D. 3	Tamaqua 18252
16	Spancake & Herring Coal Co. DM	Milton Spancake	R. D. 2	Pine Grove 17963
3-10-11-16	Split Vein Coal Co. S DM BP	Elwood Swank	R. D. 1, Box 336-C	Faxinos 17860
11	Springfield Coal Co. DM	S. Korenkiewicz	R. D. 1, Box 141-K	Shamokin 17872
15	Stahl Coal Co. DM	John Stahl		Valley View 17983
14	Starr & Williamson Coal Co. IM	C. L. Williamson		Valley View 17983
7	Starwood Coal Corp. DM B	Alfred Feca	14 S. Main Street	Mahanoy City 17948
16	Strohecker Coal Co. BP	Joel Strohecker	R. D. 1	Elizabethville 17023
13	Studlack Partners DM	Andrew Studlack		Minersville 17954
8	Sun Coal Co., Inc. B	W. J. Farley	215 N. 9th Street	Ashland 17921
10	Sunshine Coal Co. B	Ralph Steinhart	P. O. Box 502	Trevorton 17881
15	Superior Preparation Co., Inc. B	Roy Blyer		Valley View 17983
6	Susquehanna Coal Co. B bk	W. H. Moore	8 West Main Street	Nanticoke 18634
8	Swamp Coal Co. DM	Edward Lashendock	201 E. Warsaw St.	Keiser 17832
4-13	Swatara Coal Co. S BP	W. P. Parker	P. O. Box G	Minersville 17954
15	Sweet Water Coal Co. DM	Leonard Harner		Sacramento 17968
11	Swift Coal Sales, Inc. BP	Adam Swift	1100 Center Street	Shamokin 17872
12	T. E. & E. Coal Co. DM	Edward Yeneshosky	21 Ferndale Road	New Phila. 17959
11	T. & L. Coal Co. DM	Wm. Lytle, Jr.	R. D. 2, Box 367	Shamokin 17872
11	T. & M. Coal Co. DM	Thomas J. Morris	905 W. Pine Street	Shamokin 17872
12	Thirty Slope, Inc. DM	E. H. Watkins	P. O. Box 229	Shenandoah 17976
14	Tobin Coal Co. DM	Allen Tobin	530 Colliery Ave.	Tower City 17980
13	Tokarchek Coal Co. DM	Michael Tokarchek	214 Laurel Street	Minersville 17954
10	Tower Coal Co. DM	Michael Stasik	551 Market Street	Trevorton 17881
12	Tracy Coal Co. DM	Michael Dudash	R. D. 3	Pottsville 17901
10	Twin Oaks Coal Co. DM	Leonard Machesic	R. D. 1	Faxinos 17860
7	U. G. I. Corporation bk	R. E. Demmy	247 Wyoming Ave.	Kingston 18704
16	Underkoffler Coal Sales BP	Hershel Underkoffler		Lykens 17048
16	Underkoffler Coal Co. DM	Glen Underkoffler	340 Elizabeth St.	Williamstown 17098
4	Valent Coal Co., Frank S	Frank Valent	360 S. Center St.	Pottsville 17901
4	Valley Enterprises, Inc. S	Joseph Patrole	R. D. 2	Tamaqua 18252
5	Vullo & Vantaggi bk	Alfred Vantaggi	207 Main Street	Pittston 18640
4	W. & W. Construction Co. S	Joseph Walacavage	R. D. 1, Box 548	Pottsville 17901
4	Wabo Coal Co. S	Robert L. Barnhart	P. O. Box 176	Llewellyn 17944
13	Walaitis Coal Co. IM	George Walaitis	40 S. Wyland Street	Frackville 17931
10	West Cameron Coal Co. DM	Robert Fanella	P. O. Box 454	Mt. Carmel 17851
13	West West Coal Co. IM	Leo Strenkoski	P. O. Drawer I	Minersville 17954
12	Whippoorwill Coal Co. IM	Joseph Tarconish	Washington Street	Middleport 17953
8	White Birch Coal Co. IM	Michael Raczkowski	P. O. Box 229	Shenandoah 17976
8	White Coal Co. DM	Wilbur White	P. O. Box 47	Ashland 17921
12	Williams Coal Co., Evan DM	Evan Williams		New Phila. 17959
16	Williamson Coal Co., Inc. DM	Alfred Williamson		Valley View 17983
13	Winne Land Co. W	Robert Eickel	R. D. 2	Pottsville 17901
14	Wolfgang Bros. Coal Co. DM	Kenneth Wolfgang		Donaldson 17981
13	Woodside Mining Co. IM	John Glenick	R. D. 1	Pottsville 17901
13	Woratyla Coal Co. DM	Andrew Woratyla		Llewellyn 17944
12	Zakrewsky Coal Co. DM	Peter Zakrewsky	Park Crest	Barnesville 18214
9	Zanella Brothers Coal Co. DM	Stephen Zanella	34 Spruce Street	Ashland 17921
16	Zimmerman Coal Co., Marlin DM	Marlin Zimmerman		Ravine 17966
8	Zukus Coal Co. DM	Joseph Zukus	557 W. Girard St.	Atlas 17851

