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COMMONWEALTH OF PENNSYLVANIA

RAYMOND P. SHAFER

Governor



DEPARTMENT of MINES and MINERAL INDUSTRIES

H. B. CHARMBURY

Secretary

Penna. ANTHRACITE DIVISION
"

1966

ANNUAL REPORT
"

Harrisburg

ALLEGHENY COUNTY

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND
MINERAL INDUSTRIES
HARRISBURG

H. B. CHARBURY
THE SECRETARY

May 1, 1967

The Honorable Raymond P. Shafer
Governor
Commonwealth of Pennsylvania
Harrisburg, Pennsylvania

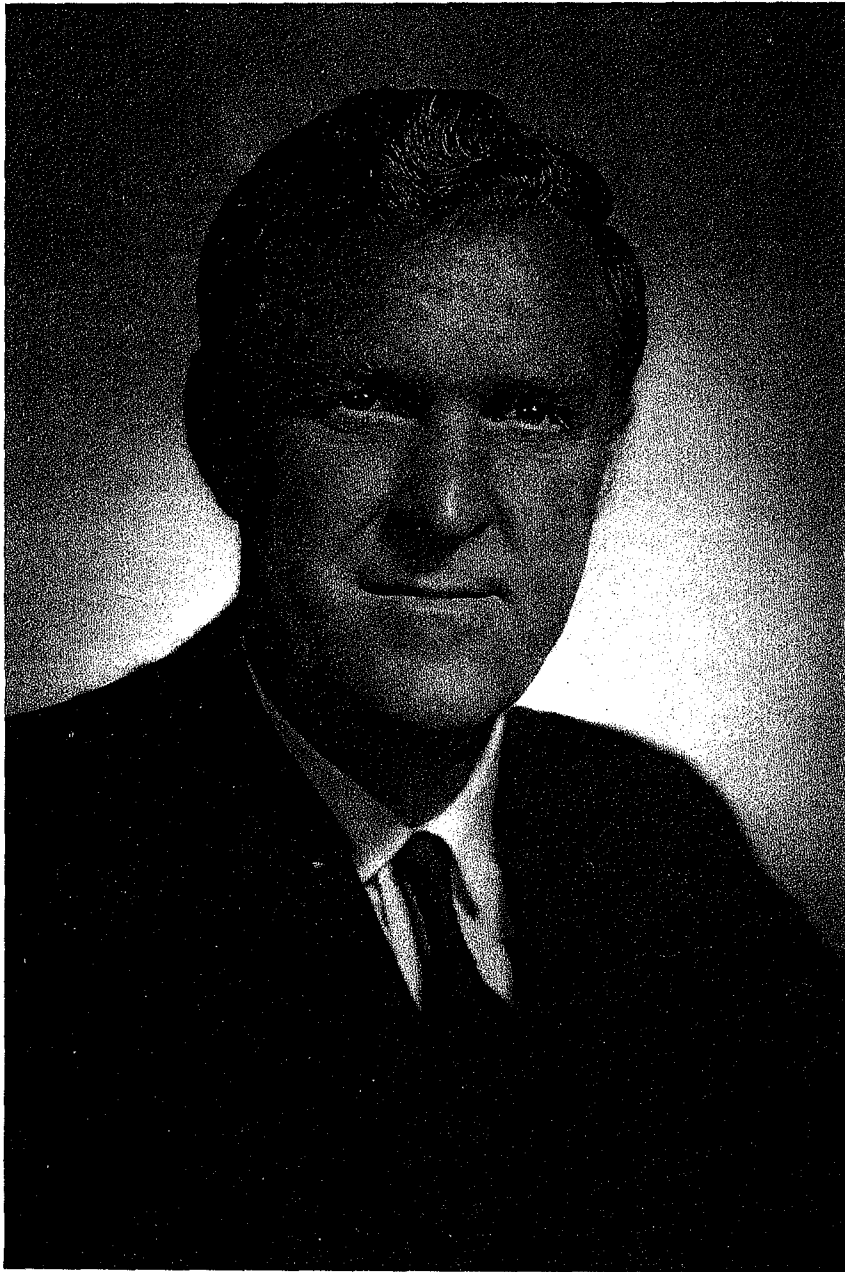
Dear Governor Shafer:

In compliance with the Act of April 14,
1903, I transmit herewith the Report of the Depart-
ment of Mines and Mineral Industries for the year
ending December 31, 1966, covering in detail the
operations in the Anthracite Division of Pennsyl-
vania.

Respectfully submitted,

H. B. Charnbury
H. B. Charnbury

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RAYMOND PHILIP SHAFER
GOVERNOR, COMMONWEALTH OF PENNSYLVANIA

Pennsylvania's Governor Raymond Philip Shafer was born March 5, 1917, in New Castle, Pennsylvania, and raised in Meadville where he attended the public schools. At his high school commencement in 1934 he proved that a star basketball player could be class valedictorian.

His athletic-academic abilities were displayed on a greater scale at Allegheny College. A political science major, he made Phi Beta Kappa, won nine varsity letters (basketball, soccer and track), was class president each year and was the student body president in his senior year.

After graduation in 1938 he went to Yale Law School. Members of his law fraternity included future Governor Scranton, two future U. S. Supreme Court Justices (Stewart and White), a future U. S. Senator (Dominick, Colorado), future author (Walter S. Lord) and others who made their mark on the national scene. LIFE magazine in 1966 reprinted this extraordinary group's portrait taken in 1940. Shafer had then become Lieutenant Governor of Pennsylvania and was the Republican nominee for Governor.

After getting his law degree in June 1941, Shafer, the following month, married his college sweetheart, Jane Harris Davies of Pittsburgh. In August the couple moved to New York City where Shafer was associated with Secretary of War Stimson's law firm (Winthrop, Stimson, Putnam and Roberts). In 1942 he was commissioned an ensign in the Navy. Before returning to inactive duty in 1945, he had logged over 80 combat missions in PT Boats, brought General MacArthur back to Corregidor in fulfillment of the famous promise, and had added the Bronze Star and the Purple Heart to his campaign medals. The official U. S. Navy Volume on PT-Boat Operations carries a photograph of Shafer, aboard a rubber raft, evacuating paratroopers pinned down by sniper fire on a small Pacific Island.

After the war, Shafer returned to Meadville to practice law. He was affiliated with the office of the late former Judge Mook, and subsequently became a partner in the firm of Thomas, Shafer, Dornhaffer and Swick. He taught business law at Allegheny College while practicing. In 1947 he was elected district attorney of Crawford County on both tickets, a feat he repeated in 1951. In 1958 he was elected to the Pennsylvania Senate, representing Mercer and Crawford Counties. In 1962 he was elected Lieutenant Governor of Pennsylvania, and two years later was the acting Chairman of the Pennsylvania delegation to the 1964 Republican National Convention in San Francisco. In November 1966 he was elected Governor, marking the first time in Pennsylvania's political history that a lieutenant governor successfully ran for the highest office.

An ardent sportsman, Governor Shafer is a top-flight golfer. His civic activities are legion. He holds memberships in many community and fraternal organizations, together with his professional associations as a member of the Bar.

Governor and Mrs. Shafer have three children: Diane, Raymond, Jr., and Jane as well as a grandson, "Flip."



DR. H. B. CHARMBURY
PENNSYLVANIA SECRETARY OF MINES
AND MINERAL INDUSTRIES

Pennsylvania's Secretary of Mines and Mineral Industries, Dr. H. Beecher Charmbury, was born September 21, 1914 in Hanover, Pennsylvania, and educated in Hanover public schools.

Dr. Charmbury commands a wealth of professional education and experience in his post as Secretary of Mines and Mineral Industries.

He was first appointed to this position by former Governor William W. Scranton in January, 1963, and subsequently reappointed by present Governor Raymond P. Shafer in December, 1966.

He received his A. B. degree in chemistry, cum laude, from Gettysburg College in 1936, and his Master's degree in chemistry from Pennsylvania University the following year. He was awarded his Ph. D. degree in Fuel Technology from The Pennsylvania State University in 1942.

Prior to his appointment as Secretary of Mines and Mineral Industries, Dr. Charmbury has been associated with The Pennsylvania State University since 1937 and currently is on leave of absence from that school. He started out as a research assistant in the Department of Petroleum and Natural Gas, and from there went on to become Professor and Head of the Department of Mineral Preparation at Penn State in 1953.

He was one of the first people to be invited as a lecturer at the Third International Coal Preparation Congress in Liege, Belgium in 1958, and was also a lecturer at the First European Symposium on Coal Size Reduction in Frankfurt, Germany in 1962.

The firms to which he has been a consultant on problems related to coal, metallic and non-metallic minerals, as well as air pollution, reads like a blue chip list of American industry. A partial list includes the Molybdenum Corporation of America; Rochester and Pittsburgh Coal Company; Eeso Research and Engineering Company; The Babcock and Wilcox Company; The American Tool and Supply Company; The Lampa Mining Company, Ltd.; Corn Products Company; "Rock Products" (Macleaun-Hunter Publications); and Titan Metal Manufacturing Company. In addition he has also served as consultant to many municipalities on similar problems.

He has authored numerous articles on coal and other mineral technology for such publications as "Mechanization", "Utilization", "Rock Products", "Mineral Industries", "Brick and Clay Record", and "Mining Engineering". Many of his technical papers have been translated and reprinted abroad in German, French and Chinese publications.

As a renowned authority on coal, its preparation and usage, as well as other minerals, Dr. Charmbury has also presented technical papers before such conclaves as the American Mining Congress, the American Chemical Society, and the National Association of Industrial and Mechanical Engineers.

He is listed in *American Men of Science*, *Who's Who in American Education*, *Who's Who in Engineering*, *Who's Who in the East*, and *Leaders in American Science*.

As Secretary of Mines and Mineral Industries in Pennsylvania, Dr. Charmbury serves as chairman of the following boards and commissions: Bituminous Land Reclamation Board; Coal Research Board; State Mine Subsidence Insurance Fund; Oil and Gas Conservation Commission; Anthracite and Bituminous State Mine Inspectors' Examining Board; Oil and Gas Inspectors' Examining Board; and the Anthracite Mine Drainage Commission.

In addition, he is vice-chairman of the Anthracite Allocation Committee as well as a member of the State's Sanitary Water Board and the Air Pollution Commission. He also is a member of the Board of Trustees for the Pennsylvania State University.

He is a member of the Lutheran Church, A. F. & A. M., and a past exalted ruler and past district deputy grand exalted ruler of the B. P. O. Elks.

ECONOMIC CHANGES BRING NEW TECHNOLOGY IN THE COAL INDUSTRY

At the beginning of the present century, coal and iron were the keys to industrial prosperity. At that time, and for a number of years afterward, Pennsylvania led all the states in mineral production. In a typical year after World War I, for example, this state's production of coal was 200,000,000 tons.

In the entire United States almost 90 percent of the energy formerly was generated by coal. Now, however, coal accounts for but 22 percent of the energy generated. This indicates the drastic reduction in the output of Pennsylvania coal. In contrast to the period after World War I, the figures for 1966 show a drop in production to 93,481,022 net tons. This drop has created a serious economic problem in a state so greatly dependent on the coal industry. With the reduction in coal production, employment has dropped considerably during those years (the number of miners alone from 280,011 to 34,350).

EXTENSIVE RESERVES IN PENNSYLVANIA

The reduction in coal output is due not to depletion of Pennsylvania's coal reserves but to shifts in demand. It is estimated that there are more than seven billion tons of anthracite and more than 28 billion tons of bituminous coal still unmined in Pennsylvania.

All shifts in demand take place through the price mechanism. For certain purposes aluminum, concrete, glass, and plastics have become acceptable substitutes for steel. The relatively high price of steel is due in part to the high price of coal. Changes in steel-making practices aimed at reducing costs are threatening the use of coal as it is now known. Stricter air pollution laws may tend to delay the establishing of many new mine mouth power plants.

The problems that the Pennsylvania coal industry is facing do not stop with unemployment, costs, and coal output. Mine subsidence, or cave-ins where voids have been left by coal mining, has caused considerable property damage. Acid mine drainage is another problem. Because of the physical characteristics of coal, when it is acted upon by bacteria and combined with water, sulfuric acid is formed; and that results in the pollution of streams. Burning refuse piles constitute an additional problem.

In spite of the present discouraging state of the coal industry, many experts believe that coal has a promising future both as a raw material and as a source of energy. The former is illustrated by the increasing demand for organic chemicals and carbon as a filtering agent. The extent to which Pennsylvania's coal industry will profit by these new prospects depends upon research and development, upon coal policies, and upon the ability of Pennsylvania operators to mine coal at a cost that will make possible effective competition with operators in other states.

Research and Development

As far back as 1939, coal operators and economists with foresight saw on the horizon obstacles that would have to be overcome and realized that improvements would have to be made. Recognizing research as a means of improving and stabilizing the industry, they urged legislative action. The General Assembly made a small grant to the Pennsylvania State University with the provision that every State research dollar be matched with one from the industry. This initial grant laid the foundation for growth in coal research.

In 1955 the General Assembly, acting on recommendations of the Panel of Technical Advisors of the Joint State Government Commission, created the Coal Research Board. In 1956 it passed Act 651, designating the Board to carry on research on the economics, the technology, and the marketing of anthracite and bituminous coal and their by-products for the purpose of developing new uses and increasing markets for such coal. The sum of \$500,000 was appropriated for use by the Board. The law requires that the Board be composed of nine members, namely: the Secretary of Mines and Mineral Industries, who is designated as Chairman; two anthracite operators; two bituminous coal operators; one representative of the labor collective bargaining agency of the anthracite industry; one representative of the steel industry, one representative of the electric utility industry, and one representative of the labor collective bargaining agency of the bituminous coal industry. All members except the Secretary of Mines and Mineral Industries are appointed by the Governor, each for a term of three years.

In 1963, the scope of the Coal Research Board was increased to include problems confronting the industry such as water and air pollution, mine fires, mine safety, and the development of coal mineral complexes.

Through July 1, 1967, a total of \$3,025,003 has been appropriated by the Legislature to the Coal Research Board. Of that amount, the sum of \$475,000 was appropriated for the fiscal period 1963-1964, and \$500,000 each for the fiscal periods 1964-1965, 1965-1966, and 1966-1967.

Projects conducted in past years were selected by the Board from proposals submitted by qualified research agencies. Project proposals demonstrated a need for conducting basic or fundamental research concerning the various factors related to coal; but they presented few ideas for research in applied uses for coal. The result was that the Board had little choice but to assign the bulk of its available funds to projects concerned with basic or fundamental research.

ACTIVE PROJECTS FOR COAL RESEARCH BOARD

At the present time active research projects are being carried out for the Coal Research Board by colleges, industrial corporations and coal industry institutions. The subject matter under study is in the fields of export market development, domestic market development, water pollution abatement, strip mine restoration, optimization of mine

production, reduction of ash and sulfur content in coal, coal combustion characteristics, economics of the coal industry, use of coal refuse products, reduction of mine disaster causes, removal of coal float dust, extinguishment of coal refuse bank fires and use of coal in removing airport fog.

There are now under way, several pilot plant projects through which technical information developed under previous laboratory projects can be applied and field tested. The first of these projects was a mobile acid mine drainage plant, designed and built in 1964, which has been used in studying mine drainage at six field locations. This plant has sufficient flexibility that new laboratory developments can be tested in the field. As economic and technical data are derived from the operations of this pilot plant, many unknowns will be resolved.

The second pilot plant is devoted to the treatment of coal refuse to separate combustible from non-combustible values. Arrangements have been made to use the non-combustible material to fill underground mine voids in the Commonwealth's program for the prevention of surface subsidence. The combustible portion has been tested in a nearby commercial power plant to ascertain its usability as power plant fuel. This pilot plant is also a direct result of theoretical and applied research sponsored by the Coal Research Board in the past.

The third pilot plant project consists in pursuing a means of disposing of acid water that is being discharged into streams. The technical and economical feasibility of permanent disposal of contaminated water by deep well injection into subterranean zones of mineralized brines is being studied. A deep disposal test well was drilled by a major steel company under the direction of engineers for the Pennsylvania State University.

PILOT PLANTS NOW IN OPERATION

The fourth pilot plant that is being tested is one for converting mine drainage, through flash-distillation, into ultra high quality drinking or industrial water. Distillation of acid mine drainage water has many potential benefits to the localities where streams are now polluted. Data are needed, however, to establish the market value of distilled water as well as other potential by-products in these communities in order to establish the relative overall cost comparison of distillation to lime neutralization.

The Board is now carrying on six projects, either begun in 1965 or being finished from previous years, which are related to coal market development. They are as follows: (1) The economic and technological study of domestic markets for Pennsylvania anthracite; (2) the dissipation and removal of fog from airports by the application of fine anthracite; (3) Airport fog dispersal by the heat blitz method; (4) The study of high moisture pulverized coal flames; (5) The economic importance of the coal industry to Pennsylvania; and (6) An economic and technological study of European markets for Pennsylvania anthracite.

Another well received activity sponsored by the Board, by which it is hoped to increase mine safety, was that of several five day "short

courses" at the Pennsylvania State University on the study of Rock Mechanics as a basis for strata control. Mine inspectors and representatives of industry from both anthracite and bituminous coal fields attended these courses and learned of the latest technology. Greater "know-how" by these newly trained men should be reflected in improved roof control, improved safety and over-all better protection against cave-ins.

The projects being carried on by the Board to improve mine safety are: (1) an investigation of effective measures to combat mine disasters; and (2) an investigation of methods for control of float dust in coal mines.

Projects now being carried on for the purpose of reducing mining costs are in the fields of (1) strip mining and land restoration; (2) optimization of mine production systems for low cost mining.

Projects to treat refuse banks and refuse material are as follows: (1) The characteristics and preparation of anthracite breaker refuse and the suitability of derived products for industrial use.

In addition to the mine drainage pilot plant previously mentioned, nine projects have been funded by the Coal Research Board in seeking solutions to the acid mine drainage problem.

MINE DRAINAGE RESEARCH PROJECTS

Acid mine drainage research is being carried on through the following projects:

- (1) An investigation of the technical aspects in the control and disposal of mine water to minimize stream pollution by deep well disposal.
- (2) The control of mine stream pollution by removal of the impurities from drainage streams by coal interaction.
- (3) A bibliography on acid mine drainage.
- (4) An investigation on the extraction of iron in acid mine drainage waters.
- (5) The elimination of pollution in mine drainage by biological factors.
- (6) The design, fabrication, and operation of a mobile demonstration plant for the treatment of acid mine drainage.
- (7) A feasibility study of the application of a flash distillation process for treatment of acid mine drainage water.
- (8) Removal of acid from mine drainage by ion retardation.
- (9) The effect of acid mine drainage from strip mines on the ground reservoir under various hydrogeologic environments within the Mercer Quadrangle, Pennsylvania, and the mutation of water as it moves through the ground water reservoir.
- (10) Control of water quality in coal preparation plant effluent.
- (11) Pumping acid mine water from the West Branch of the Susquehanna River into an abandoned mine to improve alkalinity content.

(12) Development of a mine drainage treatment test center at Hollywood-Tyler, Pennsylvania.

Up to the present time, 62 technical reports have been prepared concerning many of the individual projects that have been conducted by the Coal Research Board. A great quantity of information not previously known has been recorded. These records have been distributed to the coal industry, agencies, libraries, and scientifically-minded individuals. It is believed that the availability and the use of this material have been of direct assistance in making possible some of the recent developments in the use of coal.

In order to plan for future research, the Board has solicited suggestions for research areas and specific problems from the coal industry and labor, and it has compiled a list of areas in which Board members think that research may prove useful. Compilation of problem areas was prepared, then distributed to research agencies of known ability, with facilities for undertaking coal research. Proposals were solicited for projects aimed at correcting or gaining information on the problem or problems presented. The Board continuously evaluates these proposals in the light of the long- and short-term needs of the coal industry, and grants contracts as funds permit.

The Pennsylvania coal industry today is faced with the task of doing in a short time research that ought to have been undertaken many years ago. It is reasonable to believe that if an adequate research effort had been made in the past many of today's problems would not exist. A coal research program, broad in scope and extending into the future, should contribute greatly toward opening the doors to vast and valuable mineral reserves remaining in Pennsylvania.

Mine Refuse Bank Fires

Under a program first authorized by Act 3A of the General Assembly, approved March 3, 1964, supplemented by later acts, the Department was authorized to use money specifically for the purpose of extinguishing, curtailing, and preventing the spread of mine refuse bank fires. The Department made arrangements with the Federal Department of Health, Education and Welfare to undertake nine experimental projects with that Department.

Nine (9) research projects have been authorized to demonstrate the feasibility and costs of refuse bank extinguishment. These projects are as follows:

Huber Refuse Bank, removal of material by draglines followed by water quenching and layering and compaction; Carrolltown Refuse Bank, rigid foam sealing and injections with an inert gas; Heshbon Refuse Bank, grouting and covering of a bank with vermiculite, limestone dust and chemicals; Heshbon Refuse Bank, grouting and covering a refuse bank with mine drainage sludge (Yellowboy); Gipsy Refuse Bank, an application of chemical mixtures and detergents with water for bank extinguishment; White Station Refuse Bank, cooling by water sprays followed by admixing of inert—non-combustible material with coal refuse followed by compaction; Tuscarora Refuse Bank, side seal-

ing of the bank with clay followed by application of cement waste dust to the crown; Baker Refuse Bank, Scranton, fracturing fused refuse material with explosives followed by saturation with water; and Marvine Refuse Bank, hydraulic quenching and removal using high pressure water nozzles followed by layering and compaction.

All of the above projects will result in the development of improved extinguishment techniques and will produce engineering and fiscal data indicating the "least cost" extinguishment methods.

Abandoned Coal Mine Services

The abandoned coal mine services are basically for the purpose of correcting conditions caused by early mining operations that are detrimental to public welfare. During 1965 the authority to carry out these services was enlarged and it now reads as follows: "To seal or close or backfill abandoned deep or strip coal mines, to fill voids in abandoned coal mines, to drill bore holes, dig ditches or construct flumes which would relieve flooding or hazardous conditions caused by mine water, and to extinguish fires in abandoned coal mines and in culm banks, in those instances where such work is in the interest of the public welfare."

During the last calendar year, the Department conducted 61 projects under this program, using State funds only. Of these projects, 43 were conducted in twelve counties in the bituminous coal area of the Commonwealth, and 18 projects in five counties in the anthracite area.

During 1966, special emphasis was again placed on sealing abandoned deep mine openings and extinguishment of fires in abandoned coal mines insofar as the services provided under this program were concerned.

COMMONWEALTH OF PENNSYLVANIA
Department of Mines & Mineral Industries
Abandoned Coal Mine Services Program
During Calendar Year—1966

Project	County	Municipality	Type of Project	Date Started
NR-79	Luzerne	Wilkes-Barre	Drilling 4 boreholes from the Surface to underlying Baltimore Vein. Flushing Project	4/16/66
NR-80	Lackawanna	Throop Borough, Keystone Industrial Park Area	Fire Extinguishment	10/5/66
NR-81	Luzerne	Larksville Boro.	Extinguishing Mine Refuse Bank Fire	5/31/66
NR-84	Luzerne	Swyersville Boro.	Drilling boreholes for the possibility of a mine fire	10/3/66
NR-85	Sullivan	Cherry Twp.	Mine and Refuse Dump Fire in a Strip Pit	11/30/66
NR-87	Lackawanna	City of Scranton	Extinguishing a Culm Bank	11/1/66
NRD-52	Luzerne	Luzerne Boro.	Culm Bank Fire	7/7/66
NRD-53	Lackawanna	Archbald Boro.	Culm Bank Fire	7/13/66
NRD-54	Lackawanna	Throop Boro.	Culm Bank Fire	8/1/66
NRD-55	Lackawanna	City of Scranton	Bank Fire	11/23/66
NRD-56	Lackawanna	City of Scranton	Mine Fire	12/13/66

Anthracite Division

The Anthracite Division, with headquarters in Pottsville, compiled the following record of productive effort during 1966:

There were 2,131 separate deep mine inspections, during which 71 mines or sections of mines were stopped for safety reasons; also 1,050 separate strip mine inspections, during which 2 operations were stopped for safety or other reasons. In addition, preparation plant inspections, culm bank recovery inspections, and electrical inspections of deep and strip mine operations resulted in many corrective recommendations. With a total of 4,231 complete inspections during the year, by 22 inspectors, the average per inspector was 192.

A total of 1,101 inspections of waste disposal areas were conducted by inspectors.

In the field of employee safety the Department's anthracite inspectors trained 1,189 men in rudimentary First Aid, and 53 in a full scale Mine Rescue training course. In the Anthracite Division the safety record for the year shows five fatal accidents as compared to eight for the same period in 1965. Pertaining to the health of miners, 81 individual dust studies were made in 1966.

OUTSTANDING ACHIEVEMENTS BY INSPECTORS

An additional 18 new Holmes Safety Council chapters were organized during 1966, adding to the 24 chapters organized during the previous years.

Under the Abandoned Mine Services Program, engineers in the Anthracite Division made studies of 52 proposed projects, initiated 22, and completed 18. They also made 267 mine subsidence insurance investigations, and serviced three safety zone applications.

A rapidly expanding function of the Anthracite Division is strip mine blasting control. Department personnel regulated and monitored 5,251 blasts having a total of 27,153 blast holes. The Department actively regulates blasting in Carbondale, Plains Township, (Luzerne County), Wilkes-Barre, Plymouth, Warrior Run, Wanamie, Coaldale, Lansford, Nesquehoning, Shenandoah, Saint Clair and Wadesville.

In the field of restoration, State-owned equipment has replaced 865,250 cubic yards of earth in long-abandoned strip mines on public land. Outstanding examples are the State Game Lands at Gold Mine in Lebanon County, a project which has additional value in improving the quality of the water to the City of Lebanon's watershed, the Mahanoy City project on lands owned by the School District, the Kulpmont playground areas owned by the Borough Council, and the Sheppton Mine Breach.

In addition, another 93,825 cubic yards of burning material were displaced and extinguished in the Luzerne Borough, Archbald Borough, Marvine, Baker and Cedar Avenue Bank Fires, all using State-owned equipment.

Forestry activity included the planting of 1.1 million seedlings on nearly a thousand acres of restored strip mined lands.

Anthracite Strip Mine Restoration

The Bureau of Anthracite Conservation and Reclamation, established under the terms of an Act of the General Assembly numbered 393 (P. L. 781), began functioning on November 11, 1963 when the amendment to the Anthracite Strip Mining Law became effective. Its duty is to administer all the laws of the Commonwealth governing and relating to the mining of anthracite by the open pit or strip mining method.

Regulations of strip mining require operators to be licensed, to pay license fees, and to obtain permits before engaging in the excavation of overburden or the removal of coal. In 1966 the number of licensed operators decreased to 77 from 90 in 1965. The number of permits issued to strip mine operators also decreased from 348 in 1965 to 259 in 1966. The reduction in the number of licensed operators and in the amount of open pit mining permits can be attributed to the continuation of the declining market and to the fact that less areas of suitable coal are available for strip mining from year to year.

A Land Restoration Board was created under the same 1963 legislation. Its members are: the Secretary of Mines and Mineral Industries, who is the Chairman, a registered professional engineer, a conservationist, a representative of the anthracite industry, and the Deputy Secretary of Mines and Mineral Industries for the Anthracite Region. The chief function of the Board is to review the plans of mining and restoration proposed by operators for stripping pits in excess of 100 feet in depth, which will be located more than 100 feet from a public highway and more than 250 feet from a dwelling house, public building or commercial or institutional building. For those approved, the amount of final backfill required is determined by the Board and is made a condition of the permit; the operator must backfill to the extent specified.

During 1966, only 6 new permits were issued for stripping pits in excess of 100 feet in depth compared with 9 for the year 1965. There were, however, permits issued for renewals and for amended areas of open pit operations in this category that were started during previous years. This was due mainly to the fact that the shallower stripping pits, less than 100 feet in depth, involved smaller areas of land. During the two-year period the Land Restoration Board approved only three of a total of 101 original permits for alternate plans of restoration while others required replacement of all overburden in stripping pits.

Strip mining operators are required to file bonds with the Department to cover the obligations of backfilling and leveling or grading, together with planting the land areas affected by the open pit mining. During the three years of compliance with the 1963 Act, operators have filed \$2,434,357 in bond to cover the restoration obligations of mining 4,324 acres of land. One of the outstanding accomplishments of 1966; through education and enforcement, was the elimination of the practice by operators of strip mining areas of land in excess of bond. No instances of this kind occurred in 1966.

During the two-year period under the Anthracite Strip Mining and Conservation Act 133, completion reports filed for land affected by open pit mining under the act of 1963 show that 1,048 acres of land have been backfilled and restored to the original or to an improved contour over conditions existing at the beginning of the mining. A large percentage of anthracite open pit work consists in extending old stripping pits to greater depths and in almost all cases the area of land restored exceeds the amount affected by the new stripping. The final phase of restorations consists in planting the land affected by strip mining. The operator may either do this work himself or pay a prescribed fee to the Department on a per acre basis in order to be relieved of this obligation. During 1966 the amount of money received from operators for planting was \$18,438 compared with \$24,449 for 1965. During 1966 also 302,280 trees were planted by operators and 828,000 by the Department, all on land stripped and backfilled under the 1963 legislation. For the acreages of land restored, more than \$650,000 of bond has been released to operators during the 3 years of operating under the Anthracite Strip Mining and Conservation Act.

Oil and Gas Division

Because the function of the Oil and Gas Division of the Department is limited by law to the implementation of regulatory practices, accomplishments then must be defined as activities. The statistical report which follows is an exact report for the year 1966.

The number of drilling permits issued in coal areas was 371; in non-coal areas, 11, total, 382. Drilling permits issued in coal areas pertinent to the Oil and Gas Conservation Act, 51; In non-coal areas pertinent to the Oil and Gas Conservation Act, 11: Total, 62. Wells reported drilled in non-coal areas, 653; total wells reported drilled for the year, 1,035. Wells reported plugged and abandoned, 319. Pillar Permits issued, 299.

The total number of wells reported drilled is approximately 1 percent more than was reported for the year 1965. The year 1966 was the second most active since the organization of the Division. During 1966 activities were reported in 30 counties. There has been activity in 41 of Pennsylvania's 67 counties since the effective date of the Act, February 1, 1956. As to underground gas storage wells, Pennsylvania continues to lead the nation in underground gas storage capacity which is 660 billion cubic feet. Of the 73 storage reservoirs in Pennsylvania, 60 are active, four abandoned, five are being depleted, and four are in the planning stage. There are sixteen of the storage reservoirs within 10,000 linear feet of operating coal mines. This means that these 16 reservoirs are under complete jurisdiction of the Division. Gas is being stored in 113 individual pools. By way of explaining this figure, some of the storage reservoirs are storing gas in more than one geological horizon.

Inspector activities were as follows:

1. During 1966 the number of inspections made was 4,401. These included investigations of drilling, casing, and plugging operations as well as periodical inspections of storage areas.
2. The Inspectors held 1,736 consultations during the year. These consultations were between the Department's Inspectors and management representatives of the oil and/or gas companies.
3. There were made 417 special investigations including plugging operations for the following: Kinzua Dam, Moraine State Park, Keystone Power Associates, and various State Highway construction projects. These investigations were concerned not merely with inspection trips, but rather with preparation of plugging and/or casing specifications to an alternate method as permitted by the Act.
4. There were made 27 individual complaints pertaining primarily to alleged water contamination. Most of these complaints were amicably settled even though in most instances the Department had no jurisdiction. Also investigated and reported in this category were all accidents of which officials of the Department had knowledge. Recommendations were made orally to the

affected operators; and it is believed that, even without legislation, some progress relevant to safer operations was made.

5. There were 12 informal conferences held by individual inspectors. These conferences were held by the District Inspector in an attempt to settle disputes without aggravation. Since only three of these informal conferences were carried on to formal conferences in the Pittsburgh Office, it is believed that here, too, some progress has been made.

The Department is continuing to furnish the Geological Survey with all well information. Since the passage of the Oil and Gas Conservation Act in 1961, the Geological Survey has not received information directly from the operators, except that which may be forwarded willingly.

The Geographical Survey, in the compilation of its reports, is dependent upon the Department for statistical information.

Activity was quiet in so far as spacing and integration orders were concerned during the year. The members of the Commission believe that the Act has served its intended purpose, in that the drilling of wells coming within the purview of the Act, has been carried on in more orderly fashion and a wider acreage arrangement.

Coal Mine Subsidence Fund

For the second successive year the Fund has met its mandated obligation, insofar as the self-sustaining provision of the Act is concerned.

In 1965 the Fund wrote 592 policies which produced an excess of premium over administrative expense in the amount of \$28,720.93. In 1966 the Fund wrote 406 policies which produced an excess of premium over administrative expense in the amount of \$23,929.22.

The pre-year-end Statement of Condition of the Fund, dated December 1, 1966, explained reasons for the drop in policy sales, which seriously curtailed the progress of the Fund. However, it is anticipated that the renewal premium income again will be sufficiently high to pay the administrative expense for the year of 1967.

As of December 31, 1966, a total of 54 claims were paid at a cost of \$200,046.24, with 16 pending for an estimated settlement value of \$50,000.00.

Of noteworthy interest is the fact that while Act 484 (August 23, 1961) mandates that administrative expense be paid from premium income from January 1, 1965, on, the attached Fund Balance (page 1) shows premium and interest since the inception of the Fund to be \$487,710.11 and administrative expense \$481,364.34, or an excess of revenue over expenditures of \$6,345.77.

Appalachia Program

The mining area restoration sector of the Appalachia Program derives from Section 205 of the Appalachian Regional Development Act of 1965.

In 1966, the Department prepared a total of 14 project requests and forwarded them to the Secretary of Commerce, Pennsylvania's member of the Appalachian Regional Commission, for presentation to that Commission. Along with the 22 project requests prepared and forwarded in 1965, this brings the total of Pennsylvania's Appalachian project requests to 36.

To the end of 1966, 30 of the projects have been approved by the Appalachian Commission. In 1966 contracts were awarded for 10 of the 30 approved projects. Two of the projects under contract were completed during the year 1966. The other 8 were in process of construction at the end of the year. Necessary preparation of specifications and contracts for other approved projects are going forward currently.

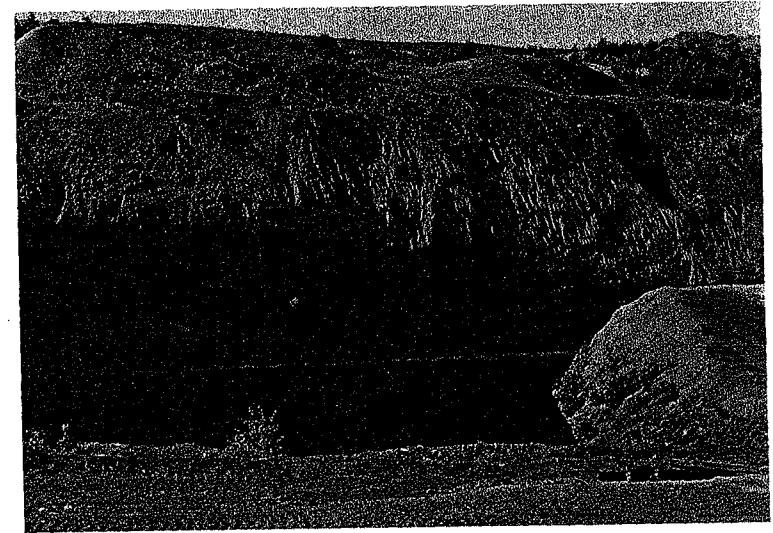
The Appalachian Regional Commission stresses data on economic and social justification of projects. The broad aspects of social and economic justification have been covered by information furnished by the State Planning Board. Local aspects and descriptive information relating to individual projects have been prepared by the Department. In 1966 Pennsylvania continued its role of pioneer in the field of mining area restoration projects. A notable advance was the development in the Department of a formula for expressing a Cost-Benefit ratio for Appalachian projects. The formula has been refined by successive use and has been greatly helpful in guiding decisions with respect to projects, both by the Commonwealth and the Appalachian Regional Commission.

At the close of 1966, the Department had 5 additional projects actively in preparation for transmittal to the Appalachian Commission, together with other projects under consideration.

By far the largest number of requests from local governments for Appalachia aid on mining area restoration have been for underground mine fire projects. Twenty-five such projects have been submitted to the Appalachian Regional Commission, along with 7 subsidence projects and 4 strip mine reclamation projects.

The Appalachia Program has given new hope to mining communities with problems related to the devastation of past mining operations. Many communities in Pennsylvania are now being aided by the Appalachia Program of mining area restoration to overcome environmental handicaps which have effectively barred the communities from helping themselves to attract new sources of employment.

Before



Anthracite strip mine showing depleted land area and dangerous, water-filled pit near Kulpmont Borough in Northumberland County.

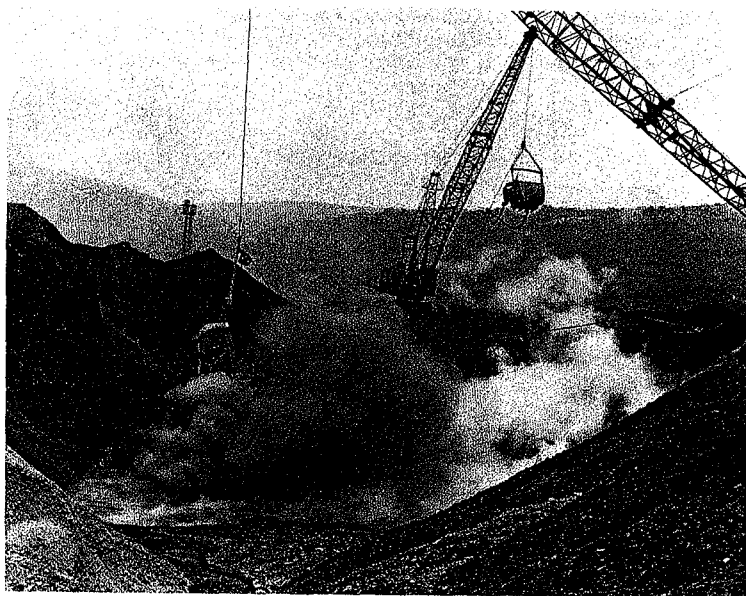
After



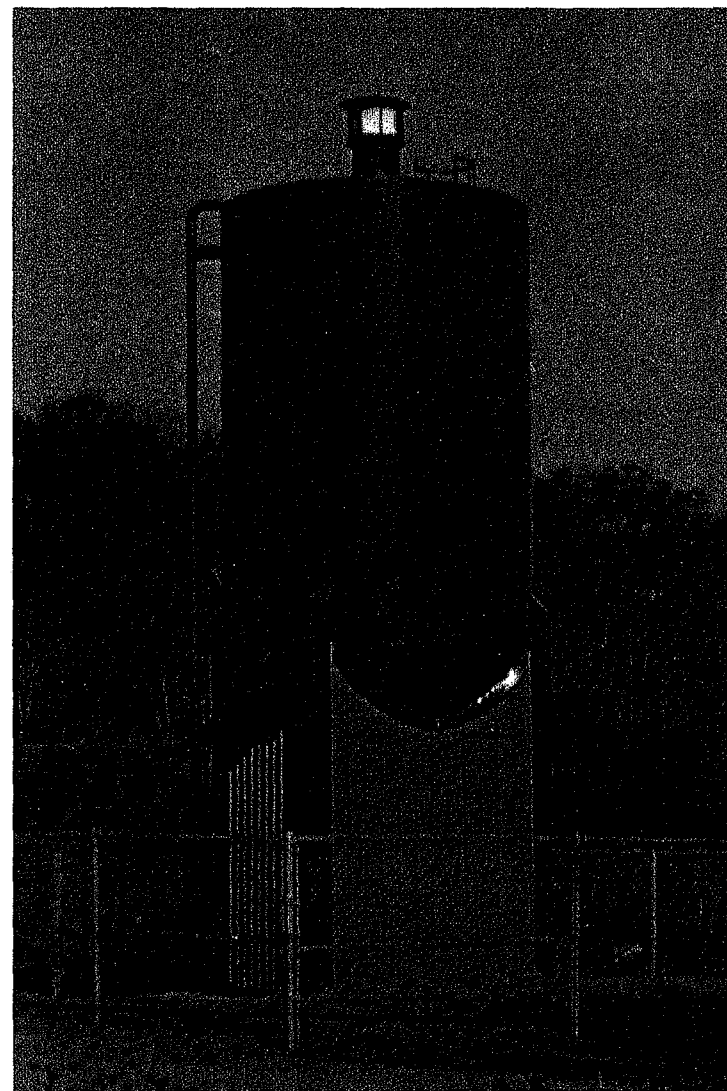
The same area in Northumberland after being completely restored to contour in May, 1966.



In 1966, the Department of Mines and Mineral Industries began intensifying its attack on the huge burning refuse banks that plague many sections of the coal regions in Pennsylvania. The Huber Bank, above, is located literally right in the City of Wilkes-Barre's backyard, emitting noxious fumes over a wide residential and business section. In attacking this bank fire, the Department used aerial infrared photography to pinpoint the "hot spots". Once these were located then huge draglines (photo below) were employed to lift the burning material out of the bank and dump it into a "quenching pit" where it is submersed in water. This joint State-Federal demonstration project involved some \$345,000.



Lime Neutralization Plant



This is the Nation's first state-owned and operated acid mine water neutralization plant, located on Little Scrubgrass Creek, northeast of Butler, Pennsylvania. This plant began operation in December, 1966, and is the direct result of information supplied from the Department's "Operation Yellowboy" portable field laboratory.

**STATISTICAL
REPORTS**

THIRTY-EIGHT YEAR STUDY OF ANTHRACITE, BY COUNTIES #

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

Fatal-
ities

THIRTY-EIGHT 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	167,415	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	198,801	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	176,426	59,711			192,356
1936	468,449		200,379	223,094	155,584	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	513,183	168,519	264,556	243,785	449,946	340,672				283,112
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				659,886
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					553,688	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				1,778,727
1966					2,239,108		1,541,344				2,406,275

Pro-
duc-
tion
per
fatal

THIRTY-EIGHT 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
	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	3.41	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

Fatalities per million man-days

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	" 4,836	" "
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	" 9,981	" "
i -	"	21,982	" 6	" 223	" 1,338	" "
j -	"	21,763	" 5	" 267	" 1,335	" "
k -	"	22,978	" 13	" 308	" 2,020	" "
l -	"	26,567	" 11	" 286	" 2,156	" "
m -	"	24,767	" 10	" 46	" 2,460	" "
n -	"	6,560	" 20	" 120	" 2,358	" "
o -	"	3,792	" 22	" 188	" 940	" "
p -	"	6,359	" 5	" 98	" 588	" "
q -	"	3,550	" 6	" 133	" 918	" "
r -	"	9,106	" 3	" 230	" 690	" "
s -	"	4,450	" 6	" 72	" 360	" "
t -	"	2,770	" 7	" 118	" 824	" "
u -	"	13,654	" 5	" 192	" 2,893	" "
v -	"	13,101	" 15	" 124	" 1,737	" "
w -	"	26,192	" 14	" 163	" 1,630	" "
x -	"	33,019	" 10	" 70	" 1,634	" "
y -	"	43,000	" 9	"	"	" "
z -	"	39,237	"	"	"	" "
aa -	"	"	"	"	"	" "

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
1966

County	Mines Employing Five or More Persons			Mines Employing Fewer Than Five Persons		Percentage of Total Production	Employes by County				Washery and Breaker	Total Em-ploy-ees	Total Fatal-ities
	Deep Mined Production	Strip Mined Production	Bank Mined Production	Deep Mined Production	Total Production		Deep	Small Deep*	Strip	Bank			
Carbon	31,093	288,659	187,309	663	507,724	4.22%	36	5	125	35	35	231	-
Columbia	66,911	188,911	27,496	16,304	299,622	2.49%	89	32	63	2	4	158	-
Dauphin	2,938	-	140,495	24,135	167,568	1.39%	51	46	2	12	52	117	-
Lackawanna	127,723	269,874	100,381	3,209	501,187	4.16%	508	18	173	41	193	915	-
Lebanon	-	39,206	31	-	39,237	0.33%	-	-	8	1	-	9	-
Luzerne	1,870,280	1,560,034	1,047,404	499	4,478,217	37.22%	2,009	11	594	200	625	3,428	2
Northumberland	283,680	556,125	352,891	238,718	1,431,414	11.90%	761	321	152	75	324	1,312	-
Schuylkill	1,159,726	2,394,149	805,414	225,506	4,584,795	38.11%	1,291	376	1,088	167	882	3,428	3
Sullivan	-	20,474	-	-	20,474	0.17%	-	-	12	-	3	15	-
Susquehanna	-	-	1,137	-	1,137	0.01%	-	-	2	2	1	5	-
Wayne	-	-	-	-	-	-	3	3	-	-	-	3	-
Division Total	3,542,351	5,317,432	2,662,558	509,034	12,031,375	100.00%	4,748	812*	2,219	535	2,119	9,621	5
Percentage of Total Production	29.44%	44.20%	22.13%	4.23%	100.00%								

* 812 small deep employes included in deep employes total.

ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK), FATALITIES, PRODUCTION PER FATAL AND EMPLOYES BY DISTRICT
1966

Dis-trict	Inspector	Deep Mined	Stripping	Bank	Total Production	Fatal-ities Deep	Fatal-ities Strip	Fatal-ities Bank	Total Fatal-ities	Production Per Fatal	TOTAL EMPLOYES
1	T. M. Beaney	-	868,920	-	868,920	-	-	-	-	-	473
2	R. O. Schneider	-	1,883,716	-	1,883,716	-	-	-	-	-	735
3	J. R. Ruane	-	1,477,949	-	1,477,949	-	-	-	-	-	621
4	Walter Davis	-	1,086,847	-	1,086,847	-	-	-	-	-	402
10	W. A. Sanders	33,800	-	32,800	66,600	-	-	-	-	-	229
11	G. F. Kettle	985,750	-	102,327	1,088,077	1	-	-	1	1,088,077	952
12	J. A. Bugel	164,362	-	142,054	306,416	-	-	-	-	-	258
13	W. R. Devens	485,515	-	278,941	764,456	-	-	-	-	-	1,413
15	A. A. Joyce	519,382	-	782,473	1,301,855	1	-	-	1	1,301,855	1,133
16	F. C. O'Connor	488,222	-	-	488,222	3	-	-	3	162,740	366
17	C. E. Kashner	153,869	-	27,613	181,482	-	-	-	-	-	168
18	J. J. Shober, Jr.	123,708	-	244,179	367,887	-	-	-	-	-	372
19	A. J. Latz	113,962	-	118,997	232,959	-	-	-	-	-	316
20	G. P. Gallagher	81,376	-	206,166	287,542	-	-	-	-	-	202
21	C. E. Miller	242,110	-	22,961	265,071	-	-	-	-	-	285
23	G. P. Gallagher, Actg.	57,808	-	590	58,398	-	-	-	-	-	127
24	A. E. Hand	98,852	-	44,504	143,356	-	-	-	-	-	512
26	P. P. Hino	92,081	-	584,778	676,859	-	-	-	-	-	611
28	Leon Brass	163,839	-	-	163,839	-	-	-	-	-	157
29	H. R. Reese	12,676	-	74,018	86,694	-	-	-	-	-	44
30	W. D. Maurer	234,073	-	157	234,230	-	-	-	-	-	245
Division Total		4,051,385	5,317,432	2,662,558	12,031,375	5	-	-	5	2,406,275	9,621

SUMMARY OF ANTHRACITE MINES, PRODUCTION AND FATALITIES BY DISTRICT
1966

Dis- trict	Inspector	Total Number of Operators	No. of Large Deep Mines	No. of Small Deep Mines*	No. of Strip of Mines	No. of Banks	Total Number of Mines	No. of Gaseous Mines	No. of Non- Gaseous Mines	No. of Em- ployes	No. of Em- ployes	No. of Em- ployes	No. of Em- ployes	Washery & Breaker Em- ployes	Total Em- ployes	No. of Deep Mined Production*	Strip Mined Production	Bank Mined Production	Total Production	Fa- tals	Pro- duction Per Fatal
1	T. M. Beaney	23	-	-	57	-	57	-	-	-	-	-	461	-	12	473	-	-	868,920	-	-
2	R. O. Schneider	9	-	-	32	-	32	-	-	-	-	-	735	-	-	735	-	-	1,883,716	-	-
3	J. R. Ruane	26	-	-	69	-	69	-	-	-	-	-	621	-	-	621	-	-	1,477,949	-	-
4	Walter Davis	16	-	-	34	-	34	-	-	-	-	-	402	-	-	402	-	-	1,086,847	-	-
10	W. A. Sanders	22	10	6	-	7	17	-	10	95	-	17	117	229	33,800	-	-	32,800	66,600	-	-
11	J. A. Bugle	8	12	-	-	12	12	-	818	-	27	107	952	985,750	-	-	102,327	1,088,077	1	1,088,077	
12	W. R. Devens	29	15	-	-	26	41	8	37	176	-	13	69	258	164,362	-	-	142,054	306,416	-	-
15	A. A. Joyce	42	42	18	-	4	24	4	7	1,005	-	101	307	1,413	485,315	-	-	278,941	764,456	-	-
16	F. C. O'Connor	28	10	4	-	14	24	4	6	653	-	112	368	1,133	519,382	-	-	782,473	1,301,855	1	1,301,855
17	C. E. Kashner	29	29	21	-	3	32	4	25	136	-	54	185	316	113,962	-	-	118,997	232,959	-	-
18	J. J. Shober, Jr.	53	30	20	-	12	42	5	25	133	-	10	22	168	153,869	-	-	27,613	181,482	-	-
19	A. J. Latz	47	35	20	-	7	42	11	24	158	-	22	136	312	123,708	-	-	244,179	367,887	-	-
20	G. P. Gallagher	51	50	31	-	4	32	11	17	117	-	45	40	202	81,376	-	-	206,166	287,542	-	-
21	C. E. Miller	20	18	12	-	1	19	4	14	118	-	8	33	285	242,110	-	-	22,961	265,071	-	-
22	A. E. Hand	28	12	10	-	2	14	1	11	267	-	6	239	611	92,061	-	-	584,778	676,859	-	-
24	P. P. Hino	46	33	19	-	15	48	9	24	174	-	105	332	611	92,061	-	-	163,839	66,694	-	-
26	Leon Brass	33	32	28	-	2	12	1	9	29	-	10	5	44	12,676	-	-	74,018	86,694	-	-
28	H. R. Reese	13	10	9	-	2	12	1	9	29	-	10	5	44	12,676	-	-	74,018	86,694	-	-
29	W. D. Maurer	22	16	10	-	1	17	9	7	182	-	1	62	245	234,073	-	-	157	234,230	-	-
Division Total		629#	425	261*	192#	100	717	114	311	4,748#	2,219	535	2,119	9,621	4,051,385	5,317,432	2,662,568	12,031,375	5	2,406,275	

NOTE: # Due to some companies operating in more than one district, the actual total number of Anthracite Operators is 562.
 Due to some companies operating in more than one district, the actual total number of Anthracite Strip Operators is 70.
 * 261 Small Deep Mines are included in the total number of Deep Mines; 812 Small Deep Employees are included in Deep Employees; 509,034 Small Deep Production is included in Deep Mined Production.

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

By Inspection District - 1966

Dis- trict	Production - Net Tons					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	Sold to By truck	Used at colliery to for steam and heat	Total production	Used at colliery to for steam and heat						
1	370,488	187,675	305,876	4,881	868,920	927,140	3,496,360	229	473	-	5
2	885,606	737,206	253,070	7,834	1,883,716	-	13,512,985	223	735	-	38
3	542,154	773,119	161,138	1,538	1,477,949	-	15,640,048	197	621	-	31
4	575,712	247,802	262,495	838	1,086,847	11,515,870	169,255	165	402	-	30
10	16,409	17,143	32,559	489	66,600	45,840	2,175	170	229	-	8
11	406,917	363,056	260,851	57,253	1,088,077	1,010,700	6,975	222	952	1	167
12	142,763	82,431	80,765	457	306,416	101,975	350	209	258	-	11
13	267,625	324,333	170,579	1,919	764,456	532,400	5,275	139	1,413	-	111
15	800,000	337,439	163,745	671	1,301,855	566,100	20,700	205	1,133	1	142
16	51,426	210,872	224,442	1,482	488,222	291,690	450	236	366	3	24
17	33,142	114,527	33,525	288	181,482	80,305	100	205	168	-	2
18	122,226	177,967	66,926	768	367,887	65,660	6,875	185	372	-	20
19	78,338	111,236	42,707	678	232,959	81,315	6,000	175	316	-	19
20	116,182	119,454	50,606	1,300	287,542	60,537	-	186	202	-	7
21	49,094	164,500	50,883	594	265,071	195,865	3,150	187	285	-	5
23	31,847	16,198	10,247	106	58,398	44,195	725	139	127	-	2
24	13,927	105,473	23,636	320	143,356	42,250	17,550	162	512	-	34
26	491,433	72,028	112,886	512	676,859	52,449	32,020	169	611	-	62
28	40,471	71,032	52,207	129	163,839	81,185	250	235	157	-	1
29	50,387	36,307	-	-	86,694	4,150	725	137	44	-	-
30	50,154	107,482	76,418	176	234,230	125,225	450	222	245	-	33
Total	5,136,301	4,377,280	2,435,561	82,233	12,031,375	15,824,851	32,922,418	190	9,621	5	752

ANTHRACITE DIVISION
SMALL MINE REPORT - 1965*

District	Number of Small Mine Operators	Number of Small Mines	Number of Men Employed in Small Mines	Small Mine Production	Fatal Accidents	Non-Fatal Accidents	Number of Man-Days
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
10	6	6	21	3,209	-	-	1,319
11	-	-	-	-	-	-	-
12	32	32	108	60,478	-	1	12,895
13	-	-	-	-	-	-	-
15	4	4	15	1,993	-	-	843
16	18	18	43	27,855	-	-	4,588
17	21	21	67	50,263	-	-	11,396
18	20	20	47	13,924	-	-	4,626
19	20	20	64	28,383	-	3	7,249
20	21	21	67	32,914	-	-	10,337
21	31	31	83	61,996	-	1	12,433
23	12	12	37	15,952	-	-	6,677
24	10	10	33	20,597	-	-	5,468
26	19	19	56	17,430	-	-	12,467
28	28	28	110	118,714	-	1	27,522
29	9	9	28	12,236	-	-	3,528
30	10	10	33	43,090	-	-	5,476
Total	261	261	812	509,034	-	6	126,784

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

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 Undercutting or Mining Machines	Number of Loading Machines			Total Number	Total Horsepower	Total Number	Number of Gallons delivered per day of 24 hours
1	-	-	-	-	-	22	813	2	14,400,000
2	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	1	3,780,000
4	-	-	-	-	-	2	600	2	797,410
10	27	-	-	29,029	57	233	4,875	1	720,000
11	201	-	-	928,561	430	591	32,532	18	16,603,074
12	4	-	-	167,890	19	228	3,057	26	948,000
13	155	-	-	446,133	567	1,257	48,338	16	32,174,000
15	94	-	-	516,569	280	750	27,779	23	18,539,400
16	16	-	-	138,029	47	303	8,995	66	2,320,600
17	5	-	-	44,382	20	134	3,860	29	1,239,007
18	12	-	-	48,932	18	453	12,879	10	71,400
19	16	-	-	35,751	25	573	10,138	20	5,513,676
20	5	-	-	210,721	44	114	3,326	7	3,671,060
21	14	-	-	102,990	46	222	3,484	32	1,189,500
23	6	-	-	5,960	22	51	2,176	5	1,551,326
24	38	-	-	107,911	152	31	262	15	3,148,000
26	9	-	-	15,678	25	445	13,529	9	9,943,434
28	7	-	-	45,376	15	101	2,445	30	140,000
29	5	-	-	76,518	9	20	245	3	20,000
30	8	-	-	74,590	41	293	7,288	38	4,071,000
Total	622	2	66	2,995,020	1,817	5,823	186,621	353	120,840,887

ANTHRACITE DIVISION
 OPERATORS PRODUCING 50,000 OR MORE TONS
 1966

District	Operator	Production
1-10-11-13-15	Blue Coal Corporation	1,540,632
3-4-18-	Reading Anthracite Co.	1,182,034
19-23-26	Lehigh Valley Anthracite, Inc.	1,073,808
1-2-3-11-	Jeddo-Highland Coal Co.	816,846
13-15-26	Greenwood Stripping Corporation	696,023
2-15-26	Glen Nan Coal Co., Inc.	625,123
2	Racho, George	492,964
11	Gilberton Coal Co.	413,021
13-15-20-29	Gangloff Brothers	188,000
3-26	Carbondale Coal Co.	185,493
12-20	Kerris & Helfrich, Inc.	185,191
1	Honeybrook Mines, Inc.	165,114
2-15	Capparell Stripping & Construction Co., Inc.	159,509
3-26	Manbeck Dredging Co., Inc.	131,800
18-19-21	State Coal Co., Inc.	119,679
20	Mercury Coal Co., Inc.	105,347
30	Huss, George	91,038
2-15	Rosini Coal Co.	84,504
3-24	United Gas Improvement Co.	82,101
13	Moffat Coal Co., Inc.	81,002
1-13	Scranton Excavating Co.	79,531
1-13	Penns Coal Co.	56,122
30	R. & K. Coal Co.	55,587
16	Bush Coal Co.	51,453
16	Anthracite Fine Coals, Inc.	51,347
4-30		

SUMMARY OF EMPLOYERS BY DISTRICT
 ANTHRACITE DIVISION--1966

District	INSIDE EMPLOYEES					OUTSIDE EMPLOYEES					Total
	Dis-	Miners	Labors	All Other	Total	Office	Breaker	All Other	Total		
1	-	-	-	-	-	8	12	47	47	473	473
2	-	-	-	-	-	30	4	735	621	735	621
3	-	-	-	-	-	39	4	735	621	735	621
4	-	-	-	-	-	24	2	376	402	402	402
10	-	-	-	-	-	3	2	27	153	229	229
11	-	-	-	-	-	12	107	191	322	952	952
12	-	-	-	-	-	5	69	58	132	288	288
13	-	-	-	-	-	13	11	307	635	1,413	1,413
15	-	-	-	-	-	5	7	368	608	1,133	1,133
16	-	-	-	-	-	3	7	67	122	366	366
17	-	-	-	-	-	5	1	22	68	168	168
18	-	-	-	-	-	8	1	185	275	372	372
19	-	-	-	-	-	14	4	136	191	316	316
20	-	-	-	-	-	8	4	40	59	202	202
21	-	-	-	-	-	4	3	33	103	285	285
23	-	-	-	-	-	8	5	34	103	177	177
24	-	-	-	-	-	40	239	17	258	512	512
26	-	-	-	-	-	5	332	133	492	611	611
28	-	-	-	-	-	2	13	9	55	157	157
29	-	-	-	-	-	2	1	5	17	44	44
30	-	-	-	-	-	5	4	62	103	245	245
Total	547	1,548	1,073	537	3,705	261	92	2,119	3,444	5,916	9,621

PRODUCTION AND ACCIDENT RECORD
FOR OPERATORS HAVING A FATALITY

1966

Operator	Deep Mined	Stripping	Bank	Total Production	Fatal Accidents			Non- Fatal	Production Per Fatal	Employees
					Deep	Strip	Bank			
Blue Coal Corporation	1,159,777	293,525	87,330	1,540,632	2	-	-	261	770,361	1,695
Lengel Coal Co., Warren	3,110	-	-	3,110	3	-	-	1	1,036	5
Total production for operators with a fatality	1,162,887	293,525	87,330	1,543,742	5	-	-	262	308,748	1,700
Total production for operators without a fatality	2,888,498	5,023,907	2,575,228	10,487,633	-	-	-	490	-	7,921
Division Total	4,051,385	5,317,432	2,662,558	12,031,375	5	-	-	752	2,406,275	9,621

CAUSES OF ANTHRACITE FATAL ACCIDENTS, BY COUNTY, 1966

	Carbon	Columbia	Dauphin	Lackawanna	Lebanon	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Percentage of total accidents
<u>INSIDE</u>													
Falls of Roof, Face or Sides	-	-	-	-	-	2	-	3	-	-	-	5	100.00%
Total Inside	-	-	-	-	-	2	-	3	-	-	-	5	100.00%
<u>OUTSIDE</u>													
No outside fatalities	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	-	-	-	-	-	2	-	3	-	-	-	5	100.00%
Percentage of total accidents	-	-	-	-	-	40.00%	-	60.00%	-	-	-	-	100.00%

ANTHRACITE FATAL ACCIDENT VICTIMS - 1966

Dis- trict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
11	James Parini	Exeter	Blue Coal Corporation	Ought Tunnel-Sugar Notch Colliery	June 10	Roof Fall
16	Russell Deibert	Wiconisco	Warren Lengel Coal Co.	No. 1 Vein Slope	Sep. 14	Roof Fall
16	John Hnatishion	St. Clair	Warren Lengel Coal Co.	No. 1 Vein Slope	Sep. 14	Roof Fall
16	Stanley Gravish	Cumbola	Warren Lengel Coal Co.	No. 1 Vein Slope	Sep. 14	Roof Fall
15	Ignatz Perlick	Plymouth	Blue Coal Corporation	Wanamie No. 18	Dec. 9	Roof Fall

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1966

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	Kohincor	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	Conyngham	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

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1966

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1892	July 23	York Farm	Lehigh Valley Coal Co.	Pottsville	Explosion of gas	15
1893	Apr. 1	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
	Jan. 13	Wadesville	Philadelphia & Reading Coal & Iron Co.	Wadesville	Crosshead fell down shaft	5
	Sep. 28	Jermyn No. 1	Jermyn & Co.	Rendham	Mine fire	5
	Oct. 30	Von Storch	D. & H. Coal Co.	Scranton	Mine fire	6
1898	May 26	Kaska, William	Dodson Coal Co.	Middleport	Drowned-water from old workings	6
	Oct. 1	Midvale	Lehigh Valley Coal Co.	Wilkes-Barre	Mine fire	5
	Nov. 5	Exeter	Lehigh Valley Coal Co.	West Pittston	Car fell on cage in shaft	9
1900	Nov. 9	Buck Mountain	Lehigh Valley Coal Co.	Mahanoy City	Explosion of gas	7
1901	Oct. 25	Buttwood	Mill Creek Coal Co.	Parrish Coal Co.	Explosion of gas	6
1902	Nov. 29	Luke Fidler	Mineral Railroad & Mining Co.	Plymouth	Explosion of gas	7
	Dec. 9	S. Wilkes-Barre	Lehigh & Wilkes-Barre Coal Co.	Shamokin	Explosion of gas	5
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	Lytle Coal Co.	Nanticoke	Falling down shaft	10
	Mar. 9	Clear Spring	Clear Spring Coal Co.	Minersville	Fall of roof	5
	Apr. 26	Conyngham	D. & H. Coal Co.	West Pittston	Falling down shaft	7
1906	May 15	Shanandoah City	Philadelphia & Reading Coal & Iron Co.	Wilkes-Barre	Falling down shaft	10
	Aug. 6	Susquehanna No. 7	Susquehanna Collieries Co.	Shanandoah	Explosion of powder & dynamite	7
	Mar. 2	Holden	Delaware, Lackawanna & Western Railroad Co.	Nanticoke	Explosion of gas	6
1907	June 18	Johnson No. 1	Scranton Coal Co.	Taylor	Explosion of gas	7
1908	May 12	Mount Lookout	Temple Iron Co.	Priceburg	Explosion of gas	7
	May 13	Prospect	Lehigh Valley Coal Co.	Wyoming	Explosion of gas	12
	July 15	Williamstown	Summit Branch Mining Co.	Midvale	Fall of roof	5
	Aug 28	Warrior Run	Lehigh Valley Coal Co.	Williamstown	Fall of roof	5
				Wilkes-Barre	Explosion of powder & dynamite	6
					Mine cars	6

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1947 - 1966

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 underground 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
1921	Mar. 9	Rahn	Lehigh Coal & Navigation Co.	Seek	Explosion of gas	5
1922	Nov. 3	Eddy Creek	Hudson Coal Co.	Scranton	Premature blast	6
1923	Feb. 21	Alliance	Alliance Coal Mining Co.	Middleport	Explosion of gas	5
	June 26	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
	Dec. 8	Mount Jessup No. 2	Mount Jessup Coal Co.	Jessup	Fall of roof	5
1924	June 6	Loomis	Glen Alden Coal Co.	Nanticoke	Explosion of gas	14
1925	May 22	Woodward	Glen Alden Coal Co.	Edwardsville	Explosion of gas	7
	Aug. 3	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	10
1926	May 6	Randolph	So. Penn Collieries Co.	Port Carbon	Explosion of gas	5
	July 3	Pettebone	Glen Alden Coal Co.	Kingston	Explosion of gas	7
	Oct. 30	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	9
	May 26	Woodward	Glen Alden Coal Co.	Edwardsville	Fall of roof, followed by an explosion of gas	7
1928	May 25	Baltimore No. 5	Hudson Coal Co.	Wilkes-Barre	Explosion of gas	10
1930	Aug. 8	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Fall of roof	8
1931	May 29	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
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 - 1966

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 Boro.	Explosion of gas	10
1951	Dec. 11	Franklin	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	8
1952	Mar. 29	Butterwood	Glen Alden Coal Co.	Hanover Twp.	Explosion of gas	5
	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

PRODUCTION TABLE

District 1
Production - net tons

Operators and Collieries		County	Shipped to market : By railroad :	Sold to local trade : By truck :	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 :
Altieri & Benzeleski												
Mosaic Mountain Strip 117-1	Lackawanna		1,204	114	954	-	2,272 a	1,150	70	179	4	-
Bliss Coal Co.												
Bliss Strip 35-1RA	Sullivan		-	-	732	-	732 b	-	300	33	*	-
Bernice Strip 35-2	Sullivan		-	-	7,424	-	7,424 c	-	1,650	212	*	-
Bliss Strip 35-3	Sullivan		-	-	1,517	-	1,517 b	-	600	25	7	-
Bliss Crushing Plant	Sullivan		-	-	-	-	-	-	-	178	1	-
Total			-	-	9,673	-	9,673	-	2,550	8	-	-
Blue Coal Corporation												
Auchincloss Strip 30-41	Luzerne		2,239	824	1,179	1	4,243 d	6,050	-	50	9	-
Bliss Strip 30-5A5	Luzerne		7,659	2,820	4,035	15	14,529 d	17,500	-	142	*	-
Huber Strip 30-29A	Luzerne		4,651	1,214	2,740	112	8,717 e	-	6,300	92	*	-
Huber Strip 30-34A	Luzerne		3,338	665	2,084	5	6,092 t	-	10,000	93	*	-
Huber Strip 30-40	Luzerne		2,965	1,023	1,602	2	5,592 f	-	11,500	62	6	-
Loomis Park Strip 30-31A3	Luzerne		18,193	3,804	11,261	136	33,394 g	-	21,400	256	4	-
Loree Strip 30-2R3	Luzerne		24,475	4,772	15,353	241	44,841 h	54,480	-	1,800	259	18
Maffett's Strip 30-15R2A4	Luzerne		9,632	2,937	5,427	69	18,065 i	-	13,600	151	*	-
Middle Road Strip 30-37A	Luzerne		2,706	580	1,668	4	4,958 j	-	6,100	122	4	-
No.20 Tunnel Strip30-26RA	Luzerne		1,501	285	946	26	2,758 k	-	6,600	126	*	-
No.20 Tunnel Strip30-33	Luzerne		1,371	354	810	2	2,537 l	-	5,000	82	2	-
No.214 Slope Strip30-38	Luzerne		2,921	1,075	1,538	2	5,536 d	11,250	-	71	11	-
Sugar Notch Strip 34-14R2A3	Luzerne		3,671	1,347	1,937	6	6,961 m	15,600	-	121	*	-
Sugar Notch Strip 30-13R3	Luzerne		5,602	2,062	2,950	7	10,621 d	27,300	-	300	9	-
Sugar Notch Strip 30-35	Luzerne		1,276	469	672	2	2,419 d	4,950	-	89	*	-
Truesdale Strip 30-32	Luzerne		3,391	1,165	1,834	5	6,395 n	11,000	1,050	49	*	-
Truesdale Strip 30-44A	Luzerne		3,962	1,437	2,101	2	7,502 o	9,550	950	63	18	-
Truesdale Strip 30-12R2	Luzerne		6,025	2,207	3,180	9	11,421 p	16,200	1,250	43	*	-
Truesdale Strip 30-43	Luzerne		1,315	407	737	2	2,461 q	4,550	-	725	18	*
Truesdale Strip 30-4R2A2	Luzerne		873	175	544	17	1,609 r	-	2,050	35	*	-
Wanamie Strip 30-23R2A4	Luzerne		26,221	9,625	13,828	42	49,716 s	100,200	-	281	21	-
Wanamie Strip 30-21RA3	Luzerne		19,580	7,208	10,313	22	37,123 d	73,500	-	199	11	-
Wanamie Strip 30-17	Luzerne		943	347	497	2	1,789 v	-	-	-	-	-
Warrior Run Strip 30-36	Luzerne		2,313	522	1,409	2	4,246 u	-	12,200	131	4	-
Total			156,823	47,324	88,645	733	293,525	352,130	102,150	117	-	-
C. B. M. Coal Co.												
Grassy Island Strip 110-2	Lackawanna		357	132	830	-	1,319 y	-	4,200	70	3	-
C. & S. Excavating Co.												
Underwood Strip 78-4	Lackawanna		2,512	270	2,632	-	5,414	120	450	46	*	-

District 1
Production - net tons

Operators and Collieries		County	Shipped to market : By railroad :	Sold to local trade : By truck :	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 :
C. & S. Excavating Co. (Continued)												
Birdseye Strip 78-5	Lackawanna		2,140	234	2,119	-	4,493	175	250	66	*	-
Grassy Island Strip 78-6A	Lackawanna		17,471	1,583	12,781	-	31,835	185	500	232	13	-
Total			22,123	2,087	17,532	-	41,742 a	480	1,200	13	-	-
Capone Coal Co.												
Prospect Strip 9-1A3	Luzerne		2,830	267	2,242	-	5,339 a	3,400	200	35	9	-
Carbondale Coal Co.												
Mine Fire Strip 64-1R3	Lackawanna		79,546	27,384	76,905	98	183,933 w	405,830	29,980	261	110	-
Eddy Creek Strip 64-2	Lackawanna		740	280	540	-	1,560 x	16,440	1,150	39	3	-
No. 1 Cleaning Plant	Lackawanna		-	-	-	-	-	-	-	261	5	-
No. 2 Cleaning Plant	Lackawanna		-	-	-	-	-	-	-	261	4	-
Total			80,286	27,664	77,445	98	185,493	422,270	31,130	122	-	4
Cicio Coal Co.												
Ontario Strip 96-1	Lackawanna		10	17	98	-	125 z	-	-	-	-	-
E. & B. Coal Sales												
Booth Strip 10-1R2A	Sullivan		-	-	6,108	-	6,108	-	-	119	2	-
Booth Cleaning Plant	Sullivan		-	-	-	-	-	-	-	243	3	-
Total			-	-	6,108	-	6,108 aa	-	-	5	-	-
Halsey Contracting Co.												
Keystone Strip 27-3	Lackawanna		2,803	264	2,222	-	5,289 a	9,650	750	85	5	-
Heights Coal Co.												
No. 6 Colliery Strip 8-2	Luzerne		1,373	129	1,087	-	2,589 a	1,250	100	26	3	-
Kaminski Bros., Inc.												
Capouse Strip 24-2	Lackawanna		2,965	280	2,350	-	5,595 bb	-	-	-	-	-
Lehigh Valley Anthracite, Inc.												
Gaylor Strip 16-4R2A3	Luzerne		14,500	14,357	12,023	920	41,800 cc	-	668,800	103	60	1
Baltimore Strip 16-2R3	Luzerne		47,390	62,838	45,275	1,908	157,411 dd	-	2,673,000	348	69	-
Total			61,890	77,195	57,298	2,828	199,211	-	3,341,800	129	-	1
Meg Coal Co.												
Maltby Strip 98-2	Luzerne		506	40	556	-	1,102 ee	-	1,220	100	*	-
Maltby Strip 98-3	Luzerne		98	3	102	-	203 a	-	250	24	*	-
Laflin Strip 98-4	Luzerne		-	-	133	-	133 ff	-	100	31	3	-
Total			604	43	791	-	1,438	-	1,570	3	-	-
Mid-Valley Products Co.												
Eddy Creek Strip 120-1	Lackawanna		6	15	57	-	78 gg	-	100	28	3	-
Moffat Coal Co.												
Storr's Strip 18-1R2	Lackawanna		620	750	571	-	1,941 x	-	-	27	3	-
Northwest Mining Co., Inc.												
Gravity Strip 81-3R2A	Lackawanna		1,855	615	1,824	-	4,294	60,320	5,530	244	8	-

		District 1 Production - net tons				Pounds							
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents	
		By railroad	By truck	to local trade	colliery for steam and heat								production
Northwest Mining Co., Inc. (Continued)													
Powderly Strip	81-1R3	Lackawanna	933	309	918	-	2,160	2,240	1,460	263	6	-	-
Clinton Strip	81-4	Susquehanna	-	-	-	-	-	-	-	20	2	-	-
	Total		2,788	924	2,732	-	6,454 hb	62,560	6,990	16	-	-	-
Oliver, James & Albert													
Bernice Strip	87-1R2	Sullivan	-	-	4,693	-	4,693 ii	1,250	150	189	2	-	-
Pasternak Bros.													
Ontario Strip	21-1A4	Lackawanna	10,063	1,109	7,614	8	18,794 jj	65,000	1,700	300	5	-	-
Rock, C. A.													
Pancoast Strip	116-1	Lackawanna	38	107	410	-	555 kk	-	650	76	5	-	-
Scranton Excavating Co.													
William A. Strip	6-2RA	Luzerne	7,864	13,672	8,733	92	30,361 ll	4,000	250	186	13	-	-
William A. Strip	6-5	Luzerne	15,726	15,571	13,690	1,122	46,109 mm	4,000	250	103	*	-	-
	Total		23,590	29,243	22,423	1,214	76,470	8,000	500	13	-	-	-
Slenska, Michael													
Archbald Strip	75-1RA	Lackawanna	-	-	-	-	-	-	200	46	2	-	-
Turnpike Coal Co.													
Underwood Strip	32-2R	Lackawanna	115	11	91	-	217 a	-	350	8	3	-	-
	District Total		370,488	187,675	305,876	4,881	868,920	927,140	3,496,360	229	473	-	5

NOTE: * Workmen transferred to other operations of the same company.

- (a) All coal prepared at Pompey Breaker - District 10.
- (b) All coal prepared at Bliss Crushing Plant - District 1.
- (c) 5,892 tons prepared at Bliss Crushing Plant - District 1
1,532 tons prepared at Booth Cleaning Plant - District 1
- (d) All coal prepared at Huber Breaker - District 13.
- (e) 3,945 tons prepared at Huber Breaker - District 13
4,772 tons prepared at Loree Breaker - District 13
- (f) 4,948 tons prepared at Huber Breaker - District 13
644 tons prepared at Loree Breaker - District 13
- (g) 6,217 tons prepared at Huber Breaker - District 13
27,177 tons prepared at Loree Breaker - District 13
- (h) 39,870 tons prepared at Loree Breaker - District 13
4,971 tons prepared at Huber Breaker - District 13
- (i) 12,316 tons prepared at Huber Breaker - District 13
5,749 tons prepared at Loree Breaker - District 13
- (j) 3,904 tons prepared at Loree Breaker - District 13
1,054 tons prepared at Huber Breaker - District 13
- (k) 234 tons prepared at Huber Breaker - District 13
2,524 tons prepared at Loree Breaker - District 13
- (l) 1,124 tons prepared at Huber Breaker - District 13
1,413 tons prepared at Loree Breaker - District 13
- (m) 6,912 tons prepared at Huber Breaker - District 13
49 tons prepared at Loree Breaker - District 13
- (n) 5,619 tons prepared at Huber Breaker - District 13
776 tons prepared at Loree Breaker - District 13
- (o) 7,290 tons prepared at Huber Breaker - District 13
212 tons prepared at Loree Breaker - District 13
- (p) 11,316 tons prepared at Huber Breaker - District 13
105 tons prepared at Loree Breaker - District 13
- (q) 1,743 tons prepared at Huber Breaker - District 13
718 tons prepared at Loree Breaker - District 13

		District 1 Production - net tons				Pounds							
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents	
		By railroad	By truck	to local trade	colliery for steam and heat								production
NOTE: (r) 224 tons prepared at Huber Breaker - District 13 1,385 tons prepared at Loree Breaker - District 13													
(s) 49,442 tons prepared at Huber Breaker - District 13 274 tons prepared at Loree Breaker - District 13													
(t) All coal prepared at Loree Breaker - District 13.													
(u) 1,165 tons prepared at Huber Breaker - District 13 3,081 tons prepared at Loree Breaker - District 13													
(v) Stock coal mined in 1965 prepared at Huber Breaker - District 13.													
(w) 59,183 tons prepared at Raymond Breaker - District 10 47,592 tons prepared at Taylor Breaker - District 13 47,533 tons prepared at Huber Breaker - District 13 30,626 tons prepared at Loree Breaker - District 13													
(x) All coal prepared at Taylor Breaker - District 13.													
(y) 752 tons prepared at Ace Breaker - District 10 567 tons prepared at Pompey Breaker - District 10													
(z) Stock coal mined in 1965 prepared at Ace Breaker - District 10.													
(aa) All coal prepared at Booth Cleaning Plant - District 1													
(bb) Stock coal mined in 1965 prepared at Pompey Breaker - District 10.													
(cc) All coal prepared at Dorrance Breaker - District 13.													
(dd) 75,320 tons prepared at Dorrance Breaker - District 13 82,091 tons prepared at Harry E. Breaker - District 13													
(ee) 895 tons prepared at Bel Air Breaker - District 13 206 tons prepared at Pompey Breaker - District 10													
(ff) All coal prepared at Kassa Breaker - District 13.													
(gg) All coal prepared at Ace Breaker - District 10.													
(hh) All coal prepared at Raymond Breaker - District 10.													
(ii) 3,285 tons prepared at Booth Cleaning Plant - District 1 1,408 tons sold as is.													
(jj) 771 tons prepared at Ace Breaker - District 10 15,173 tons prepared at Pompey Breaker - District 10 939 tons prepared at Penbrook Breaker - District 10 1,911 tons prepared at DeAngelis Breaker - District 10													
(kk) 333 tons prepared at Ace Breaker - District 10 222 tons prepared at Penbrook Breaker - District 10													
(ll) All coal prepared at Harry E. Breaker - District 13													
(mm) 35,493 tons prepared at Dorrance Breaker - District 13 10,616 tons prepared at Taylor Breaker - District 13													

		District 2				Pounds							
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents	
		By railroad	By truck	to local trade	colliery for steam and heat								production
Brook Contracting Corp.													
Oneida Strip	86-1	Schuylkill	821	1,031	5,021	-	6,873 a	-	35,489	265	11	-	-
Gowen Coal Co.													
Gowen Mammoth Strip	38-1	Schuylkill	20,521	-	11,724	-	32,245	-	3,400	225	21	-	-
Derringer Buck Mt. Strip	38-5	Luzerne	884	-	456	-	1,340	-	-	98	10	-	-
	Total		21,405	-	12,180	-	33,585 b	-	3,400	31	-	-	-
Greenwood Stripping Corporation													
Greenwood Strip	33-1	Schuylkill	173,827	124,404	32,511	1,003	331,745	-	1,392,332	229	116	-	16
Neyers Mammoth Strip	33-3	Carbon	26,103	18,575	4,854	-	49,532	-	-	265	6	-	1
Hacklebernie Strip	33-6	Carbon	10,896	7,753	2,026	-	20,675	-	280,800	198	6	-	-
No. 10 W.L. Mammoth Strip	33-7	Schuylkill	8,435	6,002	1,568	-	16,005	-	151,300	72	15	-	-
Loomis Mammoth Strip	33-9	Schuylkill	22,393	15,934	4,164	-	42,491	-	-	253	16	-	3
Wildip Orchard Strip	33-10	Carbon	7,384	5,265	1,373	-	14,012	-	-	253	6	-	-
Wildip Orchard Strip	33-12	Carbon	35,922	25,562	6,680	-	68,164	-	519,910	207	18	-	-
Lansford Primrose Strip	33-13	Carbon	6,817	4,851	1,267	-	12,935	-	423,110	131	10	-	-

		District 2 Production - net tons					Pounds					Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents		
		By railroad	By truck	to local trade	for steam and heat								production	
Greenwood Stripping Corporation (Continued)														
C-2 Mammoth Strip	33-14	Schuylkill	9,024	6,421	1,678	-	17,123	-	179	6	-	1		
Lansford Primrose Strip	33-15	Carbon	14,408	10,253	2,679	-	27,340	-	213	19	-	-		
Lansford Mammoth Strip	33-16	Carbon	5,464	3,888	1,016	-	10,368	-	142	13	-	-		
40-N2 Mammoth Strip	33-17	Carbon	30,078	21,403	5,593	-	57,074	-	274	25	-	-		
L-2 Orchard Strip	33-18	Carbon	4,469	3,180	831	-	8,480	-	131	7	-	-		
L-2 Primrose Strip	33-19	Carbon	6,095	4,337	1,133	-	11,565	-	111	7	-	-		
5 N-2 Mammoth Strip	33-21	Carbon	4,487	3,193	834	-	8,514	-	65	8	-	-		
Total			365,802	261,011	68,207	1,003	696,023 c	-	2,767,452	278	-	21		
Harban Coal & Contracting Co.														
Rahn Primrose Strip	15-1	Schuylkill	214	152	40	-	406 c	-	28	10	-	-		
Honeybrook Mines, Inc.														
Humboldt Strip	53-2	Luzerne	6,125	6,626	2,932	-	15,683	-	330,400	194	12	1		
Audenried Strip	53-3	Schuylkill	58,358	63,132	27,491	450	149,431	-	1,335,530	213	86	4		
Total			64,483	69,758	30,423	450	165,114 d	-	1,665,930	98	-	5		
Huss, George														
Mammoth-Wharton Strip	57-2	Luzerne	5,128	4,019	481	-	9,628 e	-	18,600	14	10	-		
Buck Mountain Strip	57-3	Luzerne	2,140	1,999	222	-	4,361 e	-	5,500	17	-	-		
E-30 Buck Mountain Strip	57-5	Luzerne	18,864	20,202	895	-	39,961 f	-	79,200	115	20	-		
E-28 Wharton Vein Strip	57-6	Luzerne	7,704	7,316	521	-	15,541 e	-	24,600	69	8	-		
Buck Mountain Strip	57-9	Luzerne	5,211	5,435	1,738	-	12,384 g	-	5,800	156	8	-		
Total			39,047	38,971	3,857	-	81,875	-	133,700	46	-	-		
Jeddo-Highland Coal Co.														
J-41 Strip	22-8	Luzerne	61,274	50,420	32,885	943	145,522 h	-	6,011,625	332	39	4		
J-42 Strip	22-8	Luzerne	11,736	9,636	6,341	180	27,893 i	-	-	191	30	2		
J-43 Strip	22-8	Luzerne	189,335	174,845	65,069	3,114	432,363 j	-	-	247	109	4		
Total			262,345	234,901	104,295	4,237	605,778	-	6,011,625	178	-	10		
Lehigh Valley Anthracite, Inc.														
Hazleton Tracey Strip	16-6	Luzerne	298	297	62	5	662	-	-	29	5	-		
Stockton Basin Strip	16-8	Luzerne	124,444	123,786	25,755	2,139	276,124	-	2,888,989	351	69	2		
Total			124,742	124,083	25,817	2,144	276,786 k	-	2,888,989	74	-	2		
Meadow Coal & Excavating Co., Inc.														
Lykens Strip	89-3	Schuylkill	7,747	7,299	3,230	-	17,276 d	-	6,400	276	9	-		
District Total			885,606	737,206	253,070	7,834	1,883,716	-	13,512,985	223	735	38		

NOTE: (a) All coal prepared at Blaschak Breaker - District 26

		District 2 Production - net tons					Pounds					Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents		
		By railroad	By truck	to local trade	for steam and heat								production	
NOTE: (b) All coal prepared at Gowen Breaker - District 15.														
(c) All coal prepared at Greenwood Breaker - District 18.														
(d) All coal prepared at Honeybrook Breaker - District 15.														
(e) All coal prepared at Beaverbrook Breaker - District 15.														
(f) 1,116 tons prepared at Beaverbrook Breaker - District 15														
(g) 38,845 tons prepared at Buckley Breaker - District 15														
(g) 4,165 tons prepared at Beaverbrook Breaker - District 15														
(g) 8,219 tons prepared at Honeybrook Breaker - District 15														
(h) 144,069 tons prepared at Jeddo No. 7 Breaker - District 15														
1,453 tons prepared at Hazleton Shaft Breaker - District 15														
(i) All coal prepared at Jeddo No. 7 Breaker - District 15.														
(j) 184,574 tons prepared at Jeddo No. 7 Breaker - District 15														
247,789 tons prepared at Hazleton Shaft Breaker - District 15														
(k) All coal prepared at Hazleton Shaft Breaker - District 15														

District 3

Blaschak Brothers Coal Co.												
Holmes Strip	115-1	Schuylkill	-	14,890	-	-	14,890 a	-	500	92	8	-
Bridy, Incorporated												
Bear Valley Strip	31-5	Northumberland	-	1,410	-	-	1,410 b	-	-	42	6	-
Buck Coal Co.												
Aristes Strip	49-1	Columbia	-	3,614	-	-	3,614 c	-	3,250	200	3	-
Capparell Stripping & Construction Co.												
Kohinoor Strip	19-1	Schuylkill	-	60,630	-	-	60,630	-	615,000	165	68	2
Locust Mountain Strip	19-2	Schuylkill	-	19,190	-	-	19,190	-	116,600	178	20	2
Total			-	79,820	-	-	79,820 d	-	731,600	88	-	4
Conyngnam Construction Co.												
Germantown Strip	91-2	Columbia	-	4,967	-	-	4,967	-	13,400	83	6	1
Germantown Strip	91-3	Columbia	-	7,123	-	-	7,123	-	-	220	6	-
Germantown Strip	91-4	Columbia	-	18,631	-	-	18,631	-	-	220	6	-
Germantown Strip	91-5	Columbia	-	857	-	-	857	-	-	20	2	-
Total			-	31,578	-	-	31,578 e	-	13,400	20	-	1
Folger & Chapleski												
Henry Clay Strip	119-1	Northumberland	-	5,160	-	-	5,160 b	-	600	160	4	-
Gilberton Coal Co.												
Bast Strip	39-3	Schuylkill	77,768	58,146	13,639	-	149,553	-	3,122,977	245	56	21
Hunter Tunnel	39-2	Schuylkill	20,537	15,356	3,602	-	39,495	-	688,617	245	17	-
Gold Star Strip	39-5	Schuylkill	21,979	16,434	3,855	-	42,268	-	56,548	102	20	-
Turkey Run Strip	39-6	Schuylkill	10,381	7,761	1,821	-	19,963	-	790,883	177	15	1
Total			130,665	97,697	22,917	-	251,279 f	-	4,659,025	108	-	23
Glenn Brass Coal Co.												
Enterprise Strip	107-3	Northumberland	-	1,214	-	-	1,214 g	-	-	105	1	-
Glosek Bros. Coal Sales, Inc.												
Burnside Strip	45-6	Northumberland	-	1,696	-	-	1,696	-	-	40	6	-
Burnside Strip	45-7	Northumberland	-	4,784	-	-	4,784	-	7,000	66	-	-

