

COMMONWEALTH of PENNSYLVANIA  
DEPARTMENT of MINES and MINERAL INDUSTRIES



**Anthracite Coal Division**

*1963*

*Annual Report*

**Harrisburg, Pennsylvania**

**WILLIAM W. SCRANTON**

Governor

**H. B. CHARMBURY**

Secretary of Mines and Mineral Industries

6-23-63  
P-41  
1963  
Pl. 1

HD  
9547  
P4  
A34  
1963

60046  
8-17-64



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND  
MINERAL INDUSTRIES  
HARRISBURG

H. B. CHAMBURY  
THE SECRETARY

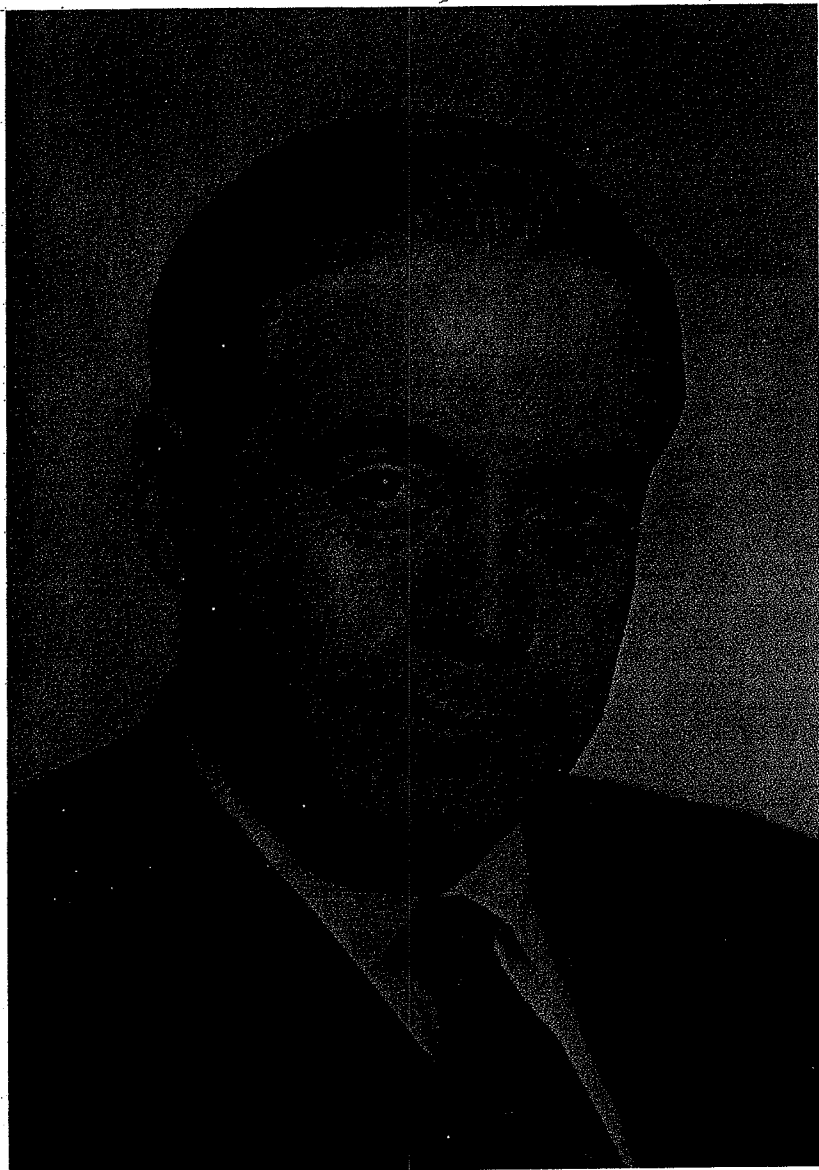
May 1, 1964

Honorable William W. Scranton  
Governor of Pennsylvania  
Harrisburg, Pennsylvania

Dear Governor:

In compliance with the Act of April 14, 1903, I  
transmit herewith the Report of the Department of Mines and  
Mineral Industries for the year ending December 31, 1963,  
covering in detail the operations in the Anthracite Division  
of Pennsylvania.

Respectfully submitted,  
*H. B. Chambury*  
H. B. Chambury  
Secretary of Mines  
and Mineral Industries



WILLIAM W. SCRANTON  
GOVERNOR OF PENNSYLVANIA

William W. Scranton was elected Governor of Pennsylvania on November 6, 1962, and inaugurated as Pennsylvania's 103rd Governor on January 15, 1963.

Governor Scranton was born on July 19, 1917, in Madison, Connecticut. He was graduated from Yale University with the degree Bachelor of Arts in 1939 and from the Yale Law School with the degree Bachelor of Laws in 1946. He was married to Miss Mary L. Chamberlin on July 6, 1942. Governor and Mrs. Scranton have four children: Susan, William W., Joseph C. and Peter K.

He is a veteran of the United States Air Force, serving in World War II as a pilot and operations officer, and left active duty with the rank of Captain. He is presently a Major in the Air Force Reserve.

Governor Scranton served as Special Assistant to Secretary of State, Christian A. Herter, during the Eisenhower Administration. He administered the Secretary's private office, interpreted United States foreign policy for the press and represented the United States at conferences in Latin America, at the North Atlantic Treaty Organization and at the United Nations.

In November, 1960, he was elected to the 87th Congress from Pennsylvania's 10th District, and served on the Banking and Currency Committee.

He is or has been a Director, Boys Club of Scranton; Family Service of Lackawanna County; vice-president, President's Council University of Scranton (administered by Jesuit Fathers); trustee, Westminster Presbyterian Church; trustee, Keystone Junior College, LaPlume, Pa.; director and member of executive committee Scranton Chamber of Commerce; member-at-large, National Council of Boy Scouts; vice-president of board of directors, Geisinger Memorial Hospital and Foss Clinic, Danville, Pa.; special advisory committee and executive committee United Community Chests and Councils of America; campaign chairman 1957 Lackawanna United Fund. He has received the B'nai B'rith Americanism Award and the St. David's Society Distinguished Citizens Award.

Among firms that Governor Scranton has served as member of board of directors (resigned all after election to Congress) are International Salt Company, Lackawanna Railroad, International Correspondence Schools World Ltd. and International Textbook Company.

Governor Scranton is a member of the American Legion, Veterans of Foreign Wars; Lackawanna Bar Association; Pennsylvania Bar Association; Reserve Officers Association of United States; Friends of Scouting, Forest Lakes Council, Boy Scouts of America; Lackawanna Historical Society; Everhart Museum Association; Pennsylvania Farmers Association; American Farm Bureau Federation; Scranton Advertising Club; Seniors International, Scranton Chapter No. 1; Lackawanna County Federation of Sportsmen's Clubs; National Rifle Association of America; Scranton Chamber of Commerce; Mid-Valley Old Timers Athletic Association and a variety of other civic groups and organizations.

Governor Scranton is the son of the late Worthington Scranton, long active in Pennsylvania politics, and the late Marion Margery Scranton, Republican National Committeewoman from Pennsylvania from 1928 to 1951 and National Vice-chairman from 1940 to 1944.

H. B. CHARMBURY, SECRETARY  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES

H. Beecher Charnbury was appointed Secretary of Mines and Mineral Industries on January 30, 1963, by Governor William W. Scranton.

He was born on September 21, 1914, in Hanover, Pennsylvania. He attended the Hanover Public Schools and in 1932 was graduated from Hanover High School. In 1936, he was graduated Cum Laude from Gettysburg College, with the degree Bachelor of Arts, in 1937 from the University of Pennsylvania, with the degree Master of Science, and in 1942 from the Pennsylvania State University with the degree Doctor of Philosophy.

He was married to Miss Mildred Louise Wentz in June, 1938. Dr. and Mrs. Charnbury have two children: Deborah Louise and Thomas Elert.

From September, 1937, to January, 1963, Dr. Charnbury was employed by the Pennsylvania State University, serving successively in the positions of Research Assistant, Assistant Professor, Associate Professor, and eventually Professor and Head of the Department of Mineral Preparation.

In 1958 he was an invited lecturer at the Third International Coal Preparation Congress at Liege, Belgium, and in 1962 he was an invited lecturer at the First European Symposium on Size Reduction at Frankfurt, Germany.

He has served as technical consultant to various companies, organizations and municipalities on problems related to the preparation, beneficiation and utilization of bituminous and anthracite coals and metallic and non-metallic minerals in addition to problems related to the causes and control of air pollution.

Secretary Charnbury has prepared many papers which have been published. A few of them are listed below:

Advances in Coal Preparation, Mechanization, Vol. 26, No. 9, Pages 28-34 (September, 1962)

Traprock Fill Creates Urban Headaches, Rock Products, Vol. 65, No. 9, Pages 106-112 (September 1962)

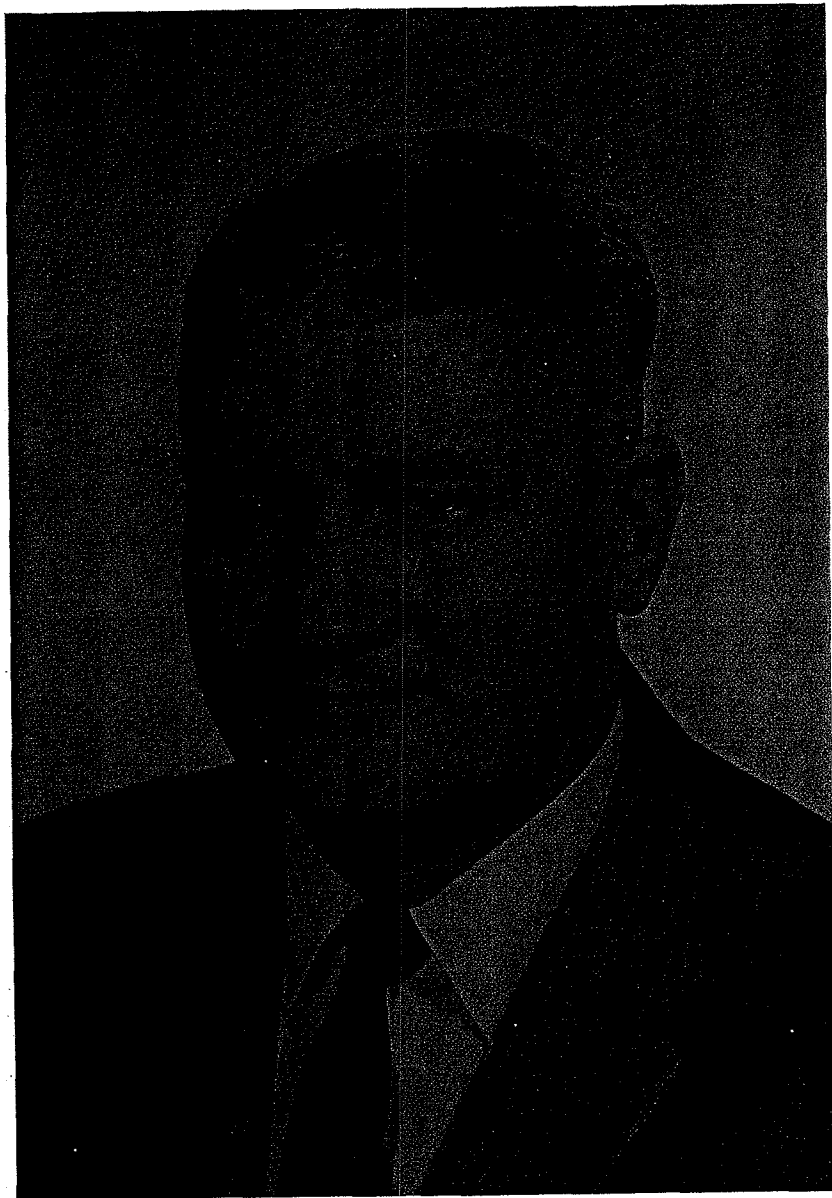
Pinches Sluice to the Rescue, Rock Products, Vol. 65, No. 2, Pages 73-74 (February 1962)

Precise Control for Utility and General Industrial Coal, Utilization, 15, No. 7, Pages 11-13 (July 1961)

The Secretary is a member of the American Institute of Mining, Metallurgical and Petroleum Engineers, the American Chemical Society, the American Mining Congress, the American Association of University Professors, the American Society for Engineering Education and the National Academy of Sciences.

He is a member also of the Grace Lutheran Church of State College, Pennsylvania; Patmos Lodge No. 348, F. & A. M.; B. P. O. Elks, of which he is the present State President; and Centre Hills Country Club. In 1960, he was elected Chairman of the Centre County Republican Executive Committee, and in 1962 was re-elected. He resigned from the chairmanship in January, 1963, to accept appointment to the Governor's Cabinet.

Secretary Charnbury 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.



## HIGHLIGHTS OF 1963

The year 1963 saw the beginning of a variety of new endeavors and the improvement and expansion of the other activities in the Commonwealth of Pennsylvania's Department of Mines and Mineral Industries. Several new and expanded functions of the Department were the results of new laws passed by the 1963 Session of the Legislature as part of the legislative program of Governor William W. Scranton. Other innovations were instituted by the Secretary, H. B. Charnbury.

A critical review of the events, challenges, changes and programs of the past year are presented herewith. Basically, there are a variety of separate programs including the development of a new mine rescue technique which has since been used in other parts of the world to save the lives of miners trapped by mine cave-ins. Other programs were involved in the administration and enforcement of the anthracite and bituminous mining laws, the reclamation and restoration of abandoned deep and strip mines, the expansion of an anthracite mine drainage program and a mine subsidence insurance program, the development of a new practical coal research program to help the coal industry in the future and to help the people of the coal-producing areas by curing the ills of the coal mining industry in the past, and finally the conservation and regulation of oil and gas operations within the Commonwealth. In addition, much time was devoted by the Department to assisting the Legislature develop the most effective anthracite and bituminous strip mining laws that we have in this country today. Some time was devoted also to making preparations for the proper administration and enforcement of the strip mining laws which became effective during the close of the current year and the beginning of the new year.

The Department's activities during the last year, together with plans for the future, are presented in the Budget Message for the Joint Senate and House Appropriations Committee which was prepared by Secretary Charnbury, January 29, 1964. The text of that Budget Message, not including appendixes consisting of detailed statistics, is as follows:

For the fiscal year 1963-64, two million one hundred and ninety nine thousand, three hundred and eighty-five dollars (\$2,199,385) was made available to the Department of Mines and Mineral Industries for general government operations from the general fund appropriations. This represents a reduction of five hundred and forty two thousand, six hundred and forty-two dollars (\$542,642) or 19.8% from the amount actually spent the previous fiscal year (1962-63) for general government operations. This reduction was made possible by a decrease in personnel, by increasing work loads, by eliminating multiple duplication of work, and by being able to cover costs of certain functions with State-Federal funds rather than with State funds alone.

During the year, however, there were several unforeseen events which happened that now make it necessary to ask for additional appropriations. First, there was a mine disaster which no one could predict that required the expenditure of certain funds and second, there were certain technological developments which occurred that now make it possible at least to tackle the problem of burning refuse banks in the coal producing areas. For these reasons Governor Scranton has requested additional appropriations for the Department of Mines and Mineral Industries totaling three hundred and eighty six thousand, six hundred and seven dollars (\$386,607). Of this amount sixty-one thousand, six hundred and seven dollars (\$61,607) are requested to pay the state's small share of the Shepton mine disaster and three hundred and twenty-five thousand dollars (\$325,000) are requested to tackle the vexing problem of burning culm dumps.

### SHEPTON MINE DISASTER

The mine disaster occurred on August 13, 1963, when three men were trapped by a cave-in in an anthracite coal mine near Shepton, Pennsylvania. The mine was owned and operated by the Fellin Coal Company. David Fellin, one of the men trapped in the mine, and Eugene Gibbons are co-owners of the Company. Shortly after arrival on the scene, the Secretary and the Deputy Secretary of the Department were informed by Mr. Gibbons that the Company had no funds to pay for the rescue operation. Consequently, the Department officials had a great moral responsibility but no legal authority for the expenditure of funds. Three men's lives were at stake, important decisions had to be made, and local public sentiment was very strong. Time did not permit a legal investigation before starting operations. A legal investigation of the financial status of the Company was ordered by the Department to proceed concurrently with the rescue operation. The legal investigation confirmed Mr. Gibbons' report.

Fortunately, the rescue operation was a success resulting in the saving of two miner's lives. The method of rescue was completely new. In fact, since then it has been used in other parts of the world. It is quite possible that the method may be used in the future to save other miners' lives.

The method of rescue required action on the part of the Secretary and the Deputy Secretary to obtain equipment and supplies to do the job, and after it was discovered that the men were alive more equipment and supplies had to be ordered. This was done without any hesitation but with full knowledge of the financial status. For this action the Secretary and his Deputy must take full responsibility.

Again, fortunately, the progress of the rescue operation was so highly publicized that it became a demonstration of concern for humanity which resulted in people all over the country setting aside any thought of cost by contributing their time, talents and facilities. Miners, who had worked an eight-hour day, came to the rescue scene and volunteered an additional four to twelve hours to help. Some helpers did not even leave the scene, but ate and slept there to be on hand for all emergencies. Coal companies, drilling companies and other companies sent their highly technically qualified officials free of charge to the scene to provide technical advice and help. Industrial companies from all over the country volunteered their equipment and supplies. Even schoolboys from the area helped to do many a job that had to be done. Government agencies of all types contributed ever so much to the rescue operation. If all labor, professional services, equipment, supplies and other expenditures had to be paid for, it is estimated that the total cost of the rescue operation would be between \$300,000 and \$500,000. The total expenditures amounted to \$61,606.95.

### BURNING CULM PILES

One of the problems of great concern to the health and safety of the people of the coal producing areas as well as the overall economic development of these areas is that of burning refuse banks. It is estimated that there are at least 200 of these burning banks within the Commonwealth at the present time. Unfortunately, there is no known method which is completely satisfactory to extinguish these banks. However, it is possible, in some cases, when a fire is just starting in one of these banks to dig it out and thus prevent the entire bank from catching fire and burning for years. It is also possible, in some cases, to cut-off a portion of a burning bank to prevent the spreading of the fire.

At the present time, there are no funds in the State that can be legally used to cut a hot spot out of a burning bank or to prevent the spreading of a fire into a new portion of a bank. Consequently, Governor Scranton has recommended an additional appropriation of two hundred thousand dollars (\$200,000) to the Department of Mines and Mineral Industries to be used immediately for these emergency activities. It is understood that these funds are to be used in special cases to prevent the spreading of fires and not for the general purpose of extinguishing present fires.

### THE BURNING ASHLEY BANK

One of the most serious of all the burning refuse banks in the Commonwealth today is the one located near Ashley. This is a large bank containing about 6 million tons of burning material. The people in this area are vitally concerned with this bank and are willing to take some action to fight this fire.

During the past two years, research work on the elimination of air pollution from burning culm banks has been in progress at The Pennsylvania State University. This work was made possible by a grant from the Federal Department of Health, Education and Welfare. Governor Scranton, who was then Congressman Scranton, was most helpful in securing the grant for the University. At that time, the present Secretary of Mines was the recipient of the grant and started the original research work. For the past year this work has been continued at the University under the direction of Mr. James Kindig and Dean David R. Mitchell. It has now progressed to the point where it is believed that a pilot plant should be placed in operation at some burning bank to continue the development of a sound method for extinguishing these fires. A proposal for such a plant has now been submitted to the Health, Education and Welfare Department. Where such a plant, if approved, would be located would be determined by the investigators at the University.