NOTE: DM - Denotes Deep Mines
S - Denotes Strip Mine Operations
bk - Denotes Bank Operations
B - Denotes Breakers

BP - Denotes Breaker Preparation only
CP - Denotes Cleaning Plant
SP - Denotes Sizing Plant
W - Denotes Washery

* * * * *

**ANTHRACITE
BREAKERS,
WASHERIES AND
PREPARATION
PLANTS**

DEPARTMENT OF ENVIRONMENTAL RESOURCES

ANTHRACITE DIVISION
Breakers, Washeries and Preparation Plants

1970

District	Preparation Plant	Company	Location	Zip Code
5	Ace Anthracite Breaker	Ace Anthracite, Inc.	Blakely	18512
11	Ace Breaker	Ace Coal Sales	Weigh Scales	17872
7	B-D Fine Coal Plant	B-D Mining Co.	Mahanoy Township	17958
7	Beaver Brook Pine Coal Plant	Hass, George	Hazle Township	18704
12	Beechwood Cleaner Plant	Reading Anthracite Co.	Seltzer	17974
7	Blaschak Breaker	Blaschak Coal Co., Inc.	St. Nicholas	17948
1	Bliss Crushing Plant	Bliss Bros. Coal Co.	Cherry Township	18632
5	Booth Breaker	Barca Coal & Land Co., Inc.	Mildred	18632
10	C. & F. Breaker	C. & F. Coal Co.	Ranshaw	17866
7	Candleton Breaker	Coleby Coal Co., Inc.	Gilberton	17934
10	Carbon Run Breaker	Rosini Coal Co.	Shamokin	17872
11	D. & Z. Breaker	D. & Z. Coal Co.	Weigh Scales	17872
8	Diamond Breaker	Sun Coal Co., Inc.	Atlas	17811
13	DiRenzo Breaker	DiRenzo Coal Co.	Llewellyn	17944
7	Eckley Breaker	Buckley Coal Corp.	Eckley	
11	4-D Crusher Plant	4-D Coal Co.	Trevorton	17881
14	Franklin Hydrotated Breaker	Franklin Coal Co.	Ravine	17966
5	Franklin Breaker	Lehigh Valley Anthracite, Inc.	Wilkes-Barre	18702
11	G. M. P. Breaker	G. M. P. Coal Co., Inc.	Weigh Scales	17872
10	Glen Burn Breaker	Glen Burn Colliery, Inc.	Shamokin	17872
6	Glen Lyon Breaker	Susquehanna Coal Co.	Glen Lyon	18617
13	Glenn Worth Breaker	Glenn Worth Coal Co.	Cressona	17929
7	Gowen Breaker	Gowen Coal Co.	Fern Glen	18241
7	Gowen Cleaning Plant	Gowen Coal Co.	Fern Glen	18241
12	Greenwood Breaker	Greenwood Mining Co.	Rahn Township	19426
12	Greenwood Fine Coal Plant	Greenwood Mining Co.	Coaldale	18218
5	Harry E. Breaker	Lehigh Valley Anthracite, Inc.	Swoyersville	18704
7	Hazleton Shaft Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
7	Hazleton Shaft Cleaning Plant	Lehigh Valley Anthracite, Inc.	Hazleton	18201
7	Highland No. 5 Breaker	Jeddo-Highland Coal Co.	Hazle Township	18704
13	Hillside Breaker	Hegins Coal Co.	Zerbe	17984
7	Honeybrook Breaker	Honeybrook Mines, Inc.	Audenried	18213
11	Hoover Breaker	Hoover Coal Mining Co., Inc.	Paxinos	17860
5	Huber Breaker	Blue Coal Corporation	Ashley	18706
7	Jeddo No. 7	Jeddo-Highland Coal Co.	Hazle Township	18704
12	K. & P. Breaker	K. & P. Coal Co.	Minersville	17954
5	Kassa Breaker	Silverbrook Anthracite, Inc.	Laflin	18702
15	Kocher Breaker	Kocher Coal Co., Inc., Leon E.	Good Spring	17983
15	Legal Breaker	Legal Coal Co.	Good Spring	17983
7	Lion Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
13	Live Oak Breaker	Live Oak Coal Co.	Primrose	17954
9	Locust Summit Breaker *	Reading Anthracite Co.	Locust Gap	17840
11	Lower Region Breaker	Lower Region Colliery, Inc.	Trevorton Road	17881
12	Lowland Washery	Manbeck Dredging Co., Inc.	Landingville	17942
12	Lucanna Fine Coal Plant	Ginther Coal Co.	Cumbola	17930
13	Lytle Washery	Winne Land Co.	Primrose	17954
9	Malho Breaker	Malho Coal Co.	Lavelle	17943
8	Mammoth Breaker	Lehigh Valley Anthracite, Inc.	Raven Run	17946
7	Maple Hill Cleaning Plant	Reading Anthracite Co.	Maple Hill	17976
13	Maple Spring Breaker	C. L. S. Coal Co.	Branchdale	17923
12	Marlin Breaker	Cass Contracting Co.	Marlin	17951
5	Marvine Sizing Plant	Northwest Mining Co., Inc.	Scranton	18509
7	Mazaska Breaker	Mazaika Brothers Coal Co.	Rush Township	18252
16	Meadowbrook Washery	Meadowbrook Coal Co.	Iykens	17048
13	Minersville Breaker	Minersville Coal Co.	Llewellyn	17944
7	Morea Breaker	Lehigh Valley Anthracite, Inc.	Morea	17955