		District 3 Production - net tons				Pounds				Non-		
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal	
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	sible explosives used	dynamite used	worked	oves	acci-dents	acci-dents
Glosek Bros. Coal Sales, Inc. (Continued)												
Burnside Strip	45-8	Northumberland	-	8,434	-	8,434	-	7,000	151)	-	-
Total			-	14,914	-	14,914	h	14,000		6	-	-
H. & B. Coal Co.												
Bear Valley Strip	29-1	Northumberland	-	2,129	-	2,129	i	300	101	2	-	-
Howells, T. S. & Olaf, S. Stripping Co.												
Maysville Strip	4-3	Northumberland	-	585	-	585	-	-	42	2)	-	-
Maysville Strip	4-4	Northumberland	-	2,895	-	2,895	-	-	132)	-	-
Maysville Strip	4-5	Northumberland	-	1,547	-	1,547	-	-	64)	-	-
Hickory Ridge Strip	4-6	Northumberland	-	321	-	321	-	-	15)	-	-
Total			-	5,348	-	5,348	j	-		2	-	-
Jet Coal Co.												
Richards Strip	3-5	Northumberland	-	4,500	-	4,500	-	250	200	4)	-	-
Richards Strip	3-6	Northumberland	-	750	-	750	-	-	40)	-	-
Total			-	5,250	-	5,250	k	250		4	-	-
Kerris & Helfrick, Inc.												
Stuartsville Strip	7-4	Northumberland	-	98,745	-	98,745	-	70,500	196	13)	-	-
Maysville Strip	7-9	Northumberland	-	14,234	-	14,234	-	-	49)	-	-
Maysville Strip	7-10	Northumberland	-	40,724	-	40,724	-	2,000	100)	-	-
Edgewood Strip	7-11	Northumberland	-	19,724	-	19,724	-	20,000	104)	-	-
Maysville Strip	7-12	Northumberland	-	6,000	-	6,000	-	-	51	9	-	-
Maysville Strip	7-13	Northumberland	-	3,750	-	3,750	-	-	21	9	-	-
Morris Ridge Strip	7-1	Columbia	-	2,014	-	2,014	-	-	21	9	-	-
Total			-	185,191	-	185,191	i	92,500		40	-	-
Lehigh Valley Anthracite, Inc.												
Continental Strip	16-9	Columbia	-	-	-	-	-	-	-	-	-	-
		Schuylkill	72,887	43,372	15,974	479	132,712	2,134,559	242	71	-	-
Germantown Strip	16-12	Columbia	65,352	38,889	14,323	429	118,993	1,963,077	242	31	-	-
Girard Strip	16-10	Schuylkill	73,610	43,803	16,132	484	134,029	1,338,477	242	68	-	-
Primrose Strip	16-14	Schuylkill	22,282	13,259	4,883	146	40,570	483,810	83	30	-	-
Total			234,131	139,323	51,312	1,538	426,304	5,919,923		200	-	-
Mudry Bros. Trucking Co.												
Marion Heights Strip	122-1	Northumberland	-	6,531	-	6,531	m	-	108	2	-	-
North Line Coal Co.												
Burnside Strip	52-1	Northumberland	-	18,984	-	18,984	n	122,600	254	10	-	-
R. B. F. Coal Co.												
Black Diamond Strip	107-4	Northumberland	-	8,311	-	8,311	-	9,435	154	6)	-	-
Maysville Strip	107-5	Northumberland	-	2,261	-	2,261	-	3,400	56)	-	-
Edgewood Strip	107-6	Northumberland	-	4,547	-	4,547	-	5,500	82)	-	-
Total			-	15,119	-	15,119	o	19,240		6	-	-

		District 3 Production - net tons				Pounds				Non-		
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal	
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	sible explosives used	dynamite used	worked	oves	acci-dents	acci-dents
Rarick, Sterling												
Maysville Strip	124-1	Northumberland	-	4,545	-	4,545	p	-	57	2	-	-
Reading Anthracite Co.												
Knickerbocker M-112 Strip	23-8	Schuylkill	65,925	14,837	30,689	-	111,451	1,784,555	286	28	-	2
Knickerbocker M-112A	23-9	Schuylkill	517	116	241	-	874	-	9	1	-	-
Alaska A-62 Strip	23-10	Northumberland	15,868	3,570	7,387	-	26,825	-	134	5	-	-
Trevorton S-5 Strip	23-12	Northumberland	63,920	9,670	32,678	-	106,268	725,000	272	25	-	-
Trevorton S-5A Strip	23-13	Northumberland	31,128	4,709	15,914	-	51,751	1,362,810	172	18	-	-
Total			177,358	32,902	86,909	-	297,169	3,872,365		77	-	2
Rosini Coal Co.												
R-1 Strip	47-1	Northumberland	-	794	-	794	-	-	5	15)	-	-
R-10	47-10	Northumberland	-	4,228	-	4,228	-	-	34)	-	-
R-11	47-11	Northumberland	-	3,675	-	3,675	-	-	43)	-	-
R-12	47-12	Northumberland	-	763	-	763	-	-	9)	-	-
R-13	47-13	Northumberland	-	3,926	-	3,926	-	-	35)	-	-
R-14	47-14	Northumberland	-	38,071	-	38,071	-	51,300	95)	-	1
R-15	47-15	Northumberland	-	9,187	-	9,187	-	100,000	41)	-	-
R-16	47-16	Northumberland	-	15,328	-	15,328	-	40,000	53)	-	-
R-17	47-17	Northumberland	-	8,532	-	8,532	-	-	23)	-	-
Total			-	84,504	-	84,504	r	191,300		15	-	-
S. & D. Coal Co.												
Hickory Swamp Strip	127-1	Northumberland	-	200	-	200	s	-	15	2	-	-
S. & S. Contracting Co.												
Natalie Strip	109-2	Northumberland	-	941	-	941	-	100	65	3)	-	-
Coal Run Strip	109-3	Northumberland	-	3,000	-	3,000	-	-	187)	-	-
Total			-	3,941	-	3,941	c	100		3	-	-
Savitski Brothers Coal Sales												
Natalie Strip	76-2	Northumberland	-	194	-	194	-	-	8	3)	-	-
Roaring Creek Strip	76-4	Northumberland	-	959	-	959	-	-	45)	-	-
Roaring Creek Strip	76-5	Northumberland	-	194	-	194	-	-	2)	-	-
Total			-	1,347	-	1,347	t	-		3	-	-
Split Vein Coal Co.												
Henry Clay Strip	113-2	Northumberland	-	606	-	606	-	-	22	2)	-	-
Henry Clay Strip	113-3	Northumberland	-	11,827	-	11,827	-	-	136)	-	-
Maysville Strip	113-4	Northumberland	-	677	-	677	-	-	13	2)	-	-
Hickory Ridge Strip	113-5	Northumberland	-	1,036	-	1,036	-	-	13)	-	-
Total			-	14,146	-	14,146	u	-		4	-	-
Unique Coal Co.												
Kulpmont Strip	46-2	Northumberland	-	1,406	-	1,406	-	-	146	3)	-	-

Operators and Collieries	County	District 3 Production - net tons					Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Sold to local trade	Used at colliery for steam and heat	Total production						
		By railroad	By truck									
		: : : : : :		: : :	: : :	: : :						
Unique Coal Co. (Continued)												
Kulpmont Strip	46-3 Northumberland	-	663	-	-	663	-	-	33	-	-	-
Total		-	2,069	-	-	2,069	-	-		3	-	-
Zanella Bros.												
Luke Fidler Strip	123-1 Northumberland	-	1,293	-	-	1,293 v	-	-	76	2	-	-
District Total		542,154	773,119	161,138	1,538	1,477,949	-	15,640,048	197	621	-	31

NOTE: (a) All coal prepared at Blaschak Breaker - District 26.
 (b) All coal prepared at Lower Region Washery - District 24.
 (c) All coal prepared at D. & Z. Breaker - District 24.
 (d) All coal prepared at Rosa Breaker - District 26.
 (e) 4,967 tons prepared at Mammoth Breaker - District 26
 677 tons prepared at D. & Z. Breaker - District 24
 2,249 tons prepared at Savitski Breaker - District 20
 3,091 tons prepared at Ace Breaker - District 10
 12,199 tons prepared at Glen Burn Breaker - District 24
 926 tons prepared at C. & J. Breaker - District 20
 7,469 tons shipped to Pennsylvania Power & Light Co.
 (f) All coal prepared at Gilberton Fine Coal Plant - District 26.
 (g) All coal prepared at Ranshaw Washery - District 29.
 (h) All coal prepared at Glosek Breaker - District 24.
 (i) All coal prepared at Glen Burn Breaker - District 24.
 (j) 1,533 tons prepared at Ace Breaker - District 10
 3,815 tons prepared at D. & Z. Breaker - District 24
 (k) 3,000 tons prepared at Legal Breaker - District 16
 2,250 tons prepared at D. & Z. Breaker - District 24
 (l) All coal prepared at Mammoth Breaker - District 26.
 (m) All coal shipped direct to Pennsylvania Power & Light Co.
 (n) All coal prepared at Reidinger Breaker - District 24.
 (o) 6,368 tons prepared at Glen Burn Breaker - District 24
 250 tons prepared at Diminick Breaker - District 24
 340 tons prepared at Split Vein Breaker - District 24
 7,949 tons prepared at C. & J. Breaker - District 20
 212 tons prepared at Ace Breaker - District 10
 (p) 4,045 tons prepared at Ranshaw Washery - District 29
 500 tons prepared at Ace Breaker - District 10
 (q) 158,169 tons prepared at Trevorton Breaker - District 17
 139,000 tons prepared at St. Nicholas Breaker - District 26
 (r) All coal prepared at Carbon Run Breaker - District 24.
 (s) All coal prepared at C. & J. Breaker - District 20.
 (t) All coal prepared at Savitski Breaker - District 20.
 (u) All coal prepared at Split Vein Breaker - District 24.
 (v) 483 tons prepared at Ranshaw Washery - District 29
 810 tons prepared at Diminick Breaker - District 24

Operators and Collieries	County	District 4 Production - net tons					Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Sold to local trade	Used at colliery for steam and heat	Total production						
		By railroad	By truck									
		: : : : : :		: : :	: : :	: : :						
Anthracite Fine Coals, Inc.												
Sherman Mountain Strip	73-2R Schuylkill	26,212	24,105	1,030	-	51,347 a	62,180	675	172	13	-	-
Bear Gap Stripping Co.												
Bear Valley Strip	79-1 Dauphin	-	-	-	-	-	-	-	88	2	-	-
Bell Coal Co.												
Bell Strip	121-1 Schuylkill	2,760	6,107	5,908	128	14,903 b	-	-	260	3	-	-
Bernitsky Brothers Coal Co.												
Bernitsky Strip	112-2 Schuylkill	-	306	204	-	510 c	-	50	144	1	-	-
Blue Bell Enterprises, Inc.												
New Philadelphia Strip	14-2 Schuylkill	8,106	12,242	2,216	114	22,678 d	43,348	630	296	5	-	-

Operators and Collieries	County	District 4 Production - net tons					Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Sold to local trade	Used at colliery for steam and heat	Total production						
		By railroad	By truck									
		: : : : : :		: : :	: : :	: : :						
C.L.S. Coal Co., Inc.												
Tracy Strip	125-1 Schuylkill	28	187	-	-	215 e	-	-	23	3	-	-
Cardiff Stripping Co., Inc.												
Gorenty Strip	118-1 Schuylkill	5,412	14,262	11,780	390	31,844 f	8,290	200	266	12	-	-
Dando & Troup Coal Co.												
Scott's Colliery Strip	34-2 Schuylkill	38	3,418	2,218	26	5,700 g	8,600	-	216	2	-	-
Gerhart, George												
Gerhart Strip	111-1 Schuylkill	-	412	211	-	623 h	-	-	86	1	-	-
Kerrigan Coal Co., Inc., Paul												
East Gold Strip	102-1 Lebanon	10,420	12,580	147	7	23,154	-	-	128	4	-	-
West Gold Strip	102-5 Lebanon	7,170	8,780	100	2	16,052	-	-	105	4	-	-
Total		17,590	21,360	247	9	39,206 i	-	-		8	-	-
Kocher Coal Co., Inc., Leon E.												
Sherman Mountain Strip	90-4 Schuylkill	3,993	9,218	2,740	21	15,972	18,000	-	63	17	-	-
Sherman Mountain Strip	90-5 Schuylkill	1,814	5,017	420	7	7,258	23,500	-	41	11	-	-
Sherman Mountain Strip	90-6 Schuylkill	2,724	6,431	1,728	12	10,895	4,300	-	111	10	-	-
Total		8,531	20,666	4,888	40	34,125 j	45,800	-		38	-	-
Reading Anthracite Co.												
Mount Laffee P-49 Strip	23-1R Schuylkill	83,591	18,812	38,912	-	141,315	-	-	138	12	-	1
Beechwood P-46 Strip	23-2R Schuylkill	37,896	8,528	17,641	-	64,065	-	-	21	5	-	-
Oak Hill P-47 Strip	23-3 Schuylkill	-	-	-	-	-	-	-	175	1	-	-
Wadesville P-33 Strip	23-4 Schuylkill	72,861	16,397	33,918	-	123,176	1,547,632	7,000	240	42	-	4
St. Clair P-48 Strip	23-5 Schuylkill	117,719	26,491	54,800	-	199,010	5,317,669	94,750	257	76	-	16
St. Clair P-44 Strip	23-6 Schuylkill	32,272	7,263	15,023	-	54,558	1,723,405	5,300	206	21	-	3
St. Clair P-44A Strip	23-7 Schuylkill	4,580	1,031	2,132	-	7,743	-	-	9	8	-	-
Buck Run P-45 Strip	23-11RA Schuylkill	116,357	26,186	54,166	-	196,709	2,052,765	53,180	249	21	-	4
Pine Knot P-39 Strip	23-14 Schuylkill	-	-	-	-	-	-	-	175	1	-	-
Buck Run P-45A Strip	23-15 Schuylkill	8,284	1,864	3,856	-	14,004	171,346	4,620	103	14	-	-
Potts-Bannan P-50 Strip	23-16 Schuylkill	-	-	-	-	-	-	-	99	13	-	-
Total		473,560	106,572	220,448	-	800,580 k	10,812,817	164,850	214	214	-	28
Schock, Norman Co.												
Bell Colliery Strip	59-1R Schuylkill	-	-	-	-	-	-	-	51	3	-	-
Schuylkill Contracting Co., Inc.												
Jugular Strip	36-1R Schuylkill	371	620	385	-	1,376	-	-	16	6	-	-
Top & Middle Split Strip	36-2 Schuylkill	2,060	3,240	1,510	-	6,810	75,400	-	37	14	-	-
Mammoth & Holmes Strip	36-3 Schuylkill	6,724	11,980	6,203	-	24,907	241,560	-	144	20	-	1
Buck Run Strip	36-4 Schuylkill	710	1,189	410	-	2,309	-	-	15	15	-	-
Total		9,865	17,029	8,508	-	35,402 l	316,960	-		55	-	1
Swatara Coal Co.												
Primrose Basin Strip	70-1R Schuylkill	6,070	5,212	980	34	12,296	26,241	618	90	13	-	-

		District 4 Production - net tons				Pounds				Non-		
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal	
Operators and Collieries	County	By : railroad	By : truck	local trade	for steam and heat	production:	sible ex- plosives used	dynamite used	worked	oves	acci- dents	acci- dents
Swatara Coal Co. (Continued)												
Mammoth Strip	70-2 Schuylkill	14,110	11,986	2,939	78	29,113	184,634	1,432	276	12	-	1
Swatara Falls	Mammoth S.70-3 Schuylkill	3,118	2,648	820	14	6,600	7,000	-	118	13	-	-
Total		23,298	19,846	4,739	126	48,009 m	217,875	2,050	38	-	-	1
Tropp Stripping Co., Lawrence												
Tropp Strip	1-1(A-1) Schuylkill	312	1,290	98	5	1,705 n	-	800	45	4	-	-
District Total		575,712	247,802	262,495	838	1,086,847	11,515,870	169,255	165	402	-	30

NOTE: (a) All coal prepared at Donaldson Breaker - District 30
 (b) 9,640 tons prepared at Black Heath Breaker - District 19
 3,504 tons prepared at J. & E. Breaker - District 18
 950 tons prepared at D. & Z. Breaker - District 24
 809 tons prepared at Wesner Breaker - District 15
 (c) All coal prepared at K. & P. Breaker - District 19
 (d) 11,170 tons prepared at D. & Z. Breaker - District 24
 6,240 tons prepared at Wesner Breaker - District 15
 2,080 tons prepared at Schneck's Breaker - District 30
 3,188 tons prepared at Silver Creek Breaker - District 18
 (e) All coal prepared at Maple Spring Breaker - District 19
 (f) All coal prepared at Black Heath Breaker - District 19
 (g) All coal prepared at Minersville Breaker - District 19
 (h) All coal prepared at J. & E. Breaker - District 18
 (i) All coal prepared at Kerrigan Breaker - District 12
 (j) All coal prepared at Kocher Breaker - District 30
 (k) All coal prepared at New St. Nicholas Breaker - Dist. 19
 (l) All coal prepared at Marlin Breaker - District 19
 (m) All coal prepared at Swatara Breaker - District 21
 (n) All coal prepared at Schneck's Breaker - District 30

		District 10				Pounds				Non-		
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal	
Operators and Collieries	County	By : railroad	By : truck	local trade	for steam and heat	production:	sible ex- plosives used	dynamite used	worked	oves	acci- dents	acci- dents
Ace Anthracite, Inc.												
Ace Bank	Lackawanna	-	-	1,645	-	1,645	-	-	222	2)	-	-
Eddy Creek Bank	Lackawanna	-	-	200	-	200	-	-	10)	-	-
Ace Cleaning Plant	B Lackawanna	-	-	-	-	-	-	-	232	2	-	-
Total		-	-	1,845	-	1,845 a	-	-	4	-	-	-
Ace Coal Co.												
Ace Breaker	B Lackawanna	-	-	-	-	-	-	-	66	9	-	-
Blue Coal Corp.												
Marvine Bag Plant	Lackawanna	-	-	-	-	-	-	-	250	13	-	-
DeAngelis, Inc.												
Bolands Breaker	B Lackawanna	-	-	-	-	-	-	-	96	8	-	-
Bolands Colliery	DM Lackawanna	-	1,960	-	-	1,960	1,000	-	193	5	-	-
Coalbrook Bank	Lackawanna	-	6,776	-	-	6,776	-	-	96	3)	-	-
O.S.C. Bank *	Lackawanna	-	1,443	-	-	1,443	-	-	-	-	-	-
Total		-	10,179	-	-	10,179 b	1,000	-	16	-	-	-
Fern Hill Coal Co.												
Clinton Colliery *	DM Wayne	-	-	-	-	-	-	-	10	3	-	-

		District 10				Pounds				Non-		
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal	
Operators and Collieries	County	By : railroad	By : truck	local trade	for steam and heat	production:	sible ex- plosives used	dynamite used	worked	oves	acci- dents	acci- dents
Flo Coal Co.												
Underwood Colliery *	DM Lackawanna	510	48	411	-	969 c	1,600	-	68	3	-	-
Lemontelli Coal Co.												
Ontario Colliery	DM Lackawanna	14	504	141	2	661 d	1,400	-	155	3	-	-
Matisko Coal Co.												
Forest City Bank	Susquehanna	411	242	484	-	1,137	-	-	122	2	-	-
Cleaning Plant	B Susquehanna	-	-	-	-	-	-	-	122	1	-	-
Total		411	242	484	-	1,137 e	1,400	-	3	-	-	-
Micklick Coal Co.												
DeLoman Colliery	DM Lackawanna	25	104	300	-	429 f	1,100	-	130	2	-	-
Mitchell Mining Co.												
Olyphant Colliery *	DM Lackawanna	1,183	138	1,072	2	2,395 g	1,300	-	16	11	-	-
Northwest Mining Co., Inc.												
Gravity Colliery	DM Lackawanna	1,083	359	1,065	-	2,507	640	-	228	7	-	2
Marvine Retail	BP Lackawanna	-	-	-	-	-	-	-	289	16	-	3
Raymond Breaker	B Lackawanna	-	-	-	-	-	-	-	192	23	-	-
Total		1,083	359	1,065	-	2,507 h	640	-	46	-	-	5
Olyphant Fuel Co., Inc.												
Olyphant Bank	Lackawanna	1,156	2,570	14,388	400	18,514	-	-	128	7	-	-
Olyphant Cleaning Plant	B Lackawanna	-	-	-	-	-	-	-	128	15	-	-
Total		1,156	2,570	14,388	400	18,514 i	-	-	22	-	-	-
Panzitta Construction Co.												
Ontario Colliery	DM Lackawanna	2,241	706	3,926	45	6,918 j	12,000	-	150	7	-	-
Penbrook Coal Co.												
Penbrook Bank	Lackawanna	3,085	-	-	-	3,085	-	-	146	3	-	-
Penbrook Breaker	B Lackawanna	-	-	-	-	-	-	-	146	4	-	-
Total		3,085	-	-	-	3,085 k	-	-	7	-	-	-
Pennsylvania Coal Co.												
Maintenance	M Lackawanna	-	-	-	-	-	-	-	250	2	-	-
Petam Enterprises, Inc.												
Ontario Colliery *	DM Lackawanna	300	100	435	-	835 l	1,800	-	20	10	-	-
Pientack Coal Co.												
Raymond Colliery *	DM Lackawanna	6	27	78	-	111 f	125	50	60	2	-	-
Pompey Coal Co.												
Pompey Breaker	B Lackawanna	-	-	-	-	-	-	-	256	32	-	2
Rider Coal Co.												
Underwood Colliery	DM Lackawanna	6,368	1,431	8,139	38	15,976 m	22,800	2,125	245	22	-	1

		District 10 Production - net tons				Pounds				Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat							
RoMike Coal Co.												
DeLoma Colliery*	DM Lackawanna	27	72	275	2	376 n	875	-	54	3	-	-
Virby Coal Co.												
Raymond Colliery*	DM Lackawanna	-	663	-	-	663 b	1,200	-	99	2	-	-
Waddell Coal Mining Co., Inc.												
Waddell Washery	W Lackawanna	-	-	-	-	-	-	-	68	7	-	-
District Total		16,409	17,143	32,559	489	66,600	45,840	2,175	170	229	-	8

NOTE: * Operations abandoned.
 (a) All coal prepared at Ace Cleaning Plant.
 (b) All coal prepared at Bolands Breaker.
 (c) 6 tons prepared at Ace Breaker
 963 tons prepared at Pompey Breaker
 (d) 57 tons prepared at Penbrook Breaker
 133 tons prepared at Ace Breaker
 471 tons prepared at Bolands Breaker
 (e) 65 tons prepared at Raymond Breaker
 100 tons prepared at Waddell Washery
 972 tons prepared at Matisko Cleaning Plant
 (f) All coal prepared at Penbrook Breaker.
 (g) 194 tons prepared at Ace Breaker
 2,201 tons prepared at Pompey Breaker

B - Breaker
 BP - Breaker Preparation Only
 W - Washery
 DM - Deep Mined

(h) All coal prepared at Raymond Breaker.
 (i) All coal prepared at Olyphant Cleaning Plant.
 (j) 67 tons prepared at Bolands Breaker
 3,727 tons prepared at Pompey Breaker
 3,124 tons prepared at Ace Breaker
 (k) All coal prepared at Waddell Washery.
 (l) 533 tons prepared at Pompey Breaker
 302 tons prepared at Penbrook Breaker
 (m) 2,556 tons prepared at Ace Breaker
 2,044 tons prepared at Penbrook Breaker
 11,376 tons prepared at Pompey Breaker
 (n) 192 tons prepared at Ace Breaker
 184 tons prepared at Penbrook Breaker

		District 11								Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat							
Bartoli Construction Co.												
Nanticoke No. 7 Colliery Bank	Luzerne	-	25,780	-	-	25,780 a	-	-	255	3	-	-
Blue Coal Corporation												
Avondale Bank	Luzerne	3,600	894	2,147	54,906	61,547 c	-	-	206	17	-	-
Huber No. 132 Slope	DM Luzerne	16,037	4,910	10,637	51	31,635 d	26,025	650	239	12	-	5
Nanticoke Power Plant	Luzerne	-	-	-	-	-	-	-	365	36	-	-
Sugar Notch No. 133 Slope	DM Luzerne	159	60	80	1	300 e	1,125	25	68	4	-	-
Sugar Notch No. 134 Slope	DM Luzerne	-	-	-	-	-	500	-	29	5	-	-
Sugar Notch Ought Tunnel	DM Luzerne	72,746	26,781	38,319	103	137,949 g	102,500	775	236	143	1	23
Sugar Notch No. 210 Slope	DM Luzerne	10,370	3,818	5,463	66	19,717 g	30,500	-	237	23	-	1
Truesdale No. 213 Slope	DM Luzerne	43,966	11,699	25,811	1,193	82,669 h	74,675	-	206	81	-	13
Truesdale No. 217 Slope	DM Luzerne	-	-	-	-	-	-	-	-	-	-	-

		District 11				Pounds				Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat							
Blue Coal Corporation (Continued)												
Truesdale No. 218 Slope	DM Luzerne	21,074	4,557	12,958	234	38,823 i	44,250	-	203	37	-	7
Total		167,952	52,719	95,415	56,554	372,640	279,575	1,450	358	1	-	49
Glen-Nan Coal Co., Inc.												
Glen Lyon No. 3 Slope	DM Luzerne	221,383	256,052	147,380	308	625,123 k	678,600	5,500	230	428	-	108
Glyon Mining, Inc.												
Glen Lyon No. 9 Slope	DM Luzerne	519	10,732	6,946	29	18,226 l	17,125	25	249	18	-	-
L.J.B., Incorporated												
No. 5 Bank	Luzerne	-	14,829	171	-	15,000 m	-	-	93	7	-	-
Lehigh Valley Anthracite, Inc.												
Loomis Breaker	BP Luzerne	-	-	-	-	- n	-	-	365	2	-	-
San Mining Co., Inc.												
Buttonwood No. 441 Slope	DM Luzerne	17,063	2,944	10,939	362	31,308	35,400	-	134	31	-	2
Susquehanna Coal Co.												
Glen Lyon Breaker	BP Luzerne	-	-	-	-	-	-	-	178	105	-	8
District Total		406,917	363,056	260,851	57,253	1,088,077	1,010,700	6,975	222	952	1	167

NOTE: (a) 21,010 tons shipped unprepared to United Gas Improvement Co. Hunlock Plant.
 4,770 tons shipped unprepared to Pennsylvania Power & Light Co. Stanton Plant.
 (b) Operated as Glen Alden Corporation to February 18, 1966. Changed to Blue Coal Corp.
 (c) 54,846 tons shipped unprepared to Nanticoke Power Plant
 4,095 tons prepared at Loree Breaker - District 13
 2,606 tons prepared at Huber Breaker - District 13
 (d) 15,525 tons prepared at Huber Breaker - District 13
 13,848 tons prepared at Loree Breaker - District 13
 2,191 tons prepared at Bel Air Breaker - District 13
 71 tons prepared at Taylor Breaker - District 13
 (e) Operations started October 10, 1966.
 All coal prepared at Huber Breaker - District 13.
 (f) Operations started October 22, 1966. Development only, no coal shipped.
 (g) All coal prepared at Huber Breaker - District 13.
 (h) 41,534 tons prepared at Loree Breaker - District 13
 40,425 tons prepared at Huber Breaker - District 13
 70 tons prepared at Dorrance Breaker - District 13
 69 tons prepared at Taylor Breaker - District 13
 571 tons prepared at Pompey Breaker - District 10
 (i) Sealed October 3, 1966. Idle during year.

B - Breaker
 BP - Breaker Preparation Only
 DM - Deep Mined
 W - Washery

(j) 30,161 tons prepared at Loree Breaker - District 13
 8,662 tons prepared at Huber Breaker - District 13
 (k) 438,270 tons prepared at Glen Lyon Breaker
 13,144 tons prepared at Penbrook Breaker - District 10
 3,273 tons prepared at Ace Breaker - District 10
 7,580 tons prepared at Pompey Breaker - District 10
 136,052 tons prepared at Bel Air Breaker - District 13
 850 tons prepared at Kassa Breaker - District 13
 9,631 tons prepared at Dorrance Breaker - District 13
 16,323 tons prepared at Harry E. Breaker - District 13
 (l) 10,676 tons prepared at Glen Lyon Breaker
 5,590 tons prepared at Penbrook Breaker - District 10
 1,860 tons prepared at Ace Breaker - District 10
 100 tons prepared at Harry E. Breaker - District 13
 (m) 1,137 tons prepared at Glen Lyon Breaker
 13,863 tons shipped unprepared to Merck Chemical Co.
 (n) Idle during 1966.
 (o) 30,927 tons prepared at Loree Breaker - District 13
 381 tons prepared at Taylor Breaker - District 13
 Work ceased August 1966, sealed October 4, 1966.

		District 12 Production - net tons					Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	fatal acci-dents		
		By railroad	By truck	to local trade	colliery for steam and heat								production	
A. & J. Coal Co.														
Middle Split Slope	DM Schuylkill	1,486	1,920	5,146	6	8,558 a	5,000	-	260	10	-	-		
A. & P. Coal Co.														
L.V. No. 6 Vein Slope	DM Schuylkill	-	-	3,248	15	3,263 b	3,000	-	252	4	-	-		
Acme Coal Co.														
L.V. No. 5 Vein Slope	DM Schuylkill	-	-	6,712	31	6,743 b	2,200	-	235	4	-	1		
B. & P. Coal Co.														
Buck Mountain Slope	DM Schuylkill	52	120	753	1	926 c	600	-	126	3	-	-		
Blyler Coal Co., Glen														
No. 7 Vein Slope	DM Dauphin	-	-	49	1	50 b	25	-	14	1	-	-		
Clark Coal Co.														
No. 2 Slope	DM Schuylkill	4,477	12,760	2,271	54	19,562 d	10,250	-	301	16	-	2		
Deeter Coal Co.														
No. 6 Vein Slope	DM Dauphin	-	-	1,457	5	1,462 e	2,000	250	171	2	-	-		
Elizabethville Coal Co.														
Elizabethville Bank	Dauphin	349	12,130	15	3	12,497 f	-	-	208	1	-	-		
Frank, George														
Frank Coal Sales	Ramp Dauphin	-	-	-	-	-	-	-	176	1	-	-		
Gangloff Brothers														
Williamstown Silt Bank	Dauphin	120,000	-	-	-	120,000 g	-	-	168	8	-	-		
Garber Coal Co.														
Buck Mountain Slope	DM Schuylkill	-	-	788	3	791 b	400	-	48	3	-	-		
Harner Coal Co.														
Skidmore Slope	DM Schuylkill	8,336	21,194	3,609	86	33,225 h	21,850	-	303	11	-	5		
Herring Brothers Coal Co.														
L.V. No. 5 Vein Slope	DM Schuylkill	188	534	73	3	798 i	400	-	48	5	-	-		
Hornberger Coal Co.														
No. 8 Vein Slope	DM Dauphin	593	1,074	157	4	1,828	1,000	-	145	3	-	-		
Buck Mountain Slope	DM Schuylkill	978	2,939	479	16	4,412	2,100	-	130	5	-	-		
Total		1,571	4,013	636	20	6,240 k	3,100	-		8	-	-		
J. & R. Coal Co.														
No. 8 Vein Slope	DM Dauphin	-	1,054	117	5	1,176 l	850	-	61	3	-	-		
K.D.S. Coal Co.														
No. 8 Vein Slope	DM Dauphin	-	813	90	4	907 l	500	-	55	4	-	-		
K.E.W. Coal Co.														
White's Vein Slope	DM Schuylkill	421	162	4,045	-	4,628 m	3,200	-	241	5	-	-		
Kerrigan Coal Co., Inc., Paul														
Kerrigan Breaker	BP Dauphin	-	-	-	-	-	-	-	188	8	-	-		
Kerrigan Bank	Dauphin	86	104	4	1	195	-	-	188	2	-	-		
Total		86	104	4	1	195 n	-	-		10	-	-		

		District 12 Production - net tons					Pounds				Fatal		Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	fatal acci-dents		
		By railroad	By truck	to local trade	colliery for steam and heat								production	
Kintzel Brothers Coal Co.														
L.V. No. 6 Vein Slope	DM Schuylkill	335	1,420	674	8	2,437 o	2,000	-	253	4	-	-		
Koppenhaver Coal Co.														
Buck Mountain Slope	DM Schuylkill	898	5,393	1,354	30	7,675	5,850	-	241	5	-	-		
N.D. Holmes Slope	DM Dauphin	12	21	17	1	51	25	-	4	4	-	-		
Total		910	5,414	1,371	31	7,726 p	5,875	-		9	-	-		
L. 3 Coal Co.														
White's Vein Slope	DM Schuylkill	134	258	3,112	17	3,521 q	2,000	-	105	5	-	-		
L.O.B. Coal Co.														
Buck Mountain Slope	DM Schuylkill	165	853	176	4	1,198 r	750	-	58	3	-	-		
Lahr Coal Co.														
White's Vein Slope	DM Dauphin	-	-	2,390	11	2,401 b	1,950	-	261	2	-	-		
Last Chance Coal Co.														
L.V. No. 5 Vein Slope	DM Dauphin	1,304	1,566	53	15	2,938 s	1,250	-	247	5	-	-		
Lehman Coal Co., Mervin														
L.V. No. 6 Vein Slope	DM Schuylkill	204	727	102	6	1,039 t	1,200	-	234	3	-	-		
Lucas Coal Co., W.														
Buck Mountain Slope	DM Schuylkill	-	13	53	1	67 u	25	-	6	3	-	-		
M.A.D. Coal Co.														
L.V. No. 6 Vein Slope	DM Schuylkill	95	-	1,305	-	1,400 v	1,000	-	232	3	-	-		
M. & L. Coal Co.														
Buck Mountain Slope	DM Schuylkill	-	23	619	5	647 w	300	-	82	3	-	-		
Marchuk & Son Coal Co.														
No. 9 Vein Slope	DM Dauphin	17	-	1,392	6	1,415 x	1,000	-	158	3	-	-		
Mauser Coal Co.														
White's Vein Slope	DM Dauphin	25	-	1,079	4	1,108 y	700	-	136	2	-	-		
Meadowbrook Coal Co.														
Meadowbrook Washery	W Dauphin	-	-	-	-	-	-	-	239	3	-	-		
Meadowbrook Bank	Dauphin	-	7,803	-	-	7,803 z	-	-	239	2	-	-		
Total		-	7,803	-	-	7,803	-	-		5	-	-		
No. 4 Coal Co.														
White's Vein Slope	DM Schuylkill	783	680	11,343	21	12,827 aa	7,500	-	211	6	-	1		
Phoenix Contracting Co.														
Sheridan Silt Bank	Schuylkill	691	832	28	8	1,559 n	-	-	11	1	-	-		
Pine Creek Coal Co.														
Pine Creek Breaker	BP Schuylkill	-	-	-	-	-	-	-	288	17	-	-		
R. & S. Coal Co.														
Murdock Tunnel	DM Schuylkill	487	364	5,149	4	6,004 bb	3,000	-	252	5	-	-		

		District 12 Production - net tons				Pounds				Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	for steam and heat							
Reiner Coal Co. No. 9 1/2 Vein Slope	DM Dauphin	-	-	1,201	8	1,209	cc 800	-	113	3	-	-
S. & K. Coal Co. Buck Mountain Slope	DM Dauphin	-	-	3,596	22	3,618	cc 2,500	-	225	3	-	-
S.K.D. Coal Co. Skidmore Slope	DM Dauphin	11	805	192	3	1,011	dd 550	-	65	4	-	-
Salic Coal Co. White's Vein Slope	DM Schuylkill	-	-	3,119	8	3,127	ee 1,650	100	207	4	-	-
Shomper Coal Co. L.V. No. 6 Vein Slope No.1	DM Schuylkill	-	-	2,469	-	2,469	2,200	-	206	3	-	-
L.V. No. 6 Vein Slope No.2	DM Schuylkill	15	-	3,111	-	3,126	2,800	-	207	3	-	-
Shomper Breaker	BP Dauphin	-	-	-	-	-	-	-	207	2	-	-
Total		15	-	5,580	-	5,595	ff 5,000	-	207	8	-	-
Smeltz Coal Co. No. 7 Vein Slope	DM Dauphin	-	3,436	380	19	3,835	m 2,400	-	153	3	-	-
Stonehill Coal Co. Stonehill Breaker	BP Dauphin	-	-	-	-	-	-	-	311	4	-	-
Strohecker Coal Co. Strohecker Breaker	BP Dauphin	-	-	-	-	-	-	-	303	9	-	-
Stump Coal Co., F.B. L.V. No. 4 Vein Slope	DM Schuylkill	135	272	31	-	438	gg 200	-	47	3	-	-
Underkoffler Coal Co. Buck Mountain Slope	DM Schuylkill	-	-	2,942	13	2,955	2,000	-	250	3	-	-
Underkoffler Breaker	BP Dauphin	-	-	-	-	-	-	-	250	24	-	2
Total		-	-	2,942	13	2,955	b 2,000	-	27	-	-	-
Valley Construction Co. L.V. No. 6 Vein Slope	DM Dauphin	-	2,986	-	-	2,986	hh 1,900	-	197	4	-	-
White's Vein Coal Co. White's Vein Slope	DM Schuylkill	486	175	4,792	-	5,453	ii 2,600	-	301	3	-	-
Wolfe Coal Co. No. 7 Vein Slope	DM Dauphin	-	-	679	3	682	b 250	-	110	2	-	-
Z. & R. Coal Co. No. 9 1/2 Vein Slope	DM Dauphin	-	-	394	2	396	cc 200	-	22	3	-	-
District Total		142,763	82,431	80,765	457	306,416	101,975	350	209	258	-	11

		District 12 Production - net tons				Pounds				Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible 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							
NOTE: (a)	5,540 tons prepared at Penag Breaker - District 30					(p)	51 tons prepared at Black Heath Breaker - District 19					
	2,290 tons prepared at Kocher Breaker - District 16						Salada Coal Co. formerly operated N.D. Holmes Slope and produced 51 tons, worked 4 days, 4 employees. Changed in June 1966.					
	683 tons prepared at Donaldson Breaker - District 30											
	45 tons prepared at Pine Creek Breaker											
(b)	All coal prepared at Underkoffler Breaker.					(q)	2,628 tons prepared at Pine Creek Breaker					
(c)	781 tons prepared at Strohecker Breaker						489 tons prepared at Strohecker Breaker					
	145 tons prepared at Koch Breaker - District 30						404 tons prepared at Kocher Breaker - District 16					
(d)	17,771 tons prepared at Kocher Breaker - District 16					(r)	633 tons prepared at Kocher Breaker - District 16					
	1,791 tons prepared at Legal Breaker - District 16						565 tons prepared at Legal Breaker - District 16					
(e)	1,368 tons prepared at Underkoffler Breaker					(s)	2,925 tons prepared at Kerrigan Breaker					
	94 tons prepared at Stonehill Breaker						13 tons prepared at Donaldson Breaker - District 30					
	Formerly operated by D. & G. Coal Co. who produced 859 tons, worked 101 days, 3 employees. Changed in September 1966.					(t)	864 tons prepared at Schneck Breaker - District 30					
(f)	11,710 tons unprepared silt shipped to P. P. & L. Co. Sunbury, Pa.						73 tons prepared at Koch Breaker - District 30					
	787 tons prepared at Kerrigan Breaker						64 tons prepared at Franklin Breaker - District 30					
(g)	All unprepared silt shipped to P.P. & L. Co., Sunbury, Pa.					(u)	38 tons prepared at Oakwood Breaker - District 30					
(h)	All coal prepared at Kocher Breaker - District 16.						20 tons prepared at Pine Creek Breaker					
(i)	All coal prepared at Schneck Breaker - District 30.					(v)	20 tons prepared at Old Mill Breaker - District 19					
(k)	921 tons prepared at Kocher Breaker - District 16						All coal prepared at Strohecker Breaker.					
	1,756 tons prepared at Donaldson Breaker - District 30					(w)	355 tons prepared at Underkoffler Breaker					
	712 tons prepared at Franklin Breaker - District 30						264 tons prepared at Pine Creek Breaker					
	143 tons prepared at Oakwood Breaker - District 30						28 tons prepared at Tremont Breaker - District 21					
	606 tons prepared at Kerrigan Breaker					(x)	1,171 tons prepared at Underkoffler Breaker					
	18 tons prepared at Pine Creek Breaker						244 tons prepared at Strohecker Breaker					
	24 tons prepared at Tremont Breaker - District 21					(y)	740 tons prepared at Underkoffler Breaker					
	2,060 tons prepared at Legal Breaker - District 16						368 tons prepared at Strohecker Breaker					
	Buck Mountain Slope formerly operated by Jerry Lucas Coal Co. produced 264 tons, worked 19 days, 3 men. Changed in June 1966.					(z)	All coal prepared at Meadowbrook Washery.					
(l)	All coal prepared at Franklin Breaker - District 30.					(aa)	4,774 tons prepared at Strohecker Breaker					
(m)	All coal prepared at Penag Breaker - District 30.						4,012 tons prepared at Penag Breaker - District 30					
(n)	All coal prepared at Kerrigan Breaker.						3,314 tons prepared at Pine Creek Breaker					
(o)	1,206 tons prepared at Schneck Breaker - District 30						533 tons prepared at Superior Breaker - District 16					
	586 tons prepared at Oakwood Breaker - District 30						175 tons prepared at Kocher Breaker - District 16					
	549 tons prepared at Penag Breaker - District 30						19 tons prepared at Donaldson Breaker - District 30					
	96 tons prepared at Franklin Breaker - District 30						3,481 tons prepared at Strohecker Breaker					
(p)	6,030 tons prepared at Legal Breaker - District 16						1,443 tons prepared at Penag Breaker - District 30					
	1,405 tons prepared at Donaldson Breaker - District 30						592 tons prepared at Pine Creek Breaker					
	240 tons prepared at Glen Worth Breaker - District 19						469 tons prepared at Kocher Breaker - District 16					
							18 tons prepared at Superior Breaker - District 16					
							1 ton prepared at Donaldson Breaker - District 30					

		District 12 Production - net tons					Pounds					
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
NOEs (cc) All coal prepared at Pine Creek Breaker						(gg) 227 tons prepared at Donaldson Breaker - District 30						
(dd) 997 tons prepared at Legal Breaker - District 16						211 tons prepared at Oakwood Breaker - District 30						
14 tons prepared at Tremont Breaker - District 21						(hh) All coal prepared at Fronk Ramp.						
Formerly operated by H.K.H. Coal Co. who produced 340 tons, worked 20 days, 3 men. Changed in April 1966.						(ii) 4,987 tons prepared at Penag Breaker - District 30						
(ee) 1,871 tons prepared at Underkoffler Breaker						446 tons prepared at Strohecker Breaker						
1,256 tons prepared at Strohecker Breaker						20 tons prepared at Donaldson Breaker - District 30						
(ff) 4,115 tons prepared at Shomper Breaker						B - Breaker						
1,245 tons prepared at Stonehill Breaker						BP - Breaker Preparation Only.						
235 tons prepared at Strohecker Breaker						W - Washery						
						DM - Deep Mined						

		District 13					Pounds					
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
Bartoli Construction Co.												
Stanton Colliery Bank	Luzerne		210			310						
Bel Air Coal Co.									86	2		
Bel Air Breaker	B Luzerne											
Blue Coal Corporation	e Luzerne								233	15		
Huber Breaker	B Luzerne											
Huber Colliery Ashley Mines	DM Luzerne		190,547	70,147	100,368	273	361,335 b	416,350	1,750	208	60	13
Loree Breaker	B Luzerne									236	520	77
Loree Silt Bank	Luzerne		773	135	494	31	1,433 c			176	44	
Pine Ridge Bank	Luzerne		12,826	2,252	8,188	1,084	24,350 d			5	5	
Total			204,146	72,534	109,050	1,388	387,118	416,350	1,750	45	3	
C.B.M. Coal Co.												
Woodward Colliery Silt Bank	Luzerne		1,000		2,062		3,062 a f					
Maintenance Shops	Luzerne									265	3	
Total			1,000		2,062		3,062				3	
C. & S. Excavating Co.												
Underwood Bank	Lackawanna			1,290			1,290 g			32	4	
Capone Coal Co.												
Prospect-Henry Bank	Luzerne			1,603			1,603 h			20	3	
Gigliello Coal Co.												
Ewen Colliery No. 1 Slope*	DM Luzerne		1,240	117	983		2,340 i	3,100	500	81	6	
Keyser Valley Enterprises, Inc.												
Brisbin No. 15 Slope*	DM Lackawanna		7,606	718	6,142		14,466 j	15,100	800	86	27	
Lafin Heights Coal Co.												
National Colliery Bank	Lackawanna			2,519			2,519 k			39	1	
Baker Colliery Bellevue Bank	Lackawanna			6,572			6,572 k			86	2	

		District 13					Pounds					
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
Lafin Heights Coal Co. (Continued)												
Mount Lookout Bank	Luzerne			17,840			17,840 k			108	2	
Lafin Colliery Bank	Luzerne		1,750				1,750 g			26	2	
No. 14 Colliery Bank	Luzerne							stockpiling		26	1	
Total			1,750	26,931			29,681			8		
Lehigh Valley Anthracite, Inc.												
Dorrance Breaker	B Luzerne									129	55	
Franklin Cleaning Plant	BP Luzerne									52	28	
Harry E. Breaker	B Luzerne									72	27	1
Prospect Cleaning Plant	BP Luzerne									50	7	1
Prospect Bank	Luzerne		1,628	2,831	1,808	19	6,286			50	4	
Total			1,628	2,831	1,808	19	6,286 l			121		2
Lehman Coal Co.												
No. 179 Slope*	DM Lackawanna		1,858	175	1,572		3,605 m	4,850	150	47	**	
Macarelli Coal Co.												
Butler Colliery Nardones Slope*	Luzerne			177			177 n	350		47	4	
Marchisini, David												
Miners Mills Bank	Luzerne			285			285			24	1	
Luzerne Bank	Luzerne				740		740			4	3	
Total				285	740		1,025 o			4	4	
McKeen Fuel Corporation												
Pine Ridge Bank	Luzerne			876			876 p			11	5	
Moffat Coal Co., Inc.												
Archbald Colliery*	DM Lackawanna		469	501	802	5	1,777 q	1,000		5	29	
Continental Slope*	DM Lackawanna		6,637	7,089	11,338	75	25,139 q	17,900		36	129	6
No. 179 Slope*	DM Lackawanna		940	1,004	1,616		3,560 q	4,625	100	47	11	
No. 190 Slope*	DM Lackawanna		6,785	6,279	10,752	65	23,881 r	20,425	1,325	35	97	2
Sloan No. 133 Slope*	DM Lackawanna		4,023	4,298	6,873	46	15,240 q	9,175		30	76	3
Storrs Colliery No.79 Slope*	DM Lackawanna		2,827	2,419	4,193	25	9,464 s	6,175	350	35	37	2
Moffat Shops & General	Lackawanna									252	10	
Taylor Breaker	B Lackawanna									33	67	
Total			21,681	21,590	35,574	216	79,061	59,300	1,775	456		13
Moffat Premium Anthracite, Inc.												
Taylor Breaker	B Lackawanna									85	**	
N. & R. Coal Co.												
Old Forge Bank	Lackawanna			16,203			16,203 u			145	4	
O'Toole, John F.												
O'Toole Cleaning Plant	B Lackawanna									227	1	
O'Toole Bank	Lackawanna				121		121			24	1	
Total					121		121 v			2		

		District 13 Production - net tons				Pounds				Fatal		Non-
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat							
Penn Can Coal Co. Mount Lookout Bank	Luzerne	-	836	-	-	836 k	-	-	10	7	-	-
Perry Coal Sales Co., Thomas Dunmore Bank	Lackawanna	9,305	-	-	-	9,305	-	-	69	3	-	-
Pittston Bank	Luzerne	791	-	-	-	791	-	-	7	3	-	-
Taylor Storage Yard Bank	Lackawanna	3,540	-	-	-	3,540	-	-	22	3	-	-
Total		13,636	-	-	-	13,636 w	-	-	-	9	-	-
Popple Sales Co., Raymond Dunmore No. 1 Bank	Lackawanna	-	29,168	-	-	29,168 k	-	-	84	8	-	-
Racho, George Exeter Bank	Luzerne	-	45,741	-	-	45,741 k	-	-	70	14	-	-
Reilly Contracting Co. Wilkes-Barre Bank	Luzerne	-	4,440	-	-	4,440 x	-	-	35	3	-	-
Scranton Excavating Co. No. 9 Colliery Bank	Luzerne	-	-	3,061	-	3,061 y	-	-	41	4	-	-
Sebastopol Coal Co. Sebastopol Bank	Luzerne	-	14,508	-	-	14,508 k	-	-	231	3	-	-
Silverbrook Anthracite, Inc. Kassa Breaker	B Luzerne	-	-	-	-	- z	-	-	240	3	-	-
United Gas Improvement Co. Huber No. 31 Silt Bank	Luzerne	-	82,101	-	-	82,101 h	-	-	162	7	-	-
V-R Coal Corporation South Wilkes-Barre Colliery*	DM Luzerne	11,546	2,127	8,013	296	21,982 aa	30,250	300	113	50	-	6
Western Mining Corp. Westmoreland No. 32 Slope	DM Luzerne	1,324	82	1,143	-	2,549 bb	3,100	-	30	9	-	-
District Total		267,625	324,333	170,579	1,919	764,456	532,400	5,275	139	1,413	-	111

- NOTE: * Abandoned mines
 ** Same men listed in Moffat Coal Co., Inc.
 (a) All coal prepared at Kassa Breaker.
 (b) All coal prepared at Huber Breaker.
 (c) All coal prepared at Loree Breaker.
 (d) 180 tons prepared at Huber Breaker
 24,170 tons prepared at Loree Breaker
 (e) Ownership transferred from Glen Alden Corp. to Blue Coal Corp. in January 1966.
 (f) From coal stocked at Kassa Breaker.
 (g) All coal prepared at Waddell Washery - District 10.
 (h) Coal shipped unprepared to United Gas Improvement Co. Power Plants.
 (i) All coal prepared at Pompey Breaker - District 10
 (j) 114 tons prepared at O'Toole Cleaning Plant
 14,352 tons prepared at Pompey Breaker - District 10
 (k) All coal shipped unprepared to Pennsylvania Power & Light Co. Plants.
 (l) All coal prepared at Harry E. Breaker.