In the meantime, the Northeastern Pennsylvania Industrial Development Council and the Pennsylvania Department of Mines and Mineral Industries are preparing a proposal to be submitted to the Area Redevelopment Administration for fighting the fire in the Ashley bank, based upon the Penn State process. The proposal will call for the design, construction and operation of a large pilot plant at the Ashley bank. The total expenditure of funds for the ARA program would be five hundred thousand dollars (\$500,000). Of this amount, the Department of Mines and Mineral Industries would contribute \$125,000, the NPIDC would contribute \$125,000, and the ARA would contribute \$250,000. The \$125,000 included in this proposal along with the \$200,000 listed above for special refuse bank fires constitutes the \$325,000 requested by Governor Scranton to tackle the vexing problem of burning culm dumps.

#### THE 1964-65 BUDGET REQUEST

Assuming the Legislature would approve the additional appropriations requested above for 1963-64 totaling three hundred and eighty six thousand, six hundred and seven dollars (\$386,607) the total general fund appropriations would amount to two million five hundred and eighty five thousand, nine hundred and ninety two dollars (\$2,585,992). This is still a reduction of one hundred and fifty six thousand, thirty five dollars (\$156,035) or 5.7% less than the actual expenditures from this fund for the 1962-63 fiscal year.

The budget request for general government operations from the general fund appropriation for the Department of Mines and Mineral Industries for the 1964-65 fiscal year is two million two hundred and ninety five thousand, four hundred and thirty four dollars (\$2,295,434). This represents a reduction, assuming the above additional appropriations are approved, of two hundred and ninety thousand five hundred and fifty eight dollars (\$290,558) or 11.2% less than the amount available for the 1963-64 fiscal year. This amount requested for 1964-65 is four hundred and forty six thousand, five hundred and ninety three dollars (\$446,593) or 16.3% less than the amount actually spent during the 1962-63 fiscal year.

The two million two hundred and ninety five thousand, four hundred and thirty four dollars (\$2,295,434) requested for general government operations are for the enforcement of the mining laws and the promotion of the mining and mineral interests of the Commonwealth and for the welfare and safety of persons employed in and about the anthracite and bituminous coal mines and the oil and gas production operations within Pennsylvania. These funds are to be used for five separate programs including executive and general administration, the enforcement and administration of our bituminous mine laws, the enforcement and administration of our anthracite mine laws, our abandoned coal mine services, and the conservation and regulation of our oil and gas operations. Each of these will be discussed separately.

#### EXECUTIVE AND GENERAL ADMINISTRATION

The funds for executive and general administration maintain the office of the Secretary. It is the Secretary's responsibility to supervise, coordinate and administer all programs in the Department and to keep the Governor and his staff and the members of the Legislature, as well as the general public, informed on all activities of the Department. The Secretary also serves as Chairman of the Bituminous Land Reclamation Board, the Anthracite Land Restoration Board, the Coal Research Board, the Anthracite and Bituminous Coal Mine Subsidence Board, the Oil and Gas Conservation Commission, the Anthracite and Bituminous State Mine Inspectors Examining Boards, the State Oil and Gas Inspectors' Examining Board and the Anthracite Mine Drainage Commission. He also serves as Vice Chairman of the Anthracite Allocation Committee as well as a member of the Sanitary Water Board, the Air Pollution Commission and the Board of Trustees at the Pennsylvania State University.

In order to have a more efficient operation in carrying out the duties and responsibilities of the office there has been a reorganization in the Department during the past year.

The field services under the Deputy Secretaries remain essentially the same. There have been added, however, several staff positions - two by legislative action and two by administrative action. Two of the staff positions had already been established and it is hoped that a new one, a Director of Mine Safety, can be established sometime in the future.

The Bureaus of Conservation and Reclamation for both the Anthracite and Bituminous areas were established by the Legislature to control the new strip mining laws. Details of these will be discussed later.

There were created during the past year two directorships - a Director for the State-Federal Anthracite Mine Drainage Program and a Director of Research and Development. The former was necessary to direct the stepped-up activities in the drainage program resulting from state and federal legislative action to expand the scope of utilizing these funds. The funds are now being used to flush underground abandoned mines to prevent surface subsidence and they are also being used to fight underground mine fires.

A Director of Research and Development also has been appointed to help formulate and direct an increased practical research program which is now possible because of legislative action broadening the scope to which research funds can be used. Research is being conducted on mine safety, land reclamation from strip mining, air and stream pollution and other problems related to the coal industry as well as on new uses for coal.

Mine safety is one of the problems of great concern to Governor Scranton and was of great concern to the late President Kennedy. Governor Scranton put Pennsylvania in the lead with other states by appointing a Mine Safety Commission consisting of three independent registered professional mining engineers to review our current mining laws and methods of enforcement and to make recommendations for improvement. The funds for this commission (not to exceed \$5,000) were obtained from the executive and general administration portion of the Department's budget.

For the fiscal year 1964-65 a request is made for two hundred and twenty one thousand and fourteen dollars (\$221,014), representing an increase of seven thousand four hundred and fifty one dollars (\$7,451) or 3.4% over and above that available in the budget for the 1963-64 fiscal year.

#### ENFORCEMENT AND ADMINISTRATION OF BITUMINOUS MINE LAWS

The funds for the enforcement and administration of the bituminous mine laws are used basically for the protection of the health and safety of the Pennsylvania bituminous coal miners and the protection of the people of the Commonwealth against damages from bituminous mining operations. In addition to the routine deep and strip mine inspections there were 25 special investigations most of which were concerned with the use of new equipment representing advancements in the mining industry. Also, 14 special applications for mining under bodies of surface water were processed and 236 investigations were made on complaints by citizens of the Commonwealth to insure satisfactory mining operations. The Department staff also checked on 395 strip mine drainage applications and submitted reports to the Department of Health. Also, 876 applications for waste disposal permits in the bituminous area were investigated along with routine inspections of these areas. Complete dust surveys were made in 5 deep mines to obtain data for the Department of Health. A total of 246 applications were investigated and processed for mine subsidence insurance policies. The Department planted over 87 thousand tree seedlings and over 7 thousand pounds of grass seed on about 370 acres of reclaimed stripping areas as a part of our "blitz" program for the reclamation of abandoned strip mines. Finally, over 3,000 men were trained and certified in first aid work and 380 men were trained and certified in mine rescue work. These are the services provided by the funds for the enforcement and administration of the bituminous mining laws.

In the 1964-65 budget, we are requesting five hundred and forty nine thousand seven hundred and fifty one dollars (\$549,751) to continue these services. This represents an increase of six thousand two hundred and fifty four dollars (\$6,254) or 1.1% over the amount available for 1963-64.

#### ENFORCEMENT AND ADMINISTRATION OF ANTHRACITE MINE LAWS

The funds for the enforcement and administration of the anthracite mining laws are used to protect the health and safety of Pennsylvania anthracite miners and to protect the public welfare from damages during mining operations. In addition to routine deep and strip mine inspections throughout the year there was a revision of the mine inspection districts in order to equalize work loads and provide more efficient inspections of mines of all sizes. This revision was made necessary by reducing the number of deputies in the anthracite area from two

to one. In particular, efforts were made to bring about greater safety measures in the smaller mines. As a result, every mine in the anthracite area now has a safe second opening or the total effort at the mine is concentrated on making a second opening.

During the year it was necessary to institute a training program on the care and use of flame safety lamps for protection against mine explosions, particularly in areas where gaseous and nongaseous mines are intermingled.

First-aid and mine rescue classes were conducted in the area for the miners.

Waste disposal areas were inspected along with applications for waste disposal permits. A total of 1,011 inspections were made for mine subsidence insurance policies.

Over one and one-half million trees were planted on 1,160 acres of reclaimed strip mine lands in six different counties of the anthracite area. Funds for the trees were obtained from fees received from stripping operators but personnel were paid from funds for the administration of the anthracite mining laws.

Finally, great credit must go to the Deputy Secretary in the anthracite area and his entire staff for their heroic effort in the historic rescue of David Fellin and Henry Throne from their entombment at the Sheppton mine last August.

In order to continue to provide the services of enforcing and administering the anthracite mining laws, the Department is requesting five hundred and twenty-two thousand, one hundred and seven dollars (\$552,107) in the 1964-65 fiscal year budget. This represents an increase of fifteen thousand, four hundred and eighty three dollars (\$15,483) or 3.1% over the amount available in the 1963-64 budget.

#### ABANDONED COAL MINE SERVICES

The funds for the abandoned coal mine services are used basically to correct conditions caused by early mining operations that are detrimental to public welfare. These funds are used to seal abandoned deep mines, to back-fill abandoned strip pits, to flush underground abandoned deep mines for the prevention of surface subsidence, and to fight underground mine fires.

During the past year the Department conducted 62 projects under this program.

Forty-three of these projects were conducted in eleven counties in the bituminous coal area of the Commonwealth and 19 projects were conducted in five counties in the anthracite area.

Forty of the projects were conducted using State-owned equipment operated by State employes and 22 were conducted through contracts with the lowest responsible bidders. Five of the contract projects were conducted using equally matched State and Federal funds; these projects were limited to extinguishing mine fires.

Eighteen of the projects consisted in sealing deep mine shafts and other openings to abandoned underground mines and 30 projects were backfilling abandoned open pit mines. Two projects consisted in flushing underground voids in abandoned coal mines to support the overlying surface. Twelve projects were involved in extinguishing mine fires.

The funds requested in the 1964-65 budget amount to eight hundred and sixty eight thousand and eighty seven dollars (\$868,087). This represents a decrease of two hundred and eighty one thousand, seven hundred and one dollars (\$281,701), or 24.5% from the amount available in the 1963-64 budget. However, the large decrease is due to the fact that the three hundred and twenty five thousand dollars (\$325,000) asked for above would be added to this fund should it be approved.

#### CONSERVATION AND REGULATION OF OIL AND GAS OPERATIONS

The funds for the conservation and regulation of oil and gas operations are used basically to control the drilling and plugging of all oil and gas wells within the Commonwealth as well as to promote the utilization and to prevent the physical waste of these natural resources. In particular, control of drilling is exercised in those areas where the wells penetrate workable coal seams to provide safety of personnel in underground coal mines. Control is also exercised over the 64 active underground gas storage reservoirs adjacent and/or subjacent to active coal areas.

This past year has been Pennsylvania's most active year as far as issuing drilling permits is concerned. Approximately 413 permits were issued during the year. This is an increase of 19% over the previous year. In addition 612 wells for which permits are not required were drilled in non-coal areas. Wells were drilled in 34 counties of the Commonwealth - 60% of the total wells were drilled for gas and 40% were drilled for oil. Approximately 15% of the wells completed were dry holes.

Probably the most interesting development was the starting of a drilling operation in Centre County planned to go to the unusual depth of about 12,000 feet. As of the first of the year 1964, this well was down about 5,000 feet. Geologists as well as petroleum and natural gas engineers throughout the entire eastern part of the United States will be observing the development of this well with much interest.

No new underground storage reservoirs for natural gas were developed during the year, but Pennsylvania still leads all other states with storage capacity. Investigations are continuing for more storage areas.

The Oil and Gas Conservation Commission issued its first spacing orders during the year. A total of 7 hearings were conducted and 4 orders were issued. In addition to the hearings the Commission held 24 separate meetings to discuss various phases of administering the Oil and Gas Conservation Act.

For the 1964-65 fiscal year there is requested in the budget one hundred and thirty seven thousand nine hundred and seventy five dollars (\$137,975) to continue to provide the people of the Commonwealth and the industry with these services. This represents an increase of four thousand six hundred and twenty two dollars (\$4,622) or 3.5% over the amount available for the 1963-64 fiscal year.

#### COAL RESEARCH

At these appropriation hearings last year a research program was outlined placing more emphasis on the practical application of research to provide a service to the people of the Commonwealth as well as the coal industry. It was pointed out that practical research was necessary to help correct some of the problems of the coal industry as well as to provide new uses and new markets for coal. The legislature cooperated with this program by amending the coal research act to make this type of research possible and by providing a continuing fund of four hundred and seventy five thousand dollars (\$475,000) for the research. This program as outlined has now been started.

Institutions in the Commonwealth that conduct coal research were contacted and asked to submit proposals for research in the general areas as outlined. A Coal Research Board was appointed by Governor Scranton and a Director of Research and Development was appointed by the Board. Research proposals totaling 2.6 million dollars were submitted to the Board by the various institutions. These proposals were screened by the Board members, by the Director of Research, and by the Secretary of the Department. Certain proposals were then selected for further investigation and the Board, Director and Secretary then visited the various institutions to observe their facilities and to discuss the proposals with the various principal researchers. Later the Board met and approved 15 proposals totaling three hundred and thirty four thousand, two hundred and fifty dollars (\$334,250) with the understanding that those proposals which called for renewal and those proposals which indicated satisfactory progress would be renewed for a second year provided that sufficient funds were available.

Two of the 15 proposals totaling seventy five thousand dollars (\$75,000) are concerned with the development of a coal-mineral complex involving the use of

coal and the processing of minerals directly associated with the coal. One proposal amounting to fifteen thousand dollars (\$15,000) is concerned with transportation or the optimization of mine production systems to provide lower cost mining. Five proposals totaling one hundred and five thousand dollars (\$105,000) are concerned with correcting conditions resulting from early mining operations. This type of work is essential in order to make the coal-producing areas of the Commonwealth more attractive to other industrial development activities. These proposals call for work on air and stream pollution and on land restoration from strip mining. Two proposals totaling forty-five thousand dollars (\$45,000) call for research on the prevention of mine disasters to protect the health and safety of the miners. Three proposals totaling fifty-two thousand dollars (\$52,000) are involved in coal marketing research to improve domestic and foreign markets for coal, and finally, two proposals totaling forty-two thousand, two hundred and fifty dollars (\$42,250) are concerned with special methods of coal utilization.

The 1964-65 fiscal year budget requests five hundred thousand dollars (\$500,000) for coal research. If this is approved, a highly stepped-up practical research program on air and stream pollution will be put into effect. Advantage will be taken of the voluminous basic research done in the past and now in progress on these subjects to develop pilot plant operations for actual field work.

It is proposed to build a pilot plant to process non-burning coal refuse banks to eliminate these unsightly conditions in the coal areas and thus eliminate a potential air pollution hazard. The processing would consist of separating the combustible from the non-combustible material in the bank. The combustible material has a potential market as a low grade fuel, and one of the utility companies has agreed to take this product at a price to use it for their own experimental research work. The non-combustible material has a potential market as flush solids to be used underground for the prevention of surface subsidence. Furthermore, current research now being supported by the Coal Research Board is concerned with the development of other more profitable uses for this material. If a pilot plant operation such as the one just described should prove to be technically sound and economically feasible, it would (1) eliminate a potential air pollution hazard, (2) eliminate an unsightly condition and improve the attractiveness for other industrial developments, (3) reclaim the land for other uses than the storage of rock and bony material, (4) provide a low cost fuel for utilities, and (5) provide a more suitable material for flushing abandoned coal mines to prevent surface subsidence or other uses.

Furthermore, it is proposed to take advantage of past and current basic research on stream pollution and to design, construct, and operate one or possibly more small portable pilot plants to process mine drainage water. Processes would be designed to remove iron and/or acids from such water on an economical basis. One of the steel companies has expressed interest in the program and has agreed to take any iron removed from the water at a price for their experimental research work to determine if this material can be used. Certain segments of the coal industry also have expressed interest in the program and one segment, the captive group representing eight of the major steel companies in the State, has made a financial contribution to help match the funds for this purpose as well as pledging their full support in implementing the program. The successful operation of this program would lead the way and play a large part in helping to clean up the streams and rivers of Pennsylvania.

#### ANTHRACITE STRIP MINING RESTORATION

During the past year, legislation was enacted requiring proper restoration of land affected by the strip mining of anthracite coal. This law became effective on November 12, 1963. Basically, it requires the coal operator to completely backfill all pits to approximate original contour or, in the case of exceptionally deep pits, the amount of backfill shall be determined by a Land Restoration Board or the Board may approve alternative plans of restoration for other purposes. Since the law became effective, it means that 92% of all the pits being made will be returned to approximate contour.

The law also establishes within the Department of Mines and Mineral Industries a Bureau of Anthracite Conservation and Reclamation with a staff to properly administer the law. The staff consists of a Director of the Bureau, two Field Investigators, a Forester, a Mine Restoration Foreman, and two clerical employees. The enforcement of the law is performed by the Deputy Secretary and twenty-two Anthracite Coal Mine Inspectors.

There is established by the law an Anthracite Land Restoration Board as previously mentioned. Since the law became effective, the Board has held three meetings and acted on 14 applications for permits to conduct strip mining operations. To date 82 strip mining operators have been issued licenses.

There are no funds requested from the general fund appropriations in the 1964-65 fiscal year budget for these operations. The budget for the administration of this act has an estimated expenditure of forty-five thousand sixty dollars (\$45,060) for the year. The income for these expenditures will come from the anthracite coal operators. It is anticipated that twenty-four thousand dollars (\$24,000) will be obtained from operators' license fees and that twenty-one thousand, sixty dollars (\$21,060) will be used from the reserves in the anthracite strip mining fund built up from fees in previous years.

It is anticipated that this reserve will also be used to backfill abandoned strip pits of previous mining operations. During the past year, legislation was enacted to permit the utilization of the funds for this purpose.

#### BITUMINOUS STRIP MINING CONSERVATION AND RECLAMATION

The passage of legislation amending the Bituminous Coal Open Pit Mining Conservation Act will properly control unnecessary land devastation and water pollution. It should also eliminate the need for any further major changes in the Act and thereby help to stabilize the economy of the industry so that the supply of coal to meet a growing demand can be assured. Basically, the law requires proper water handling to prevent acid formation during mining operations and then proper backfilling of all pits to obtain land conservation and reclamation. The law also requires the Department to have full responsibility for investigating, examining, reporting and being the enforcement agent of the Sanitary Water Board in the Department of Health.

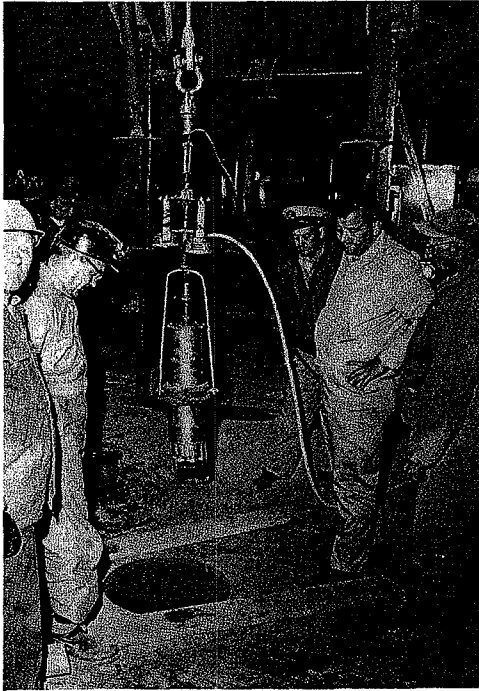
The law, which became effective January 1, 1964, also establishes within the Department a Bureau of Conservation and Reclamation with a staff to properly administer the law. To date, the staff consists of a Director of the Bureau, a Sanitary Engineer, two Bituminous Coal Mine Inspectors, three Mine Drainage Engineers, three Field Investigators, one Forester and four clerical employees. In order to complete the staff it is anticipated to employ an additional five Bituminous Coal Mine Inspectors, five Mine Drainage Engineers, two Field Investigators and three clerical employees. For the present, until the complete staff can be properly organized, the thirty Bituminous Coal Mine Inspectors and the Deputy Secretary will assist in the enforcement of the law.

There is also established by the law a Land Reclamation Board to act on applications for bituminous strip mining permits which call for the reclamation of the land other than complete backfilling to approximate original contour or terrace backfilling. To date, the Board has held four meetings, primarily concerned with establishing policy. The Board has approved five applications, and postponed five pending additional information. In addition, the Secretary has approved seventy-five applications and four hundred and thirty more are being investigated for further action. To date, also, three hundred and forty-seven bituminous strip mining licenses have been issued to operators.