118	District	Preparation Plant	Company	Location	Zip Code
12		Mountain Side Breaker	Mountain Side Coal Co.	South Tamaqua	18252
12		Nesquehoning Cleaning Plant	Correale Construction Co.	Nesquehoning R. D. 1	18240
12		New St. Nicholas Breaker	Reading Anthracite Co.	Seltzer	17974
12		New St. Nicholas Fine Coal Pl.	Reading Anthracite Co.	Seltzer	17974
1		No. 2 Cleaning Plant	Carbondale Coal Co.	Carbondale	18407
12		No. 6 Washery	Manbeck Dredging Co., Inc.	Lansford	18232
14		Oakwood Breaker	Oakwood Coal Co., Inc.	Pine Grove R. D. 3	17963
13		Old Mill Breaker	Old Mill Coal Yard	Llewellyn	17944
13		Olenick Breaker	Olenick Brothers Coal Co.	Forrestville	16035
5		O'Toole Sizing Plant	O'Toole, John F.	Moosic	18505
5		Olyphant Breaker	Olyphant Premium Anthracite	Dickson City	18519
5		Penbrook Breaker **	Penbrook Coal Co.	Archbald	18403
5		Perry Avoca Cleaning Plant	Perry Coal Sales Co., Thomas	Avoca	18641
15		Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen	17928
12		Pine Forest Cleaner Plant	Reading Anthracite Co.	St. Clair	17970
12		Premium Fine Coal Plant	Premium Fine Coal Co., Inc.	South Tamaqua	18252
5		Prospect Cleaning Plant	Lehigh Valley Anthracite, Inc.	Plains	18705
10		Ranshaw Washery	Ranshaw Transportation & Auto Wreckers Coal Co.	Ranshaw	17866
5		Raymond Breaker	Northwest Mining Co., Inc.	Eynon	18718
9		Reichwein & Beury Breaker	Reichwein & Beury Coal Co.	Gordon	17921
11		Reidinger Breaker	Reidinger Coal Service, Inc.	Paxinos	17860
11		Reitz Breaker	H. J. & H. Coal Co., Inc.	Trevorton	17881
7		Rosa Breaker	Capparell Coal Co., Inc.	Shenandoah	17976
1		S. B. P. Crushing Plant	S. B. P. Coal Co.	Cherry Township	18632
7		St. Nicholas Fine Coal Plant	Reading Anthracite Co.	St. Nicholas	17948
12		Salem Creek Breaker	Lehigh Valley Anthracite, Inc.	Pottsville	17901
9		Savitski Breaker	Savitski Brothers Coal Sales	Atlas	17811
14		Schneck Breaker	Schneck Coal Co., Thomas W.	Pine Grove R. D. 1	17963
12		Schuster Fine Coal Plant	Schuster Brothers, Inc.	Landingville	17942
16		Shomper Breaker	Shomper Coal Co.	Williamstown	17098
12		Silver Creek Breaker	Silver Creek Coal Co., Inc.	New Philadelphia	17959
7		Skytop Breaker	Skytop Coal, Inc.	New Boston	17958
11		Slo-Burn Washery	Slo-Burn Coal Co., Inc.	Weigh Scales	17872
11		Split Vein Breaker	Split Vein Coal Co., Inc.	Weigh Scales	17872
12		South Tamaqua Breaker	South Tamaqua Coal Pockets	South Tamaqua	18252
16		Strohecker Breaker	Strohecker Coal Co.	Elizabethville	17023
10		Sunshine Breaker	Sunshine Coal Co.	Trevorton	17881
15		Superior Preparation Plant	Superior Preparation Co., Inc.	Valley View	17983
13		Swatara Breaker	Swatara Coal Co.	Zerbe	17984
11		Swift Breaker	Swift Coal Sales, Inc.	Paxinos	17860
5		Taylor Breaker	Moffat Premium Anthracite, Inc.	Taylor	18517
14		Tremont Breaker	Blue Bell Enterprises, Inc.	Tremont	17981
11		Trevorton Breaker	Reading Anthracite Co.	Trevorton	17881
16		Underkoffler Breaker	Underkoffler Coal Sales	Iykens	17048
5		Waddell Washery	American Silt Processing Co.	Winton (Jessup)	18434
16		Westwood Washery	Manbeck Dredging Co., Inc.	Joliett	17981
5		Ziffenblatt Cleaning Plant	G. M. C. Energy Fuels	Duryea	18642

* Bagging and loading prepared coal only.

** Ceased operations during 1970.