		District 13 Production - net tons				Pounds				Fatal		Non-
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat							
NOTE: (m) 100 tons prepared at Taylor Breaker (Moffat Premium Anthracite, Inc.) 3,505 tons prepared at Pompey Breaker - District 10 Mine was formerly operated by Moffat Coal Co., Inc. from January until April 1966. Mine abandoned.												
(n) All coal prepared at Bel Air Breaker												
(o) 740 tons prepared at O'Toole Cleaning Plant												
(p) 285 tons shipped unprepared to Pennsylvania Power & Light Co. Plant												
(p) 180 tons prepared at Huber Breaker.												
696 tons shipped unprepared to Pennsylvania Power & Light Co. Plants.												
Pine Ridge Bank was taken over by Blue Coal Corp. in October 1966.												
(q) All coal prepared at Taylor Breaker of Moffat Coal Co., Inc.												
(r) 21,911 tons prepared at Taylor Breaker of Moffat Coal Co., Inc.												
1,970 tons prepared at Pompey Breaker - District 10												
(s) 8,392 tons prepared at Taylor Breaker of Moffat Coal Co., Inc.												
1,072 tons prepared at Pompey Breaker - District 10												
B - Breaker BP - Breaker Preparation Only. DM - Deep Mined W - Washery												
(t) Ownership of the Taylor Breaker was transferred from Moffat Coal Co., Inc. to the Moffat Premium Anthracite, Inc. in April 1966.												
(u) 1,128 tons prepared at Bel Air Breaker												
15,075 tons shipped unprepared to Pennsylvania Power & Light Co. Plants.												
(v) All coal prepared at O'Toole Cleaning Plant												
(w) All coal shipped unprepared to Erie-Lackawanna Railroad Power Plants.												
(x) All coal prepared at Ginther Washery - District 15.												
(y) 2,169 tons prepared at Taylor Breaker of Moffat Premium Anthracite, Inc.												
892 tons prepared at Bel Air Breaker												
(z) Formerly operated by Kassa Coal Co.												
(aa) 20,148 tons prepared at Loree Breaker												
1,134 tons prepared at Huber Breaker												
700 tons prepared at Kassa Breaker												
(bb) 906 tons prepared at Bel Air Breaker												
1,643 tons prepared at Pompey Breaker - District 10												

		District 15				Pounds				Fatal		Non-
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	to colliery for steam and heat							
Ajax Coal Co. Buck Slope No. 1	DM Luzerne	-	13	88	3	104 a	100	-	12	4	-	-
Archer Coal Co. Audenried Banks	Schuylkill	3,210	3,472	1,537	-	8,219	-	-	39	9	-	-
Honeybrook Breaker	B Schuylkill	-	-	-	-	-	-	-	70	14	-	-
Total		3,210	3,472	1,537	-	8,219 b	-	-	23	-	-	-
Audenried Mines, Inc. No. 11 Slope	DM Schuylkill	4,521	4,892	2,165	-	11,578 b	14,400	-	154	28	-	1
Beaver Brook Coal Co. Beaver Brook Breaker	BP Luzerne	-	-	-	-	-	-	-	143	28	-	-
Big Buck Coal Co. Big Buck Breaker	B Luzerne	-	-	-	-	-	-	-	16	2	-	-
No. 2 Slope	DM Luzerne	-	-	6	2	8	150	-	41	3	-	-
Total		-	-	6	2	8 c	150	-	-	5	-	-
Blue Coal Corporation Wanamie Colliery	DM Luzerne	257,003	94,612	135,373	361	487,349 d	526,425	20,675	237	575	1	122

		District 15 Production - net tons										
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	Non-fatal acci- dents
		By railroad	By truck									
Buckley Coal Corporation		-	-	-	-	-	-	-	141	12	-	-
Eckley Breaker	BP Luzerne	-	-	-	-	-	-	-	-	-	-	-
Coleby Coal Co., Inc.		-	-	-	-	-	-	-	-	-	-	-
Candleton Bank	B Schuylkill	17,591	-	-	-	17,591	-	-	116	4	-	1
Candleton Breaker	B Schuylkill	-	-	-	-	-	-	-	94	8	-	1
Total		17,591	-	-	-	17,591 e	-	-	-	12	-	2
Fern Glen Mining Co.		-	-	-	-	-	-	-	-	-	-	-
No. 13 Slope	DM Luzerne	246	-	138	3	387 f	75	25	17	4	-	1
Ginther Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Fine Coal Washery	W Schuylkill	-	-	-	-	-	-	-	203	8	-	-
Gowen Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Gowen Breaker	B Luzerne	-	-	-	-	-	-	-	122	18	-	2
Greybosh Coal Co., Inc.		-	-	-	-	-	-	-	-	-	-	-
Greybosh Breaker	BP Luzerne	-	-	-	-	-	-	-	300	2	-	-
Honeybrook Mines, Inc.		-	-	-	-	-	-	-	-	-	-	-
Honeybrook Breaker	B Schuylkill	-	-	-	-	-	-	-	192	50	-	3
Huss, George		-	-	-	-	-	-	-	-	-	-	-
Beaver Brook Fine Coal Plant	W Luzerne	-	-	-	-	-	-	-	193	8	-	-
Drifton Banks	Luzerne	1,378	591	-	-	1,969 g	-	-	-	-	-	-
George Huss Culm Bank	Luzerne	-	7,194	-	-	7,194 h	-	-	173	4	-	-
Total		1,378	7,785	-	-	9,163	-	-	-	12	-	-
Jeddo-Highland Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Ebervale No. 4 Bank	Luzerne	3,797	-	-	-	3,797 i	-	-	30	7	-	-
Highland No. 5 Breaker	B Luzerne	-	-	-	-	-	-	-	240	25	-	1
Jeddo No. 7 Banks	Luzerne	203,220	3,276	655	120	207,271 j	-	-	280	22	-	-
Jeddo No. 7 Breaker	Luzerne	-	-	-	-	-	-	-	59	5	-	2
Total		207,017	3,276	655	120	211,068	-	-	230	59	-	3
Kassa Coal Co.		-	-	-	-	-	-	-	-	-	-	-
No. 4 Slope	DM Carbon	2,319	-	4,927	6	7,252 k	12,500	-	240	8	-	-
L. & F. Mining Co., Inc.		-	-	-	-	-	-	-	-	-	-	-
No. 2 Slope	DM Schuylkill	-	96	1,392	6	1,494 l	500	-	151	4	-	-
Lech Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Quakake Bank	Schuylkill	-	-	1,353	-	1,353 m	-	-	140	1	-	-
Lee Mining Co., Inc., J.F.		-	-	-	-	-	-	-	-	-	-	-
Drifton No. 1 Slope	DM Luzerne	1,318	2,812	4,658	10	8,798 n	11,000	-	228	16	-	1
Lehigh Valley Anthracite, Inc.		-	-	-	-	-	-	-	-	-	-	-
Hazleton Shaft Banks	Luzerne	9,522	7,932	3,533	144	21,131 o	-	-	73	5	-	-
Hazleton Shaft Breaker	B Luzerne	-	-	-	-	-	-	-	156	81	-	4
Hazleton Shaft Cleaning Plant	B	-	-	-	-	-	-	-	218	28	-	1

		District 15 Production - net tons										
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	Non-fatal acci- dents
		By railroad	By truck									
Lehigh Valley Anthracite, Inc. (Continued)		-	-	-	-	-	-	-	-	-	-	-
Hazleton Shaft Silt Dams Bank	Luzerne	109,351	641	519	-	110,511 p	-	-	109	10	-	-
Lion Breaker	B Luzerne	-	-	-	-	-	-	-	152	12	-	2
Total		118,873	8,573	4,052	144	131,642	-	-	-	136	-	7
Marko Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Buck Mountain Slope	DM Schuylkill	32	473	867	8	1,380 q	350	-	113	6	-	-
Mazaika Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Mazaika Breaker	BP Schuylkill	-	-	-	-	-	-	-	300	3	-	-
McAdoo Mining Co.		-	-	-	-	-	-	-	-	-	-	-
Wharton Slope	DM Carbon	-	105	919	8	1,032 r	600	-	180	5	-	-
Racho, George		-	-	-	-	-	-	-	-	-	-	-
Cranberry Culm Banks	Luzerne	31,497	1,315	2,177	-	34,989 s	-	-	211	10	-	-
Harwood Banks	Luzerne	147,510	175	290	-	147,975 t	-	-	193	5	-	-
Hazleton Shaft Bank	Luzerne	618	61,731	-	-	62,349 u	-	-	109	9	-	-
Jeanesville Banks	Luzerne	730	1,556	2,578	-	4,864 n	-	-	162	7	-	-
Lattimer Bank	Luzerne	-	132,234	-	-	132,234 u	-	-	160	17	-	-
Total		180,355	197,011	5,045	-	382,411	-	-	-	48	-	-
Tedesco Bros. Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Tedesco Bank	Luzerne	-	-	570	-	570	-	-	65	2	-	-
Tedesco Breaker	B Luzerne	-	-	-	-	-	-	-	109	4	-	-
Total		-	-	570	-	570 v	-	-	-	6	-	-
Valley Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Valley Breaker	BP Schuylkill	-	-	-	-	-	-	-	233	2	-	-
Wesner Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Wesner Breaker	BP Schuylkill	-	-	-	-	-	-	-	254	4	-	-
Wiconisco Washery, Inc.		-	-	-	-	-	-	-	-	-	-	-
Beaver Meadow Bank	Carbon	6,137	14,319	-	-	20,456 q	-	-	-	-	-	-
District Total		800,000	337,439	163,745	671	1,301,855	566,100	20,700	205	1,133	1	142

- NOTE: (a) 10 tons prepared at Big Buck Breaker
 33 tons prepared at Greybosh Breaker
 58 tons prepared at Wesner Breaker
 Ceased operations in January 1966.
 (b) All coal prepared at Honeybrook Breaker.
 (c) All coal prepared at Big Buck Breaker.
 (d) All coal prepared at Huber Breaker - District 13.
 (e) All coal prepared at Candleton Breaker.
 (f) All coal prepared at Gowen Breaker.
 Ceased operations in January 1966.
 (g) All coal prepared at Ginther Fine Coal Washery.
 Ceased operations in 1965. Material was stockpiled.
 (h) All coal prepared at Beaver Brook Fine Coal Plant.
 (i) All coal prepared at Highland No. 5 Breaker.
 (j) 199,991 tons prepared at Highland No. 5 Breaker
 7,280 tons prepared at Hazleton Shaft Breaker

		District 15 Production - net tons					Pounds					Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents	
		By railroad	By truck	to local trade	colliery for steam and heat								production:
NOTE: (k) All coal prepared at Kassa Breaker - District 13.						(r) 545 tons prepared at Greybosh Breaker							
(l) 1,057 tons prepared at Greybosh Breaker						479 tons prepared at Wesner Breaker							
431 tons prepared at Wesner Breaker						(s) 4,108 tons prepared at Blaschak Breaker - District 26							
(m) All coal prepared at Valley Breaker.						30,881 tons shipped direct to Pennsylvania Power & Light Co.							
(n) All coal prepared at Blaschak Breaker - District 26						(t) 547 tons prepared at Blaschak Breaker - District 26							
(o) 9,426 tons prepared at Hazleton Shaft Breaker						147,428 tons shipped direct to Pennsylvania Power & Light Co.							
11,046 tons prepared at Jeddo No. 7 Breaker						(u) All coal shipped direct to Pennsylvania Power & Light Co.							
659 tons prepared at Lion Breaker						(v) All coal prepared at Tedesco Breaker							
(p) All coal prepared at Lion Breaker.													
(q) 452 tons prepared at D. & Z. Breaker - District 24													
501 tons prepared at Mazaika Breaker													
19 tons prepared at Skytop Breaker - District 26													
400 tons prepared at Wesner Breaker													

B - Breaker
BP - Breaker Preparation Only.
DM - Deep Mined
W - Washery

		District 16 Production - net tons					Pounds					Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents	
		By railroad	By truck	to local trade	colliery for steam and heat								production:
Ansapach & Umbenhauer Coal Co.	DM Schuylkill	2,275	2,039	259	6	4,579 a	1,600	-	229	3	-	-	
Buck Mountain Slope													
B. B. & F. Coal Co.	DM Schuylkill	197	137	20	-	354 b	250	-	31	3	-	-	
Buck Mountain Slope													
B. & C. Coal Co.	DM Schuylkill	958	2,142	1,930	1	5,031 c	1,450	-	247	3	-	-	
No. 2 Vein Slope													
B. & M. Coal Co.	DM Schuylkill	909	350	8,735	-	9,994 d	6,565	-	263	6	-	1	
B. & M. Tunnel													
Bixler Coal Co.	DM Schuylkill	412	1,554	300	7	2,273	1,149	-	67	4	-	-	
Middle Split Slope													
Skidmore Slope	DM Schuylkill	-	-	2,736	17	2,753	1,192	-	187	4	-	-	
Total		412	1,554	3,036	24	5,026 e	2,341	-	8	-	-	-	
Bush Coal Co.	DM Schuylkill	527	12,187	38,391	348	51,453 f	31,000	-	240	25	-	1	
Top Split Slope													
D. H. & W. Coal Co.	DM Schuylkill	1,008	4,500	3,391	-	8,899 g	4,350	-	177	12	-	1	
Middle Split Slope													
Diamond Coal Co.	DM Schuylkill	36	84	13	1	134 h	100	-	19	3	-	-	
Diamond Slope													
Erdman Coal Co.	DM Schuylkill	2,195	19,050	8,023	86	29,354 i	18,100	-	303	15	-	3	
Middle Split Slope													
Fireside Mining, Inc.	DM Schuylkill	638	1,623	32,955	155	35,371 j	13,000	450	303	16	-	1	
No. 1 Vein Slope													
Good Spring Coal Co.	DM Schuylkill	3,590	5,672	736	13	10,011 k	6,500	-	240	3	-	-	
Holmes Slope													

		District 16 Production - net tons					Pounds					Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents	
		By railroad	By truck	to local trade	colliery for steam and heat								production:
Green Coal Co.	DM Schuylkill	181	192	1,228	1	1,602	1,100	-	28	4	-	-	
No. 2 Vein Slope													
Primrose Slope	DM Schuylkill	9	-	146	-	155	150	-	53	3	-	-	
Total		190	192	1,374	1	1,757 l	1,250	-	7	-	-	-	
H. & H. Coal Co.	DM Schuylkill	39	128	21	1	189 m	150	-	12	3	-	-	
L.V. No. 5 Vein Slope													
H. & W. Coal Co.	DM Schuylkill	261	5,511	1,082	4	6,858 n	7,500	-	258	7	-	-	
Middle Split Slope													
Harman Coal Co.	DM Schuylkill	1,509	5,064	1,074	24	7,671 o	4,925	-	288	5	-	-	
Buck Mountain Slope													
Hatter Coal Co.	DM Schuylkill	148	2,056	2,778	16	4,998 p	3,250	-	294	7	-	-	
Middle Split Slope													
Hi-Test Coal Co.	DM Schuylkill	196	15,407	3,682	95	19,380 q	10,400	-	270	14	-	1	
Skidmore Slope													
Herb & Reed Coal Co.	DM Schuylkill	-	-	-	-	-	-	-	110	4	-	-	
No. 4 Slope													
Hoffman Coal Co.	DM Schuylkill	93	187	296	1	577 s	450	-	115	3	-	-	
Primrose Slope													
J. & C. Coal Co.	DM Schuylkill	2,417	14,113	7,265	28	23,823	7,700	-	265	12	-	-	
Skidmore Slope													
J. & C. Coal Sales	BP Schuylkill	-	-	-	-	-	-	-	125	1	-	-	
Total		2,417	14,113	7,265	28	23,823 t	7,700	-	13	-	-	-	
Johnson Coal Co.	DM Schuylkill	-	-	31	1	32 u	25	-	24	3	-	-	
Skidmore Slope													
K. & N. Coal Co.	DM Schuylkill	59	287	46	-	392 v	275	-	15	3	-	-	
Buck Mountain Slope													
Keffers Coal Co.	BP Schuylkill	-	-	-	-	-	-	-	40	2	-	-	
Keffers Breaker													
L.V. No. 2 Vein Slope	DM Schuylkill	536	3,142	7,173	-	10,851	11,000	-	260	7	-	-	
Total		536	3,142	7,173	-	10,851 w	11,000	-	9	-	-	-	
Kocher Coal Co., Inc., Leon E.	BP Schuylkill	-	-	-	-	-	-	-	205	38	-	-	
Kocher Breaker													
Legal Coal Co.	BP Schuylkill	-	-	-	-	-	-	-	211	16	-	-	
Legal Breaker													
Lengel Coal Co., Warren	DM Schuylkill	93	1,563	1,450	4	3,110 x	1,400	-	160	5	3	1	
No. 1 Vein Slope													
Madenford Coal Co.	DM Schuylkill	1,496	1,664	8,116	9	11,285 y	11,164	-	264	5	-	1	
No. 1 Vein Slope													
Ney & Lehman Coal Co.	DM Schuylkill	864	11,486	1,701	28	14,079	8,520	-	284	6	-	1	
No. 1 Slope													

		District 16 Production - net tons					Pounds					
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
Ney & Lehman Coal Co. (Continued)												
No. 2 Slope	DM Schuylkill	2,072	1,792	280	-	4,144	3,000	-	262	3	-	-
Total		2,936	13,278	1,981	28	18,223	11,520	-		9	-	1
R. & K. Coal Co.	DM Schuylkill	11,481	29,189	14,736	181	55,587	50,750	-	260	18	-	3
R. & J. Coal Co.	DM Schuylkill	3,445	8,003	5,882	22	17,352	5,350	-	245	6	-	-
Renninger & Partners Co.	DM Schuylkill	87	221	38	1	347	300	-	84	3	-	-
S. & S. Coal Co.	DM Schuylkill	313	24,675	5,897	152	31,037	13,000	-	291	15	-	1
Skidmore Slope	DM Schuylkill	569	4,895	8,708	62	14,234	2,500	-	262	9	-	1
S. & W. Coal Co.	DM Schuylkill	547	1,301	175	4	2,027	1,200	-	214	3	-	-
Middle Split Slope	DM Schuylkill	9	25	4	-	38	25	-	26	3	-	-
Salada Coal Co.	DM Schuylkill	603	237	7,404	8	8,252	5,000	-	270	5	-	1
L.V. No. 1 1/2 Vein Slope	DM Schuylkill	1,285	6,690	1,063	18	9,056	8,050	-	242	7	-	1
Schell Coal Co.	DM Schuylkill	1,045	4,422	6,402	42	11,911	9,000	-	254	7	-	3
Diamond Slope	DM Schuylkill	2,239	5,135	10,334	17	17,725	3,250	-	298	7	-	-
Shade Coal Co.	DM Schuylkill	6,036	9,301	612	-	15,949	5,000	-	308	8	-	-
No. 2 Vein Slope	DM Schuylkill	-	-	-	-	-	-	-	305	10	-	-
Sherry Coal Co., Don	DM Schuylkill	1,049	4,848	29,329	129	35,355	32,000	-	302	17	-	3
No. 1 Middle Split Slope	DM Schuylkill											
Shuey Coal Co.	DM Schuylkill											
Primrose Slope	DM Schuylkill											
Stahl Coal Co.	DM Schuylkill											
No. 2 Vein Slope	DM Schuylkill											
Stahl & Shade Coal Co.	DM Schuylkill											
No. 2 Vein Slope	DM Schuylkill											
Superior Coal Co.	BP Schuylkill											
Superior Breaker	BP Schuylkill											
Williams Coal Co.	DM Schuylkill											
Skidmore Slope	DM Schuylkill											
District Total		51,426	210,872	224,442	1,482	488,222	291,690	450	236	366	3	24

NOTE: (a) 3,301 tons prepared at Donaldson Breaker - District 30
 985 tons prepared at Kerrigan Breaker - District 12
 293 tons prepared at Legal Breaker
 (b) All coal prepared at Donaldson Breaker - District 30.
 Ceased operations February 7, 1966.

(c) 1,371 tons prepared at Donaldson Breaker - District 30
 2,099 tons prepared at Penag Breaker - District 30
 98 tons prepared at Koch Breaker - District 30
 19 tons prepared at Kocher Breaker
 1,444 tons sold unprepared to itinerate truckers -
 District 12.

		District 16 Production - net tons					Pounds					
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
NOTE: (d) All coal prepared at Penag Breaker - District 30.												
(e) 1,613 tons prepared at Kocher Breaker												
904 tons prepared at Legal Breaker												
(f) 2,509 tons prepared at Pine Creek Breaker - District 12.												
5,780 tons prepared at Franklin Breaker - District 30												
28,322 tons prepared at Underkoffler Breaker - District 12												
464 tons prepared at Swatara Breaker - District 21												
5,785 tons prepared at DiRenzo Breaker - District 19												
4,505 tons prepared at Olenick Breaker - District 19												
3,915 tons prepared at Pine Creek Breaker - District 12												
1,091 tons prepared at Strohecker Breaker - District 12												
1,289 tons prepared at Schneck Breaker - District 30												
302 tons prepared at Oakwood Breaker - District 30												
(g) 2,973 tons prepared at Reidinger Breaker - District 24												
3,424 tons prepared at D. & Z. Breaker - District 24												
18 tons prepared at Swift Breaker - District 24												
(h) 2,484 tons prepared at Penag Breaker - District 30												
All coal prepared at Maple Spring Breaker - District 19. Ceased operations February 1966												
(i) 2,128 tons prepared at Hillside Breaker - District 21												
2,458 tons prepared at Underkoffler Breaker - District 12												
1,747 tons prepared at Pine Creek Breaker - District 12												
9,008 tons prepared at Schneck Breaker - District 30												
12,650 tons prepared at Oakwood Breaker - District 30												
1,363 tons prepared at K. & P. Breaker - District 19												
(j) 32,827 tons prepared at Underkoffler Breaker - District 12												
2,544 tons prepared at Kocher Breaker												
(k) 6,457 tons prepared at Donaldson Breaker - District 30												
1,048 tons prepared at Oakwood Breaker - District 30												
2,416 tons prepared at Franklin Breaker - District 30												
90 tons sold to itinerate truckers - District 12												
(l) 1,377 tons prepared at Penag Breaker - District 30												
10 tons prepared at Donaldson Breaker - District 30												
14 tons prepared at Pine Creek Breaker - District 12												
224 tons prepared at Kocher Breaker												
132 tons prepared at Strohecker Breaker - District 12												
H. & K. Coal Co. formerly operated the Primrose Slope produced 132 tons, worked 22 days, 3 men. Ceased operating in February 1966.												
(m) 65 tons prepared at Oakwood Breaker - District 30												
53 tons prepared at Koch Breaker - District 30												
71 tons prepared at Donaldson Breaker - District 30 Ceased operations January 1966												
(n) 870 tons prepared at Legal Breaker												
1,401 tons prepared at Reidinger Breaker - District 24												
4,587 tons prepared at Swift Breaker - District 24												
(o) 4,544 tons prepared at Legal Breaker												
2,630 tons prepared at Donaldson Breaker - District 30												
497 tons prepared at Oakwood Breaker - District 30												
(p) 1,518 tons prepared at Superior Breaker												
1,055 tons prepared at Legal Breaker												
2,425 tons prepared at Underkoffler Breaker - District 12												
(q) All coal prepared at Legal Breaker.												
(r) Reconditioning and retimbering slope and second opening.												
(s) 283 tons prepared at Strohecker Breaker - District 12												
294 tons prepared at Kocher Breaker. Wiest Coal Co. formerly operated Primrose Slope produced 137 tons, worked 5 days, 3 men, used 100 pounds explosives. Ceased operations in February 1966												
(t) 7,996 tons prepared at Kocher Breaker												
5,604 tons prepared at Oakwood Breaker - District 30												
6,071 tons prepared at Strohecker Breaker - District 12												
14 tons prepared at Pine Creek Breaker - District 12												
4,138 tons shipped unprepared to Pennsylvania Power & Light Co.												
(u) All coal prepared at Pine Creek Breaker - District 12. Ceased operations July 1966.												
(v) 235 tons prepared at Kocher Breaker												
157 tons prepared at Oakwood Breaker - District 30 Ceased operations January 1966												
(w) 525 tons prepared at Keffer's Breaker												
3,140 tons prepared at Superior Breaker												
4,449 tons prepared at Stonehill Breaker - District 12												
2,727 tons prepared at Penag Breaker - District 30												
10 tons prepared at Donaldson Breaker - District 30												
Keffer's Breaker destroyed by fire March 20, 1966.												

		District 16 Production - net tons					Pounds					Non-	
		Shipped to market		Sold to	Used at	Total	permis-	Pounds	Days	Fatal	fatal		
		By	By	to	colliery	production:	sible ex-	dynamite	worked	Empl-	acci-	fatal	
Operators and Collieries	County	railroad	truck:	local	for steam		plosives	used		oves	dents	dents	
NOTE: (x)	45 tons prepared at Schneck Breaker - District 30					(gg)							
	1,727 tons prepared at Oakwood Breaker - District 30					(hh)							
	898 tons prepared at Penag Breaker - District 30												
	440 tons prepared at Underkoffler Breaker - District 12												
(y)	1,559 tons prepared at Maple Spring Breaker - District 19					(ii)							
	259 tons prepared at K. & P. Breaker - District 19												
	115 tons prepared at Black Heath Breaker - District 19												
	403 tons prepared at Donaldson Breaker - District 30												
	8,949 tons prepared at Penag Breaker - District 30												
(z)	3,662 tons prepared at Schneck Breaker - District 30					(jj)							
	10,389 tons prepared at Oakwood Breaker - District 30												
	28 tons prepared at Pine Creek Breaker - District 12												
	417 tons prepared at Koch Breaker - District 30												
	3,727 tons prepared at Donaldson Breaker - District 30												
(aa)	45,758 tons prepared at Kocher Breaker												
	9,829 tons prepared at Pine Creek Breaker - District 12												
(bb)	72 tons prepared at Kocher Breaker												
	4,360 tons prepared at Donaldson Breaker - District 30					(kk)							
	3,928 tons prepared at Penag Breaker - District 30												
	5,350 tons sold unprepared to itinerate truckers- District 12												
	2,184 tons prepared at Pine Creek Breaker - District 12												
	1,458 tons prepared at Kerrigan Breaker - District 12												
(cc)	All coal prepared at Kocher Breaker.												
(dd)	All coal prepared at Legal Breaker.												
(ee)	4,482 tons prepared at Legal Breaker					(ll)							
	2,087 tons prepared at Kocher Breaker												
	396 tons prepared at Pine Creek Breaker - District 12												
	7,269 tons prepared at Underkoffler Breaker - District 12												
(ff)	284 tons prepared at Kerrigan Breaker - District 12					(mm)							
	678 tons prepared at Donaldson Breaker - District 30												
	849 tons prepared at Oakwood Breaker - District 30												
	175 tons prepared at Kocher Breaker												
	23 tons prepared at Koch Breaker - District 30												
	18 tons prepared at Tremont Breaker - District 21												
	Operated by Deiter Bros. Coal Co. to June 30, 1966, produced												
	851 tons, worked 106 days, 3 men, used 675 pounds of explosives;												
	operated by K. & M. Coal Co. from July 18, 1966, produced 328 tons,												
	worked 34 days, 4 men, used 275 pounds of explosives - worked to												
	October 15, 1966. Changed to Salada Coal Co. in December 1966.												

B - Breaker
 BP - Breaker Preparation Only.
 DM - Deep Mined
 W - Washery

		District 17 Production - net tons					Pounds					Non-	
		Shipped to market		Sold to	Used at	Total	permis-	Pounds	Days	Fatal	fatal		
		By	By	to	colliery	production:	sible ex-	dynamite	worked	Empl-	acci-	fatal	
Operators and Collieries	County	railroad	truck:	local	for steam		plosives	used		oves	dents	dents	
B. & E. Coal Co.													
Zero Vein Lykens Slope	DM Northumberland	25	270	16	-	311	a	250	-	80	2	-	
Bank Coal Co.													
10 Vein S.D. Slope	DM Northumberland	2,408	1,343	5,453	37	9,241	b	4,150	-	200	9	-	
Bruno & Peifer Coal Co.													
9 1/2 Vein N.D. No. 2 Slope	DM Northumberland	250	2,717	157	6	3,130	a	1,100	-	241	3	-	
Chestnut Coal Co.													
11 Vein N.D. No. 5 Slope	DM Northumberland	72	1,381	45	2	1,500	c	1,000	-	200	4	-	
Cross Pitch Coal Co.													
11 Vein Nos. 5 & 6 Slopes	DM Northumberland	52	1,057	33	1	1,143	d	525	-	166	4	-	
D. H. & W. Coal Co.													
9 1/2 & 10 Veins Nos. 1-2&4 Slopes	DM Northumberland	2,320	21,126	4,233	38	27,717	e	12,800	-	261	12	-	
D. & M. Coal Co.													
1 Vein S.D. Nos. 1 & 2 Slopes	DM Northumberland	368	3,989	230	9	4,596	a	4,075	-	255	3	-	
Dallabrida Coal Co.													
11 Vein S.D. Nos. 2,3,&4 Slopes	Northumberland	3,142	5,590	7,871	62	16,665	f	5,300	100	283	11	-	
Fairdeal Coal Co.													
9 Vein S.D. Slope	DM Northumberland	784	7,451	382	15	8,632	g	5,930	-	314	8	-	
Fetterolf Coal Co.													
11 Vein S.D. Slope	DM Northumberland	433	4,703	270	11	5,417	a	2,300	-	241	5	-	
Gem Coal Co.													
11 Vein S.D.No. 1 Slope	DM Northumberland	8	65	4	1	78		50	-	4	4	-	
11 Vein S.D.No. 3 Slope	DM Northumberland	1,204	13,048	755	30	15,037		10,500	-	252	9	-	
Total		1,212	13,113	759	31	15,115	a	10,550	-	13		-	
Gudulunas Coal Co.													
11 Vein S.D. No. 3 & 4 Slopes	DM Northumberland	-	72	1,828	-	1,900	h	900	-	237	2	-	
H. J. & H. Coal Co.													
H. J. & H. Breaker	BP Northumberland	-	-	-	-	-	-	-	-	260	4	-	
Jewel Coal Co.													
14 Vein N.D. Slope	DM Northumberland	-	-	-	-	-	i	200	-	30	3	-	
M. & C. Coal Co.													
9 1/2 Vein S.D. Slope	DM Northumberland	435	4,736	273	11	5,455	a	2,700	-	243	4	-	
Mace Coal Co.													
13 Vein N.D. No. 3 Slope	DM Northumberland	297	412	52	1	762	j	250	-	98	3	-	
Marquette Coal Co.													
12 Vein S.D. Slope	DM Northumberland	-	3,790	-	-	3,790	k	2,575	-	325	4	-	
N. & L. Coal Co.													
4 Vein W. Cross Pitch Slope	DM Northumberland	36	391	22	1	450	a	300	-	24	3	-	

		District 17 Production - net tons										
Operators and Collieries	County	Shipped to market		Sold to	Used at	Total	Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	local trade	colliery for steam and heat							
Phillips Coal Co.												
10 & 10 1/2 Veins, 3 & 4 N.D. Slopes	Northumberland	1,386	9,604	273	11	11,274	8,300	-	296	6	-	-
11 Vein, 5 & 6 N.D. Slopes	DM Northumberland	531	7,560	1,444	10	9,545	2,400	-	296	5	-	-
Total		1,917	17,164	1,717	21	20,819	10,700	-		11	-	-
Pine Tree Coal Co.												
1 Vein S.D. No. 4 Slope	DM Northumberland	40	434	25	1	500	a 200	-	100	3	-	-
Raczkowski Coal Co.												
16 Vein N.D. Slope	DM Northumberland	21	171	93	-	285	m 300	-	120	4	-	-
Reed Mining Co.												
11 Vein N.D. 5 & 6 Slopes	DM Northumberland	120	520	360	6	1,006	n 300	-	58	3	-	-
Reidinger Coal Mining Co.												
Zero Vein Lykens S.D. Slope	DM Northumberland	357	900	87	1	1,345	o 260	-	96	4	-	-
Rocky Mountain Coal Co.												
14 Vein N.D. No. 3 Slope	DM Northumberland	310	3,674	193	8	4,185	p 1,800	-	200	4	-	-
Spindel Top Coal Co.												
3 Vein S.D. Slope	DM Northumberland	-	-	-	-	-	80	-	90	3	-	-
Springdale Coal Co.												
7 & 5 Veins, S.D. No. 1 Drift	DM Northumberland	873	10,746	751	21	12,391	q 4,950	-	263	4	-	-
T. & M. Coal Co.												
14 Vein S.D. No. 2 Slope	DM Northumberland	1,060	1,464	185	5	2,714	j 1,550	-	220	3	-	-
Trevorton Anthracite Co.												
Trevorton Breaker	BP Northumberland	-	-	-	-	-	-	-	241	18	-	-
North Franklin Slush Bank No. 2	Northumberland	4,036	611	2,063	-	6,710	-	-	16	3	-	-
Trevorton Slush Bank 57-1	Northumberland	12,241	1,852	6,258	-	20,351	-	-	72	4	-	-
Trevorton Refuse Bank 228	Northumberland	333	50	169	-	552	-	-	9	3	-	-
Total		16,610	2,513	8,490	-	27,613	r -	-	-	28	-	-
Triple "S" Coal Co.												
12 Vein S.D. No. 4 Slope	DM Northumberland	-	4,800	-	-	4,800	k 5,200	-	240	4	-	-
District Total		33,142	114,527	33,525	288	181,482	80,305	100	205	168	-	2

NOTE: (a) All coal prepared at Sunshine Breaker - District 28.
 (b) 1,603 tons prepared at C. & J. Breaker - District 20
 6,089 tons prepared at Bar-Mac Breaker - District 24
 1,549 tons prepared at Sunshine Breaker - District 28
 (c) 600 tons prepared at H. J. & H. Breaker - District 17
 900 tons prepared at Sunshine Breaker - District 28
 (d) 486 tons prepared at H. J. & H. Breaker - District 17
 655 tons prepared at Sunshine Breaker - District 28
 Taglieri Coal Co. operated this mine 5 months of 1966 produced
 253 tons, worked 66 days, 4 men, used 140 lbs. explosives.
 (e) 2,458 tons prepared at D. & Z. Breaker - District 28
 36 tons prepared at Glosek Breaker - District 24
 2,453 tons prepared at Split Vein Breaker - District 24
 3,493 tons prepared at Reidinger Breaker - District 24
 19,277 tons prepared at Sunshine Breaker - District 28
 (f) 6,437 tons prepared at Sunshine Breaker - District 28
 8,950 tons prepared at Bar-Mac Breaker - District 24
 1,278 tons prepared at C. & J. Breaker - District 20

		District 17 Production - net tons										
Operators and Collieries	County	Shipped to market		Sold to	Used at	Total	Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	local trade	colliery for steam and heat							
NOTE: (g) 7,641 tons prepared at Sunshine Breaker - District 28												
991 tons prepared at Reidinger Breaker - District 24												
(h) All coal prepared at Split Vein Breaker - District 24												
(i) No production sinking slopes in faulty area.												
(j) All coal prepared at Rosini Breaker - District 24.												
(k) All coal prepared at H. J. & H. Breaker - District 17.												
(l) 5,670 tons prepared at Reidinger Breaker - District 24												
10,644 tons prepared at Sunshine Breaker - District 28												
3,319 tons prepared at H. J. & H. Breaker - District 17												
1,186 tons prepared at Glosek Breaker - District 24												
(m) 27 tons prepared at Sunshine Breaker - District 28												
258 tons prepared at D. & Z. Breaker - District 24												
(n) All coal prepared at Glen Burn Breaker - District 24.												
(o) 1,050 tons prepared at Reidinger Breaker - District 24.												
40 tons prepared at Ace Breaker - District 24												
255 tons prepared at C. & J. Breaker - District 20												
(p) 306 tons prepared at H. J. & H. Breaker - District 20												
3,879 tons prepared at Sunshine Breaker - District 28												
(q) 10,350 tons prepared at Sunshine Breaker - District 28												
1,289 tons prepared at Ace Breaker - District 24												
664 tons prepared at D. & Z. Breaker - District 24												
88 tons prepared at H. J. & H. Breaker - District 17												
(r) All coal prepared at Trevorton Breaker.												
B - Breaker												
BP - Breaker Preparation Only.												
DM - Deep Mined												
W - Washery												

		District 18										
Operators and Collieries	County	Shipped to market		Sold to	Used at	Total	Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		By railroad	By truck	local trade	colliery for steam and heat							
A. & D. Coal Co.												
Mammoth Slope	DM Schuylkill	26	4,446	1,797	54	6,323	a 4,500	500	282	6	-	-
B. & N. Coal Co.												
B. & N. Breaker	BP Schuylkill	-	-	-	-	-	-	-	165	5	-	-
Bear Ridge Coal Co.												
Bottom Split Slope	DM Schuylkill	-	349	62	4	415	b 400	-	215	2	-	-
Bernitsky Coal Co.												
No. 1 Slope	DM Schuylkill	433	5,756	6,459	120	12,768	c 3,700	-	241	5	-	2
Bernitsky & Stenulis Partnership												
Bottom Split Slope	DM Schuylkill	58	2,498	9,039	11	11,606	d 1,100	-	241	5	-	-
Bliss & Son, Inc., R. T.												
Bliss Washery	W Carbon	-	-	-	-	-	-	-	154	5	-	-
Bliss Bank	Carbon	18,080	19,587	-	-	37,667	-	-	154	5	-	-
Total		18,080	19,587	-	-	37,667	e -	-	-	10	-	-
Bottom Split Coal Co.												
Bottom Split Slope *	DM Schuylkill	-	162	104	2	268	f 300	-	123	2	-	-
Broad Mountain Coal Co.												
Diamond Slope	DM Schuylkill	-	616	186	8	810	g 700	-	40	3	-	-
Bubel Coal Co.												
Top Split Mammoth Slope *	DM Schuylkill	62	2,851	610	36	3,559	h 3,000	100	128	6	-	-