In order to promote the program of bituminous strip mining conservation and reclamation, a budget request from the general fund appropriations for the fiscal year 1964-65 is made for two hundred and seventy-two thousand, seventy dollars (\$272,070). This is in addition to the ninety thousand dollars (\$90,000) anticipated from operators license fees. The breakdown of this budget request includes two hundred and fifteen thousand, five hundred and eighty-four dollars (\$215,584) for salaries, ninety-five thousand, six hundred and five dollars (\$95,605) for supplies, and fifty thousand eight hundred and eighty-one dollars (\$50,881) for equipment.

\*\*\*





TV Camera used to examine escape hole and search for Mr Bova.



The cave breakthrough on the surface after rescue operations were completed.

# STATISTICAL REPORTS





THIRTY-FIVE YEAR STUDY OF ANTHRACITE, BY COUNTIES #

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	1,325,996	498,917	566,352	9,879,932	17,094,203	4,008,190	10,214,942	85,557	350,847	29,205	44,054,141
1930	738,578	257,535	371,794	7,689,354	12,990,705	3,010,032	6,482,976	38,484	52,749	43,458	31,675,665
1931	730,607	230,208	349,013	6,288,064	10,359,468	2,100,810	4,748,290	38,404	46,601	67,648	24,959,113
1932	537,711	160,097	276,268	5,011,732	7,724,183	1,822,717	3,516,543	67,632	25,763	31,228	19,173,874
1933	455,966	157,495	244,098	4,462,932	7,539,709	1,681,984	3,601,752	54,129	38,976	64,680	18,301,721
1934	756,434	206,878	248,595	5,384,563	8,991,190	1,958,718	4,097,456	88,891	53,800	56,430	21,842,955
1935	727,462	178,122	195,668	4,301,651	7,899,403	1,724,406	3,570,398	85,202	87,390	44,585	18,814,287
1936	781,883	367,474	141,498	4,439,859	8,048,873	1,606,329	3,598,172	127,098	4,275	39,496	19,154,957
1937	725,560	378,726	176,737	3,564,769	8,680,115	1,395,236	3,406,363	52,506	13,648	9,714	18,403,374
1938	783,486	372,549	175,948	3,162,859	7,699,347	1,316,707	3,039,160 a	28,581	3,570	3,257	16,585,464
1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408 b	21,382	43,656	2,735	17,225,261
1940	789,147	322,265	176,868	3,288,238	7,959,512	1,328,685	3,067,419 c	24,683	20,590	2,414	16,979,821
1941	846,859	274,325	129,826	3,063,605	8,586,535	1,479,290	3,260,577 d	27,035	5,708	2,544	17,676,304
Man-days	1,021,633	349,214	21,313	3,462,164	10,163,813	1,535,344	3,972,274 e	21,884	8,066	9,432	20,565,137
1943	1,156,102	351,130	37,310	3,571,795	9,902,178	1,680,211	4,659,538 f	39,286	3,276	*	21,400,826
1944	1,446,126	500,067	46,488	3,703,717	10,246,301	1,681,792	5,125,620 q	59,589	*	*	22,809,700
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,516,281	4,783,602 h	53,892	5,054	*	20,229,484
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,356	16,225	*	21,447,939
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	5,202	*	22,392,531
1948	1,259,080	319,830	12,152	3,409,360	9,641,708	1,725,123	5,130,772 i	28,335	7,704	*	21,534,064
1949	870,672	511,400	9,553	2,618,620	6,578,335	1,405,854	4,338,959 j	12,760	16,320	*	16,362,473
1950	823,173	526,441	24,361	2,541,870	6,642,519	1,961,803	5,035,437 k	14,265	30,131	*	17,600,000
1951	738,600	369,305	27,540	2,420,001	6,110,011	1,693,285	4,340,356 m	13,652	2,250	-	15,715,000
1952	699,734	301,122	10,857	2,041,500	5,989,000	1,149,270	3,790,865 n	12,970	-	-	13,995,768
1953	502,738	211,212	9,945	1,397,249	4,483,055	880,576	2,676,234 o	8,875	-	-	10,169,884
1954	367,751	164,373	15,110	839,153	3,085,312	948,934	2,264,934	5,849	-	-	7,691,416
1955 #	377,622	152,351	31,643	842,613	3,015,005	519,882	1,768,767 p	1,933	-	-	6,709,836
1956	414,199	202,062	45,290	983,114	2,982,331	666,321	2,009,587 q	2,142	-	544	7,305,590
1957	267,133	213,100	39,381	825,397	2,364,390	670,183	1,803,776	1,820	-	-	6,185,180
1958	146,841	181,801	32,798	555,748	1,812,300	558,029	1,574,124 s	4,286	600	3,618	4,870,145
1959	88,229	142,597	32,264	602,415	1,370,903	535,469	1,382,621 t	2,950	-	536	4,157,984
1960	77,720	77,423	33,350	531,703	1,274,306	486,175	1,151,822 u	4,500	340	900	3,638,309
1961	79,052	69,179	32,200	438,525	1,139,925	408,027	1,149,644 v	4,176	363	696	3,321,787
1962	79,582	64,902	33,008	997,943	2,599,472	390,864	1,123,798 w	2,159	368	246	2,992,342
1963	102,359	55,766	38,158	259,189	1,098,611	432,184	1,100,426 x	1,730	-	2,576	3,090,999

THIRTY-FIVE YEAR STUDY OF ANTHRACITE, BY COUNTIES #

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

THIRTY-FIVE 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	384,697	522,833	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	152,139	-	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

Pro-  
duc-  
tion  
per  
fatal

THIRTY-FIVE YEAR STUDY OF ANTHRACITE, BY COUNTIES #

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

Fatal-  
ities

THIRTY-FIVE 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	8.97	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	6.97	-	-	-	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

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 "	"	"
c -	"	17,330 "	13 "	136 "	1,773 "	"
d -	"	30,716 "	26 "	187 "	4,856 "	"
e -	"	35,641 "	39 "	118 "	4,593 "	"
f -	"	21,981 "	22 "	257 "	5,654 "	"
g -	"	21,550 "	14 "	210 "	2,940 "	"
h -	"	37,690 "	41 "	241 "	9,881 "	"
i -	"	21,982 "	6 "	223 "	1,338 "	"
j -	"	21,765 "	7 "	226 "	1,582 "	"
k -	"	22,978 "	5 "	287 "	1,335 "	"
l -	"	26,567 "	13 "	308 "	2,020 "	"
m -	"	24,767 "	11 "	286 "	2,156 "	"
n -	"	6,560 "	10 "	46 "	460 "	"
o -	"	3,752 "	20 "	120 "	2,408 "	"
p -	"	6,359 "	22 "	107 "	2,358 "	"
q -	"	3,550 "	5 "	188 "	940 "	"
r -	"	9,106 "	6 "	98 "	588 "	"
s -	"	4,450 "	6 "	153 "	918 "	"
t -	"	2,770 "	3 "	230 "	690 "	"
u -	"	13,654 "	5 "	72 "	360 "	"
v -	"	13,101 "	7 "	118 "	824 "	"
w -	"	46,192 "	15 "	192 "	2,893 "	"

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 PRODUCTION  
DEEP MINED, STRIPPING AND BANK  
EMPLOYES AND FATALS**

BY COUNTY

Counties	1963						Employees By County						
	Production of Mines Employing Five or More Persons			Production of Mines Employing Fewer Than Five Persons			Percentage of Total Production	Deep	Small Deep	Strip	Bank	TOTAL EMPLOYES	Total Fatalities
	Deep Mined	Strip	Bank	Deep Mined	Strip	Bank							
Carbon	26,884	578,221	118,269	4,071	-	-	20	10	315	42	387	1	
Columbia	32,572	189,523	178,696	44,958	-	-	41	133	159	33	366	1	
Dauphin	24,133	21,122	140,297	44,772	-	-	73	92	4	18	187	-	
Lackawanna	333,270	536,888	85,091	9,226	-	-	895	24	269	51	1,239	3	
Lebanon	-	40,556	5,636	-	-	-	-	-	10	5	15	-	
Luzerne	2,672,369	2,246,677	1,488,089	5,240	-	-	2,871	13	1,482	260	4,626	12	
Northumberland	660,695	610,403	252,694	559,176	-	-	864	776	314	40	1,994	4	
Schuylkill	2,066,930	3,323,867	688,434	405,707	-	-	2,244	930	2,016	292	5,482	9	
Sullivan	2,991	5,738	-	-	-	-	5	-	8	-	13	-	
Susquehanna	-	-	-	-	-	-	-	-	-	-	-	-	
Wayne	-	-	8,007	-	-	-	-	-	-	14	14	-	
<b>Division Total</b>	<b>5,819,844</b>	<b>7,552,995</b>	<b>2,965,213</b>	<b>1,073,150</b>	<b>17,411,202</b>	<b>100.00%</b>	<b>7,013*</b>	<b>1,978</b>	<b>4,577*</b>	<b>755*</b>	<b>14,323*</b>	<b>30#</b>	
<b>Percentage of Total Production</b>	<b>33.43%</b>	<b>43.38%</b>	<b>17.03%</b>	<b>6.16%</b>	<b>100.00%</b>		<b>48.96%</b>	<b>13.81%</b>	<b>31.96%</b>	<b>5.27%</b>	<b>100.00%</b>		

NOTE: # Denotes Three (3) Fatalities Chargeable to Deep Mines Employing Fewer Than Five (5) Persons.  
\* Breaker and Washery Employees included.

**ANTHRACITE PRODUCTION (DEEP MINED, STRIPPING AND BANK), FATALITIES, PRODUCTION PER FATAL AND EMPLOYES  
BY DISTRICT  
YEAR 1963**

Dist- rict	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	W. A. Sanders, Actg.	78,379	399,547	20,052	497,978	1	-	-	1	248,989	577
3	W. A. Sanders	254,891	137,341	73,046	465,278	1	-	-	1	465,278	652
11	T. M. Beaney	813,701	1,230,638	389,350	2,433,689	7	1	-	8	304,211	1,554
12	J. A. Bugel	93,394	21,122	140,297	254,813	1	-	-	1	254,813	153
13	W. R. Devens	1,027,780	247,435	24,354	1,299,569	2	-	-	2	649,784	1,299
14	K. C. Lee	818,138	142,397	-	960,535	2	-	-	2	480,267	921
15	Ralph Ditzler	37,915	1,323,627	1,095,791	2,457,333	-	1	-	1	2,457,333	1,263
16	F. C. O'Connor	635,667	9,335	-	645,002	4	-	-	4	161,250	432
17	G. F. Kettle	151,776	323,683	22,744	498,203	-	-	1	1	498,203	184
18	P. P. Hino	132,275	889,796	122,303	1,144,374	-	-	-	-	-	663
19	J. J. Shober, Jr.	26,232	186,942	176,177	389,351	-	-	-	-	-	238
20	G. P. Gallagher	62,952	78,322	93,101	234,375	1	-	-	1	234,375	190
21	A. J. Latz	209,643	477,225	80,371	767,239	-	-	-	-	-	492
22	J. R. Ruane	12,776	491,346	178,696	682,818	1	-	-	1	682,818	433
23	J. P. Brophy	72,481	91,655	-	164,136	-	-	-	-	-	158
24	H. E. Shomper	263,146	47,749	62,312	373,207	1	-	-	1	373,207	565
25	Walter Davis	366,343	140,237	30,002	536,582	-	-	-	-	-	511
26	J. B. Reinsohl	63,431	176,294	212,790	452,515	2	-	-	2	226,257	703
27	R. O. Schneider	281,311	986,344	119,815	1,387,470	-	-	-	-	-	893
28	A. A. Joyce	107,009	579	2,723	110,311	-	-	-	-	-	104
29	H. R. Reese	23,127	110,825	71,814	205,766	-	-	-	-	-	103
30	W. D. Maurer	287,477	40,556	49,475	377,508	-	-	-	-	-	257
<b>Sub Total</b>		<b>5,819,844</b>	<b>7,552,995</b>	<b>2,965,213</b>	<b>16,338,052</b>	<b>23</b>	<b>3</b>	<b>1</b>	<b>27</b>	<b>605,113</b>	<b>12,345</b>
<b>LIFM</b>		<b>1,073,150</b>	<b>-</b>	<b>-</b>	<b>1,073,150</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>357,716</b>	<b>1,978</b>
<b>Division Total</b>		<b>6,892,994</b>	<b>7,552,995</b>	<b>2,965,213</b>	<b>17,411,202</b>	<b>26</b>	<b>3</b>	<b>1</b>	<b>30</b>	<b>580,373</b>	<b>14,323</b>

LIFM - Denotes Mines Employing Less Than Five (5) Men.

SUMMARY OF ANTHRACITE MINES, PRODUCTION AND FATALITIES BY DISTRICT  
1963

District	Inspector	Total No. of Operators	No. of Deep Mines	No. of Small Deep Mines*	No. of Strip Mines	No. of Banks	Total No. of Mines	No. of Gaseous Mines	No. of Non-Gaseous Mines	Deep Em- ployes*	Strip Em- ployes	Bank Em- ployes	Total No. of Em- ployes	Deep Mined Production*	Strip Mined Production	Bank Mined Production	Total Production	Fatalities	Producer Per Fatal
1	W. A. Sanders, Actg.	36	26	9	21	6	53	3	23	144	197	37	378	87,605	399,547	20,052	507,204	2	253,602
3	W. A. Sanders	10	19	-	9	4	32	16	3	454	60	15	529	254,891	137,341	73,046	465,278	1	465,278
11	T. M. Beany	30	21	-	24	10	55	19	2	650	645	51	1,346	815,701	1,230,638	389,350	2,435,689	8	304,211
12	J. A. Bugal	73	59	49	2	5	67	-	59	195	4	12	211	163,625	21,122	140,297	325,044	1	325,044
13	W. R. Devens	5	9	-	6	-	17	9	-	1,063	80	5	1,148	1,027,780	247,435	24,354	1,299,569	2	649,784
14	K. C. Lee	1	6	-	4	-	10	6	-	761	46	-	807	818,138	142,397	-	960,535	2	480,267
15	Ralph Ditzler	34	22	17	14	10	46	1	21	114	688	-	807	49,930	1,323,627	1,095,791	2,469,348	20	1,234,674
16	F. C. O'Connor	36	35	6	1	-	36	14	21	410	5	110	529	650,567	9,335	-	660,902	4	165,000
17	G. F. Kettle	44	55	42	5	1	61	13	42	205	73	-	278	249,789	323,683	22,744	596,216	1	596,216
18	P. P. Hino	69	47	33	15	11	73	6	41	236	337	53	626	164,107	899,796	122,303	1,176,206	-	-
19	J. J. Shober, Jr.	63	69	65	6	6	81	-	69	209	89	52	350	68,097	186,942	176,177	431,216	1	431,216
20	G. P. Gallagher	70	60	50	5	4	69	5	55	207	93	13	313	146,059	78,322	93,101	317,482	20	158,741
21	A. J. Latz	92	69	53	17	3	89	18	51	323	215	10	548	270,771	475,225	80,371	828,367	-	-
22	J. R. Ruane	53	41	39	9	4	54	6	35	149	288	33	470	51,677	491,346	178,696	721,719	1	721,719
23	J. B. Brophy	52	48	40	6	-	54	8	40	194	52	-	246	117,434	91,655	-	209,089	-	-
24	H. E. Shomper	58	40	36	7	2	42	9	37	471	32	11	514	325,652	47,749	62,312	435,713	1	435,713
25	Walter Davis	45	36	28	5	1	48	3	27	323	91	7	421	445,817	140,237	30,002	616,056	-	-
26	J. B. Reinehl	61	46	36	5	4	55	1	45	335	216	49	600	95,332	176,294	212,750	484,417	2	242,208
27	R. O. Schneider	57	56	23	11	4	71	17	39	377	401	24	802	337,022	986,344	119,815	1,443,181	-	-
28	A. A. Joyce	45	44	36	2	1	47	21	23	207	9	2	218	275,964	579	2,723	279,266	-	-
29	H. E. Reese	75	69	66	6	2	77	3	66	201	55	12	268	144,442	110,825	71,814	327,081	-	-
30	W. D. Muxter	49	47	24	1	2	51	9	38	248	10	13	271	334,453	49,556	49,473	424,524	-	-
Division Total		1,078W	924	652	181M	83	1,188	187	737	7,476*	3,686	511	11,673**	6,892,994	7,352,995	2,965,213	17,411,202	30	580,373

NOTE: # Due to some companies operating in more than one district, the actual total number of Anthracite Coal Operators is 979.  
 \* Due to some companies operating in more than one district, the actual total number of Anthracite Strip Operators is 86.  
 \* These mines are included in the Total Number of Deep Mines. Deep Mined Production includes small deep mined tonnage.  
 \* Deep Employees includes small deep employees.  
 \*\* There were 2,650 Breaker and Washery Employees, making a total of 14,323 Employees.  
 \* Includes fatalities which occurred in deep mines employing fewer than five (5) persons.

Production, How Shipped, Average Days Worked, Employees, Explosives  
Fatal and Nonfatal Accidents

By Inspection District - 1963

For Mines Employing More Than Five Persons

District	Production - Net Tons				Total production	Pounds permiss- ible ex- plosives used	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents
	Shipped to Market By railroad	Sold to local trade	Used at colliery for steam and heat								
1	278,905	93,043	124,563	1,467	497,978	963,280	114,520	204	577	2	44
3	248,307	88,086	128,228	657	465,278	271,525	49,645	215	652	1	32
11	1,257,573	603,943	441,867	130,306	2,433,689	3,551,672	165,400	240	1,554	8	203
12	177,211	56,687	20,725	190	254,813	46,160	1,240	240	153	1	12
13	807,808	244,708	244,456	2,597	1,299,569	1,094,428	122,798	252	1,299	2	233
14	619,669	179,195	160,408	1,263	960,535	1,243,400	15,450	250	921	2	163
15	1,520,745	706,630	224,426	5,532	2,457,333	172,900	6,984,665	215	1,263	1	36
16	218,910	281,402	141,742	2,948	645,002	368,065	1,300	267	432	4	52
17	252,337	132,870	111,796	1,200	498,203	68,250	377,796	300	184	1	12
18	510,078	500,321	132,778	1,197	1,144,374	2,958,020	856,298	236	663	-	40
19	251,128	72,473	65,271	479	389,351	5,797,616	3,700	170	238	-	19
20	152,461	58,163	23,153	598	234,375	42,930	424,702	170	190	1	7
21	309,911	315,848	138,467	3,013	767,239	1,263,288	693,115	206	492	-	35
22	382,055	266,384	33,169	1,210	682,818	7,500	2,478,664	231	433	1	2
23	100,428	27,930	35,778	-	164,136	54,880	663,242	225	158	-	7
24	134,228	180,676	56,750	1,553	373,207	230,200	155,834	237	565	1	88
25	242,435	167,435	123,747	2,965	536,582	344,480	397,476	221	511	-	41
26	320,009	67,409	64,768	329	452,515	3,988,634	58,589	111	703	2	28
27	771,583	467,638	146,856	1,393	1,387,470	312,955	11,871,554	238	893	-	81
28	32,268	66,562	11,430	51	110,311	43,825	3,100	240	104	-	2
29	112,982	28,632	63,775	377	205,766	83,874	2,100	260	103	-	2
30	150,601	179,647	45,953	1,307	377,508	175,230	4,125	253	257	-	13
Total	8,851,632	4,785,682	2,540,106	160,632	16,338,052	23,083,112	25,445,313	226	12,345	27	1,152



SUMMARY OF REPORT COVERING  
MINES EMPLOYING FEWER THAN FIVE PERSONS

1963

Dist- rict	Number of Operators	Number of Mines	Total Production	Days Worked	Employees	Accidents	Production Per Fatal	Nonfatal Accidents
1	9	9	9,226	179	24	-	-	-
3	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	48	49	70,231	166	135	-	-	1
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	15	17	12,015	92	50	1	12,015	2
16	6	6	15,000	163	18	-	-	-
17	32	42	98,013	211	119	-	-	1
18	31	33	31,832	121	108	-	-	1
19	64	65	41,865	104	179	1	41,865	1
20	50	50	83,107	155	155	1	83,107	2
21	51	53	61,128	118	162	-	-	3
22	39	39	38,901	118	129	-	-	1
23	38	40	44,953	158	118	-	-	2
24	34	36	62,506	166	117	-	-	1
25	26	28	79,474	172	89	-	-	1
26	35	36	31,902	136	117	-	-	1
27	23	23	55,711	183	81	-	-	3
28	33	36	168,955	213	127	-	-	1
29	66	66	121,315	164	183	-	-	2
30	21	24	47,016	196	67	-	-	-
Division Total	621	652	1,073,150	153	1,978	3	357,716	23

SUMMARY OF EMPLOYEES BY DISTRICT  
ANTHRACITE DIVISION -- 1963

Dist- rict	INSIDE EMPLOYEES				Total Inside	OUTSIDE EMPLOYEES				Total Outside	GRAND TOTAL Inside & Outside
	Mine Foreman	Miners	Miners Laborers	All Other		Super- intendents	Office	Breaker	All Other		
1	14	37	50	9	110	31	8	223	205	467	577
3	29	111	161	75	376	16	7	123	130	276	652
11	41	183	234	82	540	53	26	208	727	1,014	1,554
12	11	19	12	4	46	-	-	77	30	107	153
13	38	177	377	253	845	15	14	151	274	454	1,299
14	14	129	285	179	607	5	5	114	190	314	921
15	6	34	13	3	56	43	30	401	733	1,207	1,263
16	36	206	71	12	325	3	3	35	66	107	432
17	10	49	11	2	72	11	1	23	77	112	184
18	15	61	14	7	97	26	12	145	383	566	663
19	4	13	7	1	25	15	4	67	127	213	238
20	9	25	6	-	40	20	7	32	91	150	190
21	18	81	27	3	129	25	4	106	228	363	492
22	2	11	4	1	18	23	3	92	297	415	433
23	12	32	15	1	60	7	2	30	59	98	158
24	14	187	52	45	298	12	24	168	63	267	565
25	11	115	69	9	204	12	3	179	113	307	511
26	18	123	19	16	176	15	5	220	287	527	703
27	32	135	65	9	241	25	4	172	451	652	893
28	12	30	14	3	59	7	2	13	23	45	104
29	3	5	4	2	14	8	6	18	57	89	103
30	27	71	12	34	144	9	-	53	51	113	257
Total	376	1,834	1,522	750	4,482	381	170	2,650	4,662	7,863	12,345 *

NOTE: \* Employees of Deep Mines Employing Fewer Than Five (5) Persons are not included in this report.