		District 18 Production - net tons				Pounds				Fatal fatal	
		Shipped to market	Sold to local	Used at colliery	Total production	permis- sible ex- plosives	Pounds dynamite used	Days worked	Empl- oves	acci- dents	acci- dents
Operators and Collieries	County	By railroad	By truck	for steam and heat							
Cooper & Co.											
Primrose Slope *	DM Schuylkill	-	-	-	-	-	-	10	3	-	-
Correale Construction Co.											
Nesquehoning Cleaning Plant	B Carbon	-	-	-	-	-	-	55	8	-	-
Nesquehoning Bank	Carbon	1,744	3,693	1,101	6,538	-	-	55	8	-	1
Total		1,744	3,693	1,101	6,538	i	-	-	16	-	-
D. & H. Partnership											
Buck Mountain Slope	DM Schuylkill	-	-	-	-	j	-	39	3	-	-
D. Y. & N. Coal Co.											
Orchard Slope *	DM Schuylkill	-	-	-	-	-	-	26	3	-	-
East Penn Fine Coal Co.											
East Penn Washery	W Schuylkill	-	-	-	-	-	-	70	2	-	-
East Penn Bank	Schuylkill	-	3,520	-	3,520	-	-	70	1	-	-
Total		-	3,520	-	3,520	k	-	-	3	-	-
Farley Coal Co.											
Buck Mountain Slope	DM Schuylkill	-	12,705	9,523	225	22,453	l	8,800	550	278	9
Fauzio Coal Co.											
No. 6 Bank	Carbon	6,692	4,762	1,244	-	12,698	m	-	-	143	4
Fegley Brothers Coal Co.											
Primrose Slope	Schuylkill	62	203	402	3	670	n	625	-	156	4
Film Coal Co., Inc.											
Kaska Breaker	B Schuylkill	-	-	-	-	-	-	29	6	-	-
Kaska Bank	Schuylkill	-	-	-	-	-	-	29	5	-	-
Total		-	-	-	-	-	i	-	-	11	-
Greenwood Mining Co.											
Greenwood Breaker	BP Schuylkill	-	-	-	-	-	-	244	92	-	11
Gregas Coal Co.											
Little Orchard Slope *	DM Schuylkill	-	-	-	-	-	-	10	3	-	-
J. & E. Coal Co.											
J. & E. Breaker	BP Schuylkill	-	-	-	-	-	-	189	14	-	-
K. & M. Coal Co.											
Orchard Slope	DM Schuylkill	-	-	-	-	j	-	22	2	-	-
K. M. & F. Coal Service											
K. M. & F. Breaker	BP Schuylkill	-	-	-	-	-	-	28	5	-	-
Klimas Coal Co.											
No. 7 Slope	DM Schuylkill	539	1,708	5,392	51	7,690	o	4,800	900	269	9
Kristoff Coal Co.											
Four Foot Slope	DM Schuylkill	74	910	251	12	1,247	p	300	-	92	5

		District 18 Production - net tons				Pounds				Fatal fatal	
		Shipped to market	Sold to local	Used at colliery	Total production	permis- sible ex- plosives	Pounds dynamite used	Days worked	Empl- oves	acci- dents	acci- dents
Operators and Collieries	County	By railroad	By truck	for steam and heat							
Lanscoal Mining Co., Inc.											
No. 9	DM Carbon	12,020	8,553	2,236	-	22,809	m	15,500	4,500	235	18
Laurel Hill Coal Co.											
Coal Hill Drift	DM Schuylkill	-	56	1,046	11	1,113	q	1,000	200	138	3
Lehigh Valley Anthracite, Inc.											
Salem Creek Breaker	BP Schuylkill	-	-	-	-	-	-	215	6	-	-
Manbeck Dredging Co., Inc.											
No. 6 Washery	W Carbon	-	-	-	-	-	-	266	5	-	-
No. 6 Bank	Carbon	-	60,000	-	-	60,000	-	266	5	-	-
Total		-	60,000	-	-	60,000	r	-	-	10	-
Mar Strip & Excavating Co.											
No. 10 Bank	Schuylkill	14,091	10,027	2,620	-	26,738	m	-	-	214	6
Mountain Side Coal Co.											
Mountain Side Breaker	BP Schuylkill	-	-	-	-	-	-	293	2	-	-
P. & D. Coal Co.											
Primrose Slope *	DM Schuylkill	-	102	25	-	127	s	-	-	26	2
P. & G. Coal Co.											
Schuylkill Bank *	Schuylkill	21	81	126	2	230	t	-	-	62	2
Pacine Coal Co.											
Little Orchard Slope *	DM Schuylkill	-	74	30	1	105	u	50	-	48	2
R. G. & C. Coal Co.											
Holmes Slope *	DM Schuylkill	-	44	158	-	202	v	-	-	87	3
R. & R. Coal Co.											
Brockton Breaker	BP Schuylkill	-	-	-	-	-	w	-	-	155	4
R. & R. Washery	W Carbon	-	-	-	-	-	-	132	2	-	-
R. & R. Bank	Carbon	-	-	3,169	-	3,169	x	-	-	132	1
Total		-	-	3,169	-	3,169	-	-	-	7	-
Randolph Coal Co.											
Randolph Washery	W Carbon	-	-	-	-	-	-	271	2	-	-
Randolph Bank	Carbon	-	8,483	-	-	8,483	-	271	1	-	-
Total		-	8,483	-	-	8,483	y	-	-	3	-
Reading Anthracite Co.											
Pine Forest Cleaner Plant	B Carbon	-	-	-	-	-	-	166	8	-	2
Romanosky Partnership											
Top Split Slope	DM Carbon	-	-	-	-	j	-	20	3	-	-
Schickram, William											
No. 8 Bank	Carbon	20,183	14,362	3,753	-	38,298	m	-	-	231	11
Silver Creek Coal Co., Inc.											
Silver Creek Breaker	BP Carbon	-	-	-	-	-	-	88	5	-	-

		District 18 Production - net tons					Pounds							
Operators and Collieries	County	Shipped to market		Sold		Used at colliery for steam and heat	Total production	Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents	
		By railroad	By truck	to local trade	to colliery and heat									
Skipnek Coal Co. Skidmore Slope	DM Carbon	-	142	521	-	663	z	310	125	216	2	-	-	
Smith Coal Co. Buck Mountain Slope *	DM Schuylkill	614	6,553	2,826	101	10,094	aa	5,925	-	189	5	-	-	
South Tamaqua Coal Pockets South Tamaqua Breaker	BP Schuylkill	-	-	-	-	-	-	-	-	234	5	-	-	
Spring Creek Coal Co. Spring Creek Breaker	BP Schuylkill	-	-	-	-	-	-	-	-	50	2	-	-	
Sunbury Co., Inc., The New Philadelphia Washery	W Schuylkill	-	-	-	-	-	-	-	-	192	5	-	-	
New Philadelphia Bank Total	Schuylkill	46,838	-	-	-	46,838	-	-	-	192	5	-	-	
Three Par Coal Co. Holmes Slope	DM Schuylkill	11	486	736	8	1,241	cc	1,000	-	171	3	-	-	
Tracy Coal Co. Tracy Vein Slope	DM Schuylkill	-	402	820	8	1,230	dd	800	-	215	3	-	-	
Walton, John Walton Breaker	BP Schuylkill	-	-	-	-	-	ee	-	-	36	2	-	-	
Whippoorwill Coal Co. Top Split Slope	DM Schuylkill	-	313	3,526	32	3,871	ff	2,575	-	237	4	-	-	
Williams Coal Co., Evan Primrose Slope	DM Schuylkill	-	539	2,086	23	2,648	gg	1,500	-	154	3	-	-	
Yob Coal Co. Holmes Slope *	DM Schuylkill	-	426	130	5	561	hh	275	-	64	3	-	-	
Zakrewsky Coal Co. Leader Slope	DM Schuylkill	678	3,558	6,948	51	11,235	ii	8,500	-	275	9	-	-	
District Total		122,226	177,967	66,926	768	367,887		65,660	6,875	185	372	-	20	

NOTE: * Mines completed and permanently abandoned during 1966.

- (a) 5,233 tons prepared at J. & E. Breaker
121 tons prepared at Spring Creek Breaker
792 tons prepared at Valley Breaker - District 15
114 tons prepared at Black Heath Breaker - District 19
49 tons prepared at Englewood Breaker - District 26
14 tons prepared at Skytop Breaker - District 26.
(b) All coal prepared at J. & E. Breaker

- (c) 1,076 tons prepared at Silver Creek Breaker
480 tons prepared at Wesner Breaker - District 15
6,717 tons prepared at K. & P. Breaker - District 19
4,217 tons prepared at Glenn Worth Breaker - District 19
278 tons prepared at Starwood Breaker - District 26
(d) 146 tons prepared at Silver Creek Breaker
4,107 tons prepared at Wesner Breaker - District 15
896 tons prepared at K. & P. Breaker - District 19
6,406 tons prepared at Skytop Breaker - District 26
51 tons prepared at Starwood Breaker - District 26

		District 18 Production - net tons					Pounds							
Operators and Collieries	County	Shipped to market		Sold		Used at colliery for steam and heat	Total production	Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents	
		By railroad	By truck	to local trade	to colliery and heat									
NOTE: (e) All coal prepared at Bliss Washery. Ceased operations in November 1966.														
(f) 213 tons prepared at Brockton Breaker														
(g) All coal prepared at Brockton Breaker. Ceased operations in February 1966.														
(h) 1,641 tons prepared at J. & E. Breaker 270 tons prepared at Black Heath Breaker - District 19 160 tons prepared at Glenn Worth Breaker - District 19 1,488 tons prepared at Franklin Breaker - District 30														
(i) All coal prepared at Honeybrook Breaker - District 15.														
(j) Operation is being rehabilitated.														
(k) All coal prepared at East Penn Washery. Began operations in May and ceased in August, 1966.														
(l) 11127 tons prepared at J. & E. Breaker 2,685 tons prepared at Mountain Side Breaker 8,611 tons prepared at South Tamaqua Breaker 30 tons prepared at Spring Creek Breaker Farley & Ihnat Coal Co. formerly operated and pro- duced 13,723 tons of this coal, worked 184 days, with 9 men and used 6,750 pounds of explosives. Changed to Farley Coal Co. in October 1966.														
(m) All coal prepared at Greenwood Breaker.														
(n) 326 tons prepared at Wesner Breaker - District 15 76 tons prepared at Mazaika Breaker - District 15 268 tons prepared at Black Heath Breaker - District 19														
(o) 1,967 tons prepared at K. M. & F. Breaker 2,406 tons prepared at Silver Creek Breaker 120 tons prepared at Walton Breaker 28 tons prepared at Valley Breaker - District 15 670 tons prepared at Glenn Worth Breaker - District 19 1,789 tons prepared at Reichwein & Beury Breaker - District 26 680 tons prepared at Skytop Breaker - District 26 30 tons prepared at Englewood Breaker - District 26														
(p) 923 tons prepared at J. & E. Breaker 5 tons prepared at Silver Creek Breaker 319 tons prepared at Black Heath Breaker - District 19														
(q) All coal prepared at K. M. & F. Breaker.														
(r) All coal prepared at No. 6 Washery.														
(s) All coal prepared at B. & N. Breaker.														
(t) All coal prepared at Silver Creek Breaker.														
(u) 93 tons prepared at B. & N. Breaker 12 tons prepared at Spring Creek Breaker														
(v) 196 tons prepared at Wesner Breaker - District 15 6 tons prepared at Skytop Breaker - District 26														
(w) Name of company was changed from Brockton Black Beauty Coal Co. to Morten Lands Co. in July and in October 1966 was changed in ownership to R. & R. Coal Co.														
(x) All coal prepared at R. & R. Washery Began operations in April and ceased in October 1966.														
(y) All coal prepared at Randolph Washery.														
(z) 644 tons prepared at Wesner Breaker - District 15 19 tons prepared at Greybosh Breaker - District 15														
(aa) 5,677 tons prepared at J. & E. Breaker 1,642 tons prepared at South Tamaqua Breaker 105 tons prepared at Wesner Breaker - District 15 2,670 tons prepared at Black Heath Breaker - District 19														
(bb) All coal prepared at New Philadelphia Washery.														
(cc) 631 tons prepared at K. M. & F. Breaker 396 tons prepared at B. & N. Breaker 214 tons prepared at K. & P. Breaker - District 19														
(dd) 772 tons prepared at South Tamaqua Breaker 18 tons prepared at B. & N. Breaker 396 tons prepared at Wesner Breaker - District 15 44 tons prepared at Greybosh Breaker - District 15														
(ee) Ceased operations in March 1966.														
(ff) 3,065 tons prepared at K. M. & F. Breaker 14 tons prepared at Spring Creek Breaker 725 tons prepared at Wesner Breaker - District 15 67 tons prepared at Greybosh Breaker - District 15														
(gg) 1,258 tons prepared at K. M. & F. Breaker 1,002 tons prepared at South Tamaqua Breaker 388 tons prepared at Wesner Breaker - District 15														

District 18
Production - net tons

Operators and Collieries	County	Production - net tons				Total production:	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market By railroad	Sold By truck	Used at colliery for steam and heat	to local trade							
NOTE: (hh) 490 tons prepared at Brockton Breaker					(ii) 3,169 tons prepared at R. & R. Washery							
67 tons prepared at B. & N. Breaker					1,610 tons prepared at Brockton Breaker							
4 tons prepared at Valley Breaker - District 15					561 tons prepared at J. & E. Breaker							
B - Breaker					2,475 tons prepared at Wesner Breaker - District 15							
BP - Breaker Preparation Only.					2,946 tons prepared at Black Heath Breaker - District 19							
DM - Deep Mined					474 tons prepared at Starwood Breaker - District 26							
W - Washery												

District 19

Allen Mining Co. Skidmore Slope	DM	Schuylkill	36	1,358	1,006	130	2,530 a	950	-	103	9	-	1
B. H. & L. Partnership White Ash No. 2 Slope	DM	Schuylkill	-	286	184	11	481 b	250	-	140	4	-	-
B. & M. Coal Co. Four Foot Slope	DM	Schuylkill	-	91	349	-	440 c	200	-	52	4	-	-
Big Hill Coal Co. Big Hill Slope	DM	Schuylkill	18	239	110	3	370 d	200	-	14	5	-	-
Bosack Coal Co. No. 2 Drift Tunnel	DM	Schuylkill	297	3,774	1,675	13	5,759 e	1,600	-	218	6	-	-
C.L.S. Coal Co. Maple Spring Breaker	B	Schuylkill	-	-	-	-	-	-	-	46	6	-	-
Lytle Bank		Schuylkill	442	4,453	-	-	4,895	-	-	65	5	-	-
Total			442	4,453	-	-	4,895 f	-	-	11	-	-	-
C. & P. Coal Co. Seven Foot Rock Slope	DM	Schuylkill	5	113	71	2	191 g	100	-	21	2	-	-
Cass Contracting Co. Marlin Breaker	BP	Schuylkill	-	-	-	-	-	-	-	131	9	-	-
Chernosky Trucking Co. Phoenix Bank		Schuylkill	-	120	-	-	120 h	-	-	13	2	-	-
Coxe Coal Co. Woods Drift	DM	Schuylkill	528	2,513	1,888	37	4,966 i	5,500	1,000	203	3	-	-
Dando Coal Co., Frederick P. No. 12 Rock Slope	DM	Schuylkill	333	3,404	3,378	53	7,168 j	6,000	-	219	9	-	-
DiRenzo Coal Co. DiRenzo Breaker	BP	Schuylkill	-	-	-	-	-	-	-	183	9	-	2
Etzweiler Coal Co., Norman Selkirk Slope	DM	Schuylkill	6	550	564	10	1,130 k	925	-	158	5	-	-
G. & B. Coal Co. Buck Slope	DM	Schuylkill	-	121	102	3	226 l	250	-	19	4	-	-
Glenn Worth Coal Co. Glenn Worth Breaker	BP	Schuylkill	-	-	-	-	-	-	-	200	3	-	-

District 19

Operators and Collieries	County	Production - net tons				Total production:	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents	
		Shipped to market By railroad	Sold By truck	Used at colliery for steam and heat	to local trade								
H. & P. Coal Co. No. 1 Buck Mountain Slope	DM	Schuylkill	299	2,697	1,858	27	4,881 m	1,450	-	200	5	-	1
Halaburda Coal Co. No. 2 Seven Foot Slope	DM	Schuylkill	2	48	30	1	81 g	50	-	63	2	-	-
Hegins Mining Co. Sharp Mountain Slope	DM	Schuylkill	545	8,096	5,193	35	13,869 n	11,000	-	269	9	-	-
Horvath Partnership Seven Foot Vein Slope	DM	Schuylkill	103	2,151	1,360	12	3,626 o	2,100	-	172	4	-	3
K. & L. Coal Co. Orchard Slope	DM	Schuylkill	59	632	1,223	17	1,931 p	850	-	74	4	-	-
K. & M. Coal Co. Kulp Slope	DM	Schuylkill	23	515	322	2	862 g	1,250	-	146	3	-	-
K. & P. Coal Co. K. & P. Breaker	BP	Schuylkill	-	-	-	-	-	-	-	127	8	-	-
Kost Partnership Orchard Slope	DM	Schuylkill	14	181	84	2	281 d	70	-	40	2	-	-
Kowalchick, Michael Kowalchick Breaker	BP	Schuylkill	-	-	-	-	- q	-	-	5	1	-	-
Live Oak Coal Co. Live Oak Breaker	BP	Schuylkill	-	-	-	-	-	-	-	185	3	-	-
M. & N. Coal Co. Middle Split Slope	DM	Schuylkill	740	3,175	2,572	18	6,505 r	3,675	-	244	5	-	1
Peach Mountain No. 1 Slope	DM	Schuylkill	277	3,339	2,016	7	5,639 s	1,225	-	225	5	-	-
Total			1,017	6,514	4,588	25	12,144	4,900	-	10	-	-	1
Manbeck Dredging Co., Inc. Forestville Washery	W	Schuylkill	-	-	-	-	-	-	-	230	5	-	-
Lytle Bank		Schuylkill	-	38,100	-	-	38,100 t	-	-	230	4	-	-
Lowland Washery	W	Schuylkill	-	-	-	-	-	-	-	164	5	-	1
Lowland Bank		Schuylkill	10,900	3,900	-	-	14,800 u	-	-	164	4	-	-
Total			10,900	42,000	-	-	52,900	-	-	18	-	-	1
Minersville Coal Co., Inc. Minersville Breaker	BP	Schuylkill	-	-	-	-	-	-	-	300	9	-	-
Mount Laffee Coal Co. Mount Laffee Slope	DM	Schuylkill	2	21	9	1	33 d	25	-	18	2	-	-
Noyalas Coal Co. Skidmore Rock Slope	DM	Schuylkill	73	933	432	3	1,441 d	500	-	111	2	-	-
Old Mill Coal Yard Old Mill Breaker	B	Schuylkill	-	-	-	-	-	-	-	236	3	-	-

		District 19 Production - net tons					Pounds	Pounds	Days	Empl	Fatal	Non-
Operators and Collieries		County	Shipped to market	Sold	Used at	Total	permis-	dynamite	worked	oves	fatal	fatal
			By : railroad	By : truck	to local trade	for steam and heat	sible ex- plosives used	used			acci- dents	acci- dents
Old Mill Coal Yard (Continued)												
Old Mill Slush Bank		Schuylkill	415	270	12	-	-	-	45	1	-	-
Total			415	270	12	-	697 w	-	-	4	-	-
Olenick Brothers Coal Co.												
Olenick Breaker		BP Schuylkill	-	-	-	-	-	-	156	3	-	1
P. & H. Coal Co.												
White Ash Slope		DM Schuylkill	-	2,989	1,943	130	5,062 x	2,400	-	243	5	-
Phoenix Contracting Co.												
Black Heath Breaker		BP Schuylkill	-	-	-	-	-	-	-	135	8	-
Reading Anthracite Co.												
New St. Nicholas Breaker		B Schuylkill	-	-	-	-	-	-	240	28	-	6
New St. Nicholas Fine Coal Plant		Schuylkill	-	-	-	-	-	-	243	30	-	3
Beechwood Cleaner Plant		B Schuylkill	-	-	-	-	-	-	240	6	-	-
Anchor Refuse Bank No. 155-C		Schuylkill	664	149	310	-	1,123 y	-	9	2	-	-
Oak Hill Slush Bank No. 73		Schuylkill	59,262	-	-	-	59,262 z	-	196	4	-	-
Total			59,926	149	310	-	60,385	-	-	70	-	9
Rekla Coal Co.												
Bottom Split Slope		DM Schuylkill	-	828	481	-	1,309 aa	420	-	58	4	-
Rem Coal Co.												
Peach Mountain Slope		DM Schuylkill	-	101	26	-	127 bb	50	-	32	3	-
Rickert Coal Co.												
Tracy Slope		DM Schuylkill	13	1,331	2,278	16	3,638 cc	1,500	-	329	4	-
Scheib Coal Co.												
Scheib Slope		DM Schuylkill	779	1,518	279	15	2,591 dd	1,800	-	153	4	-
Seanawaitis Brothers Coal Co.												
Bottom Split Slope		DM Schuylkill	1,897	6,506	3,869	27	12,299 ee	11,000	4,000	264	7	-
Sminituc Coal Co.												
Four Foot Slope		DM Schuylkill	17	435	282	14	748 ff	350	-	61	4	-
Snyder Coal Co., Leroy												
No. 2 Buck Mountain Slope		DM Schuylkill	51	6,871	2,774	26	9,722 gg	9,800	-	261	6	-
Sorokach Coal Co.												
Sorokach Slope		DM Schuylkill	130	2,298	1,403	13	3,844 hh	1,150	-	246	4	-
Studlack Partnership												
Buck Mountain Slope		DM Schuylkill	-	20	16	1	37 i	25	-	3	2	-
West West Coal Co., Inc.												
No. 1 Slope		DM Schuylkill	11	260	162	2	435 ii	400	-	24	5	-
No. 3 Seven Foot Vein Slope		DM Schuylkill	-	-	-	-	- jj	-	-	9	5	-
Total			11	260	162	2	435	400	-	10	-	-

		District 19 Production - net tons					Pounds	Pounds	Days	Empl	Fatal	Non-
Operators and Collieries		County	Shipped to market	Sold	Used at	Total	permis-	dynamite	worked	oves	fatal	fatal
			By : railroad	By : truck	to local trade	for steam and heat	sible ex- plosives used	used			acci- dents	acci- dents
Westwood Coal Co.												
Westwood Slope		DM Schuylkill	397	6,109	3,664	40	10,210 kk	13,000	1,000	208	8	-
Woodside Mining Co.												
Buck Mountain Slope		DM Schuylkill	-	741	782	7	1,530 ll	1,250	-	126	3	-
District Total			78,338	111,236	42,707	678	232,959	81,315	6,000	175	316	- 19

- NOTE: (a) 2,084 tons prepared at DiRenzo Breaker
 114 tons prepared at Black Heath Breaker
 161 tons prepared at K. & P. Breaker
 148 tons prepared at Glenn Worth Breaker
 10 tons prepared at Live Oak Breaker
 13 tons prepared at Reichwein & Beury Breaker - District 26
 Ceased operations in August 1966.
- (b) All coal prepared at DiRenzo Breaker. Ceased operations in August 1966.
- (c) 170 tons prepared at Skytop Breaker - District 26
 270 tons prepared at Wesner Breaker - District 15
- (d) All coal prepared at K. & P. Breaker
- (e) 1,109 tons prepared at Maple Spring Breaker
 608 tons prepared at Glenn Worth Breaker
 1,743 tons prepared at Old Mill Breaker
 2,299 tons prepared at B. & N. Breaker - District 18
- (f) All coal prepared at Maple Spring Breaker. Ownership of Breaker transferred from Maple Spring Coal Co. on September 1, 1966 to C.L.S. Coal Co.
- (g) All coal prepared at Minersville Breaker.
- (h) All coal prepared at East Penn Washery - District 18. Ceased operations in August 1966.
- (i) 1,117 tons prepared at DiRenzo Breaker
 2,208 tons prepared at K. & P. Breaker
 837 tons prepared at Swatara Breaker - District 21
 162 tons prepared at Silver Creek Breaker - District 18
 542 tons prepared at Wesner Breaker - District 15
 100 tons prepared at Spring Creek Breaker - District 18
- (j) 3,598 tons prepared at Live Oak Breaker
 1,790 tons prepared at Olenick Breaker
 497 tons prepared at Black Heath Breaker
 75 tons prepared at K. & P. Breaker
 1,208 tons prepared at Reichwein & Beury Breaker - District 26
- (k) 106 tons prepared at B. & N. Breaker - District 18
 775 tons prepared at Live Oak Breaker
 80 tons prepared at K. & P. Breaker
 169 tons prepared at Malho Breaker - District 26
 Formerly operated by H. & G. Coal Co. who produced 1,084 tons, worked 135 days, 4 men, used 900 pounds of explosives. Ceased operations in November, 1966.
- (l) All coal prepared at Live Oak Breaker.
- (m) 565 tons prepared at K. & P. Breaker
 278 tons prepared at Maple Spring Breaker
 428 tons prepared at Glenn Worth Breaker
 868 tons prepared at Black Heath Breaker
 1,522 tons prepared at Live Oak Breaker
 862 tons prepared at B. & N. Breaker - District 18
 358 tons prepared at Hillside Breaker - District 21
- (n) 4,924 tons prepared at K. & P. Breaker
 1,101 tons prepared at Maple Spring Breaker
 7,844 tons prepared at Hillside Breaker - District 21
- (o) 3,581 tons prepared at Minersville Breaker
 45 tons prepared at Reichwein & Beury Breaker - Dist. 26
- (p) 1,288 tons prepared at Glenn Worth Breaker
 220 tons prepared at Maple Spring Breaker
 423 tons prepared at Olenick Breaker
 Ceased operations in June 1966.
- (q) Ceased operations in February 1966.
- (r) 3,796 tons prepared at Olenick Breaker
 1,334 tons prepared at Swatara Breaker - District 21
 1,375 tons prepared at D. & Z. Breaker - District 24
- (s) 1,619 tons prepared at Olenick Breaker
 1,245 tons prepared at B. & N. Breaker - District 18
 191 tons prepared at Swatara Breaker - District 21
 2,584 tons prepared at D. & Z. Breaker - District 24

		District 19				Production - net tons		Pounds				Non-	
		Shipped to market		Sold		Used at		permis-				fatal	
		By		to		colliery		sible ex-				fatal	
		railroad		local		for steam		plosives				fatal	
		truck		trade		and heat		used				fatal	
								Total		Pounds		Fatal	
								production		dynamite		Empl-	
								used		used		accidents	
												accidents	
Operators and Collieries		County											
NOTE: (t)	All coal prepared at Forestville Washery							(ff)	347 tons prepared at K. & P. Breaker				
(u)	All coal prepared at Lowland Washery.								304 tons prepared at Live Oak Breaker				
(v)	Ceased operations in July, 1966.								97 tons prepared at Olenick Breaker				
(w)	All coal prepared at Donaldson Breaker - District 30.							(gg)	158 tons prepared at Maple Spring Breaker				
(x)	169 tons prepared at Olenick Breaker								255 tons prepared at Live Oak Breaker				
	4,893 tons prepared at DiRenzo Breaker								4,132 tons prepared at Old Mill Breaker				
(y)	All coal prepared at New St. Nicholas Breaker.								142 tons prepared at Olenick Breaker				
(z)	All coal prepared at New St. Nicholas Fine Coal Plant								510 tons prepared at Glenn Worth Breaker				
(aa)	All coal prepared at Old Mill Breaker. Ceased operations in April, 1966.								1,482 tons prepared at B. & N. Breaker - District 18				
(bb)	All coal prepared at B. & N. Breaker - District 18.								2,946 tons prepared at Franklin Breaker - District 30				
(cc)	1,678 tons prepared at Live Oak Breaker								45 tons prepared at Reichwein & Beury Breaker-Dist. 26				
	285 tons prepared at Glenn Worth Breaker								52 tons prepared at Malho Breaker - District 26				
	1,217 tons prepared at Malho Breaker - District 26								Formerly operated by Otto M. Coal Co. produced 2,189 tons,				
	458 tons prepared at B. & N. Breaker - District 18								worked 86 days, 5 men, used 1,250 pounds of explosives.				
(dd)	1,537 tons prepared at Maple Spring Breaker								Changed ownership on May 2, 1966.				
	123 tons prepared at Live Oak Breaker								(hh) 114 tons prepared at Maple Spring Breaker				
	122 tons prepared at Donaldson Breaker - District 30								3,730 tons prepared at Minersville Breaker				
	138 tons prepared at Oakwood Breaker - District 30								(ii) Ceased operations in February, 1966.				
	671 tons prepared at Swatara Breaker - District 21								(jj) Suspended indefinitely in April, 1966.				
(ee)	5,195 tons prepared at Old Mill Breaker								(kk) 9,685 tons prepared at Minersville Breaker				
	22 tons prepared at Kowalchick Breaker								525 tons prepared at Maple Spring Breaker				
	1,753 tons prepared at Olenick Breaker								(ll) All coal prepared at Olenick Breaker				
	1,385 tons prepared at Live Oak Breaker												
	3,944 tons prepared at Swatara Breaker - District 21												
									B - Breaker				
									BP - Breaker Preparation only.				
									DM - Deep Mined				
									W - Washery				

District 20

		District 20				Production - net tons		Pounds				Non-	
		Shipped to market		Sold		Used at		permis-				fatal	
		By		to		colliery		sible ex-				fatal	
		railroad		local		for steam		plosives				fatal	
		truck		trade		and heat		used				fatal	
								Total		Pounds		Fatal	
								production		dynamite		Empl-	
								used		used		accidents	
												accidents	
Operators and Collieries		County											
A-B Coal Co.	No. 2 Slope	DM	Northumberland	-	-	338	-	338 a	300	-	55	3	-
A. T. & D. Coal Co.	Primrose Slope	DM	Columbia	14	62	42	2	120 b	80	-	47	3	-
Amarose Brothers Coal Co.	No. 2 Slope, No. 4 Vein	DM	Northumberland	-	76	43	1	120 c	100	-	90	4	-
B. & B. Coal Co.	No. 127 Slope	DM	Northumberland	514	2,227	1,498	43	4,282 d	3,200	-	217	5	-
Bridy Coal Co.	Bridy Slope	DM	Northumberland	1,258	350	140	-	1,748 e	2,000	-	210	4	-

District 20

		District 20				Production - net tons		Pounds				Non-	
		Shipped to market		Sold		Used at		permis-				fatal	
		By		to		colliery		sible ex-				fatal	
		railroad		local		for steam		plosives				fatal	
		truck		trade		and heat		used				fatal	
								Total		Pounds		Fatal	
								production		dynamite		Empl-	
								used		used		accidents	
												accidents	
Operators and Collieries		County											
Bridy, Incorporated	Atlas Washery	W	Northumberland	-	-	-	-	- f	-	-	21	5	-
Burnrite Coal Co.	No. 2 Lykens Vein Slope	DM	Columbia	169	12,789	785	28	13,771 g	8,000	-	287	8	-
C. & J. Coal Co.	C. & J. Breaker	BP	Northumberland	-	-	-	-	- h	-	-	197	13	-
Cliff Coal Co.	No. 132 Slope	DM	Columbia	287	1,243	837	24	2,391 d i	2,100	-	160	3	-
D. & D. Coal Co.	D. & D. Breaker	BP	Northumberland	-	-	-	-	- j	-	-	49	1	-
D. R. Z. Coal Co.	No. 4 Vein Slope	DM	Northumberland	79	22	9	-	110 k	200	-	60	3	-
Ennis Coal Co.	Locust Run Slope	DM	Columbia	806	3,493	2,351	67	6,717 d	7,957	-	280	6	-
Gangloff Bros.	Pennsylvania & Greenough Banks		Northumberland	68,000	-	-	-	68,000 l	-	-	80	8	-
Hank's Coal Co.	No. 2 Slope, No. 2 Lykens Vein	DM	Northumberland	-	3,634	-	-	3,634 m	2,750	-	252	4	-
Hepler Coal Co.	Skidmore S.D. No. 1 Slope	DM	Northumberland	712	3,084	2,076	59	5,931	3,500	-	243	8	-
	No. 2 Slope	DM	Columbia	-	-	-	-	-	-	-	77	1	-
	Total			712	3,084	2,076	59	5,931 d	3,500	-	9	9	-
K. & M. Coal Co.	No. 116 Slope	DM	Northumberland	650	2,798	1,884	54	5,386 d n	5,550	-	164	5	-
K. & Z. Coal Co.	No. 8 & 9 Veins S.D. Slope	DM	Northumberland	885	1,666	-	52	2,603 o	1,900	-	240	3	-
Kaletá Coal Co.	No. 8 & 9 Veins N.D. Slope	DM	Northumberland	-	3,324	831	-	4,155 p	2,650	-	260	4	-
Koschoff Coal Co.	Holmes Slope	DM	Northumberland	-	-	-	-	- q	-	-	29	2	-
M. & P. Coal Co.	Sayre Banks		Northumberland	927	2,563	549	23	4,062 r	-	-	167	2	-
M. & S. Coal Co.	Holmes Slope	DM	Columbia	-	2,240	1,297	18	3,555 b	2,900	-	288	4	-
M. & W. Coal Co.	Merriam Slope	DM	Columbia	1,068	4,625	3,113	88	8,894 d	5,650	-	295	9	-
Morack Coal Co.	Buck Slope	DM	Columbia	112	2,115	734	8	2,969 s	2,800	-	230	4	-
O. K. Coal Co.	No. 4 Vein Slope	DM	Northumberland	-	430	107	-	537 p t	200	-	80	3	-

		District 20 Production - net tons				Pounds				Fatal fatal		
		Shipped to market		Sold to	Used at	permis-		Days	Empl-	acci-	fatal	
Operators and Collieries	County	By railroad	By truck	local trade	colliery for steam and heat	Total production	sible explosives used					dynamite used
O. & M. Coal Co. Skidmore Slope	DM Northumberland	136	588	396	11	1,131 d	1,050	-	287	3	-	-
Poponiak Brothers Coal Co. No. 6 & 7 Vein Slope	DM Northumberland	643	301	375	-	1,319 u	900	-	200	3	-	-
R. & L. Coal Co. Germantown Slope	DM Columbia	562	2,435	1,639	46	4,682 d	2,500	-	130	5	-	-
Racho, George Richards Bank	Northumberland	14,425	-	-	-	14,425 l v	-	-	17	10	-	-
Savitski Brothers Coal Sales Savitski Breaker	BP Northumberland	-	-	-	-	-	-	-	258	5	-	-
No. 1 Slope	DM Northumberland	-	18	12	-	30	-	-	8	*	-	-
No. 1 Shaft	DM Northumberland	-	-	-	-	-	-	-	258	1	-	-
Total		-	18	12	-	30 w	-	-	-	6	-	-
Scott Coal Co. Seven Foot Vein Slope	DM Columbia	332	1,437	967	27	2,763 d	2,800	-	190	4	-	-
Shuey Coal Co., Lawrence No. 93 Slope	DM Northumberland	316	1,370	922	26	2,634 d x	1,000	-	140	4	-	-
State Coal Co., Inc. Pennsylvania Banks Cleaning Plant	W Northumberland	24,247	65,650	29,063	719	119,679	-	-	250	25	-	-
Total		24,247	65,650	29,063	719	119,679 y	-	-	250	18	-	3
Swamp Coal Co. No. 9 1/2 Vein Slope	DM Northumberland	35	797	264	4	1,100 z	150	-	95	3	-	-
W. & F. Coal Co. No. 10 1/2 Vein Slope	DM Northumberland	5	117	174	-	296 aa	200	-	23	3	-	-
Yost Coal Co. Yost Slope	DM Columbia	-	-	160	-	160 a	100	-	20	3	-	-
District Total		116,182	119,454	50,606	1,300	287,542	60,537	-	186	202	-	5

- NOTE: (a) All coal prepared at K. & D. Breaker - District 24. Ceased operations in May, 1966.
 (b) All coal prepared at Glen Burn Breaker - District 24. Ceased operations in May, 1966.
 (c) All coal prepared at Savitski Breaker
 (d) All coal prepared at Glen Burn Breaker - District 24.
 (e) 726 tons prepared at D. & Z. Breaker - District 24
 848 tons prepared at Bar Mac Breaker - District 24
 174 tons prepared at K. & D. Breaker - District 24
 (f) All coal put on stock pile.
 (g) 12,389 tons shipped direct to Merck & Co., Inc. 400 tons prepared at Ace Breaker - District 24
 982 tons prepared at Hoover Breaker - District 24
 (h) Changed to C. & J. Coal Co. on May 1, 1966 - formerly Diamond Coal Co. worked 20 days.
 (i) Ceased operations in September, 1966.
 (j) Ceased operations in May, 1966.
 (k) All coal prepared at D. & Z. Breaker - District 24.

		District 20 Production - net tons				Pounds				Fatal fatal	
		Shipped to market		Sold to	Used at	permis-		Days	Empl-	acci-	fatal
Operators and Collieries	County	By railroad	By truck	local trade	colliery for steam and heat	Total production	sible explosives used				
(m) 355 tons shipped directly to Pennsylvania Power & Light Co. 3,279 tons shipped direct to Merck & Co., Inc. (n) Changed to K. & M. Coal Co. on June 30, 1966. Formerly operated by D. K. & M. Coal Co. who produced 3,195 tons, worked 107 days, with 4 men, used 3,000 pounds of explosives. (o) All coal prepared at Diminick Breaker - District 24. (p) All coal prepared at Swift Breaker - District 24. (q) Development work only. (r) 1,000 tons prepared at Ranshaw Washery - District 29 287 tons prepared at Diamond Breaker 509 tons prepared at C. & J. Breaker 1,526 tons prepared at Glen Burn Breaker - District 24 400 tons prepared at Diminick Breaker - District 24 340 tons prepared at Ace Breaker - District 24 (s) 2,039 tons prepared at Swift Breaker - District 24 930 tons prepared at Glen Burn Breaker - District 24											
(t) Ceased operations in July, 1966. (u) 436 tons prepared at Bar Mac Breaker - District 24 883 tons prepared at C. & J. Breaker - District 24 (v) Ceased operations in June, 1966. (w) All coal prepared at Savitski Breaker. (x) Ceased operations in August, 1966. (y) 73,885 tons prepared at Glen Burn Breaker - District 24 11,709 tons prepared at C. & J. Breaker 19,010 tons prepared at Glen Lyon Breaker - District 11 15,075 tons shipped direct to Coal Brokers (z) 805 tons prepared at Swift Breaker - District 24 295 tons prepared at Glen Burn Breaker - District 24 (aa) 16 tons prepared at Diminick Breaker - District 24 280 tons prepared at Split Vein Breaker - District 24 Ceased operations in May 1966. * Same employees as the Breaker											

- B - Breaker
 BP - Breaker Preparation Only.
 DM - Deep Mined
 W - Washery

		District 21				Pounds				Fatal fatal		
		Shipped to market		Sold to	Used at	permis-		Days	Empl-	acci-	fatal	
Operators and Collieries	County	By railroad	By truck	local trade	colliery for steam and heat	Total production	sible explosives used					dynamite used
Anthracite Fine Coals, Inc. Blue Hill Slope	DM Schuylkill	1,448	943	39	-	2,430 a	1,500	-	143	9	-	-
B. & H. Coal Co. Bottom Split Slope	DM Schuylkill	5	358	497	3	863 b	800	-	85	3	-	-
Buck Coal Co. Buck Mountain Slope	DM Schuylkill	136	603	145	2	886 c	640	-	31	3	-	-
Dembinsky Coal Co. No. 3 Slope	DM Schuylkill	91	2,015	1,260	10	3,376 d	3,850	-	185	3	-	-
Falls Coal Co. Buck Mountain Slope	DM Schuylkill	-	758	84	4	846 e	675	-	148	3	-	-
Fay-Mar Coal Co. No. 1 Slope	DM Schuylkill	1,191	1,085	86	1	2,363 f	900	-	129	4	-	-
G. & T. Coal Co. Buck Mountain Drift	DM Schuylkill	-	-	-	-	- g	-	-	11	2	-	-
Good Spring Coal Co. Buck Mountain Slope	DM Schuylkill	-	197	22	1	220 e	200	-	42	3	-	-

		District 21 Production - net tons				Pounds				Non-	
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal
Operators and Collieries	County	By	local	for steam	production:	sible ex-	dynamite	worked	oves	acci-	acci-
		railroad	truck:	trade	and heat	plives	used			dents	dents
Granves Coal Co.	DM Schuylkill	126	148	6	1	281	100	31	3	-	-
Primrose Slope	Schuylkill	2,420	1,576	65	-	4,061	-	31	5	-	-
Granves Bank No. 1 Bank	Schuylkill	2,546	1,724	71	1	4,342	100	-	8	-	-
Total											
Haas Coal Co.	DM Schuylkill	387	2,272	1,277	4	3,940	2,450	150	201	5	-
No. 2 Slope											
Hatter Coal Co.	DM Schuylkill	1,404	12,511	1,685	-	15,600	17,200	50	277	8	-
No. 1 Slope											
Hegins Mining Co.	B Schuylkill	-	-	-	-	-	-	-	271	7	-
Hillside Breaker	DM Schuylkill	140	7,542	5,592	25	13,299	13,000	100	275	13	-
No. 5 West Slope											
Total		140	7,542	5,592	25	13,299	13,000	100	275	20	-
Herring Brothers Coal Co.	DM Schuylkill	417	2,839	300	6	2,762	2,675	-	167	7	-
Herring Brothers Slope											
Hoover & Reed Coal Co.	DM Schuylkill	203	313	339	2	857	800	-	31	7	-
H. & R. Slope											
K. & S. Coal Co.	DM Schuylkill	257	654	112	2	1,025	450	-	30	2	-
K. & S. Slope											
K.S.F. Coal Co.	DM Schuylkill	3,136	11,485	3,707	55	18,383	16,200	-	280	10	-
K.S.F. Slope											
Klinger Coal Co., Earl	DM Schuylkill	1,113	2,002	846	8	3,969	3,050	-	264	3	-
No. 2 Slope											
Klinger Coal Co., Leroy	DM Schuylkill	19	170	23	-	212	200	-	20	3	-
No. 4 Slope											
Koons Coal Co., Marcus	DM Schuylkill	412	280	12	1	705	150	-	163	3	-
Koons Drift											
Koperna Coal Co.	DM Schuylkill	377	1,609	291	4	2,281	550	-	199	3	-
Mammoth Vein Slope											
L.E.H. Mining Co.	DM Schuylkill	-	3,197	2,723	12	5,932	6,000	-	236	4	-
L.E.H. Slope											
Little Mine Coal Co.	DM Schuylkill	2	435	63	2	502	900	-	80	3	-
No. 1 Slope											
M. & W. Coal Co.	DM Schuylkill	875	1,820	158	10	2,863	1,000	-	167	4	-
Orchard Slope											
M.W.S. Coal Co.	DM Schuylkill	1,489	10,378	2,271	36	14,174	12,450	-	262	7	-
Holmes Slope											
Malho Coal Co.	DM Schuylkill	19	-	1,815	-	1,834	1,000	-	37	14	-
No. 4 Slope											

		District 21 Production - net tons				Pounds				Non-	
		Shipped to market	Sold to	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal
Operators and Collieries	County	By	local	for steam	production:	sible ex-	dynamite	worked	oves	acci-	acci-
		railroad	truck:	trade	and heat	plives	used			dents	dents
Malho Coal Co. (Continued)	DM Schuylkill	6	-	532	-	538	400	-	37	4	-
No. 5 Slope		25	-	2,347	-	2,372	1,400	-	18	-	-
Total											
Manbeck Dredging Co., Inc.	Schuylkill	-	18,900	-	-	18,900	-	-	101	3	-
Lincoln Bank											
Mansion Coal Co.	DM Schuylkill	-	138	23	1	162	150	-	12	3	-
Orchard Vein Slope											
Miller Coal Co.	DM Schuylkill	671	6,532	1,274	2	8,479	7,050	-	296	3	-
Miller Slope											
Mountain Top Coal Co.	DM Schuylkill	606	537	136	23	1,302	1,400	-	186	3	-
Orchard Slope											
Neumeister Coal Co., James	DM Schuylkill	36	6,424	8,520	89	15,069	5,000	1,400	291	9	-
No. 1 Slope											
Reber & Zimmerman Coal Co.	DM Schuylkill	19	26	10	-	55	100	-	46	2	-
Holmes Drift											
Rekla Coal Co., Inc.	DM Schuylkill	-	3,296	365	18	3,679	2,125	300	205	4	-
No. 2 Slope											
Renninger Coal Co., Inc.	DM Schuylkill	2,908	3,743	796	15	7,462	8,075	150	237	7	-
Buck Mountain Slope											
S. & F. Coal Co.	DM Schuylkill	3,488	2,979	249	2	6,718	3,850	-	213	4	-
Primrose Slope											
S. & L. Coal Co.	DM Schuylkill	-	1,389	154	7	1,550	700	-	139	3	-
Primrose Slope											
S. & M. Coal Co.	DM Schuylkill	936	4,417	1,504	17	6,874	6,000	-	219	5	-
No. 1 Slope											
No. 2 Slope	DM Schuylkill	2,216	12,001	4,093	65	18,375	12,000	-	250	10	-
Total		3,152	16,418	5,597	82	25,249	18,000	-	15	-	-
S.S.M. Coal Co.	DM Schuylkill	2,313	2,270	214	2	4,799	3,800	100	234	3	-
Tracy Vein Slope											
Schwartzlander Coal Co., Inc.	DM Schuylkill	5,082	3,352	175	1	8,610	5,000	-	269	5	-
No. 1 Slope											
Sharp Mountain Coal Co.	DM Schuylkill	846	979	92	1	1,918	2,000	200	183	3	-
Orchard Vein Drift											
Smith Coal Co.	DM Schuylkill	1,923	3,900	3,547	7	9,377	12,400	-	234	9	-
Smith Slope											
Spancake & Herring Coal Co.	DM Schuylkill	1,723	7,967	1,045	48	10,783	7,500	-	274	5	-
Buck Mountain Slope											
Swatara Coal Co.	BP Schuylkill	-	-	-	-	-	-	-	293	23	-
Swatara Breaker											

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		District 21 Production - net tons				Pounds				Fatal		Non-	
		Shipped to market		Sold to	Used at	permis-				Fatal		Non-	
		By	By	local	colliery	sible ex-				Fatal		Non-	
Operators and Collieries	County	railroad	truck	trade	for steam	Total	plosives	dynamite	Days	Empl-	acci-	acci-	
					and heat	production	used	used	worked	oves	idents	idents	
Tokarchek Coal Co. Tokarchek Slope	DM Schuylkill	2,429	2,081	530	10	5,050	bb	2,100	-	223	3	-	-
Tremont Anthracite Co., Inc. Tremont Breaker	BP Schuylkill	-	-	-	-	-	-	-	54	3	-	-	-
Viola Coal Co. Viola-Pozza Slope	DM Schuylkill	2,129	1,824	465	8	4,426	bb	1,500	-	235	3	-	-
Walaitis Coal Co. No. 2 Slope	DM Schuylkill	36	1,959	479	13	2,487	oo	4,200	300	179	3	-	-
Watcher Coal Co. No. 2 Slope	DM Schuylkill	757	648	165	3	1,573	bb	500	-	196	4	-	-
Williams Coal Co., Elmer Holmes Slope	DM Schuylkill	-	113	55	-	168	pp	25	-	5	3	-	-
Woratyla Coal Co. Middle Split Slope	DM Schuylkill	1,611	1,380	352	7	3,350	bb	3,650	400	255	7	-	-
Z. & B. Coal Co. Bottom Split Slope	DM Schuylkill	45	1,083	159	2	1,289	qq	1,600	-	145	3	-	-
Zimmerman Coal Co., Marlin Buck Mountain Slope	DM Schuylkill	3,647	12,172	2,531	64	18,414	rr	18,000	-	202	7	-	-
District Total		49,094	164,500	50,883	594	265,071	195,865	3,150	187	285	-	7	

- NOTE: (a) All coal prepared at Donaldson Breaker - District 30.
 (b) 11 tons prepared at Tremont Breaker
 395 tons prepared at Oakwood Breaker - District 30
 9 tons prepared at Pine Creek Breaker - District 12
 448 tons prepared at Underkoffler Breaker - District 12
 (c) 185 tons prepared at Tremont Breaker
 540 tons prepared at Kocher Breaker - District 16
 161 tons prepared at Old Mill Breaker - District 19
 (d) All coal prepared at Minersville Breaker - District 19.
 (e) All coal prepared at Franklin Breaker - District 30.
 (f) 1,969 tons prepared at Donaldson Breaker - District 30
 193 tons prepared at Superior Breaker - District 16
 201 tons prepared at Koch Breaker - District 30
 (g) Formerly Huth Coal Co. worked 11 days, 2 employees, no production. Ceased operating in January, 1966. Changed to G. & T. Coal Co. in July, 1966.
 (h) 4,082 tons prepared at Donaldson Breaker - District 30
 260 tons prepared at Kerrigan Breaker - District 12
 (i) 679 tons prepared at Hillside Breaker
 1,405 tons prepared at Old Mill Breaker - District 19
 1,157 tons prepared at Kocher Breaker - District 16
 274 tons prepared at D. & Z. Breaker - District 24
 425 tons prepared at Reichwein & Beury Breaker - Dist. 26
 (j) All coal prepared at Superior Breaker - District 16
 (k) 11,809 tons prepared at Hillside Breaker
 1,450 tons prepared at Superior Breaker - District 16
 40 tons prepared at Schneck Breaker - District 30
 (l) 460 tons prepared at Donaldson Breaker - District 30
 454 tons prepared at Koch Breaker - District 30
 492 tons prepared at Schneck Breaker - District 30
 301 tons prepared at Superior Breaker - District 16
 998 tons prepared at Oakwood Breaker - District 30
 57 tons prepared at Tremont Breaker

		District 21 Production - net tons				Pounds				Fatal		Non-	
		Shipped to market		Sold to	Used at	permis-				Fatal		Non-	
		By	By	local	colliery	sible ex-				Fatal		Non-	
Operators and Collieries	County	railroad	truck	trade	for steam	Total	plosives	dynamite	Days	Empl-	acci-	acci-	
					and heat	production	used	used	worked	oves	idents	idents	
NOTE: (1) 57 tons were produced by Z. & D. Coal Co., worked 9 days, 3 employees, used 25 pounds of explosives. Mine sold to Herring Brothers Coal Co. in February, 1966. (m) 204 tons prepared at Malho Breaker - District 26 364 tons prepared at K. & P. Breaker - District 19 289 tons prepared at Maple Spring Breaker - District 19 Ceased operations in April, 1966. (n) All coal prepared at Kocher Breaker - District 16 Ceased operations in May, 1966. (o) 2,781 tons prepared at Swatara Breaker 6,052 tons prepared at Kocher Breaker - District 16 6,917 tons prepared at Franklin Breaker - District 30 407 tons prepared at Maple Spring Breaker - District 19 215 tons prepared at Legal Breaker - District 16 2,011 tons prepared at Malho Breaker - District 26 (p) 2,141 tons prepared at Swatara Breaker 307 tons prepared at Maple Spring Breaker - District 19 420 tons prepared at B. & N. Breaker - District 18 964 tons prepared at Olenick Breaker - District 19 137 tons prepared at Franklin Breaker - District 30 (q) Ceased operations in June, 1966. (r) 691 tons prepared at Donaldson Breaker - District 30 14 tons prepared at Oakwood Breaker - District 30 (s) 645 tons prepared at Franklin Breaker - District 30 240 tons prepared at Old Mill Breaker - District 19 1,396 tons prepared at Maple Spring Breaker - District 19 (t) 5,913 tons prepared at Hillside Breaker 19 tons prepared at Koch Breaker - District 30 (u) 479 tons prepared at Oakwood Breaker - District 30 23 tons prepared at Superior Breaker - District 16 (v) 1,712 tons prepared at Kerrigan Breaker - District 12 194 tons prepared at Donaldson Breaker - District 30 951 tons prepared at Oakwood Breaker - District 30 6 tons prepared at Koch Breaker - District 30 (w) 5,802 tons prepared at Swift Breaker - District 24 5,885 tons prepared at Schneck Breaker - District 30 1,736 tons prepared at Oakwood Breaker - District 30 46 tons prepared at Koch Breaker - District 30 305 tons prepared at Pine Creek Breaker - District 12 400 tons prepared at Kocher Breaker - District 16 (x) All coal prepared at Malho Breaker - District 26. Ceased operations in March, 1966. (y) Sold unprepared to New Jersey Zinc Co. (z) All coal prepared at Tremont Breaker. Ceased operations in February, 1966. (aa) 1,018 tons prepared at Hillside Breaker 7,456 tons prepared at Superior Breaker - District 16 5 tons prepared at B. & N. Breaker - District 18 (bb) All coal prepared at Swatara Breaker. (cc) 130 tons prepared at Hillside Breaker 10,655 tons prepared at Live Oak Breaker - District 19 3,591 tons prepared at Malho Breaker - District 26 693 tons prepared at Franklin Breaker - District 30 (dd) 19 tons prepared at Koch Breaker - District 30 36 tons prepared at Donaldson Breaker - District 30 (ee) 4,501 tons prepared at Swatara Breaker 2,961 tons prepared at Kocher Breaker - District 16 (ff) 153 tons prepared at Swatara Breaker 5,041 tons prepared at Donaldson Breaker - District 30 1,524 tons prepared at Maple Spring Breaker - District 19 (gg) All coal prepared at Franklin Breaker - District 30 Formerly F. B. Stump Coal Co. produced 138 tons, worked 5 days, same men. (hh) 437 tons prepared at Swatara Breaker 1,555 tons prepared at Kocher Breaker - District 16 481 tons prepared at Live Oak Breaker - District 19 1,173 tons prepared at K. & P. Breaker - District 19 1,020 tons prepared at Maple Spring Breaker - District 19 1,395 tons prepared at Franklin Breaker - District 30 641 tons prepared at Olenick Breaker - District 19 72 tons prepared at Malho Breaker - District 26 100 tons prepared at Glenn Worth Breaker - District 19 (ii) 3,197 tons prepared at Swatara Breaker 6,993 tons prepared at Franklin Breaker - District 30 1,332 tons prepared at Live Oak Breaker - District 19 4,296 tons prepared at Olenick Breaker - District 19 683 tons prepared at Kocher Breaker - District 16 1,874 tons prepared at K. & P. Breaker - District 19													

		District 21 Production - net tons					Pounds					Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents	
		By railroad	By truck	to local trade	to colliery for steam and heat								production:
NOTE: (jj)	161 tons prepared at Tremont Breaker						(pp)	All coal prepared at Old Mill Breaker - District 19. Ceased operations in March, 1966.					
	3,880 tons prepared at Donaldson Breaker - District 30						(qq)	1,100 tons prepared at Oakwood Breaker - District 30					
	758 tons prepared at Koch Breaker - District 30							189 tons prepared at Schneck Breaker - District 30					
(kk)	436 tons prepared at Swatara Breaker							Inactive after September, 1966.					
	8,174 tons prepared at Donaldson Breaker - District 30						(rr)	255 tons prepared at Potts Breaker - District 30					
(ll)	1,420 tons prepared at Donaldson Breaker - District 30							2,067 tons prepared at Legal Breaker - District 16					
	355 tons prepared at Oakwood Breaker - District 30							1,116 tons prepared at Old Mill Breaker - District 19					
	143 tons prepared at Koch Breaker - District 30							8,851 tons prepared at Schneck Breaker - District 30					
(mm)	3,364 tons prepared at Kocher Breaker - District 16							6,125 tons prepared at Kocher Breaker - District 16					
	5,973 tons prepared at Reichwein & Beury Breaker - District 26												
	40 tons prepared at D. & Z. Breaker - District 24												
(nn)	1,889 tons prepared at Kocher Breaker - District 16							B - Breaker					
	5,294 tons prepared at Schneck Breaker - District 30							BP - Breaker Preparation Only.					
	3,600 tons prepared at Franklin Breaker - District 30							DM - Deep Mined					
(oo)	1,642 tons prepared at Franklin Breaker - District 30							W - Washery					
	702 tons prepared at K. & P. Breaker - District 19												
	132 tons prepared at Glenn Worth Breaker - District 19												
	11 tons prepared at Live Oak Breaker - District 19												

		District 22					Pounds					Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents	
		By railroad	By truck	to local trade	to colliery for steam and heat								production:
Al Mar Coal Co.	DM Northumberland	5,724	4,423	1,344	-	11,491 a	12,875	-	310	7	-	-	
Holmes Slope													
B. & B. Coal Co.	DM Northumberland	323	33	1,052	-	1,408 b	1,100	-	143	4	-	-	
No. 9 Vein T.S. Slope													
B. & S. Coal Co.	DM Northumberland	3,534	982	393	-	4,909 c	2,350	-	254	6	-	-	
Primrose S.D. Slope													
Bridy, Victor	DM Northumberland	551	153	61	-	765 c	650	-	95	3	-	-	
No. 8 Vein Slope													
Change Coal Co.	DM Northumberland	6,791	2,182	833	12	9,818 d	9,200	-	298	6	-	1	
Holmes Vein Slope													
Else Coal Co.	DM Northumberland	-	230	376	-	606 e	525	-	135	2	-	-	
Skidmore Slope													
G. & G. Coal Co.	DM Northumberland	165	311	-	10	486 f	450	-	64	3	-	-	
No. 10 Vein Rock Slope													
G.M.P. Coal Co.	DM Northumberland	3,822	1,197	413	7	5,439 g	2,700	-	248	9	-	1	
Mammoth Vein Tender Slope													
L. & L. Coal Co.	DM Northumberland	60	-	251	3	314 h	300	-	103	3	-	-	
No. 10 Vein Slope													

		District 23					Pounds					Non-	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	fatal acci- dents	
		By railroad	By truck	to local trade	to colliery for steam and heat								production:
Lone Pine Coal Co.	DM Northumberland	3,092	859	343	-	4,294 c	1,050	-	249	3	-	-	
No. 4 Vein Slope													
R.B.F. Coal Co.	Northumberland	129	435	18	8	590 i	-	-	20	4	-	-	
Scott Bank													
Ramph Coal Co., Melvin	DM Northumberland	483	375	793	-	1,651 j	1,700	-	180	3	-	-	
No. 10 Vein Slope													
Reading Anthracite Co.	BP Northumberland	-	-	-	-	- k	-	-	238	5	-	-	
Locust Summit Breaker													
Sanders Coal Co.	DM Northumberland	1,689	469	188	-	2,346 c	650	-	225	4	-	-	
No. 9 Vein T. S. Slope													
Split Vein Coal Co.	DM Northumberland	-	199	325	-	524 e l	600	-	80	3	-	-	
No. 8 Vein Rock Slope													
Susquehanna Coal Co.	DM Northumberland	507	2,197	1,478	42	4,224 m	1,475	725	30	47	-	-	
Maysville No. 2 Slope													
Witkoski Coal Co.	DM Northumberland	57	16	7	-	80 c	50	-	20	3	-	-	
No. 10 1/2 Vein Slope													
Yanik Bros. Coal Co.	DM Northumberland	1,223	340	136	-	1,699 c	1,120	-	261	3	-	-	
No. 8 Vein Slope													
Zanella Bros. Coal Co.	DM Northumberland	2,422	1,437	2,092	24	5,975 n	6,150	-	291	6	-	-	
Primrose S.D. Slope													
Zigarski Coal Co.	DM Northumberland	1,275	360	144	-	1,779 c	1,250	-	185	3	-	-	
No. 10 Vein Slope													
District Total		31,847	16,198	10,247	106	58,398	44,195	725	139	127	-	2	

- NOTE: (a) 7,950 tons prepared at D. & Z. Breaker - District 24
 3,541 tons prepared at Swift Breaker - District 24
 (b) 1,312 tons prepared at Bar Mac Breaker - District 24
 96 tons prepared at C. & J. Breaker - District 20
 (c) All coal prepared at D. & Z. Breaker - District 24.
 (d) 9,227 tons prepared at D. & Z. Breaker - District 24
 591 tons prepared at Legal Breaker - District 16
 (e) All coal prepared at Split Vein Breaker - District 24.
 (f) All coal prepared at Diminick Breaker - District 24.
 (g) 1,851 tons prepared at Diminick Breaker - District 24
 616 tons prepared at Blaschak Breaker - District 26
 74 tons prepared at D. & Z. Breaker - District 24
 2,898 tons prepared at C. & J. Breaker - District 20
 (h) 244 tons prepared at D. & Z. Breaker - District 24
 70 tons prepared at Hoover Breaker - District 24
 (i) 380 tons prepared at Diminick Breaker - District 24
 30 tons prepared at Split Vein Breaker - District 24
 180 tons prepared at Ranshaw Washery - District 29
 (j) 868 tons prepared at Bar Mac Breaker - District 24
 341 tons prepared at Swift Breaker - District 24
 344 tons prepared at D. & Z. Breaker - District 24
 98 tons prepared at C. & J. Breaker - District 20
 (k) Coal prepared at other breakers is further refined
 for industrial filters, etc.
 (l) Formerly operated by Kozar Coal Co., produced 524 tons,
 worked 80 days, 3 men. Changed to Split Vein Coal Co.
 in November, 1966.

		District 23 Production - net tons				Pounds		Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
Operators and Collieries		County	Shipped to market By : railroad	Sold to : local trade	Used at colliery for steam and heat	Total production:	permis- sible ex- plosives used				
NOTE: (m) All coal prepared at Glen Burn Breaker - District 24. Ceased operations in May, 1966.											
(n) 1,258 tons prepared at Diminick Breaker - District 24											
1,273 tons prepared at Hoover Breaker - District 24											
850 tons prepared at Malho Breaker - District 26											
306 tons prepared at Legal Breaker - District 16											
2,288 tons prepared at D. & Z. Breaker - District 24											

		District 24				Pounds		Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents	
Operators and Collieries		County	Shipped to market By : railroad	Sold to : local trade	Used at colliery for steam and heat	Total production:	permis- sible ex- plosives used					Pounds dynamite used
Ace Coal Sales												
Ace Breaker	BP	Northumberland	-	-	-	-	-	-	161	1	-	-
Bar Mac Coal Co.												
Bar Mac Breaker	BP	Northumberland	-	-	-	-	-	-	307	6	-	-
Clay Coal Co.												
No. 9 1/2 Vein N.D. Slope	DM	Northumberland	-	19	471	-	490 a	350	142	3	-	-
Czech Brothers Coal Co.												
No. 5 Vein S.D. Slope	DM	Northumberland	225	312	39	1	577 b	300	139	4	-	-
D. & Z. Coal Co.												
D. & Z. Breaker	BP	Northumberland	-	-	-	-	-	-	308	10	-	4
Diminick Coal Sales												
Diminick Breaker	BP	Northumberland	-	-	-	-	-	-	306	5	-	1
Dugan Coal Co.												
No. 11 Vein N.D. Slope	DM	Northumberland	977	4,449	-	-	5,426 c	2,850	50	240	4	-
Duke Associates												
No. 4 Rock Slope	DM	Northumberland	-	3,964	991	-	4,955 d	1,775	-	262	4	-
Eldy Coal Co.												
No. 1 Rock Slope	DM	Northumberland	1,883	8,350	-	-	10,233 c	5,575	-	235	6	1
Four Partners Coal Co.												
No. 9 1/2 Vein N.D. Slope	DM	Northumberland	-	2,112	2,757	-	4,869 e	1,300	75	247	4	-
Glenn Brass Coal Co.												
Trenching Project Bank		Northumberland	742	2,387	96	-	3,225 f	-	-	110	1	-
Glen Burn Colliery, Inc.												
Glen Burn Breaker	B	Northumberland	-	-	-	-	- g	-	-	284	142	-
Glosek Brothers Coal Sales												
Glosek Breaker	BP	Northumberland	-	-	-	-	-	-	-	274	7	-
Grego & Deitz Coal Co.												
No. 12 Vein N.D. Slope	DM	Northumberland	238	2,739	-	-	2,977 c	2,500	-	245	3	-
H. & S. Coal Co.												
West Drift	DM	Northumberland	9,862	38,820	19,021	319	68,022 f h	26,850	17,200	222	228	-

		District 24				Pounds		Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents		
Operators and Collieries		County	Shipped to market By : railroad	Sold to : local trade	Used at colliery for steam and heat	Total production:	permis- sible ex- plosives used					Pounds dynamite used	
Hoover Mining Co.													
Hoover Breaker	BP	Northumberland	-	-	-	-	-	-	307	3	-	-	
J. & S. Coal Co.													
No. 5 Vein N.D. Slope	DM	Northumberland	-	62	16	-	78 d	25	19	3	-	-	
K. & D. Coal Co.													
K. & D. Breaker	BP	Northumberland	-	-	-	-	-	-	276	3	-	-	
Lower Region Colliery													
Lower Region Washery	W	Northumberland	-	-	-	-	-	-	300	5	-	-	
Lytile Brothers Coal Co.													
No. 9 Vein N.D. Slope	DM	Northumberland	-	-	-	-	-	100	150	50	3	-	
P. & S. Coal Co.													
No. 10 Vein N. D. Slope	DM	Northumberland	-	-	-	-	-	50	75	31	2	-	
Radziewicz Brothers Coal Co.													
No. 8 Vein N.D. Slope	DM	Northumberland	-	980	245	-	1,225 d	575	-	162	3	-	
Ranshaw Transportation & Wreckers													
Neilson Bank		Northumberland	-	41,279	-	-	41,279 i	-	-	221	5	-	
Reidinger Coal Service, Inc.													
Reidinger Breaker	BP	Northumberland	-	-	-	-	-	-	275	8	-	6	
Rosini Coal Co.													
Carbon Run Breaker	BP	Northumberland	-	-	-	-	-	-	268	19	-	-	
Split Vein Coal Co.													
Split Vein Breaker	BP	Northumberland	-	-	-	-	-	-	306	17	-	-	
Steam Coals, Inc.													
North Line Breaker	BP	Northumberland	-	-	-	-	-	-	136	6	-	-	
Swift Coal Sales													
Swift Breaker	BP	Northumberland	-	-	-	-	-	-	307	7	-	-	
District Total			13,927	105,473	23,636	320	143,356	42,250	17,550	162	512	-	34

- NOTE: (a) All coal prepared at Split Vein Breaker - District 24.
- (b) All coal prepared at Carbon Run Breaker - District 24.
- (c) All coal prepared at Reidinger Breaker - District 24.
- (d) All coal prepared at Swift Breaker - District 24.
- (e) 2,340 tons prepared at Split Vein Breaker - District 24
2,529 tons prepared at Swift Breaker - District 24
- (f) All coal prepared at Glen Burn Breaker - District 24.
- (g) Formerly operated by Susquehanna Coal Co. who worked Glen Burn Colliery from January to July, 1966; worked 128 days with 191 men. Changed to Glen Burn Colliery, Inc. in July, 1966 worked 156 days with 53 men.
- (h) Susquehanna Coal Co. operated the West Drift Mine up to August, 1966 - produced 53,062 tons, worked 128 days, 89 men, 12 non-fatal accidents, used 17,150 pounds of explosives, 17,200 pounds of dynamite. Changed to H. & S. Coal Co. in August 1966 - worked 94 days with 37 men, 3 non-fatal accidents.
- (i) All coal prepared at Lower Region Washery.

		District 26 Production - net tons				Pounds				Fatal fatal		
		Shipped to market		Sold to	Used at	Total	permis-	Pounds	Days	Empl-	acci-	Non-
Operators and Collieries	County	By railroad	By truck	local trade	colliery for steam and heat	production	sible explosives used	dynamite used	worked	oves	dents	fatal accidents
A. D. & G. Coal Co.	DM Columbia	-	868	2,016	-	2,884 a	1,950	-	197	4	-	-
Buck Mountain Slope												
Alessi Coal Co.	DM Schuylkill	-	54	228	-	282 b	175	-	19	4	-	-
Buck Mountain Slope												
Aljac Coal Co., Inc.	DM Schuylkill	-	339	1,657	-	1,996 c	950	-	96	13	-	-
No. 1 Copley Buck Slope												
Ashland Community Enterprises, Inc.	DM Schuylkill	-	-	-	-	- d	-	-	301	22	-	-
Pioneer Tunnel												
B. & N. Coal Co.	DM Schuylkill	921	499	140	8	1,568 e	310	50	102	4	-	-
Buck Mountain Slope												
Blaschak Bros. Coal Co.	DM Schuylkill	-	-	-	-	- f	-	-	-	-	-	-
Skidmore Slope												
Blaschak Coal Co.	B Schuylkill	-	-	-	-	-	-	-	205	13	-	-
Blaschak Breaker												
Botella Coal Co., James	Schuylkill	2,568	-	1,391	134	4,093 g	-	-	42	2	-	-
Packer No. 3 Bank												
Brokenshire & Co.	DM Schuylkill	-	541	2,300	10	2,851 h	900	-	272	4	-	-
Buck Mountain Slope												
Capparell Coal Co., Inc.	B Schuylkill	-	-	-	-	-	-	-	262	39	-	3
Rosa Breaker												
Capparell Stripping & Construction Co., Inc.	Schuylkill	6,537	3,616	3,756	-	13,909	-	-	120	9	-	-
Kohinoor Bank												
Kehley Run Bank	Schuylkill	16,260	8,995	8,342	-	33,597	-	-	178	21	-	-
Packer No. 5 Bank	Schuylkill	14,061	7,778	8,080	-	29,919	-	-	212	11	-	-
William Penn Bank	Schuylkill	1,064	588	612	-	2,264	-	-	19	6	-	-
Total		37,928	20,971	20,790	-	79,689 i	-	-		47	-	-
DiCasimirro Contracting Co.	Schuylkill	-	-	-	-	- j	-	-	4	8	-	-
Hammond Bank												
Dyzzel Coal Co.	DM Schuylkill	97	156	787	-	1,040 k	300	-	250	2	-	-
Buck Mountain Slope												
Englewood Coal Co.	BP Schuylkill	-	-	-	-	-	-	-	312	2	-	-
Englewood Breaker												
Forsum Coal Co.	DM Schuylkill	2,000	1,500	700	-	4,200	5,320	3,000	238	6	-	-
No. 6 Slope												
No. 7 Slope	DM Schuylkill	3,467	2,587	529	-	6,583	5,319	6,600	238	5	-	-
Total		5,467	4,087	1,229	-	10,783 l	10,639	9,600		11	-	-
Forgotsch Bros. Coal Co.	DM Schuylkill	-	151	644	-	795 m	350	-	296	2	-	-
Buck Mountain Slope												

		District 26 Production - net tons				Pounds				Fatal fatal		
		Shipped to market		Sold to	Used at	Total	permis-	Pounds	Days	Empl-	acci-	Non-
Operators and Collieries	County	By railroad	By truck	local trade	colliery for steam and heat	production	sible explosives used	dynamite used	worked	oves	dents	fatal accidents
G. & B. Coal Co.	DM Columbia	-	3,734	934	-	4,668 n	3,000	1,420	216	5	-	-
Seven Foot Slope												
Gilberton Coal Co.	Schuylkill	53,375	-	-	-	53,375	-	-	42	5	-	-
Gilberton Bank												
Gilberton Breaker	B Schuylkill	-	-	-	-	-	-	-	105	90	-	33
Gilberton Fine Coal Plant	W Schuylkill	-	-	-	-	-	-	-	213	12	-	3
Saint Nicholas Slush Bank	Schuylkill	104,974	3,393	-	-	108,367	-	-	190	5	-	-
Total		158,349	3,393	-	-	161,742 o	-	-		112	-	36
H. & M. Coal Co.	DM Schuylkill	631	340	97	2	1,070 e	375	-	127	3	-	-
No. 2 Slope												
H.M.B. & P. Coal Co.	DM Schuylkill	438	237	68	-	743 e	500	-	132	4	-	-
Buck Mountain Slope												
Hard Top Coal Co.	DM Schuylkill	1,280	693	197	6	2,176 p	1,500	-	276	5	-	-
Buck Mountain Slope												
J. & D. Coal Co.	DM Schuylkill	295	475	860	8	1,638 q	300	-	187	4	-	-
Buck Mountain Slope												
Jeddo-Highland Coal Co.	W Columbia	-	-	-	-	- r	-	-	56	4	-	-
Midvalley Fine Coal Plant												
Jones Coal Co.	DM Schuylkill	-	496	1,488	-	1,984 s	800	-	202	5	-	-
No. 1 Tunnel Drift												
Locust Valley Coal Co., Inc.	Schuylkill	11,153	16,961	922	-	29,036	-	-	187	2	-	-
Mahanoy City Bank												
Mount Hazle Breaker	B Schuylkill	-	-	-	-	-	-	-	187	8	-	-
Total		11,153	16,961	922	-	29,036 t	-	-		10	-	-
Lehigh Valley Anthracite, Inc.	B Schuylkill	-	-	-	-	-	-	-	172	62	-	8
Mammoth Breaker												
Morea Breaker	B Schuylkill	-	-	-	-	-	-	-	61	23	-	-
Morea Bank	Schuylkill	6,633	2,302	11,781	123	20,839	-	-	61	5	-	-
Park No. 2 Bank	Schuylkill	12,606	74	60	-	12,740	-	-	26	9	-	-
Total		19,239	2,376	11,841	123	33,579 u	-	-		99	-	8
M. C. Coal Co.	DM Schuylkill	-	-	30	-	30 q	-	-	47	2	-	-
Buck Mountain Slope												
Makarczyk Bros. Coal Co.	DM Schuylkill	333	170	62	-	565 v	110	-	54	3	-	-
Holmes Slope												
Malho Coal Co.	B Schuylkill	-	-	-	-	-	-	-	304	4	-	2
Malho Breaker												
Marion Mining Co., Inc.	DM Schuylkill	1,425	3,041	4,942	96	9,504 t	8,300	11,800	220	23**	-	-
Connerton Drift												

		District 26 Production - net tons					Pounds				Fatal	Non-
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
Mickey Coal Co. Diamond Slope	DM Schuylkill	868	2,388	1,792	-	5,048 w	1,970	-	231	5	-	-
Olman Coal Co. Buck Mountain Slope	DM Schuylkill	-	-	730	8	738 x	220	-	241	3	-	-
Pleasant Hill Coal Co. Skidmore Drift	DM Schuylkill	-	1,040	5,076	-	6,116 y	3,500	-	281	6	-	-
Polcovich Coal Co. Seven Foot Slope	DM Columbia	5,900	3,200	902	4	10,006 e	9,750	-	246	8	-	-
R. & W. Coal Co. Buck Mountain Slope	DM Columbia	40	179	120	4	343 aa	110	-	78	3	-	-
Reading Anthracite Co. Maple Hill Cleaner Plant	Schuylkill	-	-	-	-	-	-	-	66	11	-	1
Saint Nicholas Fine Coal Plant W	Schuylkill	-	-	-	-	-	-	-	271	44	-	7
Saint Nicholas Slush Bank	Schuylkill	234,406	-	182	-	234,588	-	-	262	13	-	2
Knickerbocker 157A Bank	Schuylkill	8,316	325	671	-	9,312	-	-	25	6	-	-
Total		242,722	325	853	-	243,900 z	-	-	74	-	-	10
Reichwein & Beury Coal Co. Reichwein & Beury Breaker	BP Schuylkill	-	-	-	-	-	-	-	296	4	-	-
Shenn Coal Co. Primrose Slope	DM Columbia	140	585	391	3	1,119 aa	475	-	101	4	-	-
Simoes & Co. Buck Mountain Slope	DM Schuylkill	-	55	272	-	327 bb	115	-	26	4	-	-
Skidmore Coal Co. Mammoth Slope	DM Columbia	647	351	96	4	1,098 cc	1,840	-	46	5	-	-
Skytop Coal Co., Inc. Skytop Breaker	B Schuylkill	-	-	-	-	-	-	-	76	10	-	-
Lykens Slope	DM Schuylkill	-	-	-	-	- dd	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	10	-	-
Split Vein Coal Co. Buck Mountain Slope	DM Columbia	-	654	16,421	-	17,075	2,150	4,900	268	10	-	3
Germantown Bank	Columbia	-	2,046	25,450	-	27,496	-	-	229	2	-	-
Packer No. 5 Bank	Schuylkill	-	203	5,040	-	5,243	-	-	37	1	-	-
Total		-	2,903	46,911	-	49,814 a	2,150	4,900	13	-	-	3
Starwood Coal Corporation Starwood Breaker	BP Schuylkill	-	-	-	-	-	-	-	271	6	-	-
Trenton Coal Co. Buck Mountain Slope	DM Schuylkill	-	-	758	-	758 ee	450	-	152	2	-	-
Wadleigh Coal Co. Lykens Slope	DM Schuylkill	-	139	540	-	679 ff	910	350	210	4	-	-

		District 26 Production - net tons					Pounds				Fatal	Non-
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
White Birch Coal Co. Buck Mountain Slope	DM Schuylkill	998	1,275	1,822	102	4,197 gg	500	3,900	45	**	-	-
District Total		491,433	72,028	112,886	512	676,859	52,449	32,020	169	611	-	62

- NOTES:
- (a) All coal prepared at Split Vein Breaker - District 24.
 - (b) All coal prepared at Skytop Breaker. Ceased operations in January, 1966.
 - (c) All coal prepared at Starwood Breaker. Ceased operations in May, 1966.
 - (d) No production.
 - (e) All coal prepared at Mammoth Breaker - District 26
 - (f) Slopes used for pumping.
 - (g) All coal prepared at C. & J. Breaker - District 20.
 - (h) 2,851 tons prepared at Skytop Breaker
27 tons prepared at Starwood Breaker
 - (i) All coal prepared at Rosa Breaker.
 - (j) Coal on stock pile at Gilberton Fine Coal Plant.
 - (k) 500 tons prepared at Englewood Breaker
540 tons prepared at Reichwein & Beury Breaker
 - (l) 10,513 tons prepared at Gilberton Breaker
270 tons prepared at Starwood Breaker
 - (m) 780 tons prepared at Skytop Breaker
15 tons prepared at Starwood Breaker
 - (n) All coal prepared at Swift Breaker - District 24
 - (o) All coal prepared at Gilberton Fine Coal Plant.
 - (p) All coal prepared at Mammoth Breaker. Formerly operated by Beaver Coal Co. - produced 1,000 tons, worked 110 days same men.
 - (q) All coal prepared at Reichwein & Beury Breaker.
 - (r) Fine coal plant idle entire year of 1966, 4 men on maintenance only.
 - (s) All coal prepared at Mazaika Breaker - District 15.
 - (t) All coal prepared at Blaschak Breaker
 - (u) 20,839 tons prepared at Morea Breaker
12,740 tons prepared at Lion Breaker - District 15
 - (v) All coal prepared at Mammoth Breaker. Ceased operations in May, 1966.
 - (w) All coal prepared at D. & Z. Breaker - District 24.
 - (x) All coal prepared at Mountain Side Breaker - District 18.
 - (y) 5,856 tons prepared at Starwood Breaker
260 tons prepared at Mazaika Breaker - District 15
 - (z) 241,462 tons prepared at St. Nicholas Fine Coal Plant
2,438 tons prepared at St. Nicholas Breaker - Dist. 19
 - (aa) All coal prepared at Glen Burn Breaker - District 24. Ceased operations in May, 1966.
 - (bb) All coal prepared at Starwood Breaker. Ceased operations in February, 1966.
 - (cc) All coal prepared at Mammoth Breaker. Ceased operations in April, 1966.
 - (dd) Ceased operations in November, 1966. Slopes used for pumping.
 - (ee) All coal prepared at Valley Breaker - District 15.
 - (ff) All coal prepared at Skytop Breaker. Ceased operations in July, 1966.
 - (gg) 3,357 tons prepared at Blaschak Breaker
840 tons prepared at Mammoth Breaker
Ceased mining coal in April, 1966.
- ** Men transferred from White Birch Coal Co. to Marion Mining Co., Inc.
- B -Breaker
BP -Breaker Preparation Only.
DM -Deep Mined
W -Washery

		District 28					Pounds				Fatal	Non-
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	fatal acci- dents
		By railroad	By truck	to local trade	colliery for steam and heat							
Alarcon Coal Co. No. 3 Slope	DM Northumberland	8,431	11,675	1,514	-	21,620 a	7,825	-	313	15	-	-
B. & B. Coal Co. No. 2 Slope	DM Northumberland	-	-	4,000	-	4,000 a	400	-	160	4	-	-

		District 28 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	accidents	fatal	fatal
County		By railroad	By truck	to local trade	colliery for steam and heat	production	used					accidents	accidents
B. K. & P. Coal Co. No. 2 Slope *	DM Northumberland	-	-	1,342	-	1,342	b 300	-	309	3	-	-	-
Bell Coal Co. No. 4 Slope	DM Northumberland	430	4,540	367	4	5,341	c 2,100	-	230	4	-	-	-
D. & J. Coal Co. Zero Vein Slope	DM Northumberland	8,393	980	494	7	9,874	d 1,475	-	303	5	-	-	-
E. & T. Coal Co. No. 2 Slope	DM Northumberland	1,155	12,556	722	5	14,438	e 20,000	-	311	9	-	-	-
F. & M. Coal Co. No. 4 Slope	DM Northumberland	230	2,448	194	8	2,880	c 2,900	-	240	4	-	-	-
Garcia Coal Co. No. 4 Slope	DM Northumberland	405	4,301	344	10	5,060	c 1,500	-	163	7	-	-	-
H. & W. Coal Co. No. 1 Slope	DM Northumberland	-	-	13,835	-	13,835	f 5,000	-	260	7	-	-	1
K. & K. Coal Co. No. 5 Vein Rock Slope	DM Northumberland	-	-	426	-	426	g 450	-	284	2	-	-	-
Kerstetter Coal Co. Zero Vein Slope	DM Northumberland	920	1,640	-	10	2,570	h 775	-	128	3	-	-	-
Kulpmont Coal Co. No. 1 Slope *	DM Northumberland	100	-	250	-	350	c 200	-	45	3	-	-	-
L. & L. Coal Co. No. 2 Slope *	DM Northumberland	212	2,248	183	21	2,664	c 750	-	150	4	-	-	-
L. & M. Coal Co. Zero Vein Slope	DM Northumberland	459	4,873	394	7	5,733	c 2,150	-	304	5	-	-	-
L. & S. Coal Co. No. 5 Slope *	DM Northumberland	1,457	405	162	-	2,024	c 500	-	140	3	-	-	-
Lotus Coal Co. No. 3 Slope	DM Northumberland	2,412	335	603	-	3,350	i 1,225	250	285	3	-	-	-
M. G. & S. Coal Co. No. 4 Slope	DM Northumberland	235	2,493	187	18	2,933	c 450	-	219	3	-	-	-
Mattis Coal Co. No. 2 Slope *	DM Northumberland	-	-	1,600	-	1,600	j 660	-	160	3	-	-	-
Maurer Coal Co., Paul F. Zero Vein Slope	DM Northumberland	245	2,125	125	5	2,500	c 1,000	-	200	6	-	-	-
Mayton Bros. Coal Co. No. 9 Vein Slope	DM Northumberland	1,072	298	119	-	1,489	i 1,500	-	271	4	-	-	-
No. 1 Vein Coal Mine No. 1 Slope	DM Northumberland	633	6,725	538	16	7,912	c 4,725	-	302	5	-	-	-
No. 5 Vein Coal Co. No. 5 Slope *	DM Northumberland	-	-	1,155	-	1,155	g 500	-	88	5	-	-	-

		District 28 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	accidents	fatal	fatal
County		By railroad	By truck	to local trade	colliery for steam and heat	production	used					accidents	accidents
Nork Coal Co. No. 2 Slope *	DM Northumberland	-	-	1,362	-	1,362	j 500	-	120	3	-	-	-
P. & R. Coal Co. No. 5 Vein Rock Slope	DM Northumberland	1,460	-	760	4	2,224	h 900	-	218	3	-	-	-
Primrose Coal Co. No. 8 Vein Slope *	DM Northumberland	35	-	300	-	335	i 100	-	65	3	-	-	-
Slo-Burn Coal Co. No. 2 Slope	DM Northumberland	7,454	-	3,840	-	11,294	k 6,000	-	260	6	-	-	-
South Mountain Coal Co. No. 1 Slope *	DM Northumberland	833	-	480	9	1,322	l 500	-	65	4	-	-	-
Split Vein Coal Co. Trevorton Slope	DM Northumberland	-	8,582	339	-	8,921	m 4,800	-	253	4	-	-	-
Sunshine Coal Co. Sunshine Breaker	BP Northumberland	-	-	-	-	-	-	-	306	13	-	-	-
Twin Oaks Coal Co. No. 4 Slope	DM Northumberland	360	3,824	310	5	4,499	c 1,500	-	240	3	-	-	-
W. & S. Coal Co. Zero Vein Slope	DM Northumberland	3,540	984	385	-	4,909	c 2,800	-	238	4	-	-	-
Wehry Coal Co., Paul No. 5 Vein Rock Slope	DM Northumberland	-	-	2,242	-	2,242	g 1,200	-	205	2	-	-	-
West Cameron Coal Co. No. 2 Slope	DM Northumberland	-	-	13,635	-	13,635	n 6,500	-	298	5	-	-	-
District Total		40,471	71,032	52,207	129	163,839	81,185	250	235	157	-	-	1

NOTE: (a) All coal prepared at Carbon Run Breaker - District 24.
 (b) All coal prepared at Savitski Breaker - District 20.
 (c) All coal prepared at Sunshine Breaker.
 (d) 7,734 tons prepared at Ace Breaker - District 10
 2,140 tons prepared at Sunshine Breaker
 (e) 11,915 tons prepared at Sunshine Breaker
 333 tons prepared at Ace Breaker - District 10
 930 tons prepared at Bar Mac Breaker - District 24
 1,260 tons prepared at Latsha Breaker
 (f) All coal prepared at Swift Breaker - District 24.
 (g) All coal prepared at K. & D. Breaker - District 24.
 (h) All coal prepared at Diminick Breaker - District 24.
 * Ceased operations in 1966.

(i) All coal prepared at D. & Z. Breaker - District 24.
 (j) All coal prepared at Cains Breaker - District 29.
 (k) 5,182 tons prepared at Bar Mac Breaker - District 24
 6,112 tons prepared at C. & J. Breaker - District 20
 (l) All coal prepared at C. & J. Breaker - District 20.
 (m) All coal prepared at Split Vein Breaker - District 24.
 (n) 4,351 tons prepared at Swift Breaker - District 24
 9,284 tons shipped to Merck Chemical Co., Danville, Pa.

B - Breaker
 BP- Breaker Preparation Only.
 DM- Deep Mined
 W - Washery

		District 29 Production - net tons					Pounds	Pounds	Days	Empl-	Fatal	Non-
		Shipped to market	Sold to	Used at	Total	permis-	dynamite	worked	oves	acci-	fatal	
Operators and Collieries	County	By	local	colliery	production:	sible ex-	used			dents	acci-	
		By	to	for steam		posives					dents	
		railroad	truck:	and heat		used						
Cains Coal Co.	BP Northumberland	-	-	-	-	-	-	305	3	-	-	
Cains Breaker		-	-	-	-	-	-	-	-	-	-	
D. D. & Z. Coal Co.	DM Northumberland	-	41	-	41 a	25	-	10	3	-	-	
D.D.Z. Slope		-	-	-	-	-	-	-	-	-	-	
D.V.W. Coal Co.	DM Northumberland	-	600	-	600 b	400	-	70	3	-	-	
D.V.W. Drift		-	-	-	-	-	-	-	-	-	-	
G. & M. Coal Co.	DM Northumberland	-	684	-	684 c	300	-	65	3	-	-	
G. & M. Slope		-	-	-	-	-	-	-	-	-	-	
H. & B. Coal Co.	DM Northumberland	-	-	-	- d	175	50	13	2	-	-	
H. & B. Drift		-	-	-	-	-	-	-	-	-	-	
H.K.Z. Coal Co.	DM Northumberland	-	725	-	725 a	575	-	126	2	-	-	
H.K.Z. Slope		-	-	-	-	-	-	-	-	-	-	
K.H.N. Coal Co.	DM Northumberland	-	3,585	-	3,585 e	200	600	225	3	-	-	
No. 11 N.D. Slope		-	-	-	-	-	-	-	-	-	-	
Motto Partnership	DM Northumberland	-	1,920	-	1,920 a	1,500	-	250	2	-	-	
Motto Slope		-	-	-	-	-	-	-	-	-	-	
Pine Line Coal Co.	DM Northumberland	-	4,230	-	4,230 f	750	50	236	4	-	-	
Pine Line Drift		-	-	-	-	-	-	-	-	-	-	
Racho, George	Northumberland	50,387	-	-	50,387 g	-	-	128	4	-	-	
Luke Fidler Bank		-	-	-	-	-	-	-	-	-	-	
Ranshaw Transportation & Auto Wreckers Co.	Northumberland	-	23,631	-	23,631	-	-	106	6	-	-	
Luke Fidler Bank		-	-	-	-	-	-	300	2	-	-	
Ranshaw Washery	W Northumberland	-	-	-	-	-	-	-	8	-	-	
Total		-	23,631	-	23,631 h	-	-	-	-	-	-	
West Point Coal Co.	DM Northumberland	-	451	-	451 a	125	-	92	2	-	-	
West Point Slope		-	-	-	-	-	-	-	-	-	-	
Windsor Coal Co.	DM Northumberland	-	440	-	440 i	100	25	70	5	-	-	
Windsor Drift		-	-	-	-	-	-	-	-	-	-	
District Total		50,387	36,307	-	86,694	4,150	725	137	44	-	-	

NOTE: (a) All coal prepared at D. & Z. Breaker - District 24. (b) 120 tons prepared at Split Vein Breaker - District 24. (c) 480 tons prepared at K. & D. Breaker - District 24. (d) All coal prepared at Diminick Breaker - District 24. (e) No production. (f) All coal prepared at Swift Breaker - District 24. (g) All coal shipped unprepared to P.P. & L. Co. at Sunbury and Scranton, Pa. (h) All coal prepared at Ranshaw Washery. (i) 40 tons prepared at D. & Z. Breaker - District 24. 40 tons prepared at Ace Breaker - District 24. 360 tons shipped unprepared to Merck Chemical Co., Danville, Pa.