1963 SUMMARY OF STATISTICS, BY DISTRICT

District	Number of Operators employing five or more persons	Number of Operators employing less than five persons	Total Number Operators	Number of Mines (five or more persons)	Number of Gaseous Mines	Number of Nongaseous	Number of Shafts	Number of Drifts	Number of Slopes	Number of Mines (less than five persons)	Number of Gaseous Mines	Number of Nongaseous	Number of Shafts	Number of Drifts	Number of Slopes	Number of Strips	Number of Banks	Total Number of Operations	Total Number of Breakers, Washeries and Preparation Plants	EMPLOYES				TOTAL EMPLOYES	ACCIDENTS					
																				DEEP	STRIP	BANK	BREAKER		FATALS	NONFATALS	TOTAL FATALITIES			
1	22	14	36	17	3	14	1	12	5	9	1	9	1	8	1	21	6	53	7	144	197	37	223	601	1	1	2	44		
3	6	2	8	10	19	16	3	11	11	1	1	1	1	1	1	4	4	32	4	454	60	15	123	652	1	1	1	1	1	
11	24	6	30	21	19	2	2	3	18	1	1	1	1	1	1	11	11	55	11	650	645	51	208	1,554	1	1	1	1	203	
12	13	60	73	10	10	10	10	10	10	10	10	10	10	10	10	10	10	67	10	195	4	12	77	288	1	1	1	1	1	
13	2	3	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	1	1,063	80	5	151	1,299	1	1	1	1	233	
14	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	161	26	114	149	921	1	1	1	1	163	
15	17	17	34	5	1	1	1	1	4	1	1	1	1	1	1	1	1	12	1	114	688	110	401	1,313	1	1	1	1	36	
16	29	7	36	28	14	15	1	1	6	1	1	1	1	1	1	1	1	3	3	410	5	2	3	450	1	1	1	1	52	
17	10	34	44	13	9	4	1	1	13	1	1	1	1	1	1	1	1	61	1	205	73	2	23	303	1	1	1	1	1	
18	29	40	69	14	9	9	1	1	10	1	1	1	1	1	1	1	1	15	12	326	337	2	23	771	1	1	1	1	1	
19	16	57	73	4	1	1	1	1	3	1	1	1	1	1	1	1	1	4	1	151	89	52	67	417	1	1	1	1	40	
20	15	55	70	10	2	8	1	1	1	1	1	1	1	1	1	1	1	50	1	82	93	13	32	345	1	1	1	1	2	
21	35	57	92	16	9	7	1	2	14	1	1	1	1	1	1	1	1	47	1	323	215	10	106	654	1	1	1	1	3	
22	14	39	53	2	2	1	1	2	2	1	1	1	1	1	1	1	1	39	1	149	288	33	92	562	1	1	1	1	1	
23	14	38	52	8	4	4	1	1	4	1	1	1	1	1	1	1	1	40	1	154	32	3	23	282	1	1	1	1	2	
24	19	39	58	8	1	1	1	1	8	1	1	1	1	1	1	1	1	39	1	171	11	168	92	326	1	1	1	1	1	
25	18	27	45	8	5	3	1	1	9	1	1	1	1	1	1	1	1	18	1	323	91	7	179	600	1	1	1	1	1	
26	21	40	61	10	1	9	1	1	9	1	1	1	1	1	1	1	1	24	1	335	216	49	220	820	1	1	1	1	1	
27	32	25	57	33	10	23	1	4	29	1	1	1	1	1	1	1	1	22	1	377	401	24	172	974	1	1	1	1	3	
28	10	35	45	8	6	2	1	1	8	1	1	1	1	1	1	1	1	10	1	421	12	18	21	521	1	1	1	1	1	
29	9	56	65	7	1	1	1	1	1	1	1	1	1	1	1	1	1	9	1	201	55	12	18	294	1	1	1	1	2	
30	2	24	26	2	8	15	1	2	22	1	1	1	1	1	1	1	1	2	1	248	10	13	33	324	1	1	1	1	1	
TOTAL	383	695	1,078*	272	131	141	8	38	226	652	56	596	10	36	606	181**	83	1,188	145	7,476	3,686	511	2,650	14,323	26	3	1	30	1,152	23

NOTE: \* Due to some companies operating in more than one district, the actual total number of Anthracite Coal Operators is 979.  
 \*\* Due to some companies operating in more than one district, the actual total number of Anthracite Strip Operators is 86.  
 # Fatality occurred in small deep mine employing fewer than five (5) persons.  
 # (1) Drift used for drainage and as second opening.  
 # (2) Slopes in one mine.

DISTRICT	OPERATOR	PRODUCTION
1-11-13-14	Glen Aiden Corporation	2,480,188
1-15-22-26	Lehigh Valley Anthracite, Inc.	1,829,311
17-19-21	Reading Anthracite Co.	947,085
23-26-27	Susquehanna Coal Co.	912,825
11-14-20	Greenwood Strippling Corporation	828,009
23-24	Jeddo-Highland Coal Co.	778,069
18	Rachy, George	622,634
15-20-22	Mammoth Coal Co.	507,547
15-20-29	Honeybrook Mines, Inc.	431,561
27	Gilberton Coal Co.	373,420
22-26-27	Moffet Coal Co., Inc.	328,956
3	Cunningham Coal Co.	292,922
15	Cardonvale Coal Co.	292,352
1	Hudson Realty Co., Inc.	196,038
1-11	Hambeck Dressing Co.	185,898
19-21-30	Penns Coal Co.	161,112
23	Rosina Coal Co.	160,341
17-24	Capporelli Strippling & Construction Co.	143,327
25	Jewell Ridge Coal Co.	120,909
27	Gangloff Bros.	120,000
12	V-R Corporation	99,982
11	Bush Coal Co.	89,401
16	Schuykill Contracting Co.	80,175
21	Indian Head Coal Co.	77,702
23	Gavalls Co., Joseph	73,234
25	Monroe Co., Inc.	67,166
3	Hues, George	58,792
15	Sanchez Construction Co.	57,485
22	Seranton Excavating Co.	56,122
11	Dale Contracting Co.	53,374
19	Yudauski Bros.	53,038
24	Carbone Coal Co.	53,450
11	Hegins Mining Co.	51,119
27	Mercury Coal Co.	50,205

OPERATORS PRODUCING 50,000 OR MORE TONS

1963

PRODUCTION AND ACCIDENT RECORD  
FOR OPERATORS HAVING A FATALITY

1963

Operator	Deep	Strip	Bank	Total Production	Fatalities			Non- fatal	Production Per Fatal	Employees	
					Deep	Strip	Bank				
Glen Alden Corporation	1,894,152	586,036	-	2,480,188	5	-	-	5	393	496,037	2,296
Lehigh Valley Anthracite, Inc.	66,792	1,491,024	271,495	1,829,311	2	2	-	4	73	457,327	1,071
Reading Anthracite Co.	-	777,857	169,198	947,055	-	-	1	1	44	947,055	553
Susquehanna Coal Co.	794,846	117,979	-	912,825	5	-	-	5	176	182,565	935
Moffat Coal Co., Inc.	328,956	-	-	328,956	1	-	-	1	32	328,956	564
Carbondale Coal Co.	-	292,355	-	292,355	-	1	-	1	7	292,355	116
Talamelli Coal Co.	34,215	-	-	34,215	1	-	-	1	4	34,215	46
Kehler Coal Co.	28,697	-	-	28,697	2	-	-	2	-	14,348	20
Parkway Anthracite, Inc.	25,366	-	-	25,366	1	-	-	1	10	25,366	46
Peca Coal Co.	18,967	-	-	18,967	1	-	-	1	9	18,967	157
Shuey Coal Co.	15,388	-	-	15,388	1	-	-	1	2	15,388	11
K. & H. Coal Co.	13,500	-	-	13,500	1	-	-	1	1	13,500	5
Acme Coal Co.	11,322	-	-	11,322	1	-	-	1	-	11,322	8
Lone Star Coal Co.	10,307	-	-	10,307	1	-	-	1	1	10,307	13
Pleasant Hill Coal Co.	5,777	-	-	5,777	1	-	-	1	1	5,777	7
Palmer Coal Co. *	3,405	-	-	3,405	1	-	-	1	-	3,405	3
Fellin Coal Co. *	1,100	-	-	1,100	1	-	-	1	2	1,100	4
A. & Y. Partnership *	75	-	-	75	1	-	-	1	-	75	3
<b>Total production for operators with a fatality</b>	<b>3,252,865</b>	<b>3,265,251</b>	<b>440,693</b>	<b>6,958,809</b>	<b>26</b>	<b>3</b>	<b>1</b>	<b>30</b>	<b>755</b>	<b>231,960</b>	<b>5,858</b>
<b>Total production for operators without a fatality</b>	<b>3,640,129</b>	<b>4,287,744</b>	<b>2,524,520</b>	<b>10,452,393</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>420</b>	<b>-</b>	<b>8,465</b>
<b>Division Total</b>	<b>6,892,994</b>	<b>7,552,995</b>	<b>2,965,213</b>	<b>17,411,202</b>	<b>26</b>	<b>3</b>	<b>1</b>	<b>30</b>	<b>1,175</b>	<b>580,373</b>	<b>14,323</b>

NOTE: \* Denotes Mines Employing Less Than Five (5) Men.

## CAUSES OF ANTHRACITE FATAL ACCIDENTS, BY COUNTY, 1963

	Carbon	Columbia	Dauphin	Lackawanna	Lebanon	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Percentage of total accidents
<b>INSIDE</b>													
Falls of Roof, Face or Sides	-	1	-	-	-	7	1	3	-	-	-	12	40.00%
Explosion of Methane Gas	-	-	-	-	-	4	1	-	-	-	-	5	16.67%
Blast of Dynamite	-	-	-	-	-	-	1	2	-	-	-	3	10.00%
Transportation	-	-	-	1	-	-	-	1	-	-	-	2	6.68%
Fall of Person	-	-	-	-	-	-	-	1	-	-	-	1	3.33%
Suffocation	-	-	-	-	-	-	-	1	-	-	-	1	3.33%
Rush of Coal	-	-	-	-	-	-	-	1	-	-	-	1	3.33%
<b>Total Inside</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>11</b>	<b>3</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25</b>	<b>83.34%</b>
<b>OUTSIDE</b>													
Falling Material	-	-	-	1	-	-	-	-	-	-	-	1	3.33%
Machinery - Bank	-	-	-	-	-	-	1	-	-	-	-	1	3.33%
Stripping	1	-	-	1	-	1	-	-	-	-	-	3	10.00%
<b>Total Outside</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>16.66%</b>
<b>GRAND TOTAL</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>12</b>	<b>4</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30</b>	<b>100.00%</b>
Percentage of total accidents	3.33%	3.33%	-	10.00%	-	40.00%	13.34%	30.00%	-	-	-	100.00%	

ANTHRACITE FATAL ACCIDENT VICTIMS - 1963

Dist- rict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of the Accident
2	Warren W. Rohland	Taylor	Moffat Coal Co., Inc.	Continental Slope	Jan. 3	Transportation (Inside)
15	John Stevens	Hazleton	Sullivan Trail Coal Co. (Lehigh Valley Anthracite, Inc.)	Spring Mt. Strip	Jan. 14	Stripping
26	Joseph Markunas	Shenandoah	Peca Coal Co., Inc.	Peca Shaft	Jan. 22	Roof Fall
11	Alex Kulikovich	Parsons	Lehigh Valley Anthracite, Inc.	No. 2 Rock Slope	Jan. 24	Roof Fall
24	Joseph F. Racilla	Shamokin	Susquehanna Coal Co. (Gap Anthracite)	West Drift #14 Slope	Jan. 29	Explosion of Gas
2	John Mishko	Dickson City	Glen Alden Corp.	Marvine Breaker	Feb. 19	Falling Material (Outside)
16	David F. Price	Frankville	Kehler Coal Co.	Middle Split Slope	Mar. 14	Blast of Dynamite
16	William E. Dean	Frackville	" " "	" " "	"	"
20	Florian Wilk	Shamokin	Palmer Coal Co.	No. 65 Slope	Mar. 19	Blast of Dynamite
16	Leroy Shuey	Hegins	Shuey Coal Co.	Primrose Slope	Apr. 6	Fall of Person (Inside)
11	Thomas Ruminiski	Glen Lyon	Susquehanna Coal Co. (Glen Nan Coal Co.)	Forge No. 3 Slope	Apr. 16	Explosion of Gas
11	Henry Robey	Nanticoke	" " "	" " "	"	"
11	Paul Romanowski	Nanticoke	" " "	" " "	"	"
11	Paul Eckrote	Hanover Township	" " "	" " "	"	"
26	Joseph Dudesch	Mahanoy City	Pleasant Hill Coal Co.	Skidmore Slope	May 13	Roof Fall
17	Clyde P. Houser	Trevorton	Reading Anthracite Co. (Wright Coal Co.)	No. Franklin Bank	May 16	Bank
11	Stephen Levitsky	Swoyersville	Talamelli Coal Co.	No. 1 Slope	May 24	Roof Fall
19	Charles Yuda	St. Clair	A. & Y. Partnership	Little Diamond Slope	May 30	Asphyxiation
30	James Reho	Williamstown	Acme Coal Co.	L.V. No. 5 Vein Slope	June 4	Transportation (Inside)
20	Earl A. Dusenshine	Mt. Carmel	K. & H. Coal Co.	Skidmore S.D. #1 Slope	July 11	Roof Fall
22	Joseph Panchari	Seltzer City	Lone Star Coal Co.	Mammoth Slope	Aug. 2	Roof Fall
14	Meldon Kishbaugh	Wanamie	Glen Alden Corp.	Wanamie No. 19	Aug. 8	Roof Fall
15	Louis Bova	Pattersonville	Fellin Coal Co.	No. 2 Slope	Aug. 13	Roof Fall
11	Paul H. Sindaco	Plains Township	Lehigh Valley Anthracite, Inc.	Gaylord Strip	Aug. 31	Stripping
11	Michael Rusnock	Exeter	Lehigh Valley Anthracite, Inc.	No. 4 Tunnel Drift	Oct. 7	Roof Fall
16	John Klemavage	Brandonville	Parkway Anthracite Co., Inc.	Mammoth Slope	Oct. 16	Rush of Coal (Inside)
1	Ivan Kobezlein	Waymart	Carbondale Coal Co. (Gillen Coal Mining Co., Inc.)	Powderly Strip	Nov. 11	Stripping
13	Andrew Yakupcin	Swoyersville	Glen Alden Corp.	Huber No. 4 Slope	Dec. 13	Roof Fall
13	Joseph Sohatski	Wilkes-Barre	Glen Alden Corp.	Huber No. 5 Slope	Dec. 21	Roof Fall
14	Joseph Kulakowski	Hunlocks Creek	Glen Alden Corp.	Wanamie No. 18	Dec. 27	Roof Fall

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1963

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1847	Feb.	Spencer	Spencer Coal Co.	Pottsville	Explosion of gas	7
1869	Sept. 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 fall down slope	7
1871	May 27	West Pittston	Lehigh Valley Railroad Co.	West Pittston	Suffocated by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Cain, Hacker & Cook	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Langdon & Co., R.	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Wadesville Shaft Colliery	Wadesville	Explosion of gas	7
1878	Jan 15	Potts	Philadelphia & Reading Coal & Iron Co.	Locust Dale	Explosion of gas	5
1879	May 6	Audenried	Lehigh & Wilkes-Barre Coal Co.	Audenried	Explosion of gas	6
	Nov. 2	Mill Creek	D. & H. Canal Co.	Mill Creek	Explosion of gas	5
1880	May 3	Lykens Valley	Short Mountain & Lehigh Valley Coal Co.	Shamokin	Explosion of gas	5
1882	May 24	Kohinoor	Heckscher & Co., R.	Shenandoah	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Philadelphia & Reading Coal & Iron Co.	Shamokin	Mine Fire	7
1885	Apr. 6	Cuyler	Heaton & Co., S. M.	Raven Run	Fall of roof	10
	Aug. 11	West End	West End Coal Co.	Mocanaqua	Suffocated by gas from boiler fire	10
	Oct. 21	Plymouth #2	D. & H. Coal Co.	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke #1	Susquehanna Coal Co.	Nanticoke	Inrush of quicksand	26
1886	Aug. 30	Fair Lawn	Fair Lawn Coal Co.	Scranton	Explosion of gas	6
	Sept. 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 #3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	8
	Apr. 2	Susquehanna #4	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	May 15	Jersey #8	Lehigh & Wilkes-Barre Coal Co.	Ashley	Explosion of gas	26
1891	Feb. 4	Spring Mountain #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 #1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	12
1892	Apr. 20	Lytle	Lytle Coal Co.	Minersville	Drowned-water from old workings	10
	July 23	York Farm	Lehigh Valley Coal Co.	Pottsville	Explosion of gas	15
1893	Apr. 1	Neilson	Langdon & Co., Inc., J.	Shamokin	Mine fire	10
	June 22	Susquehanna #1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5

## ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1963

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1893	Sept. 21	Lance #11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylor	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 #3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
1897	Jan. 13	Wadesville	Philadelphia & Reading Coal & Iron Co.	Wadesville	Crosshead fell down shaft	5
	Sept. 28	Jermyn #1	Jermyn & Co.	Rendham	Mine fire	6
	Oct. 30	Von Storch	D. & H. Coal Co.	Scranton	Mine fire	5
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	Mill Creek Coal Co.	Mahanoy City	Explosion of gas	7
1901	Oct. 25	Buttonwood	Parrish Coal Co.	Plymouth	Explosion of gas	6
1902	Nov. 29	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	7
	Dec. 9	S. Wilkes-Barre	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	5
1904	Jan. 30	Maple Hill	Philadelphia & Reading Coal & Iron Co.	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Lance	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of powder & dynamite	5
	May 5	Locust Gap	Philadelphia & Reading Coal & Iron Co.	Locust Gap	Mine fire	5
	May 25	Williamstown	Summit Branch Mining Co.	Williamstown	Suffocated by gas from mine locomotive	10
1905	Nov. 2	Auchincloss	Delaware, Lackawanna & Western Railroad Co.	Nanticoke	Falling down shaft	10
	Feb. 18	Lytle	Lytle Coal Co.	Minersville	Fall of roof	5
	Mar. 9	Clear Spring	Clear Spring Coal Co.	West Pittston	Falling down shaft	7
	Apr. 26	Conyngham	D. & H. Coal Co.	Wilkes-Barre	Falling down shaft	10
1906	May 15	Shenandoah City	Philadelphia & Reading Coal & Iron Co.	Shenandoah	Explosion of powder & dynamite	7
	Aug. 6	Susquehanna #7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	6
1907	Mar. 2	Holden	Delaware, Lackawanna & Western Railroad Co.	Taylor	Explosion of gas	7
1908	June 18	Johnson #1	Scranton Coal Co.	Priceburg	Explosion of gas	7
	May 12	Mount Lookout	Temple Iron Co.	Wyoming	Explosion of gas	12
	May 13	Prospect	Lehigh Valley Coal Co.	Midvale	Fall of roof	5
	July 15	Williamstown	Summit Branch Mining Co.	Williamstown	Explosion of powder & dynamite	6
	Aug. 28	Warrior Run	Lehigh Valley Coal Co.	Wilkes-Barre	Mine cars	6
1909	Mar. 2	Pennsylvania #14	Pennsylvania Coal Co.	Pittston	Explosion of gas	8
	Nov. 9	Auchincloss	Glen Alden Coal Co.	Nanticoke	Mine fire	9

## ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1963

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1910	Jan. 11	Nottingham	Hudson Coal Co.	Plymouth	Explosion of gas	7
	Mar. 12	S. Wilkes-Barre #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 #5	Delaware & Hudson Co.	Dorranctown	Suffocated by gas from underground fire	5
	May 27	Cameron	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	5
	Sept. 12	Marvine	Delaware & Hudson Co.	Scranton	Mine cars	5
	Oct. 3	Drifton #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
	Sept. 16	Lehigh #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 #11	Hudson Coal Co.	Plymouth	Explosion of gas	7
	Mar. 9	Hollenback #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 #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 #7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	9
1927	May 26	Woodward	Glen Alden Coal Co.	Edwardsville	Fall of roof, followed by an explosion of gas	7
1928	May 25	Baltimore #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	Hudson Coal Co.	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7
1936	Aug. 24	Clear Spring	Sullivan Trail Coal Co.	West Pittston	Explosion of gas	5

ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1963

Year	Date	Colliery	Company	Location of colliery	Cause of Accident	Number Killed
1938	Apr. 27	St. Clair	St. Clair Coal Co.	St. Clair	Explosion of gas	8
	June 2	Volpe	Volpe Mining Co.	Pittston Twp.	Explosion of gas	10
1943	Sept. 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
	Dec. 11	Franklin	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	8
1951	Mar. 29	Buttonwood	Glen Alden Coal Co.	Hanover Twp.	Explosion of gas	5
1952	Mar. 27	Holmes Slope	Cano & Martin, Inc.	Forrestville	Drown - blast blew through to old workings	5
1959	Jan. 22	Ewen	Knox Coal Co.	Port Griffith	Drown - river broke into mine	12

ANTHRACITE DIVISION

District	MECHANICAL LOADING				ELECTRIC MOTORS		PUMPS DELIVERING WATER TO SURFACE		
	Number of Scrapers, Conveyors or Shaker Chutes	Number of Under-cutting or Mining Machines	Number of Loading Machines	Number of Tons Produced by Mechanical Loading	Number of Employees Engaged in this class of work	Total Number	Total Horse-power	Total Number	Number of Gallons delivered per day of 24 hours
1	28	-	-	69,232	78	321	14,462	3	11,720,000
3	58	-	-	127,837	200	363	12,159	4	21,000
11	170	-	1	784,935	481	1,004	43,865	14	16,261,400
12	-	-	-	-	-	144	1,530	14	222,500
13	173	4	12	966,486	527	729	26,762	17	11,061,000
14	100	1	7	816,996	416	278	13,393	10	10,218,562
15	22	-	-	35,914	44	544	15,248	7	7,012,500
16	23	-	3	74,220	35	285	7,274	62	4,030,500
17	13	-	-	-	-	149	7,002	13	1,829,700
18	11	-	1	59,241	28	254	8,451	13	125,250
19	5	-	-	6,730	12	218	3,762	2	823,400
20	7	-	14	191,199	113	82	2,792	7	152,160
21	14	-	4	65,977	36	268	5,139	15	5,541,870
22	-	-	-	-	-	180	5,348	3	1,942,163
23	1	-	-	9,000	3	71	3,304	12	18,627,600
24	29	-	2	230,820	186	441	6,973	9	6,060,435
25	11	-	11	209,688	122	411	10,348	10	6,580,000
26	10	1	1	6,024	26	761	23,019	6	12,050,990
27	12	-	-	47,919	34	280	6,960	41	3,827,600
28	4	-	3	14,519	13	54	1,490	9	142,000
29	10	-	14	190,996	59	36	715	6	139,000
30	8	-	3	69,434	22	136	3,645	30	847,100
Total	709	6	81	3,977,167	2,435	7,009	223,641	307	119,236,730

# PRODUCTION TABLE

Operators and Collieries		County		District 1 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 By railroad	Sold to local trade	Used at colliery for steam and heat	Total production						
Ace Coal Co.													
Ace Breaker		B	Lackawanna	-	-	-	-	-	112	11	-	-	
No. 1 Slope		DM	Lackawanna	278	259	653	-	1,190	1,650	187	3	-	-
Total				278	259	653	-	1,190 a	1,650	-	14	-	-
Belack, William													
Raymond Strip		S	Lackawanna	206	1	267	2	476 b	-	200	50	4	-
C. & S. Excavating Co.													
Underwood Strip		S	Lackawanna	1,457	143	1,126	4	2,730 c	-	-	25	10	-
Carbondale Coal Co.													
Mine Fire Strips		S	Lackawanna	159,881	75,020	56,238	1,216	292,355	397,000	43,600	307	104	1
Cleaning Plant		BP	Lackawanna	-	-	-	-	-	-	-	-	12	-
Total				159,881	75,020	56,238	1,216	292,355 d	397,000	43,600	116	1	7
DeAngelis Supreme Anthracite, Inc.													
Bolands Breaker		B	Lackawanna	-	-	-	-	-	-	230	22	-	-
Bolands Colliery		DM	Lackawanna	670	-	537	-	1,207	2,000	-	230	5	-
Coalbrook Bank		bk	Lackawanna	1,713	-	1,374	-	3,087	-	-	70	4	-
Powderly Bank		bk	Lackawanna	1,297	-	78	-	1,375	-	-	70	2	-
Total				3,680	-	1,989	-	5,669 e	2,000	-	33	-	-
Esgro Coal Co.													
Raymond Colliery		DM	Lackawanna	1,537	118	2,087	18	3,760 f	8,225	50	240	7	-
Glen Alden Corp.													
Marvine Breaker (g)		B	Lackawanna	-	-	-	-	-	-	-	39	102	1
Marvine Maintenance			Lackawanna	-	-	-	-	-	-	-	252	-	-
Total				-	-	-	-	-	-	-	102	1	9
Halsey Contracting Corp.													
West Mayfield Strip		S	Lackawanna	-	-	-	-	10,833	-	-	-	-	-
Childs Strip		S	Lackawanna	4,483	924	7,782	65	800	38,000	13,000	266	10	1
Erie Grassy Strip		S	Lackawanna	-	-	-	-	1,621	-	-	-	-	-
Total				4,483	924	7,782	65	13,254 h	38,000	13,000	10	-	1
Hudson Realty Co., Inc.													
Eddy Creek Strip		S	Lackawanna	5,628	2,048	2,967	61	10,704	4,150	6,350	301	5	-
Gravity Strip		S	Lackawanna	14,586	2,709	4,378	-	21,673	189,625	15,500	278	7	1
Jermyn Strip		S	Lackawanna	-	-	-	-	-	-	-	22	3	-
Powderly Strip		S	Lackawanna	26,471	4,916	7,945	-	39,332	165,830	27,470	256	32	4
Total				46,685	9,673	15,290	61	71,709 i	259,605	49,320	47	-	5
Kaminski Bros., Inc.													
Buffalo Strip		S	Lackawanna	1,536	199	3,071	30	4,836 j	750	-	130	6	-

Operators and Collieries		County		District 1 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 By railroad	Sold to local trade	Used at colliery for steam and heat	Total production						
Kuna Coal Co.													
Erie Strip		S	Lackawanna	82	77	193	-	352	-	-	170	2	-
Erie Bank		bk	Lackawanna	-	-	-	-	-	-	-	20	-	-
Total				82	77	193	-	352 k	-	-	2	-	-
Lackawanna Cinder & Silt Co.													
Olyphant Bank		bk	Lackawanna	1,676	296	551	-	2,523 l	-	-	23	4	-
Matisko Coal Co.													
Forest City Bank		bk	Wayne	6,909	479	619	-	8,007 m	-	-	184	14	-
Mazzoni Coal Co.													
Olyphant Colliery		DM	Lackawanna	9,078	939	5,635	-	15,652 n	14,000	-	240	13	2
Mid-Valley Coal Co.													
Ontario Colliery		DM	Lackawanna	8,913	922	5,532	-	15,367 n	17,700	650	250	14	-
Northwest Mining Co., Inc.													
Raymond Breaker		B	Lackawanna	-	-	-	-	-	-	-	248	33	9
Gravity Colliery		DM	Lackawanna	1,937	360	581	-	2,878	2,800	-	233	11	-
Total				1,937	360	581	-	2,878 o	2,800	-	44	-	9
Pasternak Bros.													
Ontario Strip		S	Lackawanna	3,011	908	4,177	4	8,100 p	60,000	2,000	278	5	-
Penbrook Coal Co.													
Penbrook Breaker		B	Lackawanna	-	-	-	-	-	-	-	270	6	-
Penbrook Bank		bk	Lackawanna	2,307	144	-	-	2,451	-	-	270	-	-
Total				2,307	144	-	-	2,451 q	-	-	6	-	-
Penn. Coal Co.													
Maintenance			Lackawanna	-	-	-	-	-	-	-	240	2	-
Perry Coal Sales Co., Thomas													
Underwood Bank		bk	Lackawanna	2,452	157	-	-	2,609 r	-	-	20	10	-
Pientack Coal Co.													
Raymond Colliery		DM	Lackawanna	719	52	1,058	10	1,839 s	450	125	220	4	-
Pompey Coal Co.													
Pompey Breaker		B	Lackawanna	-	-	-	-	-	-	-	301	33	4
Slenska Coal Co.													
West Mountain Strip		S	Lackawanna	91	17	296	4	408 t	200	450	30	5	-
Tripple Coal Co., A. & C.													
Ontario Colliery		DM	Lackawanna	2,095	217	1,301	-	3,613 u	3,500	1,000	250	5	1
Turnpike Coal Co.													
Underwood Colliery		DM	Lackawanna	2,901	438	2,779	10	6,128	5,500	600	64	20	2
Underwood Strip		S	Lackawanna	2,928	337	2,060	2	5,327	20,000	-	100	5	-
Total				5,829	775	4,839	12	11,455 v	25,500	600	25	-	2



		District 1 Production - net tons				Pounds				Non-		
Operators and Collieries	County	Shipped to market		Used at		Total production	sible explosives 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							
Village Slope Coal Co.												
Underwood Colliery	DM Lackawanna	14,063	1,363	11,278	41	26,745 w	31,900	3,525	240	36	-	4
Waddell Coal Mining Co., Inc.	W Lackawanna	-	-	-	-	-	-	-	106	6	-	-
Waddell Washery												
District Total		278,905	93,043	124,563	1,467	497,978	963,280	114,520	204	577	2	44

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

- NOTE: (a) All coal prepared at Ace Breaker. No. 1 Slope finished.  
 (b) 174 tons prepared at Penbrook Breaker  
 10 tons prepared at Pompey Breaker  
 292 tons prepared at Bolands Breaker  
 Belack Strip finished.  
 (c) 350 tons prepared at Penbrook Breaker  
 2,380 tons prepared at Pompey Breaker  
 (d) 86,665 tons prepared at Huber Breaker - District 13  
 37,642 tons prepared at Loree Breaker - District 11  
 60,547 tons prepared at Marvine Breaker  
 94,474 tons prepared at Raymond Breaker  
 13,027 tons shipped to Philadelphia Dock  
 (e) 1,207 tons prepared at Bolands Breaker  
 4,462 tons Silt to Waddell Breaker  
 (f) 1,788 tons prepared at Penbrook Breaker  
 1,972 tons prepared at Pompey Breaker  
 (g) Marvine Breaker abandoned February 19, 1963 by Glen Alden Corp.  
 (h) 960 tons prepared at Waddell Breaker  
 6,441 tons prepared at Penbrook Breaker  
 1,666 tons prepared at Bolands Breaker  
 3,681 tons prepared at Ace Breaker  
 506 tons prepared at Raymond Breaker  
 Mayfield, Childs and Grassy Strip finished.  
 (i) 2,824 tons prepared at Marvine Breaker  
 1,804 tons prepared at Huber Breaker - District 13  
 6,076 tons prepared at Loree Breaker - District 11  
 61,005 tons prepared at Raymond Breaker  
 Jermyn Strip finished.  
 (j) 556 tons prepared at Ace Breaker  
 1,292 tons prepared at Pompey Breaker  
 2,988 tons prepared at Penbrook Breaker  
 Buffalo Strip finished  
 (k) All coal prepared at Ace Breaker  
 Erie Strip finished  
 (l) 671 tons prepared at Loree Breaker - District 11  
 1,852 tons prepared at Raymond Breaker  
 (m) 1,682 tons prepared at Pompey Breaker  
 6,307 tons prepared at Waddell Breaker  
 18 tons prepared at Penbrook Breaker  
 (n) All coal prepared at Pompey Breaker  
 (o) All coal prepared at Raymond Breaker  
 (p) 4,165 tons prepared at Ace Breaker  
 442 tons prepared at Penbrook Breaker  
 3,493 tons prepared at Bolands Breaker  
 (q) All coal prepared at Waddell Breaker  
 (r) All coal prepared at Waddell Breaker. Underwood Bank finished.  
 (s) 874 tons prepared at Pompey Breaker  
 965 tons prepared at Penbrook Breaker  
 (t) 77 tons prepared at Ace Breaker  
 331 tons prepared at Penbrook Breaker  
 (u) All coal prepared at Pompey Breaker.  
 Tripple, A. & C. Ontario Colliery finished.  
 (v) 1,000 tons prepared at Ace Breaker  
 1,280 tons prepared at Penbrook Breaker  
 9,175 tons prepared at Pompey Breaker  
 Turnpike Coal Co. Underwood Colliery mine finished.  
 (w) 4,024 tons prepared at Penbrook Breaker  
 22,721 tons prepared at Pompey Breaker  
 (y) Waddell Breaker destroyed by fire February 9, 1963. Washery operating.

		District 2 Production - net tons				Pounds				Non-		
Operators and Collieries	County	Shipped to market		Used at		Total production	sible explosives 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							

District 2 - became part of Districts 1 and 3 on May 1, 1964.

		District 3								Non-		
Operators and Collieries	County	Shipped to market		Used at		Total production	sible explosives 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							
A. C. & A. Coal Co., Inc.	DM Lackawanna	1,482	1,162	651	-	3,295 a	5,700	-	178	6	-	-
No. 9 Oak Hill Slope												
Coalbrook Sales Co., Inc.	S Lackawanna	227	182	-	-	409 b	-	400	30	4	-	-
Bulls Head Strip												
Diamond Colliery Co.	DM Lackawanna	-	-	-	-	-	-	-	360	2**	-	-
Brisbin Slope												
Diamond Strip	S Lackawanna	19,760	2,044	12,265	-	34,069	-	6,500	289	13	-	-
Total		19,760	2,044	12,265	-	34,069 c	-	6,500		15	-	-
Kaminski Bros., Inc.	S Lackawanna	3,386	1,774	7,463	55	12,678 d	600	-	215	6	-	-
Capouse Strip												
Moffat Coal Co., Inc.	DM Lackawanna	26,396	3,360	14,106	158	44,020	31,450	250	234	49	-	3
Archbald Colliery												
Archbald Strip *	S Lackawanna	2,343	298	1,252	-	3,893	-	-	-	#	-	-
Continental Slope	DM Lackawanna	35,442	4,511	18,940	212	59,105	50,000	3,450	240	93	1	13
No. 179 Slope	DM Lackawanna	6,423	818	3,432	-	10,673	18,075	-	239	12	-	5
No. 185 Slope *	DM Lackawanna	2,523	321	1,348	-	4,192	1,425	-	137	5	-	-
No. 190 Slope	DM Lackawanna	11,251	1,432	6,012	67	18,762	12,125	8,725	241	67	-	1
No. 133 Sloan Slope	DM Lackawanna	17,473	2,224	9,338	105	29,140	57,000	4,700	241	57	-	3
Sloan Strip *	S Lackawanna	877	112	469	-	1,458	-	910	-	#	-	-
Storrs Colliery	DM Lackawanna	36,444	4,639	19,476	-	60,559	75,500	10,500	241	82	-	6
Storrs Strip (Harris & Walsh)	S Lackawanna	27,948	3,558	14,935	-	46,441	150	1,750	291	19	-	-
Storrs Strip (Empire)	S Lackawanna	20,030	2,550	10,704	-	33,284	-	3,600	302	12	-	-
Taylor Colliery	B Lackawanna	-	-	-	-	-	-	-	111	57	-	-
Taylor Colliery *	DM Lackawanna	7,388	940	3,948	44	12,320	875	-	111	67	-	1
Taylor Shops & General	Lackawanna	-	-	-	-	-	-	-	241	38	-	-
Taylor Colliery Strip *	S Lackawanna	3,075	391	1,643	-	5,109	-	7,610	326	6	-	-
Total		197,613	25,154	105,603	586	328,956 e	246,600	41,495		564	1	32
Monroe Co., Inc.	bk Lackawanna	14,516	52,634	-	16	67,166	-	-	201	11	-	-
Diamond Bank												
Bellevue Washery	W Lackawanna	-	-	-	-	-	-	-	201	5	-	-
Total		14,516	52,634	-	16	67,166 f	-	-		16	-	-
Mountain Slope Coal Co.	DM Lackawanna	5,987	4,592	2,246	-	12,825 g	18,625	1,250	229	14	-	-
Sibley Mountain Slope												