B - Breaker
BP - Breaker Preparation Only.
DM - Deep Mined
W - Washery

		District 30 Production - net tons					Pounds	Pounds	Days	Empl-	Fatal	Non-
		Shipped to market	Sold to	Used at	Total	permis-	dynamite	worked	oves	acci-	fatal	
Operators and Collieries	County	By	local	colliery	production:	sible ex-	used			dents	acci-	
		By	to	for steam		posives					dents	
		railroad	truck:	and heat		used						
Anthracite Fine Coals, Inc.	BP Schuylkill	-	-	-	-	-	-	238	19	-	-	
Donaldson Breaker		-	-	-	-	-	-	-	-	-	-	
B. & O. Coal Co.	DM Schuylkill	1,803	1,170	213	3,186 a	1,250	-	100	6	-	-	
No. 1 & No. 2 Slopes		-	-	-	-	-	-	-	-	-	-	
Bloch Brothers Coal Co.	DM Schuylkill	1,345	1,940	747	4,032 b	5,750	-	260	3	-	-	
No. 1 Slope		-	-	-	-	-	-	-	-	-	-	
Bowman & Coleman Coal Co.	DM Schuylkill	834	4,819	280	5,933 c	5,300	450	204	6	-	1	
No. 4 Slope		-	-	-	-	-	-	-	-	-	-	
Colket Coal Co.	DM Schuylkill	5,507	3,685	163	9,355 d	5,200	-	280	4	-	-	
No. 2 Slope		-	-	-	-	-	-	-	-	-	-	
D.U.K. Coal Co.	DM Schuylkill	141	92	3	236 e	150	-	57	3	-	-	
Diamond Slope		-	-	-	-	-	-	-	-	-	-	
Emerich, William G.	Lebanon	-	31	-	31	-	-	2	1	-	-	
Emerich Bank	W Lebanon	-	-	-	-	-	-	-	-	-	-	
Emerich Washery		-	31	-	31 f	-	-	-	1	-	-	
Total		-	31	-	31	-	-	-	-	-	-	
Faust Coal Co.	DM Schuylkill	93	147	32	272 g	150	-	18	3	-	-	
Tracy Slope		-	-	-	-	-	-	-	-	-	-	
Franklin Coal Co.	BP Schuylkill	-	-	-	-	-	-	170	10	-	-	
Franklin Hydrated Breaker		-	-	-	-	-	-	-	-	-	-	
G. & T. Coal Co.	DM Schuylkill	6,856	4,464	184	11,504 e h	1,500	-	217	4	-	-	
No. 2 Slope		-	-	-	-	-	-	-	-	-	-	
H. & S. Coal Co.	DM Schuylkill	1,040	6,146	839	8,031 i	4,500	-	242	4	-	-	
No. 1 Slope		-	-	-	-	-	-	-	-	-	-	
Haldeman Coal Co.	DM Schuylkill	670	5,576	1,091	7,343 j	2,450	-	285	4	-	-	
Diamond Slope		-	-	-	-	-	-	-	-	-	-	
Herb & Reed Coal Co.	DM Schuylkill	3,100	5,844	11,387	20,395 k	10,400	-	251	9	-	-	
Diamond Slope		-	-	-	-	-	-	-	-	-	-	
Kimme Brothers Coal Co.	DM Schuylkill	34	53	40	127 l	50	-	18	4	-	-	
Buck Mountain No. 2 Slope		-	-	-	-	-	-	-	-	-	-	
Knorr Coal Co.	DM Schuylkill	310	1,532	260	2,104 m	700	-	90	3	-	-	
No. 1 Slope		-	-	-	-	-	-	-	-	-	-	
Koch, Joseph	BP Schuylkill	-	-	-	-	-	-	228	3	-	-	
Koch's Breaker	DM Schuylkill	75	49	2	126 n	-	-	-	-	-	-	
Koch's Bank		-	-	-	-	-	-	-	-	-	-	
Total		75	49	2	126	-	-	-	3	-	-	
Mercury Coal Co., Inc.	DM Schuylkill	15,606	47,817	6,611	70,076	47,900	-	296	40	-	18	
No. 4 Slope		-	-	-	-	-	-	-	-	-	-	

		District 30 Production - net tons				Pounds				Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	permis-		Pounds dynamite used	Days worked	Empl- oves	Fatal	fatal
		By railroad	By truck	to local trade	to colliery for steam and heat	Total production	sible explosives used				acci-	acci-
Mercury Coal Co., Inc. (Continued)												
Primrose Slopes	DM Schuylkill	7,568	22,036	5,611	56	35,271	18,100	-	253	20	-	1
Total		23,174	69,853	12,222	98	105,347	66,000	-	-	60	-	19
Oakwood Coal Co., Inc.												
Oakwood Breaker	BP Schuylkill	-	-	-	-	-	-	-	283	9	-	-
Penag Coal Co.												
Penag Breaker	B Schuylkill	-	-	-	-	-	-	-	193	13	-	2
Penag Colliery	DM Schuylkill	5,172	2,010	48,940	-	56,122	21,800	-	193	68	-	11
Total		5,172	2,010	48,940	-	56,122	21,800	-	-	81	-	13
Potts Contracting Co., Allen												
Potts Breaker	BP Schuylkill	-	-	-	-	-	-	-	5	2	-	-
Schneck Coal Co., Thomas W.												
Schneck Breaker	BP Schuylkill	-	-	-	-	-	-	-	303	6	-	-
Weihrach's, Frank												
Buck Mountain Slope	DM Schuylkill	-	71	15	-	86	25	-	33	1	-	-
District Total		50,154	107,482	76,418	176	234,230	125,225	450	222	245	-	33

- NOTE: (a) 2,997 tons prepared at Donaldson Breaker
 189 tons prepared at Penag Breaker
 Ceased operations in May, 1966.
- (b) 2,009 tons prepared at Donaldson Breaker
 2,011 tons prepared at D. & Z. Breaker - District 24
 12 tons prepared at Kocher Breaker - District 16
- (c) 1,030 tons prepared at Donaldson Breaker
 2,440 tons prepared at Superior Breaker - District 16
 1,879 tons sold unprepared to J. & C. Sales - District 16
 584 tons sold unprepared to George Fronk - District 12
- (d) 9,240 tons prepared at Donaldson Breaker
 115 tons prepared at Oakwood Breaker
- (e) All coal prepared at Donaldson Breaker
- (f) All coal prepared at Emerich Washery.
- (g) 102 tons prepared at Tremont Breaker - District 21
 156 tons prepared at Donaldson Breaker
 14 tons prepared at Koch's Breaker
 Ceased operations in January, 1966.
- (h) Ceased operations in September, 1966.
- (i) 6,286 tons prepared at Oakwood Breaker
 1,745 tons prepared at Donaldson Breaker
- (j) 5,992 tons prepared at Koch's Breaker
 201 tons prepared at Tremont Breaker - District 21
 1,125 tons prepared at Donaldson Breaker
 25 tons prepared at Oakwood Breaker
- (k) 5,710 tons prepared at Swatara Breaker - District 21
 9,311 tons prepared at Underkoffler Breaker - District 12
 3,248 tons prepared at D. & Z. Breaker - District 24
 225 tons prepared at Kerrigan Breaker - District 12
 1,901 tons prepared at Legal Breaker - District 16
- (l) 13 tons prepared at Donaldson Breaker
 114 tons prepared at Black Heath Breaker - District 19
- (m) 197 tons prepared at Kocher Breaker - District 16
 1,014 tons prepared at Koch's Breaker
 455 tons prepared at Oakwood Breaker
 438 tons prepared at Donaldson Breaker
- (n) 126 tons silt bank material prepared at Donaldson Breaker
- (o) 48,953 tons prepared at Kocher Breaker - District 16
 7,179 tons prepared at D. & Z. Breaker - District 24
 1,345 tons sold unprepared to Kocher Crusher - Dist. 16
 38,539 tons prepared at Superior Breaker - Dist. 16

		District 30 Production - net tons				Pounds				Non-		
Operators and Collieries	County	Shipped to market		Sold	Used at	permis-		Pounds dynamite used	Days worked	Empl- oves	Fatal	fatal
		By railroad	By truck	to local trade	to colliery for steam and heat	Total production	sible explosives used				acci-	acci-
NOTE: (o) 3,026 tons prepared at Dorenzo Breaker - District 19												
6,305 tons prepared at Donaldson Breaker												
Jewell Ridge Coal Co. operated Primrose Slopes and produced 28,794 tons, worked 153 days, 27 men, 1 non-fatal accident, used 13,300 pounds of explosives.												
Changed to Mercury Coal Co., Inc. in September, 1966.												
(p) 55,993 tons prepared at Penag Breaker												
129 tons prepared at Donaldson Breaker												
(q) All coal prepared at Koch's Breaker												
B - Breaker												
BP - Breaker Preparation Only.												
DM - Deep Mined												
W - Washery												

OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF MINES AND MINERAL INDUSTRIESWILDCAT WELLS - REPORTED PRODUCTIVE

- JEF-426 An extension of the Elk Run Pool was discovered on April 26, 1966, in the George Harper No. 1 Well, of J. & J. Enterprises, Inc., in Perry Township, Jefferson County. Initial production was reported as being 11,300 MCF, natural, with a rock pressure reported at 3960 psig, deadweight, in 48 hours plus. Total depth is 7390 feet, with top of the Oriskany shown at 7284 feet. Closest production in the Elk Run Pool was about a mile and a half to the northwest.
- JEF-434 J. & J. Enterprises, Inc. discovered gas in the Dee Sutter No. 1 Well, in Perry Township, Jefferson County, June 7, 1966, the well showing an initial open flow, natural, of 186 MCF per day. After fracture, the well was tested, June 22nd, and an open flow of 6,288 MCF per day was gauged, with a rock pressure of 3985 psig in 71 hours. The well is located almost two miles southwest of production in the Elk Run Pool. Total depth is 7165 feet. The Oriskany Sandstone is shown in the log at 7120 to 7140 feet.
- SOM-34 Peoples Natural Gas Company brought in their A. A. Dupree Estate Well No. 1, August 3, 1966, for an initial daily open flow of 1,212 MCF per day, natural, increasing to 5,000 MCF, after fracture. Rock pressure was reported as 3320 psig in 144 hours. The well is in Middle Creek Township, Somerset County, about three miles southwest of nearest production in the Koozer Pool. Production is reported to be from both the Chert and Oriskany, total depth being 8205 feet.
- WES-473 On November 11, 1966, Fox, Coen and Sloan completed the F. M. Sloan No. 1 Well, on the Scaif Unit, in the area controlled by Spacing Order No. 5, for the Murrys ville Pool. Located in Franklin Township, Westmoreland County, the well showed no production until the well was fractured, when 300,000 cubic feet was reported as initial open flow. Rock pressure was reported as 3100 psig, after seven days. The well is located about 1.4 mile southwest of the discovery well in the Murrys-ville Pool, which is also a small producer.

DIRECTORY

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

Zip Area
Code Code Phone No.

EXECUTIVE OFFICE

Dr. H. Beecher Charnbury Secretary	Towne House Apt. 660 Boas Street	Harrisburg	17102	717	787-4686 787-4687 787-4688
Home:	222 E. Irvin Ave.	State College	16801	814	237-4726
Mrs. M. B. Gutshall Ex. Deputy Secretary	Towne House Apt. 660 Boas Street	Harrisburg	17102	717	787-4686 787-4687 787-4688
Home:	2958 Lincoln Street	Camp Hill	17011	717	737-9895
Ralph Lambert Chief Mng. Engineer	Towne House Apt. 3330 Highland Street	Harrisburg Allentown	17102 18104	717 215	787-4805 395-4585
Leon Ehrlich Deputy Atty. Gen.	Towne House Apt. 146 No. Sixth Street	Harrisburg Reading	17102 19601	717 215	787-5054 376-1525
Home:	1114 Reading Blvd.	Wycamising	19610	215	376-5829
John W. Blakely Infor. Specialist	Towne House Apt. 580 Rupley Road	Harrisburg Camp Hill	17102 17011	717	787-4617 232-0330
C. J. Goetz Personnel Supervisor	Towne House Apt.	Harrisburg	17102	717	787-5415
Joseph Unitis Budget Analyst	Towne House Apt.	Harrisburg	17102	717	787-5485
Nick Laukaitis Procurement Officer	Towne House Apt.	Harrisburg	17102	717	787-3197
Catherine Miles Statistical Supervisor	Towne House Apt.	Harrisburg	17102	717	787-4876

BUREAU OF RESEARCH AND DEVELOPMENT

Dr. David R. Maneval Director	Towne House Apt. 1867 North Oak Lane	Harrisburg State College	17102 16801	717 814	787-5104 238-0977
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APPALACHIA PROGRAM

Carl Peterson Director	Towne House Apt. 153 Maple Avenue	Harrisburg Hershey	17102 17033	717	787-4345 533-9037
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COAL MINE SUBSIDENCE INSURANCE FUND

Chester Gormley Director	Towne House Apt. 3644 Brisban Street	Harrisburg Harrisburg	17102 17111	717	787-5565 564-2777
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OIL AND GAS CONSERVATION COMMISSION

Robert J. Hartman Secretary	Rm. 506, Benedum Trees Bldg. 223 Fourth Avenue	Pittsburgh	15215	412	565-5392
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OIL AND GAS DIVISION

W. Roy Cunningham Deputy Secretary	1205 State Office Building 300 Liberty Avenue	Pittsburgh	15222	412	565-5075 565-5076
Home:	919 Harlan Avenue	Johnstown	15905	814	299-2812

Oil and Gas Inspectors

Dis- trict					
1	Chas. C. Songer	P. O. Box 277	Pittsfield	16340	814 563-7853
2	Howard W. Martin	321 No. Eighth Street	Indiana	15701	412 463-0590
3	Chas. E. Baldwin	P. O. Box 26	Washington	15301	412 222-3295
4	Wm. J. Burns, Jr.	335 No. Barnett Street	Brookville	15825	814 819-2445
5	Chas. F. Straub	408 N. Main St., Box 144	Coudersport	16915	814 274-8840
6	Richard F. Walther	630 Southview Drive	Pittsburgh	15226	412 563-3656
7	Wm. E. Sleeman	R. D. 5	Butler	16001	412 287-1210

ANTHRACITE DIVISION

Gordon E. Smith Deputy Secretary	Motor Contracts Corp. Bldg. Rm. 2A - 108 S. Claude A. Lord Boulevard	Pottsville	17901	717	622-1110
Home:	161 Avenue "C"	Schuylkill Haven	17972	717	385-0023
H. R. Reese, Director	Motor Contracts Corp. Bldg. R. D. 1, Box 146	Pottsville Elysburg	17901 17824	717	622-1110 672-2853
Rodger J. Howell, Director	90 East Union Street	Wilkes-Barre	18701	717	822-9150
Bureau of Engineering	417 W. Atherton Avenue	Taylor	18517	717	562-1660

Anthracite Conservation and Reclamation

Wesley I. Stonebraker Director	Motor Contracts Corp. Bldg. Hbg. Office: Towne House Apts. 3117 Yale Avenue	Pottsville Harrisburg Camp Hill	17901 17102 17011	717	622-1110 717 787-5548 761-1751
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Coal Mine Subsidence Insurance Fund

Harold Alleman Manager	90 East Union Street	Wilkes-Barre	18701	717	824-9871
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Anthracite Mine Inspectors*

Dis- trict					
1	T. M. Beaney **	366 Monument Avenue	Wyoming	18644	717 693-0222
2	R. O. Schneider **	216 N. Ninth Street	Ashland	17921	717 875-1861
3	J. R. Ruane **	928 N. Washington Street	Shamokin	17872	717 648-0262
4	Walter Davis **	1900 West End Avenue	Pottsville	17901	717 622-4107
10	W. A. Sanders	R. D. 2	Dalton	18011	717 563-1945
11	G. F. Kettle	1318 Wyoming Avenue	Forty Fort	18704	717 288-6351
12	G. R. Sterling	Community Square	Buck Run	17926	717 544-5262
13	W. R. Devens	38 Butler Street	Forty Fort	18704	717 287-4576
15	A. A. Joyce	317 S. Maple Street	Mt. Carmel	17851	717 339-0514
16	F. C. O'Connor	R. D. 2, Box 370	Pottsville	17901	717 544-2573
17	C. E. Kashner	904 W. Spruce Street	Shamokin	17872	717 648-3792
18	J. J. Shober, Jr.	64 E. Railroad Street	Nesquehoning	18240	717 669-6048
19	A. J. Latz	9 W. Phillips Street	Coaldale	18218	717 645-5727
20	J. A. Bugel	336 Columbia Avenue	Atlas	17811	717 339-1103
21	G. E. Miller		Muir	17957	717 647-9239
23	G. P. Gallagher	103 E. Arch Street	Shamokin	17872	717 648-3887
24	A. E. Hand		Hegins	17938	717 682-3284
26	P. P. Hino	108 E. Mahanoy Street	Mahanoy City	17948	717 773-3694
28	Leon Brass	107 S. Walnut Street	Mt. Carmel	17851	717 339-4152
29	H. R. Reese	R. D. 1, Box 146	Elysburg	17824	717 672-2853
30	W. D. Maurer	25 Vaux Avenue	Tremont	17981	717 695-3672

Electrical Inspector

Michael Polinko	1211 Chestnut Street	Kilpmont	17834	717	373-9449
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* Revised as of April 15, 1967.
** Anthracite Strip Mine Inspectors.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF MINES AND MINERAL INDUSTRIES
ANTHRACITE DIVISION
Breakers, Washeries and Preparation Plants

Dis- trict	Preparation Plant	Company	Location	Zip Code
10	Ace Breaker	Ace Coal Co.	Blakley	18512
10	Ace Cleaning Plant	Ace Anthracite, Inc.	Blakley	18512
24	Ace Coal Sales	Ace Coal Sales	Weigh Scale	17872
20	Atlas Washery	Bridy, Incorporated	Atlas	17811
18	B. & N. Breaker	B. & N. Coal Co.	Schuylkill Haven	17972
24	Bar Mac Breaker	Bar Mac Coal Co., Inc.	Weigh Scale	17872
15	Beaver Brook Breaker	Beaver Brook Coal Co., Inc.	Hazle Township	18704
15	Beaver Brook Fine Coal Plant	Huss, George	Hazle Township	18704
19	Beechwood Cleaner Plant	Reading Anthracite Co.	Duncott	17901
13	Bel Air Breaker	Bel Air Coal Co.	Duryea	18642
15	Big Buck Breaker	Big Buck Coal Co.	Freeland	18224
19	Black Heath Breaker	Phoenix Contracting Co.	Cressona	17929
26	Blaschak Breaker	Blaschak Coal Co.	Saint Nicholas	17948
1	Bliss Crushing Plant	Bliss Coal Co.	Mildred	18632
18	Bliss Washery	Bliss & Son, Inc., R. T.	Nesquehoning R.D. 1	18240
10	Bolands Breaker	DeAngelis, Inc.	Carbondale	18407
1	Booth Cleaning Plant	E. & B. Coal Sales	Mildred	18632
18	Brockton Breaker	R. & R. Coal Co.	Brockton	17925
20	C. & J. Breaker	C. & J. Coal Co.	Atlas	17811
29	Cains Breaker	Cains Coal Co.	Shamokin	17872
15	Candleton Washery	Coleby Coal Co., Inc.	Gilberton	17934
24	Carbon Run Breaker	Rosini Coal Co.	South Shamokin	17872
24	D. & Z. Breaker	D. & Z. Coal Co.	Weigh Scale	17872
24	Diminick Breaker	Diminick Coal Sales	Paxinos	17860
19	DiRenzo Breaker	DiRenzo Coal Co.	Minersville	17954
30	Donaldson Breaker	Anthracite Fine Coals, Inc.	Donaldson	17981
13	Dorrance Breaker	Lehigh Valley Anthracite, Inc.	Wilkes-Barre	18704
18	East Penn Breaker	East Penn Fine Coal, Inc.	Brockton	17925
15	Eckley Breaker	Buckley Coal Corp.	Ringtown	17967
30	Emerich Washery	Emerich, William G.	Ono	17077
26	Englewood Breaker	Englewood Coal Co.	Frackville	17931
19	Forestville Washery	Manbeck Dredging Co., Inc.	Forestville	16035
13	Franklin Cleaning Plant	Lehigh Valley Anthracite, Inc.	Wilkes-Barre	18701
12	Fronk Coal Sales Ramp	Fronk, George	Lykens	17048
13	Harry E. Breaker	Lehigh Valley Anthracite, Inc.	Swoyersville	18701
15	Fine Coal Washery	Ginther Coal Co.	Hazleton	18201
30	Franklin Hydrotated Breaker	Franklin Coal Co.	Ravine	17966
26	Gilberton Breaker	Gilberton Coal Co.	Gilberton	17934
26	Gilberton Fine Coal Plant	Gilberton Coal Co.	Mahanoy Township	17948
24	Glen Burn Breaker	Glen Burn Colliery, Inc.	Shamokin	17872
11	Glen Lyon Breaker	Susquehanna Coal Co.	Glen Lyon	18617
19	Glenn Worth Breaker	Glenn Worth Coal Co.	Cressona	17929
24	Glosek Breaker	Glosek Bros. Coal Sales	Weigh Scale	17872
15	Gowen Breaker	Gowen Coal Co.	Fern Glen	18241
18	Greenwood Breaker	Greenwood Mining Co.	Rahns Township	19425
15	Greybosh Breaker	Greybosh Coal Co.	Hazleton	18201
17	H. J. & H. Breaker	H. J. & H. Coal Co.	Trevorton	17881
15	Hazleton Shaft Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
15	Hazleton Shaft Cleaning Plant	Lehigh Valley Anthracite, Inc.	Hazleton	18201
15	Highland No. 5 Breaker	Jeddo-Highland Coal Co.	Foster Township	18642
21	Hillside Breaker	Hegins Mining Co.	Zerbe	17984
15	Honeybrook Breaker	Honeybrook Mines, Inc.	Audenried	18213
15	Honeybrook Breaker	Archer Coal Co. *	Audenried	18213
24	Hoover Breaker	Hoover Mining Co.	Paxinos	17860
13	Huber Breaker	Blue Coal Corporation	Ashley	18706
16	J. & C. Coal Sales	J. & C. Coal Co.	Valley View	17983
18	J. & E. Breaker	J. & E. Coal Co.	South Tamaqua	18252
15	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	Hazle Township	18704
24	K. & D. Breaker	K. & D. Coal Co.	Weigh Scale	17872
18	K. M. & F. Breaker	K. M. & F. Coal Service	Middleport	17953
19	K. & P. Breaker	K. & P. Coal Co.	Minersville	17954
18	Kaska Breaker	Film Coal Co., Inc.	Middleport	17953
13	Kassa Breaker	Silverbrook Anthracite, Inc.	Laflin	18640

Dis- trict	Preparation Plant	Company	Location	Zip Code
16	Keffers Breaker	Keffers Coal Co.	Valley View	17983
12	Kerrigan Breaker	Kerrigan Coal Co.	Williamstown	17098
30	Koch's Breaker	Koch's Coal Co.	Ravine, Box 3	17966
16	Kocher Breaker	Kocher Coal Co., Leon E.	Valley View	17983
15	Lion Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
19	Live Oak Breaker	Live Oak Coal Co.	Primrose	17954
16	Legal Breaker	Legal Coal Co.	Valley View	17983
23	Locust Summit Breaker	Reading Anthracite Co.	Locust Gap	17840
11	Loomis Breaker	Lehigh Valley Anthracite, Inc.	Hanover Township	18702
13	Loree Breaker	Blue Coal Corporation	Larksville	18706
24	Lower Region Washery	Lower Region Colliery	Trevorton	17881
19	Lowland Washery	Manbeck Dredging Co., Inc.	Landingville	17942
26	Malho Breaker	Malho Coal Co.	Lavelle	17943
26	Mammoth Breaker	Lehigh Valley Anthracite, Inc.	Raven Run	17946
26	Maple Hill Cleaner Plant	Reading Anthracite Co.	Maple Hill	17976
19	Maple Spring Breaker	C.L.S. Coal Co.	Branch Dale	17923
19	Marlin Breaker	Cass Contracting Co.	Marlin	17951
10	Matisko Cleaning Plant	Matisko Coal Co.	Forest City	18421
15	Mazaika Breaker	Mazaika Coal Co.	Tamaqua R.D. 2	18252
12	Meadowbrook Washery	Meadowbrook Coal Co.	Lykens	17048
26	Midvalley Fine Coal Plant	Jeddo-Highland Coal Co.	Wilburton	17888
19	Minersville Breaker	Minersville Coal Co.	Minersville	17954
26	Morea Breaker	Lehigh Valley Anthracite, Inc.	Morea	17955
26	Mount Hazle Breaker	Locust Valley Coal Co.	Mahanoy Township	17958
18	Mountain Side Breaker	Mountain Side Coal Co.	South Tamaqua	18252
18	Nesquehoning Cleaning Plant	Correale Construction Co.	Nesquehoning	18240
18	New Philadelphia Washery	Sunbury Co., Inc., The	New Philadelphia	17959
19	New St. Nicholas Breaker	Reading Anthracite Co.	Duncott	17901
19	New St. Nicholas Fine Coal Plant	Reading Anthracite Co.	Duncott	17901
18	No. 6 Washery	Manbeck Dredging Co., Inc.	Lansford	18232
24	North Line Breaker	Steam Coals, Inc.	South Shamokin	17872
30	Oakwood Breaker	Oakwood Coal Co.	Ravine	17966
19	Old Mill Breaker	Old Mill Coal Yard	Llewellyn	17944
19	Olenick Breaker	Olenick Brothers Coal Co.	Floresville	16035
10	Olyphant Cleaning Plant	Olyphant Fuel Co., Inc.	Dickson City	18519
13	O'Toole Cleaning Plant	O'Toole, John F.	Mosic	18505
30	Penag Breaker	Penag Coal Co.	Good Spring	17981
12	Penbrook Breaker	Penbrook Coal Co.	Archbald	18403
18	Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen	17978
18	Pine Forest Cleaner Plant	Reading Anthracite Co.	St. Clair	17970
10	Pompey Breaker	Pompey Coal Co.	Jessup	18434
30	Potts Breaker	Potts Contracting Co.	Pine Grove R.D. 3	17963
13	Prospect Cleaning Plant	Lehigh Valley Anthracite, Inc.	Plains Township	18705
18	R. & R. Washery	R. & R. Coal Co.	Lehighton R.D. 2	18235
18	Randolph Washery	Randolph Coal Co.	Port Carbon	17965
24	Ranshaw Washery	Ranshaw Transportation & Auto Wreckers Co.	Ranshaw, Box 5	17866
10	Raymond Breaker	Northwest Mining Co., Inc.	Eynon	18418
26	Reichwein & Beury Breaker	Reichwein & Beury Coal Co.	Ashland	17921
24	Reidinger Breaker	Reidinger Coal Service, Inc.	Paxinos	17860
26	Rosa Breaker	Capparell Coal Co.	Shenandoah	17976
26	St. Nicholas Fine Coal Plant	Reading Anthracite Co.	Saint Nicholas	17948
18	Salem Creek Breaker	Lehigh Valley Anthracite, Inc.	Pottsville	17901
20	Savitski Breaker	Savitski Brothers Coal Sales	Atlas	17811
30	Schneck Breaker	Schneck Coal Co., Thomas W.	Pine Grove R.D. 1	17963
12	Shomper Breaker	Shomper Coal Co.	Tower City	17980
18	Silver Creek Breaker	Silver Creek Coal Co., Inc.	New Philadelphia	17959
26	Skytop Breaker	Skytop Coal Co.	Mahanoy Township	17908
18	South Tamaqua Breaker	South Tamaqua Coal Pockets	South Tamaqua	18252
24	Split Vein Breaker	Split Vein Coal Co.	Weigh Scale	17872
18	Spring Creek Breaker	Spring Creek Coal Co.	South Tamaqua	18252
26	Starwood Breaker	Starwood Coal Corporation	New Boston	17958
20	State Washery	State Coal Co., Inc.	Strong	17879
12	Stonehill Breaker	Stonehill Coal Co.	Loyalton	17046
12	Strohecker Breaker	Strohecker Coal Co.	Elizabethville R.D.	17023
15	Superior Breaker	Superior Coal Co.	Valley View	17983
28	Sunshine Breaker	Sunshine Coal Co.	Trevorton	17881
21	Swatara Breaker	Swatara Coal Co.	Zerbe	17984
24	Swift Breaker	Swift Coal Sales	Paxinos	17860
13	Taylor Breaker	Moffat Premium Anthracite, Inc.	Taylor	18517
15	Tedesco Breaker	Tedesco Coal Co., Inc.	Pardeesville	18243
21	Tremont Breaker	Tremont Anthracite Co.	Tremont	17981

Dis- trict	Preparation Plant	Company	Location	Zip Code
17	Trevorton Breaker	Trevorton Anthracite Co.	Trevorton	17881
12	Underkoffler Breaker	Underkoffler Coal Service	Lykens	17048
15	Valley Breaker	Valley Coal Co.	Tamaqua R.D. 2	18252
10	Maddell Breaker	Waddell Coal Mining Co., Inc.	Winton (Jessup)	18434
18	Walton Breaker	Walton, John	Schuylkill Haven	17972
15	Wesner Breaker	Wesner Coal Co.	Tamaqua R.D. 2	18252

NOTE: * Honeybrook Breaker is operating on a second shift by Archer Coal Co. and on the first shift by Honeybrook Mines, Inc.
 © Keffers Breaker was destroyed by fire March 20, 1966.

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF MINES AND MINERAL INDUSTRIES
 ANTHRACITE OPERATORS - YEAR 1966

Dis- trict	Operator	General Manager	Address	Zip Code
20	A-B Coal Co. DM	A. Boscolovich	209 S. Diamond St.	Shamokin 17872
18	A. & D. Coal Co. DM	A. Androkitis	310 Elizabeth St.	Tamaqua 18252
26	A.D. & G. Coal Co. DM	J. Alameda	P.O. Box 293	Mt. Carmel 17851
12	A. & P. Coal Co. DM	Joseph Reho	130 W. Broad St.	Williamstown 17098
12	A. & J. Coal Co. DM	A. Drebitko	West West Terrace	Pottsville 17901
20	A. T. & D. Coal Co. DM	Cyril Doyle	405 N. Market St.	Mt. Carmel 17851
10	Ace Anthracite, Inc. B bk	J. Pasternak	733 S. Main St.	Taylor 18517
10	Ace Coal Co. B	L. Simoncelli	300 Main St.	Blakely 18512
24	Ace Coal Sales BP	Walter Mudry	1349 Chestnut St.	Kulpmont 17851
12	Acme Coal Co. DM	Joseph Reho	130 W. Broad St.	Williamstown 17098
15	Ajax Coal Co. DM	John Riley	Box 342	Mahanoy City 17948
28	Alarcon Coal Co. DM	Frank Alarcon	403 Melrose St.	Keiser 17832
26	Alessi Coal Co. DM	Natale Alessi	722 E. Railroad St.	Mahanoy City 17948
26	Aljac Coal Co., Inc. DM	Walter Sherkness	14 S. Main St.	Mahanoy City 17948
19	Allen Mining Co. DM	John Stranko	19 S. 21st St.	Pottsville 17901
23	Al Mar Coal Co. DM	Albert Dietz	436 W. Third St.	Mt. Carmel 17851
1	Altieri & Benzeleski S	John Vitali	434 Phelps St.	Scranton 18509
20	Amarose Brothers Coal Co. DM	Louis Amarose	335 E. Saylor St.	Atlas 17811
16	Anspach & Umbenhauer Co. DM	Fred Anspach	R. D. 2	Pine Grove 17963
4-21-30	Anthracite Fine Coals, Inc. S DM BP	Robert E. Doeblner		Tremont 17981
15	Archer Coal Co. BP bk	G. M. Seiler	109 E. First St.	Hazleton 18201
26	Ashland Community Enterprises DM	E. R. Ermert	702 Center St.	Ashland 17921
15	Audenried Mines, Inc. DM	Andrew Brazzo	New Coxeville Rd.	Beaver Meadows 18216
23	B. & B. Coal Co. DM	N. Anascavage	934 Tharp St.	Shamokin 17872
20	B. & B. Coal Co. DM	A. Bielarski	37 Big Mine Run	Ashland 17921
28	B. & B. Coal Co. DM	Frank Bazella	540 W. Third St.	Mt. Carmel 17851
16	B. B. & F. Coal Co. DM	Claude Breidigan	R. D. 2	Pine Grove 17963
16	B. & C. Coal Co. DM	Willard Clark		Valley View 17983
17	B. & E. Coal Co. DM	David Ernest	643 Center St.	Shamokin 17872
21	B. & H. Coal Co. DM	James Bender	R. D. 3	Pine Grove 17963
19	B. H. & L. Partnership DM	George Honyara	P. O. Box 264	Minersville 17954
28	B. K. & P. Coal Co. DM	John Patrilak	324 Melrose St.	Keiser 17832
19	B. & M. Coal Co. DM	John Bombar	127 S. Street	Minersville 17954
16	B. & M. Coal Co. DM	Wayne Moyer		Valley View 17983
18	B. & N. Coal Co. BP	Daniel Koury	1038 Laurel St.	Pottsville 18452
26	B. & N. Coal Co. DM	Chester Nork		Shaft 17975
30	B. & O. Coal Co. DM	Charles Ressler	R. D. 2	Hegins 17938
12	B. & P. Coal Co. DM	W. D. Showers	W. Market Street	Williamstown 17098
23	B. & S. Coal Co. DM	Leo Blascovich	1124 W. Montgomery	Shamokin 17872
17	Bank Coal Co. DM	Harold Weikel	24 S. Sixth Street	Shamokin 17872
24	Bar-Mac Coal Co., Inc. BP	Charles Greco	P. O. Box 412	Mt. Carmel 17851
11-13	Bartoli Construction Co., Gene bk	Eugene Bartoli	559 E. Northampton	Wilkes-Barre 18702
4	Bear Gap Stripping Co., Inc. S	G. W. Tallman	P. O. Box 86	Lykens 17048
18	Bear Ridge Coal Co. DM	Peter Smertsky	125 N. 4th Street	Frackville 17931
15	Beaverbrook Coal Co., Inc. BP	George Huss	W. Main Street	Ringtown 17967
13	Bel Air Coal Co. B	Bert Andrews	P. O. Box 36	Duryea 18642
4	Bell Coal Co. S	A. Kovalchick	P. O. Box 251	Brockton 17925
28	Bell Coal Co. DM	Michael Stasick	551 Market Street	Trevorton 17881
4-18	Bernitsky Brothers Coal Co. S	J. J. Bernitsky	17 Water Street	New Phila. 17959
18	Bernitsky & Stenulis Part. DM	George Stenulis	17 Water Street	New Phila. 17959
15	Big Buck Coal Co. BP	Edward Kalinovich	37 Main Street	Freeland 18224
19	Big Hill Coal Co. DM	Joseph Zukowski		Minersville 17954
16	Bixler Coal Co. DM	Herman Bixler		Valley View 17983
3-26	Blaschak Brothers Coal Co. B S DM	Walter Blaschak	St. Nicholas	Mahanoy City 17948
1	Bliss Coal Co. S	Carl Bliss	P. O. Box 345	Mildred 18632
18	Bliss & Son, Inc., R.T. bk	R. T. Bliss, Jr.	35 E. Center St.	Nesquehoning 18240
30	Bloch Brothers Coal Co. DM	Harold Bloch	R. D. 2	Hegins 17938
4	Blue Bell Enterprises, Inc. S	J. W. Butcavage	720 Lytle Street	Minersville 17954
1-10-11-				
13-15	Blue Coal Corporation S B DM bk	H. W. Traher	101 S. Main Street	Ashley 18706
12	Blyler Coal Co., Glen DM	Glen Blyler		Williamstown 17098

Dis- trict	Operator	General Manager	Address	Zip Code
19	Bosack Coal Co. DM	Frank Bosack, Jr.	R. D. 2, Box 788	Pottsville 17901
26	Botella Coal Co. bk	J. J. Botello	117 William Street	Girardville 17935
18	Bottom Split Coal Co. DM	Ray Swilp	R. D. 2	Tamaqua 18252
30	Bowman & Coleman Coal Co. DM	Henry Bowman		Sacramento 17968
18	Broad Mountain Coal Co. DM	Joseph Swilp	476 W. Frack St.	Frackville 17931
20	Bridy Coal Co. DM	Gilbert Bridy	P.O. Box 195 1/2 RD 1	Shamokin 17872
3-20	Bridy, Incorporated S W	Edward Bridy	237 W. Girard St.	Atlas 17811
23	Bridy, Victor DM	Victor Bridy	1475 Poplar Street	Kulpmont 17834
26	Brokenshire & Co. DM	G. Brokenshire	R. D.	Mahanoy City 17948
2	Brooks Contracting Corp. S	George Racho	127 W. Noble Street	Hazleton 18201
17	Bruno & Peifer Coal Co. DM	John Bruno	811 Market Street	Trevorton 17881
18	Bubel Coal Co. DM	Michael Bubel	P. O. Box 129	Brockton 17925
3	Buck Coal Co. S	John E. Miller	427 West Avenue	Mt. Carmel 17851
21	Buck Coal Co. DM	John Gurski	P. O. Box 153-A	Pottsville 17901
15	Buckley Coal Corp. BP	Charles Raabe	R. D. 2	Ringtown 17967
20	Burnrite Coal Co. DM	Joseph Zukus	557 W. Girard St.	Atlas 17811
16	Bush Coal Co. DM	Earl Bush	R. D. 1	Tower City 17980
1-13	C.B.M. Coal Co. S bk	Eugene Bartoli	559 E. Northampton	Wilkes-Barre 18702
20	C. & J. Coal Co. B	Joseph F. Greco	P. O. Box 412	Mt. Carmel 17851
4-19	C.L.S. Coal Co. S BP	D. J. Roderick	172 S. Wyoming St.	Hazleton 18201
19	C. & P. Coal Co. DM	A. Chukusky	233 N. Broad Mt. Ave.	Frackville 17931
1-13	C. & S. Excavating Co. S bk	Peter Corrozzi	101 E. Drinker St.	Dunmore 18512
20	Cains Coal Co. B	E. J. Cain	1412 W. Lynn Street	Shamokin 17872
26	Capparell Coal Co., Inc. B	S. T. Capparell	136 E. Fifth St.	Hazleton 18201
3-26	Capparell Strip. & Const. Co. S bk	S. T. Capparell	136 E. Fifth St.	Hazleton 18201
1-13	Capone Coal Co. S bk	S. J. Capone	Box B North End St.	Wilkes-Barre 18705
1	Carbondale Coal Co. S	T. J. Gillen, Jr.	78 Cottage Street	Carbondale 18407
4	Cardiff Stripping Co., Inc. S	Earl Gorenty	Box 81	Middleport 17953
19	Cass Contracting Co. BP	James V. Ryan	R. D. 2, Box 360 1/2	Pottsville 17901
23	Change Coal Co. DM	Robert Pitello	201 S. Vine Street	Mt. Carmel 17851
19	Chernosky Trucking Co. bk	Wm. Chernosky	R. D. 1, Box 174	Pottsville 17901
17	Chestnut Coal Co. DM	Steven Shingara	R. D. 3	Sunbury 17801
1	Cicio Coal Co. S	Michael Cicio	601 Poplar Street	Mayfield 18433
12	Clark Coal Co. DM	Clark Maurer, Jr.		Hegins 17938
24	Clay Coal Co. DM	Leonard Rupp	690 Bear Valley Ave.	Pitman 17964
20	Cliff Coal Co. DM	Thomas Clifford	442 Turkey Run	Shenandoah 17976
15	Coleby Coal Co., Inc. B bk	G. A. Schnee	P. O. Box 423	Gilberton 17934
30	Colket Coal Co. DM	John Messaros	School Row	Branchdale 17923
3	Conyngham Contracting Co. S	W. J. Farley	P. O. Box 173	Ashland 17921
18	Cooper & Co. DM	Adam Cooper	392 Fifth Street	Port Carbon 17965
18	Correale Construction Co. bk	G. M. Seiler	109 E. First St.	Hazleton 18201
19	Coxe Coal Co. DM	John Swinko	804 W. Market St.	Pottsville 17901
17	Cross Pitch Coal Co. DM	W. F. Lytle, Jr.	240 S. Wood Street	Shamokin 17872
24	Czech Brothers Coal Co. DM	Stanley Czech	1038 W. Fern St.	Shamokin 17872
20	D. & D. Coal Co. BP	Cyril Doyle	405 N. Market St.	Mt. Carmel 17851
29	D.D.Z. Coal Co. DM	Joseph Dombroski	1123 Chemung St.	Shamokin 17872
18	D. & H. Partnership DM	Harry David	R. D. 1	Schuylkill Ha. 17972
16-17	D. H. & W. Coal Co. DM	Kenneth Whitmer	Box 174-F, R.D. 2	Paxinos 17860
28	D. & J. Coal Co. DM	Daniel Fedako	1915 Race Street	Ashland 17921
20	D. K. & M. Coal Co. DM	Gurney Klinger	R. D. 2	Hegins 17938
17	D. & M. Coal Co. DM	John McAnneny	P. O. Box 112	Gowen City 17828
20	D.R.Z. Coal Co. DM	Ernest A. DiRenzo	330 Melrose Street	Keiser 17832
30	D.U.K. Coal Co. DM	D. W. Updegrove	225 W. Grand Ave.	Tower City 17980
18	D. Y. & N. Coal Co. DM	Adam Delinko		Seltzer 17974
29	D.V.W. Coal Co. DM	John E. Davis	309 S. Rock Street	Shamokin 17872
24	D. & Z. Coal Co. BP	Stanley Diminick	P. O. Box 351	Shamokin 17872
17	Dallabrida Coal Co. DM	Fred Dallabrida	21 East Avenue	Mt. Carmel 17851
19	Dando Coal Co., F. P.	F. P. Dando	P. O. Box 583	Pottsville 17901
4	Dando & Troup Coal Co. S	David J. Dando	117 S. Second St.	Minersville 17954
10	DeAngelis, Inc. B DM bk	J. C. Baumann	P. O. Box 505	Carbondale 18407
12	Deeter Coal Co. DM	Raymond Deeter	R. D. 1	Hegins 17938
21	Dembinsky Coal Co., W. DM	Wash Dembinsky	R. D. 1	Ashland 17921
16	Diamond Coal Co. DM	Junior Harner	14 N. Crescent St.	Tremont 17981
20	Diamond Coal Co., Inc. BP	Saverio Greco	P. O. Box 25	Mt. Carmel 17851
26	DiCassimiro Contracting Co. bk	Felix DiCassimiro		Morea Colliery 17955
24	Diminick Coal Sales BP	V. Scicchitano	P. O. Box 132	Paxinos 17860
19	DiRenzo Coal Co. BP	Dominick DiRenzo	R.D. 2, Box 752	Pottsville 17901
24	Dugan Coal Co. DM	J. Leschinski	456 S. Pearl St.	Shamokin 17872

Dis- trict	Operator	General Manager	Address	Zip Code
24	Duke Associates DM	Joseph Duke	1023 W. Willow St.	Shamokin 17872
26	Dyszal Coal Co. DM	Michael Dyszal	229 N. Second St.	Girardville 17935
1	E. & B. Coal Sales S	Edwin Booth	P. O. Box 206	Mildred 18632
28	E. & T. Coal Co. DM	Pedro Ibanez	144 W. Third St.	Mt. Carmel 17851
18	East Penn Fine Coal, Inc. DM	John Fiderak	202 Hunter St.	Tamaqua 18252
24	Eldy Coal Co. DM	William Lytle	R. D. 2	Shamokin 17872
12	Elizabethville Coal Co., Inc. bk	Ronald Klingler	P. O. Box 117	Elizabethville 17023
23	Else & Son, Charles DM	Charles Else, Sr.	1321 Chestnut St.	Kulpmont 17834
30	Emerich, Wm. G. W bk	Wm. G. Emerich		Ono 17077
26	Englewood Coal Co. BP	Michael Sluck	P. O. Box 395	Gilberton 17934
20	Ennis Coal Co. DM	William Ennis	7 W. Center St.	Ashland 17921
16	Erdman Coal Co. DM	Jay Erdman		Valley View 17983
19	Etzweiler Coal Co., Norman DM	N. Etzweiler	1022 Maple St.	Valley View 17983
28	F. & M. Coal Co. DM	Dominic Fabrizio	540 Charles St.	Shamokin 17872
17	Fairdeal Coal Co. DM	Leon Shingara	527 Bear Valley Ave.	Shamokin 17872
21	Falls Coal Co. DM	Herman Stine		Zerbe 17984
18	Farley Coal Co. DM	J. N. Farley	P. O. Box 78	Pottsville 17901
30	Faust Coal Co., Charles DM	Charles Faust		Muir 17957
18	Fauzio Coal Co. bk	Joseph Fauzio		Nesquehoning 18240
21	Fay-Mar Coal Co. DM	C. E. Leininger	24 N. Pine Street	Tremont 17981
18	Fegley Brothers Coal Co. DM	Leonard Fegley	P. O. Box 95	Quakake 18245
15	Fern Glen Mining Co. DM	Paul Davis	P. O. Box 43	Rock Glen 18246
10	Fern Hill Coal Co. DM	Sam Sallo	540 Charles St.	Throop 18508
17	Fetterolf Coal Co. DM	Harvey Fetterolf	P. O. Box 40	Shamokin 17872
18	Film Coal Co., Inc. bk	A. F. Beacher	109 E. First St.	Hazleton 18201
16	Fireside Mining, Inc. DM	Marvin Kimmel	281 S. Main St.	Pine Grove 17938
10	Flo Coal Co. DM	J. Coccodrilli	143 Buttonwood St.	Jessup 18434
3	Folger & Chapleski S	L. Chapleski	P. O. Box 5	Ranshaw 17866
26	Forgotsch Brothers Coal Co. DM	Vincent Forgotsch	522 W. Mahanoy St.	Mahanoy City 17948
26	Forsum Coal Co., Inc. DM	Joseph Sluck	P. O. Box 395	Gilberton 17934
24	Four Partners Coal Co. DM	John Vrona	814 E. Sunbury St.	Shamokin 17872
10	Franklin Coal Co. BP	Franklin Miller		Ravine 17966
12	Fronk, George B	George Fronk		Valley View 17983
26	G. & B. Coal Co. DM	T. E. Gaughan	58 Oakland Street	Ashland 17921
19	G. & B. Coal Co. DM	J. Wawrzosek	34 Westwood Street	Minersville 17954
23	G. & D. Coal Co. DM	Anthony Goszalo	36 Second Street	Kulpmont 17834
29	G. & M. Coal Co. DM	Darwin Mauzer	1662 W. Wood St.	Shamokin 17872
23	G.M.P. Coal Co. DM	Albert Geslock	501 East 7th St.	Mt. Carmel 17851
21-30	G. & T. Coal Co. DM	Malcolm Thompson	235 W. Main St.	Tremont 17984
12-20	Gangloff Bros. bk	Gene B. Gangloff		New Ringgold 17960
12	Garber Coal Co. DM	George Garber	East Market St.	Williamstown 17098
28	Garcia Coal Co. DM	J. J. Garcia	1053 Spruce St.	Kulpmont 17834
17	Gem Coal Co. DM	Clifford Artman	R.D. 1, Box 71-A	Shamokin 17872
4	Gerhart, George S	George Gerhart	R. D. 1	Orwigsburg 17972
13	Gigliello Coal Co. DM	John Gigliello	10 Pittston Ave.	Pittston 18640
3-26	Gilberton Coal Co. W S B bk	G. A. Schnee	P. O. Box 423	Gilberton 17934
15	Ginther Coal Co. W	David Bressler	P. O. Box 219	Hazleton 18201
3-24	Glenn Brass Coal Co. S bk	Glenn Brass	129 West Avenue	Mt. Carmel 17851
24	Glen Burn Colliery, Inc. B	J. J. Parker	P. O. Box "F"	Shamokin 17872
11	Glen-Man Coal Co., Inc. DM	G. H. Kienzle	St. Mary's Rd.	Wilkes-Barre 18702
3-24	Glosek Brothers Coal Sales, Inc. S BP	Frank Glosek	1310 W. Holly St.	Shamokin 17872
19	Glenn Worth Coal Co. BP	Carl L. Hoke	2205 W. Market St.	Pottsville 17901
11	Glyon Mining, Inc. DM	A. Ciarofoni	232 Division St.	Wilkes-Barre 18702
16-21	Good Spring Coal Co. DM	Frederick Lucas	309 W. Main St.	Tremont 17981
2-15	Gowen Coal Co. S B bk	Elmer Roth		Fern Glen 18241
21	Graves Coal Co. DM bk	John Granito	R. D. 1	Pottsville 17901
16	Green Coal Co. DM	Roy Green	R. D. 2	Hegins 17938
2	Greenwood Mining Co. BP	Joseph Fauzio	P. O. Box 269	Tamaqua 18252
18	Greenwood Stripping Corp. S	Joseph Fauzio	One Venice St.	Nesquehoning 18240
18	Gregas Coal Co. DM	Peter Gregas	83 Railroad St.	Girardville 17935
24	Grego & Deitz Coal Co. DM	Stanley Grego	836 W. Spruce St.	Shamokin 17872
15	Greybosh Coal Co., Inc. BP	John Greybosh	Hazleton Rd.	Hazleton 18201
17	Gudelunas Coal Co. DM	Frank Gudelunas	27 S. Spruce St.	Mt. Carmel 17851
3	H. & B. Coal Co. S	Henry Olaf	857 Spruce St.	Kulpmont 17834
29	H. & B. Coal Co. DM	Parker Hughes	1401 W. Independence	Shamokin 17872
16	H. & H. Coal Co. DM	Robert Herb		Hegins 17938
17	H. J. & H. Coal Co. BP	H. D. Reitz, Sr.	R. D. 2	Milton 17847
29	H.K.Z. Coal Co. DM	Theodore Horoshak	817 N. Sixth St.	Shamokin 17872

Dis- trict	Operator	General Manager	Address	Zip Code
26	H. & M. Coal Co. DM	Charles Mitchell	107 Reed Street	Girardville 17935
26	H. M. B. & P. Coal Co. DM	Charles Mitchell	107 Reed Street	Girardville 17935
19	H. & P. Coal Co. DM	John Hudock	P. O. Box 782	Pottsville 17901
30	H. & S. Coal Co. DM	Robert Maurer		Hegins 17938
24	H. & S. Coal Co. DM	Henry Heizer	146-148 East Ave.	Mt. Carmel 17851
16-28	H. & W. Coal Co. DM	Wm. Heitzman	P. O. Box 340	Shamokin 17872
21	Maas Coal Co. DM	Lester Haas		Pitman 17964
19	Halaburda Coal Co. DM	Bernard Halaburda	231 Wylan Street	Frackville 17931
30	Haldeman Coal Co. DM	Adam Haldeman, Sr.	R. D. 3	Pine Grove 17963
1	Halsey Contracting Co. S	Vincent Halsey	P. O. Box 358	Carbondale 18407
20	Hank's Coal Co. DM	H. W. Szymanski	544 W. Third St.	Mt. Carmel 17851
2	Harbon Coal & Contracting Co. S	Joseph Harlam	219 N. Laurel St.	Hazleton 18201
26	Hard Top Coal Co. DM	J. Sluck	Box 183	Lost Creek 17946
16	Harman Coal Co. DM	Clair Harman		Valley View 17983
12	Harnor Coal Co. DM	Alfred Harnor		Valley View 17983
16-21	Hatter Coal Co. DM	Ernest Hatter		Hegins 17938
19-21	Hegins Mining Co. DM	William E. Carl	521 E. Walnut St.	Hegins 17938
1	Heights Coal Co. S	Eugene Popple	P. O. Box 417	Pittston 18640
20	Hepler Coal Co. DM	Charles Hepler	1320 Scott Street	Kulpmont 17834
16-30	Herb & Reed Coal Co. DM	Harry L. Reed		Tower City 17980
12-21	Herring Brothers Coal Co. DM	Lester L. Herring	R. D. 3	Pine Grove 17963
16	Hi-Test Coal Co. DM	Kenneth Curran		Minersville 17954
16	Hoffman Coal Co. DM	Roy Hoffman		Klingerstown 17938
2-15	Honeybrook Mines, Inc. S	G. M. Seiler	109 E. First St.	Hazleton 18201
24	Hoover Coal Mining Co. BP	G. W. Hoover	118 N. Sixth St.	Sunbury 17801
21	Hoover & Reed Coal Co. DM	Allen Reed		Schuylkill Ha. 17972
12	Hornberger Coal Co. DM	P. O. Box 320	S. Hornberger	Ashland 17921
19	Horvath Partnership DM	Harry David	R. D. 1	Schuylkill Ha. 17972
3	Howells, T.S. & Olaf S. Strip. Co. S	Stanley Olaf	733 Pine Street	Kulpmont 17834
2-15	Huss, George S W bk	George Huss	West Main Street	Ringtown 17967
16	J. & C. Coal Co. BP DM	J. Walacavage	P.O.Box 548, R.D.1	Pottsville 17901
26	J. & D. Coal Co. DM	Joseph Dyszel	229 N. Second St.	Girardville 17935
18	J. & E. Coal Co. BP	E. P. Patrick	R. D. 3	Tamaqua 18252
12	J. & R. Coal Co. DM	Joseph Shade	R. D. 1	Hegins 17938
24	J. & S. Coal Co. DM	George Shumock	624 State Street	Shamokin 18643
2-15-26	Jeddo-Highland Coal Co. B bk S W	Henry Ventre	800 Exeter Ave.	W. Pittston 17851
3	Jet Coal Co. S	John Menepace	P. O. Box 443	Mt. Carmel 17851
17	Jewell Coal Co. DM	Harvey Fetterolf	R.D.1, Box 40	Shamokin 17872
16	Johnson Coal Co. DM	John Johnson		Lavelle 17943
26	Jones Coal Co. DM	Manuel Simoes	P. O. Box 144	Mahanoy City 17948
24	K. & D. Coal Co. BP	A. Koppenhaver	P. O. Box 415	Shamokin 17872
12	K.D.S. Coal Co. DM	Marvin Klouser		Valley View 17983
12	K.E.W. Coal Co. DM	Kermit Klinger		Gratz 17030
29	K.H.N. Coal Co. DM	Robert Kabonick	821 W. Mulberry St.	Shamokin 17872
28	K. & K. Coal Co. DM	George Kastropa		Ranshaw 17866
19	K. & L. Coal Co. DM	Edward Lashendock	201 Warsaw Street	Keiser 17832
19	K. & M. Coal Co. DM	Con Kulpcavage	R.D.2, Box 567	Pottsville 17901
20	K. & M. Coal Co. DM	Gurney Klinger	R.D.2	Hegins 17938
18	K. & M. Coal Co. DM	Charles Metroka	R.D.2, Box 165	Pottsville 17901
18	K. M. & F. Coal Service BP	Howard Fees	Washington Street	Middleport 17953
16	K. & N. Coal Co. DM	Bruce Klouser		Valley View 17983
19	K. & P. Coal Co. BP	Charles Kiertekles	P. O. Box 296	Minersville 17954
21	K. & S. Coal Co. DM	Clair Kimmel	212 S. Second St.	Pottsville 17901
21	K. S. & F. Coal Co. DM	Melvin Kroh	R. D. 2	Hegins 17938
20	K. & Z. Coal Co. DM	Joseph Zock	1757 Tioga Street	Shamokin 17872
20	Kaletka Coal Co. DM	James Kaleta	299-A Luke Fidler	Shamokin 17872
1	Kaminski Brothers, Inc. S	Edward Kaminski	378 State Road	Avoca 18641
15	Kassa Coal Co. DM	Nicholas Kassa	322 Simpson Street	DuPont 18641
16	Keffer's Coal Co. DM BP	William Morgan		Valley View 17983
4-12	Kerrigan Coal Co., Inc., Paul S BP	Paul Kerrigan	3rd & Chestnut St.	Frackville 17931
3	Kerris & Helfrick, Inc. S	Edward Helfrick	Lehigh & Poplar St.	Mt. Carmel 17851
28	Kerstetter Coal Co. DM	Robert Kerstetter	R. D. 2, Box 328	Shamokin 17872
13	Keyser Valley Enterprises, Inc. DM	Jos. Giovannini	2046 Dorothy St.	Scranton 18504
30	Kimmel Brothers Coal Co. DM	George Kimmel	Star Route	Valley View 17983
12	Kintzel Brothers Coal Co. DM	Nathan Kintzel	R. D. 2	Pine Grove 17963
18	Klimas Coal Co. DM	Albert Klimas	31 Clay Street	New Phila. 17959
21	Klinger Coal Co., E. DM	Earl Klinger	R. D. 2	Hegins 17938
21	Klinger Coal Co., Leroy DM	Leroy Klinger	R. D. 1	Ashland 17921

Dis- trict	Operator	General Manager	Address	Zip Code
30	Knorr Coal Co. DM	Leroy Knorr		Hegins 17938
30	Koch's Coal Co. BP	Joseph Koch	P. O. Box 3	Ravine 17966
4-16	Kocher Coal Co., Leon E. S BP	R. W. Rissinger		Valley View 17983
21	Koons Coal Co. DM	Marcus Koons	R. D. 1	Pine Grove 17963
21	Koperna Coal Co. DM	John Koperna	R. D. 2	Schuylkill Ha. 17972
12	Koppenhaver Coal Co. DM	H. Koppenhaver	203 W. Laurel St.	Tremont 17981
20	Koschoff Coal Co. DM	Charles Koschoff	R. D. 1	Catawissa 17820
19	Kost Partnership DM	Charles Kost	906 Pine Street	St. Clair 17970
19	Kowalchick, Michael BP	Michael Kowalchick	P. O. Box 273	Minersville 17954
18	Kristoff Coal Co. DM	George Kristoff		Mary-D 17952
28	Kulpmont Coal Co. DM	Michael Habowski	333 S. Market St.	Mt. Carmel 17851
12	L.3 Coal Co. DM	Franklin Lucas	R. D. 3	Pine Grove 17963
21	L.E.H. Mining Co. DM	Howard Renninger	111 High Street	Pine Grove 17963
15	L. & F. Mining Co., Inc. DM	R. E. Fellin	4 E. First Street	Hazleton 18201
11	L.J.B., Inc. bk	Arnold Biscontini	St. Mary's Road	Wilkes-Barre 18702
28	L. & L. Coal Co. DM	John Leinig	R.D.1, Box 227-B	Shamokin 17872
23	L. & L. Coal Co. DM	Edward Little	934 Chestnut St.	Kulpmont 17834
28	L. & M. Coal Co. DM	Lambert Reber	R.D.2, Box 316-A	Shamokin 17872
12	L.O.B. Coal Co. DM	Mark Osman		Valley View 17983
28	L. & S. Coal Co. DM	Salvatore Stellar	1145 W. Spruce St.	Shamokin 17872
13	Lafin Heights Coal Co. bk	Louis Falzone	540 Wyoming Ave.	Wyoming 18702
12	Lahr Coal Co. DM	Marlin Lahr		Williamstown 17098
18	Lanscoal Mining Co., Inc. DM	Stephen Karabinos	W. Ridge Street	Lansford 18232
12	Last Chance Coal Co. DM	Wilbur White	R. D.	Ashland 17921
18	Laurel Hill Coal Co. DM	A. Weisacosky	417 Carbon St.	Pottsville 17901
15	Lech Coal Co. bk	Stanley Lech		Quakake 18245
15	Lee Mining Co., J.F. DM	Joseph F. Lee	836 N. Church St.	Hazleton 18201
16	Legal Coal Co. BP	Harry Golden	R. D. 2	Pottsville 17901
1-2-3-11-	Lehigh Valley Anthracite, Inc.	James Tedesco	800 Exeter Ave.	W. Pittston 18643
13-15-18-26	S B BP bk			
12	Lehman Coal Co. DM	Mervin Lehman	R. D. 1	Pine Grove 17963
13	Lehman Coal Co. DM	Frank Lehman	1256 Reynolds Ave.	Scranton 18504
10	Lemoncelli Coal Co. DM	Peter Lemoncelli	5 Jane Street	Peckville 18452
16	Lengel Coal Co. DM	Warren Lengel	R. D. 2	Pine Grove 17963
21	Little Mine Coal DM	Forrest Otto	R. D. 2	Hegins 17938
26	Live Oak Coal Co. BP	Peter Laychock, Jr.	R.D.1, Box 84-A	Pottsville 17901
26	Locust Valley Coal Co. BP bk	H. Yudecufski	P. O. Box 179	Mahanoy City 17948
23	Lone Pine Coal Co. DM	J. J. Zupcich	825 Lott Street	Shamokin 17872
28	Lotus Coal Co. DM	Thos. Anzulovich	1135 Webster St.	Shamokin 17872
24	Lower Region Colliery W	Leonard Chapleski	P. O. Box 5	Ranshaw 17866
12	Lucas Coal Co. DM	William Lucas		Joliet 17981
24	Lytle Brothers Partnership DM	William Lytle, Jr.	634 W. Spruce St.	Shamokin 17872
12	M.A.D. Coal Co. DM	Alvin Morgan		Williamstown 17098
26	M.C. Coal Co. DM	Marie Cress	53 Main Street	Ashland 17921
17	M. & C. Coal Co. DM	Osborne Cressinger	R. D. 1	Paxinos 17860
28	M. G. & S. Coal Co. DM	Joseph Murin	301 S. Spruce St.	Mt. Carmel 17851
12	M. & L. Coal Co. DM	Roy A. Lucas	Mountainside	Williamstown 17098
19	M. & N. Coal Co. DM	Michael Olenick	224 N. 20th St.	Pottsville 17901
20	M. & P. Coal Co. bk	Frank Moncavage	1220 W. Girard St.	Atlas 17811
20	M. & S. Coal Co. DM	Allen Shoffler	337 Melrose Street	Keiser 17832
21	M. & W. Coal Co. DM	George Motter	R. D. 1	Pine Grove 17963
20	M. & W. Coal Co. DM	Joseph Walsh	503 West Avenue	Mt. Carmel 17851
21	M.W.S. Coal Co. DM	Palmer Mervine	P. O. Box 306	Ashland 17921
13	Macarelli Coal Co. DM	Mathew Macarelli	817 Scott Street	Wilkes-Barre 18705
17	Mace Coal Co. DM	Russel Mace	1520 W. Walnut St.	Shamokin 17872
16	Madenford Coal Co. DM	George Madenford	P. O. Box 171	Tremont 17981
26	Makararczyk Brothers Coal Co. DM	Joseph Makararczyk	139 Penna. Ave.	Shenandoah 17976
21-26	Malho Coal Co. DM BP	Margaret Malho		Lavelle 17943
18-19-21	Manbeck Dredging Co., Inc. bk W	Kenneth Heiser	318 E. Liberty St.	Schuylkill Ha. 17972
21	Mansion Coal Co. DM	Rennie Umbenhauer	R. D. 1	Pine Grove 17963
13	Marchesini, David bk	David Marchesini	423 Sixth Street	Wyoming 18702
12	Marchuk & Sons Coal Co. DM	Steven Marchuk	1804 E. Wiconisco	Reinerton 17980
15	Marko Coal Co. DM	John Markosky	436 W. Columbus St.	Shenandoah 17976
26	Marion Mining Co., Inc. DM	Neil DeLance	725 W. Coal Street	Shenandoah 17976
18	Mar Strip & Excavating Co. bk	Joseph Mariner	R. D. 2	Tamaqua 18252
17	Marquette Coal Co. DM	D. H. Marquette	611 W. Pine Street	Shamokin 17872
10	Matisko Coal Co. B bk	John Matisko	Mt. Cobb Rd., R.D.3	Lake Ariel 18436
28	Mattis Coal Co. DM	Frank Mattis	1552 Wabash Street	Shamokin 17872

Dis- trict	Operator	General Manager	Address	Zip Code
28	Maurer Coal Co., Paul F. DM	Paul F. Maurer	820 Lott Street	Shamokin 17872
12	Mausser Coal Co. DM	Albert Mausser	R. D.	Elizabethville 17023
28	Mayton Brothers Coal Co. DM	Joseph Mayton	R. D. 2, Box 406	Shamokin 17872
15	Mazaika Coal Co. BP	Edward Mazaika	R. D. 2	Tamaqua 18252
12	Meadowbrook Coal Co. W bk	Leslie Kimmel		Tower City 17980
2	Meadow Coal & Excavating Co., Inc. S	Andrew Brazzo	New Coxeville Rd.	Beaver Meadows 18216
1	Meg Coal Co. S	Ross Geiso	1948 Wyoming Ave.	Exeter 18643
30	Mercury Coal Co., Inc. DM	Leon F. Richter	27 Spring Street	Tremont 17981
26	Mickey Coal Co. DM	J. Mickatavage	40 Oakland Street	Ashland 17921
10	Micklick Coal Co. DM	Steven Micklick	216 Second Street	Jessup 18434
1	Mid-Valley Products Co. S	Nicholas DePietro	604 Paconcast St.	Dickson City 18519
21	Miller Coal Co. DM	Daniel Miller		Valley View 17983
19	Minersville Coal Co., Inc. BP	Leo Strenkoski	Drawer N	Minersville 17954
10	Mitchell Mining Co. DM	Joseph Mitchell	603 Main Street	Dickson City 18519
13	Moffat Premium Anthracite, Inc. BP	Mike Costanzo	78 Cottage Street	Carbondale 18407
1-13	Moffat Coal Co., Inc. DM S	E. W. Lamb	P. O. Box 486	Scranton 18703
20	Morack Coal Co. DM	John Morack	407 N. Vine Street	Mt. Carmel 17851
29	Motto Partnership DM	Frank J. Motto	P. O. Box 13	Excelsior 17825
19	Mount Laffee Coal Co. DM	William Flail	429 W. John Street	Frackville 17931
18	Mountain Side Coal Co. BP	Roy Habel	648 1/2 E. Broad St.	Tamaqua 18252
21	Mountain Top Coal Co. DM	William Vesay	415 St. Francis St.	Minersville 17954
3	Mudry Brothers Trucking Co. S	John Mudry	26 S. 14th Street	Kulpmont 17834
15	McAdoo Mining Co. DM	Gene Pinter	62 N. Tamaqua St.	McAdoo 18237
13	McKeen Fuel Corp. bk	Westly McKaig	P. O. Box 33	Plains Township 18625
17	N. & L. Coal Co. DM	A. J. Novrocki	P. O. Box 212	Paxinos 17860
13	N. & R. Coal Co. bk	Nunzy N. Savoy	25 Barber Street	Exeter 18644
21	Neumeister Coal Co., James DM	James Neumeister	R.D.1, Box 66	Ashland 17921
26	Ney & Lehman Coal Co. DM	Carl Ney	300 S. Maple St.	Mt. Carmel 17851
18	No. 1 Vein Coal Mine DM	Raymond Keefer	P.O. Box 295, R.D. 2	Shamokin 17872
12	No. 4 Coal Co. DM	Frank Lucas		Hegins 17938
28	No. 5 Vein Coal Co. DM	Vincent Varano	406 E. Pine St.	Shamokin 17872
28	Nork Coal Co. DM	N. Gawinowicz	41 Sherman Street	Shamokin 17872
3	North Line Coal Co. S	C. Wayne Troxell	P. O. Box 12	Shamokin 17872
1-10	Northwest Mining Co., Inc. S B DM bk	John J. Gillen	78 Cottage Street	Carbondale 18407
19	Noyalas Coal Co. DM	Edward Noyalas	219 N. Broad Mt. Ave	Frackville 17931
20	O.K. Coal Co. DM	Edward Olbrish	753 Scott Street	Kulpmont 17834
20	O. & M. Coal Co. DM	Francis McDonald	13 Railroad St.	Locust Gap 17840
30	Oakwood Coal Co., Inc. BP	David Deaven	R. D. 3	Pine Grove 17963
19	Old Mill Coal Yard BP	Raymond Stein	P. O. Box 172	Llewellyn 17944
19	Olenick Bros. Coal Co. BP	Nicholas Olenick	R.D.1, Box 117-A	Pottsville 17901
1	Oliver, James & Albert S	James Oliver	99 Pine Street	Pittston 18640
26	Olman & Co. DM	Joseph Olman	46 N. Tamaqua St.	McAdoo 18237
13	O'Toole, John F. B bk	John F. O'Toole	208 S. Hyde Park Av.	Scranton 18504
10	Olyphant Fuel Co., Inc. B bk	M. E. Yurkowsky	P. O. Box 234	Olyphant 18447
18	P. & D. Coal Co. DM	Joseph Peck		Middleport 17953
18	P. & G. Coal Co. bk	Carl Pacine	434 S. Second St.	St. Clair 17970
19	P. & H. Coal Co. DM	Walter Pewor	R.D. 2, Box 550	Pottsville 17901
28	P. & R. Coal Co. DM	Joseph Rutkowski	R.D. 2, Box 471	Shamokin 17872
24	P. & S. Coal Co. DM	George Shumock	624 State Street	Shamokin 17872
18	Pacine Coal Co. DM	Michael Pacine		Cumbola 17930
10	Panzitta Construction Co. DM	Joseph Panzitta	64 Bennett Street	Wilkes-Barre 18701
1	Pasternak Brothers S	John Pasternak	419 Center Street	Taylor 18642
30	Penag Coal Co. B DM	Edward Twigg	Sunbury & Rock Sts.	Shamokin 17872
10	Penbrook Coal Co. B bk	Richard Fabbri	729 N. Main Street	Archbald 18403
13	Penn Can Coal Co. bk	P. J. Walsh	P. O. Box 74	Old Forge 18642
10	Pennsylvania Coal Co. M	J. A. Martin	Jefferson Avenue	Scranton 18503
13	Perry Coal Sales Co., Thomas bk	Thomas Perry	530 Green Ridge St.	Scranton 18509
10	Petam Enterprises, Inc. DM	J. Giovannini	223 Sanovia Street	Exeter 18644
17	Phillips Coal Co. DM	L. H. Phillips	R.D.1, Box 133	Shamokin 17872
12-19	Phoenix Contracting Co. BP bk	William Jones	P. O. Box 433	Pottsville 17901
10	Pientack Coal Co. DM	Henry Pientack	911 Charles St.	Archbald 18403
29	Pine Creek Coal Co. BP	Ronald Klinger	Main Street	Spring Glen 17978
12	Pine Line Coal Co. DM	Harry J. Wallick	302 S. Market St.	Shamokin 17872
17	Pine Tree Coal Co. DM	B. E. Deibler	R.D. 1, Box 143-R	Shamokin 17872
26	Pleasant Hill Coal Co. DM	Peter Smulligan	Vulcan	Barnesville 18214
26	Polcovich Coal DM	John Polcovich	103 E. Centre St.	Centralia 17927
10	Pompey Coal Co. B	Charles Pompey	P. O. Box 91	Jessup 18434
20	Poponiak Brothers Coal Co. DM	John Poponiak	146 Warsaw Street	Keiser 17832

Dis- trict	Operator	General Manager	Address	Zip Code
13	Popple Coal Sales, Raymond bk	Raymond Popple	300 Newrose Bldg.	Pittston 18640
30	Potts Contracting Co. BP	Allen Potts	64 N. Tulpocken	Pine Grove 17963
28	Primrose Coal Co. DM	Stanley Coveleski	1576 Wabash Street	Shamokin 17872
3-23	R.B.F. Coal Co. DM S	Robert Fanella	P. O. Box 454	Mt. Carmel 17851
18	R. G. & C. Coal Co. DM	George Rinda		New Phila. 17959
16	R. & J. Coal Co. DM	Mark Minnich	R. D. 1	Pine Grove 17963
16	R. & K. Coal Co. DM	George Rigdosh		Wiconisco 17907
20	R. & L. Coal Co. DM	Francis Revenis	528 Locust Ave.	Centralia 17927
18	R. & R. Coal Co. BP bk	Ronnie Roinick	521 Oak Street	Jim Thorpe 18229
12	R. & S. Coal Co. DM	Frank Sinko	1272 Chemung St.	Shamokin 17872
26	R. & W. Coal Co. DM	William Weir	105 Hoffman St.	Ashland 17921
13-15-				
20-29	Racho, George bk	George Racho	371 Church St.	Hazleton 18201
17	Raczkowski Coal Co. DM	Albert Raczkowski	1237 W. Nelson St.	Shamokin 17872
14	Radziewicz Brothers Coal Co. DM	Frank Radziewicz	1103 W. Fern St.	Shamokin 17872
23	Ramph Coal Co. DM	Melvin Ramph	1101 Chestnut St.	Kulpmont 17834
18	Randolph Coal Co. bk	P. J. Connors	P. O. Box 173	Pottsville 17901
24-29	Ranshaw Transportation & Auto Wreckers Co. bk	Leonard Chapleski	P. O. Box 5	Ranshaw 17866
3	Rarick Excavating, Sterling S	Sterling Rarick	69 W. Main Street	Ringtown 17967
3-4-18-	Reading Anthracite Co. S	M. F. Farrell	200 Mahantongo St.	Pottsville 17901
19-23-26	BP B W S bk			
21	Reber & Zimmerman Coal Co. DM	Henry D. Reber	R. D. 1	Pine Grove 17963
17	Reed Mining Co. DM	J. M. Reed	1220 W. State St.	Shamokin 17872
26	Reichwein & Beury Coal Co. BP	Harold Reichwein	R.D.1, Box 261	Ashland 17921
17-24	Reidinger Coal Mining Co. DM BP	Joseph Reidinger	R. D. 1	Paxinos 17860
13	Reilly Contracting Co. bk	T. J. Reilly	P. O. Box 219	Hazleton 18201
12	Reiner Coal Co. DM	William Reiner		Tower City 17980
12	Rekla Coal Co., Inc. DM	Henry J. Recla	119 E. Norweigan St.	Pottsville 17901
19	Rekla Coal Co. DM	Guy Recla	21 Cherry Street	Port Carbon 17901
19	Rem Coal Co. DM	Joseph Millard	413 N. Delaware Ave.	Minersville 17954
21	Renninger Coal Co., Inc. DM	T. Renninger	37 W. Donaldson St.	Zerbe (Tremont) 17984
16	Renninger & Partners Co. DM	T. Renninger		Zerbe 17984
19	Rickett Coal Co. DM	Thomas Rickett, Sr.	111 South 4th St.	Tower City 17980
10	Rider Coal Co. DM	Louis Coccodrilli	541 Main Street	Peckville 18452
1	Rock Contractor, C. A. S	C. A. Rock	R. D. 1	Clarks Summit 18411
17	Rocky Mountain Coal Co. DM	M. T. Kerstetter	R. D. 2	Shamokin 17872
18	Romanosky Partnership DM	Thomas Green	76 Wiggins Street	New Phila. 17959
10	RoMiki Coal Co. DM	Michael Beggin	405 Front Street	Jessup 18434
3-24	Rosini Coal Co. S BP	E. J. Rosini	P. O. Box 184	Shamokin 17872
3	S. & D. Coal Co. S	S. Shalamanda	330 Melrose Street	Keiser 17832
21	S. & F. Coal Co. DM	J. Federovich	Main Street	Seltzer City 17974
12	S. & K. Coal Co. DM	Palmer Klinger		Valley View 17983
12	S.K.D. Coal Co. DM	Joseph Dorazio		Pottsville 17901
21	S. & L. Coal Co. DM	F. B. Stump	R. D. 2	Pine Grove 17963
21	S. & M. Coal Co. DM	John Simodejka	325 Penn Street	Minersville 17954
3	S. & S. Contracting Co. S	E. Sosnoski	219 E. Melrose St.	Keiser 17832
16	S. & S. Coal Co. DM	Lloyd Stutzman		Valley View 17983
16	S. S. & M. Coal Co. DM	James Schoffstall	101 W. Main Street	Tremont 17981
16	S. & W. Coal Co. DM	C. L. Williamson		Valley View 17983
16	Salada Coal Co. DM	George Salada		Tower City 17980
12	Salic Coal Co. DM	Harry Salic	Ray Street	Williamstown 17098
11	San Mining Co., Inc. DM	G. H. Kienzle	St. Mary's Road	Wilkes-Barre 18702
23	Sanders Coal Co. DM	W. Anascavage	1015 W. Pine St.	Shamokin 17872
3-20	Savitski Bros. Coal Sales S BP DM	E. Savitski	Forest & Mulberry	Atlas 17811
19	Scheib Coal Co. DM	Michael Scheib	S.R.319, Box 10	Tremont 17981
16	Schell Brothers Coal Co. DM	Steward Schell		Reinerton 17980
18	Schickram, William bk	William Schickram	130 Clay Street	Tamaqua 18252
30	Schneck Coal Co., Thomas W. BP	T. W. Schneck	R. D. 1	Pine Grove 17963
4	Schock, Norman C. S	Norman C. Schock		Tuscarora 17982
4	Schuylkill Contracting Co., Inc. S	Frank J. Ryan	P.O. Box 360, R.D. 2	Pottsville 17901
3	Schwartzlander Coal Co. DM	J. Schwartzlander	31 North Street	Tremont 17981
20	Scott Coal Co. DM	Donald Metzinger	Cherry Street	Lavelle 17943
1-13	Scranton Excavating Co. bk S	Rocco Domiano	3 McClure Street	Old Forge 18518
19	Seanawaitis Brothers Coal Co. DM	A. Seanawaitis	530 Lytle Street	Minersville 17954
13	Sebastopol Coal Co. bk	A. Glarratano	P. O. Box 72	Pittston 18640
16	Shade Coal Co. DM	Alvin Shade		Valley View 17983
21	Sharp Mountain Coal Co. DM	F. Zimmerman	R. D. 1	Pine Grove 17963

Dis- trict	Operator	General Manager	Address	Zip Code
26	Shen Coal Co. DM	John Abransonis	601 Turkey Run	Shenandoah 17976
16	Sherry Coal Co., Don DM	Roy E. Harner	Spring Glen	17978
12	Shomper Coal Co. DM BP	Russel Shomper, Sr.	Williamstown	17098
16	Shuey Coal Co. DM	Leonard Harner	Sacramento	17968
20	Shuey Coal Co., Lawrence DM	Lawrence Shuey	Box 51, R. F.	Hegins 17938
13	Silverbrook Anthracite, Inc. B	Nicholas Kassa	322 Simpson St.	Dupont 18503
18	Silver Creek Coal Co., Inc. BP	Andrew Bonchack	P. O. Box 246	West Phila. 17959
19	Siminitus Coal Co. DM	Edward Siminitus	R. D. 1, Box 99 1/2	Pottsville 17901
26	Simoes & Co., Manuel DM	Manuel Simoes	208 E. Center St.	Mahanoy City 17948
26	Skidmore Coal Co. DM	W. Lippman	P. O. Box 1233	Centralia 17927
18	Skripnek Coal Co. DM	Daniel Skripnek	222 Clay Street	Tamaqua 18252
26	Skytop Coal Co. BP DM	J. D. Perrira	P. O. Box 355	Mahanoy City 17948
1	Slenska Coal Co. S	Michael Slenska	225 Gorham Street	Mayfield 18433
28	Slo-Burn Coal Co., Inc. DM	Robert Greco	49 North Oak St.	Mt. Carmel 17851
12	Smeltz Coal Co. DM	Joseph Shade	R. D. 1	Hegins 17938
21	Smith Coal Co. DM	Louis Smith	Locust Gap	17840
18	Smith Coal Co. DM	Herbert Smith	143 Willow Street	Delano 18220
19	Snyder Coal Co., Leroy DM	Leroy Snyder	R. D. 1	Lykens 17048
19	Sorokach Coal Co. DM	Edward Sorokach	P. O. Box 14	Minersville 17954
28	South Mountain Coal Co. DM	Ira Wilkinson	458 E. Shamokin St.	Trevorton 17881
18	South Tamaqua Coal Pockets BP	Donald Warne	R. D. 3	Tamaqua 18252
21	Spancake & Herring Coal Co. DM	Milton Spancake	R. D. 2	Pine Grove 17963
17	Spindel Top Coal Co. DM	Robert Bixler	684 Bear Valley Ave.	Shamokin 17872
3-23-24- 26-28	Split Vein Coal Co. S bk DM BP	Elwood Swank	R.D. 1, Box 396	Paxinos 17860
18	Spring Creek Coal Co. BP	Lawrence Bechtel	R. D. 3	Tamaqua 18252
17	Springfield Coal Co. DM	S. S. Korenkiewicz	R.D. 1, Box 141-R	Shamokin 17872
16	Stahl Coal Co. DM	John Stahl	Valley View	17983
16	Stahl & Shade Coal Co. DM	John Stahl	Valley View	17983
26	Starwood Coal Corporation BP	Alfred Peca	14 S. Main Street	Mahanoy City 17948
20	State Coal Co., Inc. bk W	C. R. Williams	109 E. First St.	Hazleton 18201
24	Steam Coals, Inc. BP	C. Wayne Trozell	P. O. Box 12	Shamokin 17872
12	Stonehill Coal Co. BP	Eugene Hassinger	Loyalton	17046
12	Strohecker Coal Co. BP	Joel Strohecker	R. D. 1	Elizabethville 17023
19	Studlack Partnership DM	George Studlack	314 Newcastle St.	Minersville 17954
12	Stump Coal Co., F.B. DM	Frank Stump	Pine Grove	17963
18	Sunbury Co., Inc. bk	R. E. Doebler	Tremont	17981
28	Sunshine Coal Co. BP	Ralph Steinhart	P. O. Box 502	Trevorton 17881
16	Superior Coal Co. BP	Roy Blyler	Valley View	17983
11-23	Susquehanna Coal Co. DM BP	Lawrence G. Lebo	Glen Lyon	18617
20	Swamp Coal Co. DM	Edward Olbrish	753 Scott Street	Kulpmont 17834
4-21	Swatara Coal Co., Inc. S BP	W. P. Parker	P. O. Box 6	Minersville 17954
24	Swift Coal Sales BP	Adam Swift	1100 Center St.	Shamokin 17872
17	T. & M. Coal Co. DM	Thomas Morris	905 W. Pine Street	Shamokin 17872
15	Tedesco Coal Co., Inc. bk B	F. M. Tedesco	P. O. Box 4	Pardeesville 18243
18	Three Par Coal Co. DM	Donald Ney	Main Street	Cumbola 17930
21	Tokarchek Coal Co. DM	Michael Tokarchek	214 Laurel Street	Minersville 17954
18	Tracy Coal Co. DM	Michael Dudash	R. D. 3	Pottsville 17901
21	Tremont Anthracite Co., Inc. BP	Kenneth Wolfgang	323 W. Center St.	Donaldson 17981
26	Trenton Coal Co. DM	S. Lazaravage	22 E. Spruce St.	Mahanoy City 17948
17	Trevorton Anthracite Co. B bk	M. F. Farrell	Trevorton	17881
17	Triple "S" Coal Co. DM	Albert Shinskie	500 N. First St.	Shamokin 17872
4	Tropp Stripping Co., Lawrence S	John Tropp	P. O. Box 200	Pottsville 17901
28	Twin Oaks Coal Co. DM	Albert Shepley	P. O. Box 102	Shamokin 17872
1	Turnpike Coal Co. S	John Vitoli	330 Field Street	Dunmore 18512
12	Underkoffler Coal Co. BP DM	G. Underkoffler	Elizabeth Street	Williamstown 17098
3	Unique Coal Co. S	Millard Long	933 Chestnut St.	Kulpmont 17834
13	United Gas Improvement Co., The bk	D. H. Demmy	247 Wyoming Ave.	Kingston 18704
13	V-R Coal Corporation DM	A. Biscontini	232 Division St.	Kingston 18704
15	Valley Coal Co. BP	Stanley Lech	R. D. 2	Tamaqua 18252
12	Valley Construction Co. DM	George Fronk	Valley View	17983
21	Viola Coal Co. DM	Victor Viola	Box 779, R.D. 2	Pottsville 17901
10	Virby Coal Co. DM	G. Virbitsky, Jr.	1315 Lackawanna Ave.	Mayfield 18433
29	W. & F. Coal Co. DM	W. Wasarhely	511 Webster Street	Ranshaw 17866
28	W. & S. Coal Co. DM	W. J. Stellar	1302 Scott Street	Kulpmont 17834
10	Waddell Coal Mining Co., Inc. W	Peter Brojak	P. O.	Archbald 18403
26	Wadleigh Coal Co. DM	Steve Forgotch	R. D. 2	Tamaqua 18252
21	Walaitis Coal Co. DM	John Walaitis	40 S. Wylan St.	Frackville 17931

Dis- trict	Operator	General Manager	Address	Zip Code
18	Walton, John BP	John Walton	R. D. 3	Schuylkill Hav. 17972
21	Watcher Coal Co. DM	Michael Watcher	Llewellyn	17944
28	Wehry Coal Co., Paul DM	Paul Wehry	1516 W. Independ.	Shamokin 17872
30	Wehrauch's, Frank DM	Frank Wehrauch	434 E. Weidman St.	Lebanon 17042
15	Wesner Coal Co. BP	W. J. Wesner	R. D. 2	Tamaqua 18252
28	West Cameron Coal Co. DM	Robert Erb	410 N. Shamokin St.	Shamokin 17872
13	Western Mining Corp. DM	Bruno Ferretti	913 Wyoming Ave.	W. Pittston 18643
29	West Point Coal Co. DM	J. Petrovich	14 W. Willow St.	Shamokin 17872
19	Westwood Coal Co. DM	Charles Martin	R.D. 1, Box 89	Shamokin 17901
19	West West Coal Co., Inc. DM	Leo Strenkoskie	P. O. Drawer 1	Minersville 17954
18	Whippoorwill Coal Co. DM	Joseph Tarconish	Washington Street	Sacramento 17953
26	White Birch Coal Co. DM	Neil DeLance	118 West Oak St.	Shenandoah 17976
12	White's Vein Coal Co. DM	Clayton Shade		Sacramento 17968
15	Wiconisco Washery, Inc. bk	T. J. Reilly	P. O. Box 219	Hazleton 18201
18	Williams Coal Co. DM	Evan Williams	New Phila.	17959
21	Williams Coal Co., Elmer DM	Elmer Williams	R.D. 1, Box 249-B	Ashland 17921
16	Williamson Coal Co. DM	A. R. Williamson	Valley View	17983
29	Windsor Coal Co. DM	W. Shappell	938 Center Street	Shamokin 17872
23	Witkoski Coal Co. DM	Alphonse Witkoskie	206 Third Street	Ranshaw 17866
12	Wolfe Coal Co. DM	William Wolfe	307 North Street	Williamstown 17098
19	Woodside Mining Co. DM	John Olenick	R.D. 1, Box 117-A	Pottsville 17901
21	Woratyla Coal Co. DM	Andrew Woratyla	P. O. Box 2	Llewellyn 17944
23	Yanik Coal Co. DM	Joseph P. Yanik		Excelsior 17825
18	Yob Coal Co. DM	Leo Yob	R. D. 1	Schuylkill Hav. 17972
20	Yost Coal Co. DM	Edward Yost	51 S. Pine Street	Mt. Carmel 17851
21	Z. & B. Coal Co. DM	Robert Allison	R. D. 1	Pine Grove 17963
12	Z. & R. Coal Co. DM	William Reiner		Orwin 17980
18	Zakrewsky Coal Co. DM	Peter Zakrewsky		Tamaqua 18252
3-23	Zanella Brothers S DM	John Zanella	11 Doolyville	Mt. Carmel 17851
23	Zigarski Coal Co. DM	Albert Zigarski	1433 Poplar Street	Kulpmont 17834
21	Zimmerman Coal Co., Marlin DM	Marlin Zimmerman	Ravine	17966

NOTE: DM - Denotes Deep Mines
 S - Denotes Strip Mine Operations
 B - Denotes Breakers
 BP - Denotes Breaker Preparation Only
 M - Denotes Maintenance
 W - Denotes Washery
 bk - Denotes Bank Operations