District 3

Operators and Collieries	County	Production - net tons				Total production	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market		Used at colliery								
		By railroad	By truck	By local trade	for steam and heat							
N. & R. Coal Co.												
Bulls Head Bank *	bk Lackawanna	260	390	-	-	650	-	-	70	0	-	
Suffolk Bank *	bk Lackawanna	126	154	-	-	280	-	-	12	0	-	
<b>Total</b>		<b>386</b>	<b>544</b>	<b>-</b>	<b>-</b>	<b>930</b>	<b>h</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Old Forge Coal Co.												
Morgan Breaker	B Lackawanna	-	-	-	-	1	-	-	210	19	-	
Wyoming Co.												
No. 1 Washery	W Lackawanna	4,950	-	-	-	4,950	-	-	82	4	-	
Dunmore Bank	bk Lackawanna	4,950	-	-	-	4,950	1	-	82	4	-	
<b>Total</b>		<b>4,950</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,950</b>	<b>1</b>	<b>-</b>	<b>82</b>	<b>8</b>	<b>-</b>	
<b>District Total</b>		<b>248,307</b>	<b>88,086</b>	<b>128,228</b>	<b>657</b>	<b>465,278</b>	<b>271,525</b>	<b>49,645</b>	<b>215</b>	<b>652</b>	<b>1</b>	

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

NOTE: (a) 546 tons prepared at Ace Breaker - District 1  
 2,421 tons prepared at Morgan Breaker  
 328 tons prepared at Bel Air Breaker - District 11  
 (b) All coal prepared at Bolands Breaker - District 1  
 (c) All coal prepared at Pompey Breaker - District 1  
 (d) 2,216 tons prepared at Morgan Breaker  
 171 tons prepared at Dicksville Breaker - District 11  
 5,500 tons prepared at Penbrook Breaker - District 1  
 1,350 tons prepared at Pompey Breaker - District 1  
 3,441 tons prepared at Ace Breaker - District 1  
 (e) All coal prepared at Taylor Breaker  
 (f) All coal prepared at Bellevue Washery

(g) 12,245 tons prepared at Bel Air Breaker  
 340 tons prepared at Harry E. Breaker  
 240 tons prepared at Dicksville Breaker - All District 11  
 (h) 380 tons prepared at Monroe Breaker  
 550 tons prepared at Bolands Breaker - District 1  
 (i) Morgan Breaker closed  
 (j) All coal prepared at No. 1 Washery  
 \* Mines finished  
 \*\* Maintenance men  
 @ Same men as Coalbrook Sales Co., Inc.  
 # Same men as Taylor Colliery Strip

District 11

Operators and Collieries	County	Shipped to market By railroad	Shipped to market By truck	Used at colliery 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
Bel Air Coal Co.												
Bel Air Breaker	BP Luzerne	-	-	-	-	-	-	-	285	21	-	3
Bliss Coal Co.												
Bliss Strip	B S Sullivan	-	-	2,129	-	2,129	550	-	110	3	-	-
No. 1 Drift	DM Sullivan	-	-	2,991	-	2,991	1,300	-	89	5	-	1
<b>Total</b>		<b>-</b>	<b>-</b>	<b>5,120</b>	<b>-</b>	<b>5,120</b>	<b>1,850</b>	<b>-</b>	<b>8</b>	<b>8</b>	<b>-</b>	<b>1</b>
Bylite Corporation												
Bylite Bank	B bk Luzerne	-	-	7,829	-	7,829	b	-	64	18	-	-

District 11

Operators and Collieries	County	Shipped to market By railroad	Shipped to market By truck	Used at colliery 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
C.B.M. Coal Co.												
Empire Bank	bk Luzerne	6,120	1,004	1,912	80	9,116	c	-	105	2	-	-
Lance Bank	bk Luzerne	-	-	-	26,960	26,960	d	-	71	8	-	-
Laurel Run Bank	bk Luzerne	321	60	163	-	544	c	-	17	4	-	-
Maintenance Shop	Luzerne	-	-	-	-	-	-	-	281	3	-	-
Nottingham Bank	bk Luzerne	2,544	456	1,111	-	4,111	c	-	28	3	-	-
<b>Total</b>		<b>8,985</b>	<b>1,520</b>	<b>3,186</b>	<b>27,040</b>	<b>40,731</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>20</b>	<b>-</b>	<b>-</b>
Capone Coal Co.												
Miners Mills	S Luzerne	24,790	20,480	8,180	-	53,450	e	112,550	54,250	280	22	-
Dicksville Coal Co.												
Maltby	B DM Luzerne	-	-	1,837	-	1,837	f	4,000	-	87	21	-
E. & B. Coal Sales												
Booth Strip	B S Sullivan	-	-	3,609	-	3,609	g	-	191	5	-	-
Eastern Mining Corp.												
Stevens	DM Luzerne	5,359	5,762	4,440	-	15,561	h	11,250	250	127	16	-
Gigliello Coal Co.												
Ewen	DM Luzerne	3,371	349	2,092	-	5,812	i	460	50	221	8	-
Glen Alden Corporation												
Avondale Bank	bk Luzerne	-	-	-	95,627	95,627	d	-	143	3	-	-
Bliss Strip	S Luzerne	23,063	5,090	8,516	140	36,809	j	509,737	575	255	42	-
Empire-Kidder Strip	S Luzerne	4,371	1,047	1,774	50	7,242	k	1,080	225	73	20	-
Georgetown Strip	S Luzerne	26,496	4,747	11,556	97	42,896	l	-	-	239	12	-
Nanticoke Power Plant	Luzerne	-	-	-	-	-	-	-	365	37	-	1
Wenamie Strip	S Luzerne	78,647	22,836	20,310	175	121,968	m	292,650	1,875	242	21	-
<b>Total</b>		<b>132,577</b>	<b>33,720</b>	<b>42,156</b>	<b>96,089</b>	<b>304,542</b>	<b>803,467</b>	<b>2,675</b>	<b>750</b>	<b>135</b>	<b>-</b>	<b>3</b>
Grove Excavating Co.												
Lafin	DM Luzerne	765	592	380	-	1,737	n	2,060	450	34	17	-
Heights Coal Co.												
Lafin	DM Luzerne	6,881	702	5,494	-	13,077	o	14,650	250	207	12	-
Lafin Strip	S Luzerne	8,215	941	6,317	-	15,473	p	18,600	500	186	3	-
<b>Total</b>		<b>15,096</b>	<b>1,643</b>	<b>11,811</b>	<b>-</b>	<b>28,550</b>	<b>33,250</b>	<b>-</b>	<b>750</b>	<b>15</b>	<b>-</b>	<b>-</b>
Hudson Realty Co., Inc.												
Delaware	S Luzerne	5,918	1,059	2,582	38	9,597	c	500	21,500	194	4	-
Loree	B S Luzerne	43,417	7,773	18,949	389	70,528	c	282,110	23,400	255	102	-
Pine Ridge	S Luzerne	27,115	5,004	11,879	206	44,204	q	110,400	11,450	196	18	-
<b>Total</b>		<b>76,450</b>	<b>13,836</b>	<b>33,410</b>	<b>633</b>	<b>124,329</b>	<b>393,010</b>	<b>56,350</b>	<b>-</b>	<b>124</b>	<b>-</b>	<b>12</b>
K.P.T. Coal Co.												
Maltby	S Luzerne	-	-	2,127	-	2,127	f	4,600	200	70	4	-
Kassa Coal Co.												
Kassa Bank	B bk Luzerne	-	-	1,344	-	1,344	r	-	-	128	2	-

		District 11 Production - net tons					Pounds					Non-	
		Shipped to market		Sold	Used at	Total	permiss-	Pounds	Days	Empl-	Fatal	fatal	
		By	By	to	colliery	production	sible ex-	dynamite	worked	oves	acci-	acci-	
Operators and Collieries	County	railroad	truck:	trade	for steam	and heat	positives	used			dents	dents	
Lehigh Valley Anthracite, Inc.													
Dorrance Breaker	BP Luzerne	-	-	-	-	-	-	-	206	61	-	4	
Franklin	DM Luzerne	37,280	19,881	9,174	457	66,792 s	57,120	-	241	98	2	33	
Gaylord Strip	S Luzerne	266,193	141,954	65,506	3,262	476,915 t	463,818	12,450	330	102	1	11	
Harry E. Breaker	BP Luzerne	-	-	-	-	- u	-	-	24	33	-	-	
Kidder-Baltimore Strip	S Luzerne	119,816	63,894	29,486	1,468	214,664 v	543,959	20,200	330	55	-	6	
Loomis	B bk Luzerne	132,676	45,192	34,600	765	213,233 w	-	-	222	52	-	2	
<b>Total</b>		<b>555,965</b>	<b>270,921</b>	<b>138,766</b>	<b>5,952</b>	<b>971,604</b>	<b>1,064,897</b>	<b>32,650</b>		<b>401</b>	<b>3</b>	<b>56</b>	
Lombardi Coal Co.													
William A. Strip	S Luzerne	-	-	1,372	-	1,372 x	1,050	50	41	4	-	-	
Macarelli Coal Co.													
Butler	DM Luzerne	241	690	1,378	-	2,309 y	2,750	750	220	4	-	-	
Mitchell Coal Co., Inc.													
Lafin	DM Luzerne	13,180	1,364	8,181	-	22,725 i	34,000	1,150	220	18	-	3	
Oliver Coal Co.													
No. 14 Drift	DM Luzerne	-	-	1,643	-	1,643 f	1,250	150	110	5	-	-	
Pompey Coal Co.													
Eric-Lackawanna Bank	bk Luzerne	10,629	1,100	9,272	-	21,001 i	-	-	80	4	-	-	
Rosenn, Harold													
Barnum Strip	S Luzerne	210	570	1,120	-	1,900 z	2,000	500	36	4	-	-	
Scranton Excavating Co.													
William A. Strip	S Luzerne	33,350	5,544	17,228	-	56,122 aa	3,000	500	320	15	-	-	
Sebastopol Coal Co.													
Sebastopol Bank	B bk Luzerne	-	-	1,185	-	1,185 bb	-	-	20	6	-	-	
Sullivan Trail Coal Co.													
Maintenance Shops	Luzerne	-	-	-	-	-	-	-	264	144	-	5	
Susquehanna Coal Co.													
Wanamie Strips	S Luzerne	33,076	26,113	10,444	-	69,633	271,100	1,950	242	56	-	2	
Glen Nan Coal Co., Contractor													
Glen Lyon Colliery	DM Luzerne	258,899	204,393	81,758	-	545,050	624,978	12,000	242	317	4	95	
<b>Total</b>		<b>291,975</b>	<b>230,506</b>	<b>92,202</b>	<b>-</b>	<b>614,683 cc</b>	<b>896,078</b>	<b>13,950</b>		<b>373</b>	<b>4</b>	<b>97</b>	
Talamelli Coal Co.													
Westmoreland	DM Luzerne	22,073	1,663	10,479	-	34,215 i	34,150	725	264	46	1	4	
V-R Coal Corporation													
South Wilkes Barre Colliery	DM Luzerne	58,417	13,323	27,620	592	99,952 dd	146,000	-	240	88	-	15	
Wyoming Co.													
No. 14 Silt Bank	bk Luzerne	4,140	360	3,900	-	8,400 ee	-	-	72	6	-	-	
<b>District Total</b>		<b>1,257,573</b>	<b>603,943</b>	<b>441,867</b>	<b>130,306</b>	<b>2,433,689</b>	<b>3,551,672</b>	<b>165,400</b>	<b>240</b>	<b>1,554</b>	<b>8</b>	<b>203</b>	

		District 11 Production - net tons					Pounds					Non-	
		Shipped to market		Sold	Used at	Total	permiss-	Pounds	Days	Empl-	Fatal	fatal	
		By	By	to	colliery	production	sible ex-	dynamite	worked	oves	acci-	acci-	
Operators and Collieries	County	railroad	truck:	trade	for steam	and heat	positives	used			dents	dents	
DM - Deep Mined	S - Stripping	bk - Bank											
NOTE:	(a)	All coal prepared at Bliss Breaker					(p)	1,991 tons prepared at Bel Air Breaker					W - Washery
	(b)	All coal prepared at Bylite Breaker						10,148 tons prepared at Pompey Breaker - District 1					
	(c)	All coal prepared at Loree Breaker						3,334 tons prepared at DeAngelis Breaker - District 1					
	(d)	All coal used at Nanticoke Power Plant					(q)	369 tons prepared at Huber Breaker - District 13					
	(e)	45,021 tons prepared at Morgan Breaker - District 3						43,483 tons prepared at Loree Breaker					
		8,429 tons prepared at Bel Air Breaker						352 tons prepared at Marvine Breaker - District 1					
	(f)	All coal prepared at Dicksville Breaker					(r)	Breaker refuse sold to local power plants.					
	(g)	All coal prepared at Booth Breaker					(s)	All coal prepared at Dorran Breaker					
	(h)	4,040 tons prepared at Bel Air Breaker					(t)	45,410 tons prepared at Harry E. Breaker					
		2,423 tons prepared at Morgan Breaker - District 3						431,505 tons prepared at Dorran Breaker					
		9,098 tons prepared at Dicksville Breaker					(u)	Operation discontinued February 11, 1963.					
	(i)	All coal prepared at Pompey Breaker - District 1					(v)	4,502 tons prepared at Harry E. Breaker					
	(j)	12,807 tons prepared at Huber Breaker - District 13						210,162 tons prepared at Dorran Breaker					
		24,002 tons prepared at Loree Breaker					(w)	All coal prepared at Loomis Breaker					
	(k)	1,910 tons prepared at Huber Breaker - District 13					(x)	All coal prepared at DeAngelis Breaker - District 1					
		4,958 tons prepared at Loree Breaker						Operation discontinued February 28, 1963.					
		374 tons prepared at Marvine Breaker - District 1					(y)	295 tons prepared at Bel Air Breaker					
	(l)	42,845 tons prepared at Loree Breaker						2,014 tons prepared at Morgan Breaker - District 3					
		51 tons prepared at Huber Breaker - District 13					(z)	All coal prepared at Bel Air Breaker					
	(m)	116,184 tons prepared at Huber Breaker - District 13					(aa)	16,942 tons prepared at Bel Air Breaker					
		5,650 tons prepared at Loree Breaker						3,752 tons prepared at Morgan Breaker - District 3					
		134 tons prepared at Marvine Breaker - District 1						35,428 tons prepared at DeAngelis Breaker - District 1					
	(n)	All coal prepared at Morgan Breaker - District 3					(bb)	All coal prepared at Sebastopol Breaker					
		Operation discontinued February 15, 1963.					(cc)	492,928 tons prepared at Glen Lyon Breaker					
	(o)	186 tons prepared at Bel Air Breaker						121,755 tons prepared at Bel Air Breaker					
		7,887 tons prepared at Pompey Breaker - District 1					(dd)	998 tons prepared at Huber Breaker - District 13					
		5,004 tons prepared at DeAngelis Breaker - District 1						90,228 tons prepared at Loree Breaker					
							(ee)	8,726 tons prepared at Marvine Breaker - District 1					
								All coal prepared at No. 1 Washery - District 3					

		District 12					Pounds					Non-	
		Shipped to market		Sold	Used at	Total	permiss-	Pounds	Days	Empl-	Fatal	fatal	
		By	By	to	colliery	production	sible ex-	dynamite	worked	oves	acci-	acci-	
Operators and Collieries	County	railroad	truck:	trade	for steam	and heat	positives	used			dents	dents	
Acme Coal Co.													
L.V. No. 5 Vein Slope	DM Schuylkill	-	-	11,234	88	11,322 a	6,000	-	195	8	1	-	
Erosious & Troup Coal Co.													
L.V. No. 5 & 6 Vein Strip	S Dauphin	6,516	6,235	774	6	13,531 b	-	250	297	2	-	-	

District 12

Operators and Collieries	County	Production - net tons				Total production:	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	Used at	Used at							
		By : railroad	By : truck:	local trade	colliery for steam and heat							
Elizabethville Coal Co.												
Elizabethville Bank	bk Dauphin	16,000	-	-	-	16,000	-	-	165	1	-	-
Elizabethville Washery	W Dauphin	-	-	-	-	-	-	-	165	4	-	-
<b>Total</b>		<b>16,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,000 c</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>-</b>
G.A.D. Coal Co.												
Skidmore Slope	DM Dauphin	1,914	4,226	128	8	6,276 d	4,850	-	226	3	-	-
Gangloff Brothers												
Williamstown Silt Bank	bk Dauphin	120,000	-	-	-	120,000 e	-	-	168	7	-	-
K.A.M. Coal Co.												
K.A.M. Bank	bk Dauphin	2,050	1,768	-	-	3,818	-	-	175	1	-	-
K.A.M. Washery	W Dauphin	-	-	-	-	-	-	-	175	2	-	-
<b>Total</b>		<b>2,050</b>	<b>1,768</b>	<b>-</b>	<b>-</b>	<b>3,818 f</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>-</b>
K.E.W. Coal Co.												
White's Vein Slope	DM Schuylkill	2,592	1,773	2,171	34	6,570 g	2,135	190	180	4	-	-
Kelly Coal Co.												
Kelly Ramp	Ramp Dauphin	-	-	-	-	*	-	-	41	1	-	-
Kimmel Coal Co.												
Williamstown Silt Bank	bk Dauphin	94	36	-	-	130 h	-	-	11	1	-	-
Koppenhaver Coal Co.												
Holmes Slope	DM Dauphin	2,697	2,103	237	5	5,042 i	5,600	-	251	6	-	1
Maurer Coal Co., Wilmer												
White's Vein Slope	DM Schuylkill	623	1,029	685	5	2,342 j	2,000	-	192	6	-	2
Meadowbrook Coal Co.												
Meadowbrook Breaker	BP Dauphin	-	-	-	-	-	-	-	310	3	-	-
No. 4 Coal Co.												
White's Vein Slope	DM Schuylkill	2,730	12,270	-	-	15,000 k	3,500	-	250	14	-	1
P. & W. V. Coal Co.												
P. & W. V. Ramp	Ramp Dauphin	-	-	-	-	-	-	-	239	5	-	-
Pine Creek Coal Co.												
Pine Creek Breaker	BP Schuylkill	-	-	-	-	-	-	-	281	17	-	-
R. & S. Coal Co.												
Murdock Tunnel	DM Schuylkill	4,851	5,307	-	-	10,158 l	2,500	-	264	5	-	-
Shade, John A.												
No. 7 Vein Strip	S Dauphin	3,621	3,484	478	8	7,591 m	-	800	208	2	-	-
Shomper Coal Co.												
Shomper Breaker	BP Dauphin	-	-	-	-	-	-	-	237	3	-	-
Short Mountain Slope Coal Co.												
L.V. No. 2 Vein Slope	DM Schuylkill	6,256	9,809	5,015	35	21,115 n	12,150	-	295	6	-	-
Snyder Coal Co., John												
Wiconisco Silt Bank	bk Dauphin	251	98	-	-	349 h	-	-	34	2	-	-

District 12

Operators and Collieries	County	Production - net tons				Total production:	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	Used at	Used at							
		By : railroad	By : truck:	local trade	colliery for steam and heat							
Stonehill Coal Co.												
Stonehill Breaker	BP Dauphin	-	-	-	-	-	-	-	311	5	-	-
Strohecker Coal Co.												
Strohecker Breaker	BP Dauphin	-	-	-	-	-	-	-	300	11	-	-
Underkoffler Coal Co.												
Underkoffler Breaker	BP Dauphin	-	-	-	-	-	-	-	250	26	-	6
Valley Construction Co.												
L.V. No. 6 Vein Slope	DM Dauphin	4,316	4,131	-	-	8,447 o	4,425	-	236	4	-	-
White's Vein Coal Co.												
White's Vein Slope	DM Schuylkill	2,700	4,418	3	1	7,122 p	3,000	-	240	4	-	1
<b>District Total</b>		<b>177,211</b>	<b>56,687</b>	<b>20,725</b>	<b>190</b>	<b>254,813</b>	<b>46,160</b>	<b>1,240</b>	<b>240</b>	<b>153</b>	<b>1</b>	<b>12</b>

DM - Deep Mined      S - Striping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

- NOTE: (a) All coal prepared at Underkoffler Breaker (k) All coal prepared at Superior Breaker - District 16  
 (b) 12,751 tons prepared at P. & W. V. Ramp (l) 6,647 tons prepared at Anthracite Fine Coals Breaker - District 25  
 780 tons prepared at Underkoffler Breaker 3,347 tons prepared at Kelly Ramp  
 (c) All coal prepared at Elizabethville Washery 164 tons prepared at Strohecker Breaker  
 (d) 1,829 tons prepared at Oakwood Breaker - District 25 (m) 5,611 tons prepared at Kocher Breaker - District 16  
 4,447 tons prepared at Legal Breaker - District 16 1,184 tons prepared at Schneck Breaker - District 25  
 (e) All unprepared silt shipped to P.P. & L. Co., Sunbury, Pa. 579 tons prepared at Legal Breaker - District 16  
 (f) All coal prepared at K.A.M. Washery 217 tons prepared at Pine Creek Breaker  
 (g) 3,225 tons prepared at Penag Breaker - District 25 (n) 14,741 tons prepared at Strohecker Breaker  
 2,784 tons prepared at Strohecker Breaker 4,440 tons prepared at Underkoffler Breaker  
 561 tons prepared at Stonehill Breaker 1,391 tons prepared at Kocher Breaker - District 16  
 (h) All coal prepared at Anthracite Fine Coals Breaker - District 25 516 tons prepared at Meadowbrook Breaker  
 (i) All coal prepared at Kocher Breaker - District 16 27 tons prepared at Pine Creek Breaker  
 (j) 1,652 tons prepared at Strohecker Breaker (o) All coal prepared at P. & W. V. Ramp  
 492 tons prepared at Underkoffler Breaker (p) 7,062 tons prepared at Strohecker Breaker  
 104 tons prepared at Meadowbrook Breaker 60 tons prepared at Kocher Breaker - District 16  
 94 tons prepared at Stonehill Breaker \* Kelly Coal Company discontinued operation on  
 This mine ceased operations on October 7, 1963. March 27, 1963

District 13

Bartoli Construction Co., Gene												
Warrior Run Bank	bk Luzerne	-	21,890	-	-	21,890 a	-	-	147	3	-	-

		District 13 Production - net tons					Pounds					
		Shipped to market		Sold to	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	used					
<b>Glen Alden Corporation</b>												
Buttonwood Strip	S Luzerne	19,975	4,237	7,651	128	31,991 b	-	13,750	215	20	-	2
Huber Colliery	B DM Luzerne	465,751	136,404	117,770	762	720,687 c	819,490	-	259	905	2	149
Maffetts Strip	S Luzerne	6,532	1,185	2,825	34	10,576 d	-	5,200	123	5	-	-
Sugar Notch Colliery	DM Luzerne	93,138	27,130	23,787	163	144,218 e	102,500	-	258	154	-	43
Sugar Notch Strip	S Luzerne	18,838	4,111	7,028	55	30,032 f	-	31,700	230	20	-	-
Truesdale Colliery	DM Luzerne	64,210	18,764	31,755	753	115,482 g	102,438	6,810	233	113	-	32
Truesdale Strip	S Luzerne	101,249	21,905	38,408	563	162,125 h	-	61,438	255	32	-	2
<b>Total</b>		<b>769,693</b>	<b>213,736</b>	<b>229,224</b>	<b>2,458</b>	<b>1,215,111</b>	<b>1,024,428</b>	<b>118,898</b>	<b>1,252</b>	<b>2</b>	<b>228</b>	
<b>R.A. Corporation</b>												
Buttonwood Strip	S Luzerne	7,577	1,593	3,498	43	12,711 i	-	3,900	130	3	-	-
San Mining Co., Inc.	DM Luzerne	29,552	6,011	11,734	96	47,393 j	70,000	-	223	42	-	5
Sullivan Trail Coal Co.	bk Luzerne	986	1,478	-	-	2,464 a	-	-	11	2	-	-
<b>District Total</b>		<b>807,808</b>	<b>244,708</b>	<b>244,456</b>	<b>2,597</b>	<b>1,299,569</b>	<b>1,094,428</b>	<b>122,798</b>	<b>252</b>	<b>1,299</b>	<b>2</b>	<b>233</b>

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

NOTE: (a) All coal shipped unprepared to power plants (g) 11,699 tons prepared at Huber Breaker  
 (b) 8,816 tons prepared at Huber Breaker 83,820 tons prepared at Loree Breaker - District 11  
 23,175 tons prepared at Loree Breaker - District 11 19,963 tons prepared at Marvine Breaker - District 1  
 (c) 707,010 tons prepared at Huber Breaker (h) 48,634 tons prepared at Huber Breaker  
 13,677 tons prepared at Loree Breaker - District 11 113,086 tons prepared at Loree Breaker - District 11  
 (d) 205 tons prepared at Huber Breaker 405 tons prepared at Marvine Breaker - District 1  
 10,371 tons prepared at Loree Breaker - District 11 (i) 11,983 tons prepared at Loree Breaker - District 11  
 (e) 139,415 tons prepared at Huber Breaker 728 tons prepared at Marvine Breaker - District 1  
 4,803 tons prepared at Loree Breaker - District 11 (j) 9,611 tons prepared at Huber Breaker  
 (f) 9,856 tons prepared at Huber Breaker 37,782 tons prepared at Loree Breaker - District 11  
 20,176 tons prepared at Loree Breaker - District 11

		District 14					Pounds					
		Shipped to market		Sold to	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	used					
<b>Glen Alden Corporation</b>												
Wanamie Colliery	DM Luzerne	493,619	145,454	123,385	780	763,238 a	679,400	15,450	257	726	2	161
Wanamie Slopes	DM Luzerne	35,516	10,477	8,861	46	54,900 b	87,000	-	241	35	-	2
Wanamie Strip	S Luzerne	90,534	23,264	28,162	437	142,397 c	477,000	-	241	46	-	-
<b>Total</b>		<b>619,669</b>	<b>179,195</b>	<b>160,408</b>	<b>1,263</b>	<b>960,535</b>	<b>1,243,400</b>	<b>15,450</b>	<b>807</b>	<b>2</b>	<b>163</b>	

		District 14					Pounds					
		Shipped to market		Sold to	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	used					
<b>Susquehanna Coal Co.</b>												
Grant Anthracite Co.	B Luzerne	-	-	-	-	-	-	-	215	114	-	-
<b>District Total</b>		<b>619,669</b>	<b>179,195</b>	<b>160,408</b>	<b>1,263</b>	<b>960,535</b>	<b>1,243,400</b>	<b>15,450</b>	<b>250</b>	<b>921</b>	<b>2</b>	<b>163</b>

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

NOTE: (a) 761,180 tons prepared at Huber Breaker - District 13 (c) 93,910 tons prepared at Huber Breaker - District 13  
 2,038 tons prepared at Loree Breaker - District 11 48,447 tons prepared at Loree Breaker - District 11  
 (b) All coal prepared at Huber Breaker - District 13 40 tons prepared at Marvine Breaker - District 1

		District 15					Pounds					
		Shipped to market		Sold to	Used at	Total	permissible explosives	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
Operators and Collieries	County	By railroad	By truck	local trade	for steam and heat	production	used					
<b>Audenried Mines, Inc.</b>												
No. 11 Slope	DM Schuylkill	11,419	6,702	4,032	21	22,174 a	24,000	-	217	23	-	-
<b>Beaver Brook Coal Co., Inc.</b>												
Beaver Brook Breaker	BP Luzerne	-	-	-	-	- b	-	-	230	56	-	-
Oneida Strip	S Schuylkill	2,773	3,879	435	40	7,127	19,600	-	96	12	-	-
<b>Total</b>		<b>2,773</b>	<b>3,879</b>	<b>435</b>	<b>40</b>	<b>7,127</b>	<b>19,600</b>	<b>-</b>	<b>215</b>	<b>68</b>	<b>-</b>	<b>-</b>
<b>Cunningham Coal Co.</b>												
Lion Bank	bk Luzerne	286,068	592	9,262	-	295,922	-	-	204	10	-	-
Lion Breaker	B Luzerne	-	-	-	-	-	-	-	204	25	-	2
<b>Total</b>		<b>286,068</b>	<b>592</b>	<b>9,262</b>	<b>-</b>	<b>295,922</b>	<b>-</b>	<b>-</b>	<b>35</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Fern Glen Mining Co.</b>												
No. 13 Slope	DM Luzerne	1,320	-	641	40	2,001 e f	3,200	200	107	6	-	-
<b>Gatti Engineering Co., Inc.</b>												
Olegna Slope	DM Luzerne	-	3,600	-	-	3,600 g	4,000	-	90	9	-	-
<b>Gowen Coal Co.</b>												
Gowen Breaker	B Luzerne	-	-	-	-	-	-	-	215	25	-	-
Gowen Strip	S Luzerne	24,092	-	11,691	730	36,513	-	387,090	280	35	-	-
<b>Total</b>		<b>24,092</b>	<b>-</b>	<b>11,691</b>	<b>730</b>	<b>36,513</b>	<b>-</b>	<b>387,090</b>	<b>60</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Greybosh Coal Co.</b>												
Greybosh Breaker	BP Luzerne	-	-	-	-	-	-	-	190	3	-	-
<b>Honeybrook Mines, Inc.</b>												
Audenried Strip	S Schuylkill	199,991	117,384	70,623	371	388,369 a	-	3,110,000	240	160	-	7
Honeybrook Breaker	B Carbon	-	-	-	-	-	-	-	232	77	-	3
Humboldt Strip	S Luzerne	23,903	9,576	9,443	260	43,182 h	-	325,000	216	16	-	1
<b>Total</b>		<b>223,894</b>	<b>126,960</b>	<b>80,066</b>	<b>631</b>	<b>431,551</b>	<b>-</b>	<b>3,435,000</b>	<b>253</b>	<b>-</b>	<b>11</b>	<b>-</b>

Operators and Collieries		County	District 15 Production - net tons				Total production:	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
			Shipped to market		Used at								
			By railroad	By truck	Sold to local trade	colliery for steam and heat							
Huss, George													
Huss Banks	bk	Luzerne	7,527	10,528	1,182	106	19,343	-	-	188	18	-	-
Lattimer Bank	bk	Luzerne	2,707	3,784	425	41	6,957	-	-	112	12	-	-
Lattimer Strip	S	Luzerne	12,643	17,630	1,984	235	32,492 i	114,700	-	162	38	-	-
<b>Total</b>			<b>22,877</b>	<b>31,942</b>	<b>3,591</b>	<b>382</b>	<b>58,792 c</b>	<b>114,700</b>	-	<b>462</b>	<b>68</b>	-	-
Jeddo-Highland Coal Co.													
Eckley Strip	S	Luzerne	31,913	51,272	16,807	996	100,988 j	-	597,004	255	40	-	-
Highland Strip	S	Luzerne	28,009	44,996	14,750	875	88,630 j	-	900	199	44	-	-
Highland No. 5 Fine Coal Plant	B	Luzerne	-	-	-	-	-	-	-	235	23	-	1
Highland No. 5 Bank	bk	Luzerne	232,085	-	-	273	232,358 k	-	-	235	20	-	2
Jeddo No. 7 Breaker	B	Luzerne	-	-	-	-	-	-	-	236	78	-	2
Jeddo No. 7 Strip	S	Luzerne	27,453	44,102	14,457	856	86,868 j	-	29,184	297	12	-	-
Stockton Strip	S	Luzerne	18,995	30,514	10,003	593	60,105 l	-	448,338	258	27	-	-
<b>Total</b>			<b>338,455</b>	<b>170,884</b>	<b>56,017</b>	<b>3,593</b>	<b>568,949</b>	-	<b>1,075,426</b>	<b>244</b>	<b>111</b>	-	<b>5</b>
Kassa Coal Co.													
Wharton Strip	S	Carbon	-	1,344	-	-	1,344 l	-	-	40	5	-	-
L. & D. Mining, Inc. No. 1 Drift	DM	Luzerne	-	3,540	-	-	3,540 n m	2,400	-	100	8	-	-
Lee Mining Co., J. F. Drifton No. 1 Slope	DM	Luzerne	-	6,600	-	-	6,600 g	5,000	-	201	18	-	2
Lehigh Valley Anthracite, Inc.													
Admiral Bank	bk	Luzerne	21,208	24,310	4,867	-	50,385	-	-	197	18	-	-
Harwood Strip	S	Luzerne	26,637	30,536	6,114	-	63,287 o	228,204	-	135	74	-	1
Hazleton Shaft Breaker	B	Luzerne	-	-	-	-	-	-	-	180	75	-	4
Hazleton Shaft Strip	S	Luzerne	41,681	47,781	9,566	-	99,028 o	357,081	-	180	63	-	-
Spring Mountain Strip	S	Carbon	124,099	142,261	28,482	-	294,842 o	1,232,754	-	325	129	1	11
<b>Total</b>			<b>213,625</b>	<b>244,888</b>	<b>49,029</b>	-	<b>507,542 p</b>	-	<b>1,818,039</b>	<b>359</b>	<b>1</b>	<b>16</b>	
Leonard Coal Co.													
Leonard Breaker	BP	Luzerne	-	-	-	-	-	-	-	140	2	-	-
Mineralis Recovery Corp.													
Mineralis Bank	bk	Luzerne	-	720	1,950	-	2,670 q	-	-	65	5	-	-
Mineralis Breaker	B	Luzerne	-	-	-	-	-	-	-	65	17	-	-
<b>Total</b>			-	<b>720</b>	<b>1,950</b>	-	<b>2,670 r</b>	-	-	<b>130</b>	<b>22</b>	-	-
Perchak Trucking Co.													
Perchak Bank	bk	Carbon	-	21,406	-	-	21,406 s	-	-	32	5	-	-
Racho, George													
Harwood Bank	bk	Luzerne	82,588	-	-	-	82,588 s	-	-	68	6	-	-
Hazleton Shaft Bank	bk	Luzerne	301,739	25,723	-	-	327,462 s	-	-	203	8	-	-

Operators and Collieries		County	District 15 Production - net tons				Total production:	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
			Shipped to market		Used at								
			By railroad	By truck	Sold to local trade	colliery for steam and heat							
Racho, George (continued)													
Stockton Bank	bk	Luzerne	11,895	43,650	1,060	95	56,700 t	-	-	211	8	-	-
<b>Total</b>			<b>396,222</b>	<b>69,373</b>	<b>1,060</b>	<b>95</b>	<b>466,750</b>	-	-	<b>22</b>	<b>-</b>	<b>-</b>	<b>-</b>
Sandy Run Miners & Producers, Inc.													
Upper Lehigh Breaker	B	Luzerne	-	-	-	-	-	-	-	127	16	-	-
Upper Lehigh Strip	S	Luzerne	-	14,200	6,652	-	20,852	268,900	-	207	33	-	-
<b>Total</b>			-	<b>14,200</b>	<b>6,652</b>	-	<b>20,852 u</b>	<b>268,900</b>	-	<b>49</b>	<b>-</b>	<b>-</b>	<b>-</b>
Tedesco Bros. Coal Co.													
Tedesco Breaker	BP	Luzerne	-	-	-	-	-	-	-	82	4	-	-
<b>District Total</b>			<b>1,520,745</b>	<b>706,630</b>	<b>224,426</b>	<b>5,532</b>	<b>2,457,333</b>	<b>172,900</b>	<b>6,984,655</b>	<b>215</b>	<b>1,263</b>	<b>1</b>	<b>36</b>

- DM - Deep Mined      S - Stripping
- bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery
- NOTE: (a) All coal prepared at Honeybrook Breaker  
 (b) Ceased operations during July 1963.  
 (c) All coal prepared at Beaver Brook Breaker  
 (d) All coal prepared at Lion Breaker  
 (e) Ceased operations during June 1963  
 (f) All coal prepared at Gowen Breaker  
 (g) All coal prepared at Blaschak Breaker - District 26  
 (h) 31,678 tons prepared at Honeybrook Breaker  
 11,504 tons prepared at Gowen Breaker  
 (i) Operated by Beaver Brook Coal Co., Inc. to November 1963,  
 under same management.  
 (j) All coal prepared at Jeddo No. 7 Breaker  
 (k) All coal prepared at Highland No. 5 Fine Coal Plant

- (l) All coal prepared at Kassa Breaker - District 11  
 (m) All coal prepared at Wessner Breaker - District 26  
 (n) Operated as a small mine until June 1963.  
 (o) Operated by Sullivan Trail Coal Co. to November 1963,  
 under same management.  
 (p) All coal prepared at Hazleton Shaft Breaker  
 (q) Ceased operations during May 1963.  
 (r) All coal prepared at Mineralis Breaker  
 (s) All coal shipped unprepared to market  
 (t) 17,390 tons prepared at Beaver Brook Breaker  
 39,310 tons shipped unprepared to market  
 (u) All coal prepared at Upper Lehigh Breaker

Operators and Collieries		County	District 16 Production - net tons				Total production:	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
			Shipped to market		Used at								
			By railroad	By truck	Sold to local trade	colliery for steam and heat							
A. & J. Coal Co.													
Middle Split Slope	DM	Schuylkill	6,571	5,121	577	12	12,281 a	14,000	-	292	13	-	-
B. & M. Coal Co.													
B. & M. Tunnel	DM	Schuylkill	15,090	984	16,403	328	32,805 b	7,800	-	260	10	-	1
Bixler Coal Co., Clayton M. Bixler Breaker	BP	Schuylkill	-	-	-	-	-	-	-	71	2	-	-
Bixler Coal Co., Herman Middle Split Slope	DM	Schuylkill	9,585	13,853	492	242	24,172 c	7,350	300	207	11	-	-

		District 16 Production - net tons				Pounds							
Operators and Collieries	County	Shipped to market		Sold to local trade	Used at colliery for steam and heat	Total production	permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents	
		By railroad	By truck										
Bush Coal Co.													
Top Split Slope	DM Schuylkill	11,010	23,637	53,315	439	88,401 d	45,000	-	274	37	-	3	
Clark Coal Co.													
Skidmore Slope	DM Schuylkill	14,361	11,384	1,283	273	27,301 a	13,500	-	311	20	-	2	
E. & H. Coal Co.													
No. 2 Middle Split Slope	DM Schuylkill	-	-	10,378	52	10,430 e	19,200	-	220	7	-	-	
Erdman Bros. Coal Co.													
Middle Split Slope	DM Schuylkill	13,364	19,284	1,125	51	33,824 f	21,800	-	305	15	-	6	
Green Coal Co.													
Buck Mountain Slope	DM Schuylkill	2,318	5,595	-	80	7,993	9,150	-	212	6	-	1	
Buck Mountain Slope No. 2	DM Schuylkill	543	1,312	-	19	1,874	2,300	-	73	7	-	-	
Total		2,861	6,907	-	99	9,867 g	11,450	-	-	13	-	1	
H. & H. Coal Co.													
Mammoth Slope	DM Schuylkill	696	542	5,225	27	6,490 e	1,850	-	250	5	-	-	
H. & W. Coal Co.													
Middle Split Slope	DM Schuylkill	1,678	1,869	116	14	3,677 i	3,250	-	270	6	-	-	
No. 2 Middle Split Slope	DM Schuylkill	800	1,794	1,456	96	4,146 i	3,650	-	215	6	-	-	
Total		2,478	3,663	1,572	110	7,823 h	6,900	-	-	12	-	-	
Harman Coal Co.													
Buck Mountain Slope	DM Schuylkill	2,377	5,736	-	82	8,195 j	8,750	-	290	5	-	-	
Hatter Coal Co.													
Buck Mountain Slope	DM Schuylkill	145	350	-	5	500 a	450	-	93	5	-	-	
High Test Coal Co.													
Skidmore Slope	DM Schuylkill	8,718	21,043	-	301	30,062 j	15,000	-	296	20	-	3	
J. & C. Coal Co.													
Skidmore Slope	DM Schuylkill	14,717	12,467	1,607	4	28,795 k	17,000	1,000	294	17	-	4	
Kehler Coal Co.													
Middle Split Slope	DM Schuylkill	11,383	12,066	5,096	152	28,697 l	7,305	-	296	20	2	-	
Koppenhaver Coal Co.													
Buck Mountain Slope	DM Schuylkill	8,495	10,038	561	74	19,168 m	25,500	-	252	9	-	-	
Legal Coal Co.													
Legal Breaker	BP Schuylkill	-	-	-	-	-	-	-	306	22	-	-	
Legal Strip	S Schuylkill	2,708	6,534	-	93	9,335 n	4,500	-	78	5	-	-	
Total		2,708	6,534	-	93	9,335 j	4,500	-	-	27	-	-	
M. A. C. C. Coal Co.													
No. 1 Middle Split Slope	DM Schuylkill	11,858	13,652	1,587	2	27,099 o	14,500	-	249	14	-	2	
Maurer Coal Co., Clark													
Skidmore Slope	DM Schuylkill	6,612	5,145	580	2	12,339 a	6,000	-	241	10	-	-	

		District 16 Production - net tons				Pounds							
Operators and Collieries	County	Shipped to market		Sold to local trade	Used at colliery for steam and heat	Total production	permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents	
		By railroad	By truck										
Morgan & Harner Co.													
Skidmore Slope	DM Schuylkill	16,817	13,085	1,475	3	31,380 a	22,750	-	300	11	-	2	
Ney & Lehman Coal Co.													
No. 2 Slope	DM Schuylkill	4,363	13,863	816	58	19,100 p	15,100	-	302	10	-	1	
Parkway Anthracite Co., Inc.													
Mammoth Slope	DM Schuylkill	1,704	23,510	149	3	25,366 q	4,700	-	240	46	1	10	
R. & K. Coal Co.													
Skidmore Slope	DM Schuylkill	4,076	9,839	29,506	300	43,721 r	3,600	-	270	17	-	4	
S. & S. Coal Co.													
Skidmore Slope	DM Schuylkill	24,764	19,270	2,172	5	46,211 a	26,200	-	302	14	-	-	
Shade Coal Co.													
No. 2 Vein Slope	DM Schuylkill	4,535	296	7,222	118	12,171 s	1,175	-	274	6	-	2	
Shuey Coal Co.													
Primrose Slope	DM Schuylkill	6,007	8,931	303	97	15,338 t	9,800	-	282	11	1	2	
Superior Coal Co.													
Superior Breaker	BP Schuylkill	-	-	-	-	-	-	-	306	11	-	-	
Wiest Coal Co.													
Primrose Slope	DM Schuylkill	1,059	824	92	1	1,976 a	1,815	-	192	5	-	-	
Williamson Coal Co., A.R.													
Skidmore Slope	DM Schuylkill	12,556	19,378	206	15	32,155 u	35,070	-	310	29	-	9	
District Total		218,910	281,402	141,742	2,948	645,002	368,065	1,300	267	432	4	52	
DM - Deep Mined	S - Stripping	bk - Bank		B - Breaker		BP - Breaker Preparation Only.						W - Washery	

NOTE: (a) All coal prepared at Kocher Breaker - District 30  
 (b) All coal prepared at Penag Breaker - District 25  
 (c) 13,702 tons prepared at Legal Breaker  
 10,470 tons prepared at Kocher Breaker - District 30  
 12,015 tons prepared at Pine Creek Breaker - District 12  
 38,527 tons prepared at Underkoffler Breaker - District 12  
 6,397 tons prepared at Kocher Breaker - District 30  
 6,457 tons prepared at Direnzo Breaker - District 21  
 852 tons prepared at Strohscker Breaker - District 12  
 15,146 tons prepared at Schneck Breaker - District 25  
 5,830 tons prepared at Franklin Breaker - District 25  
 3,177 tons prepared at Swatara Breaker - District 25  
 (e) All coal prepared at Pine Creek Breaker - District 12  
 (f) 13,881 tons prepared at Schneck Breaker - District 25  
 10,777 tons prepared at Deaven Breaker - District 25  
 4,009 tons prepared at Underkoffler Breaker - District 12  
 3,208 tons prepared at Hillside Breaker - District 25  
 1,949 tons prepared at K. & P. Breaker - District 21  
 (g) All coal prepared at Legal Breaker.  
 Buck Mountain Slope abandoned September 30, 1963.  
 (h) 1,490 tons prepared at Pine Creek Breaker - District 12  
 590 tons prepared at Deaven Breaker - District 25  
 3,183 tons prepared at Legal Breaker - District 25  
 2,560 tons prepared at Kocher Breaker - District 30  
 (i) Four Foot Slope operated by H. & W. Coal Co. changed to Middle Split Slope. No. 2 Middle Split Slope now being operated by H. & W. Coal Co. was formerly operated by B.K.P. Coal Co.

		District 16											
		Production - net tons											
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	Pounds 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								production
NOTE: (j)	All coal prepared at Legal Breaker					(q)	22,185 tons prepared at Parkway Anthracite Breaker - District 25						
(k)	24,235 tons prepared at Kocher Breaker - District 30						3,181 tons prepared at Kocher Breaker - District 30						
	2,707 tons prepared at Deaven Breaker - District 25					(r)	25,995 tons prepared at Pine Creek Breaker - District 12						
	1,000 tons prepared at Swatara Breaker - District 25						14,056 tons prepared at Legal Breaker						
	853 tons prepared at Strohecker Breaker - District 12						3,670 tons prepared at Underkoffler Breaker - District 12						
(l)	1,658 tons prepared at Steam Coal Sbreaker - District 24					(s)	9,860 tons prepared at Penag Breaker - District 25						
	10,193 tons prepared at Penag Breaker - District 25						2,311 tons prepared at Underkoffler Breaker - District 12						
	4,939 tons prepared at Legal Breaker					(t)	8,963 tons prepared at Legal Breaker						
	5,188 tons prepared at Anthracite Fine Coals Breaker - District 25						6,232 tons prepared at Kocher Breaker - District 30						
	6,719 tons prepared at Strohecker Breaker - District 12						143 tons prepared at Maple Spring Breaker - District 21						
(m)	11,939 tons prepared at Kocher Breaker - District 30					(u)	1,142 tons prepared at Legal Breaker						
	7,229 tons prepared at Legal Breaker						1,527 tons prepared at Superior Breaker						
(n)	Strip mine abandoned during September 1963.						28,958 tons prepared at Strohecker Breaker - District 12						
(o)	13,501 tons prepared at Kocher Breaker - District 30						528 tons prepared at Steam Coals Breaker - District 24						
	13,598 tons prepared at Deaven Breaker - District 25												
(p)	5,832 tons prepared at Schneck Breaker - District 25												
	4,198 tons prepared at Deaven Breaker - District 25												
	4,179 tons prepared at Koch Breaker - District 25												
	301 tons prepared at Anthracite Fine Coals Breaker - District 25												
	4,590 tons prepared at Underkoffler Breaker - District 12												

		District 17											
		Production - net tons											
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	Pounds 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								production
C. & M. Coal Co.													
No. 10g Vein S.D. Slope	DM Northumberland	2,972	2,627	331	12	5,942 a b	2,550	625	201	6	-	1	
D. H. & W. Coal Co.													
No. 2 & 4 Slopes	DM Northumberland	11,899	7,410	22,801	36	42,146	16,900	1,000	298	16	-	2	
No. 1 Slope	DM Northumberland	-	-	-	-	- c	-	-	41	-	-	-	
No. 3 Slope	DM Northumberland	-	-	-	-	- c	-	-	35	-	-	-	
Total		11,899	7,410	22,801	36	42,146 d	16,900	1,000	16	-	-	2	
Edgewood Contracting Co.													
E-2 Strip	S Northumberland	2,023	2,075	4,202	-	8,300 e f	-	500	157	3	-	-	
Fairdeal Coal Co.													
No. 9 Vein S.D. Slope	DM Northumberland	4,134	6,293	8,728	18	19,173 g	5,150	625	309	14	-	1	
Glosek Bros. Coal Sales, Inc.													
G-1 Strip	S Northumberland	1,830	-	11,232	33	13,095 h	-	1,510	301	5	-	-	
H. J. & H. Coal Co.													
H. J. & H. Breaker	BP Northumberland	-	-	-	-	-	-	-	278	4	-	-	

		District 17											
		Production - net tons											
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	Pounds 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								production
Minel, Inc.													
K-1 Strip	S Northumberland	7,148	17,301	14,860	52	39,361 i	-	12,720 j	290	11	-	-	
Phillips Coal Co.													
No. 4 Slope	DM Northumberland	5,860	-	11,898	33	17,791	7,100	250	307	9	-	-	
No. 5 Slope	DM Northumberland	3,168	2,946	5,550	26	11,690	3,900	300	297	6	-	-	
Total		9,028	2,946	17,448	59	29,481 k	11,000	550	15	-	-	-	
Reading Anthracite Co.													
Trevorton Breaker (Old)	BP Northumberland	-	-	-	-	- l	-	-	365	3	-	-	
Trevorton Breaker (New)	BP Northumberland	-	-	-	-	- m	-	-	259	16	-	3	
Trevorton S-5 Strip	S Northumberland	87,245	11,804	3,459	78	102,586 n	-	325,630 o	281	35	-	3	
North Franklin Bank	bk Northumberland	20,694	1,577	473	-	22,744 p	-	-	187	2	1	-	
(Wright Coal Co., Cont.)													
Total		107,939	13,381	3,932	78	125,330	-	325,630	56	1	6	6	
Reed Mining Co.													
No. 3 & 4 Slopes	DM Northumberland	2,445	2,278	779	55	5,557 q r	2,850	-	169	6	-	-	
Rosini Coal Co.													
R-1 Strip	S Northumberland	79,686	71,144	8,698	813	160,341 s	-	34,636 t	348	19	-	2	
(Carbo Contractors, Inc., Cont.)													
Zerco Coal Co., Inc.													
Mount Poco No. 3 Slope	DM Northumberland	23,233	7,415	18,785	44	49,477 u	29,800	-	338	29	-	-	
District Total		252,337	132,870	111,796	1,200	498,203	68,250	377,796 v	300	184	1	12	
DM - Deep Mined	S - Stripping												
		bk - Bank		B - Breaker		BP - Breaker Preparation Only.						W - Washery	

NOTE: (a) All coal prepared at Carbon Run Breaker - District 24

(b) Ceased operations October 20, 1963.

(c) Slopes used for pumping.

(d) 18,946 tons prepared at North Line Breaker - District 24

17,039 tons prepared at D. & Z. Breaker - District 24

5,470 tons prepared at Split Vein Breaker - District 24

691 tons prepared at Swift Breaker - District 24

(e) 3,415 tons prepared at Split Vein Breaker - District 24

4,300 tons prepared at Glosek Breaker - District 24

585 tons prepared at D. & Z. Breaker - District 24

(f) Began operations in May - ceased operations in November 1963.

(g) 7,731 tons prepared at Glosek Breaker - District 24

4,177 tons prepared at Bar Mac Breaker - District 24

7,265 tons prepared at Sunshine Breaker - District 28

(h) All coal prepared at Glosek Breaker - District 24

(i) 1,335 tons prepared at Lower Region Breaker - District 24

3,752 tons prepared at Glosek Breaker - District 24

18,548 tons prepared at D. & Z. Breaker - District 24

15,726 tons prepared at Sunshine Breaker - District 28

(j) 60,000 lb. Ammonium nitrate was used at this mine.

(k) 25,703 tons prepared at North Line Breaker - District 24

3,778 tons prepared at Sunshine Breaker - District 28

(l) Idle during 1963.

(m) Began preparation of coal for market June 6, 1963 - 122 days erecting breaker - 137 days on preparation of coal.

(n) 71,140 tons prepared at Trevorton Breaker

15,549 tons from stock pile prepared at Carbon Run Breaker

1,673 tons from stock pile prepared at North Line Breaker - all District 24

14,224 tons from stock pile shipped to P. P. & L. Co.



**District 17**  
Production - net tons

Operators and Collieries	County	Production - net tons				Pounds			Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
		Shipped to market		Used at		Total production	permis- sible ex- plosives used	Pounds dynamite used				
		By railroad	By truck	to local trade	to colliery for steam and heat							
NOTE: (o) 1,408,820 lbs. of Ammonium Nitrate was used at this mine.				(s) 158,141 tons prepared at Carbon Run Breaker - District 24								
(p) All coal prepared at Trevorton Breaker				(t) 2,200 tons prepared at Lower Region Breaker - District 24								
(q) All coal prepared at Glen Burn Breaker - District 24				(u) 171,915 lbs. Ammonium Nitrate was used at this mine.								
(r) Ceased operations in August 1963.				(v) All coal prepared at Bar Mac Breaker - District 24								
				(v) 1,712,735 lbs. of Ammonium Nitrate was used at this mine.								

**District 18**

Operators and Collieries	County	Shipped to market By railroad	Shipped to market By truck	Used at local trade	Used at colliery for steam and heat	Total production	Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
A. & D. Coal Co. Mammoth Slope	DM Schuylkill	845	2,245	2,203	27	5,320 a	980	-	290	7	-	-
Anthracite By-Products Lansford Bank	bk Carbon	1,829	1,738	331	-	3,898 b	-	-	69	3	-	-
Atlantic Management Co. Mary-D Washery	W Schuylkill	-	-	-	-	-	-	-	57	10	-	-
Mary-D Bank	bk Schuylkill	4,962	-	-	-	4,962	-	-	57	10	-	-
<b>Total</b>		<b>4,962</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,962 c</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>-</b>
Big Pine Coal, Inc. No. 1 Tunnel	DM Schuylkill	2,360	1,106	3,835	75	7,376 d	2,700	-	303	5	-	-
Bliss & Son, Inc., R. I. Bliss Washery	W Carbon	-	-	-	-	-	-	-	163	6	-	-
Bliss Bank	bk Carbon	25,432	12,428	-	-	37,860	-	-	163	5	-	-
<b>Total</b>		<b>25,432</b>	<b>12,428</b>	<b>-</b>	<b>-</b>	<b>37,860 e</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11</b>	<b>-</b>	<b>-</b>
Brockton Black Beauty Coal Co. Brockton Breaker	BP Schuylkill	-	-	-	-	-	-	-	176	3	-	-
Canfield Construction Co. Kaska Strip	S Schuylkill	3,358	3,587	3,061	83	10,089 f	-	-	188	5	-	-
Charbon Fuel Sales Co., Inc. Brockton Strip	S Schuylkill	1,109	357	1,077	23	2,566 g	-	-	57	6	-	-
F. & S. Coal Co. Tracy Slope	DM Schuylkill	430	600	261	13	1,304 h i	450	-	97	6	-	-
Farley & Ihnat Coal Co. Buck Slope	DM Schuylkill	3,469	15,501	7,328	105	26,403 j	5,200	2,500	288	18	-	6
G. & S. Coal Co., Inc. G. & S. Washery	W Carbon	-	-	-	-	-	-	-	152	1	-	-
G. & S. Bank	bk Carbon	-	3,410	-	-	3,410	-	-	152	1	-	-
<b>Total</b>		<b>-</b>	<b>3,410</b>	<b>-</b>	<b>-</b>	<b>3,410 k</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>

**District 18**  
Production - net tons

Operators and Collieries	County	Shipped to market By railroad	Shipped to market By truck	Used at local trade	Used at colliery for steam and heat	Total production	Pounds permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non-fatal acci- dents
Greenwood Mining Co. Greenwood Breaker	BP Schuylkill	-	-	-	-	-	-	-	244	82	-	5
Greenwood Stripping Corp. Edgemont Orchard Strip	S Carbon	1,616	1,717	327	-	3,660 l	-	-	18	*	-	-
Greenwood Strip	S Schuylkill	196,770	186,916	35,597	-	419,283	1,906,340	787,368	242	154	-	20
Harbon No. 10 Strip	S Schuylkill	23,045	21,891	4,170	-	49,106	95,050	6,500	289	12	-	-
Harbon Loomis Strip	S Schuylkill	26,095	24,788	4,721	-	55,604	30,000	2,200	289	16	-	1
Lansford No. 5 Strip	S Carbon	40,954	38,904	7,409	-	87,267	204,780	-	289	35	-	1
Lansford No. 6 Strip	S Carbon	2,000	1,718	327	-	4,045 m	-	-	34	*	-	-
Little Italy Strip	S Carbon	48,370	45,948	8,750	-	103,068	340,000	34,070	284	37	-	7
Nesquehoning Strip	S Carbon	39,419	37,445	7,131	-	83,995	203,870	6,350	299	32	-	-
Schickram No. 8 Bank	bk Schuylkill	9,377	8,908	1,696	-	19,981	-	-	241	9	-	-
Schickram No. 9	Carbon	-	-	-	-	-	-	-	242	2	-	-
<b>Total</b>		<b>387,646</b>	<b>368,235</b>	<b>70,128</b>	<b>-</b>	<b>826,009 b</b>	<b>2,780,040</b>	<b>836,488</b>	<b>-</b>	<b>297</b>	<b>-</b>	<b>29</b>
Grigas Coal Co. Patterson Tunnel	DM Schuylkill	1,548	2,158	938	47	4,691 o	4,000	-	141	7	-	-
Harbon Coal & Contracting Co. Rahn Strip	S Schuylkill	21,821	20,728	3,946	-	46,495 b	111,100	11,250	289	19	-	-
Hazleton Cinder Supply & Coal Nesquehoning Bank	bk Carbon	1,949	2,655	469	5	5,078 p	-	-	56	5	-	-
Hillside Coal Co. Hillside Breaker	BP Schuylkill	-	-	-	-	-	-	-	237	15	-	-
K.M.&F. Coal Service K.M.&F. Breaker	BP Schuylkill	-	-	-	-	-	-	-	150	6	-	-
Kristoff Coal Co. Four Foot Slope	DM Schuylkill	1,861	2,595	1,128	57	5,641 q	5,150	60	227	7	-	-
Krell Coal Co., Philip Krell Strip	S Schuylkill	1,352	1,741	1,504	34	4,631 r	-	2,500	242	3	-	-
Lanscoal Coal Co., Inc. No. 9	DM Carbon	12,617	11,985	2,282	-	26,884 b	15,250	2,550	242	18	-	-
Laurel Hill Coal Co. Weis Tunnel	DM Schuylkill	3,356	1,573	5,454	107	10,490 d	5,300	550	266	9	-	-
Lone Star Coal Co. Bottom Split Slope	DM Schuylkill	1,600	750	2,600	50	5,000 d s	1,800	-	274	8	-	-
Mar Strip & Excavating Co. No. 5 Bank	bk Carbon	14,718	13,981	2,662	-	31,361 b t	-	-	272	7	-	-
Mountain Side Coal Co. Mountain Side Breaker	BP Schuylkill	-	-	-	-	-	-	-	300	3	-	-

		District 18 Production - net tons					Pounds					
Operators and Collieries	County	Shipped to market		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	to colliery for steam and heat							
P. & P. Coal Co. South Tamaqua Bank	bk Schuylkill	-	-	-	-	-	-	-	1	2	-	-
R. & R. Coal Co. R. & R. Washery R. & R. Bank	W Carbon bk Carbon	-	-	-	-	-	-	-	155	1	-	-
	<b>Total</b>	<b>615</b>	<b>3,028</b>	<b>89</b>	<b>-</b>	<b>3,732</b>	<b>-</b>	<b>-</b>	<b>155</b>	<b>2</b>	<b>-</b>	<b>-</b>
Reiseg & Chappell Coal Co. Primrose Slope	DM Schuylkill	-	1,644	2,401	-	4,045 w	2,800	-	166	9	-	-
Schock, Norman C., Contractor Mary-D Strip	S Schuylkill	4,900	4,300	600	200	10,000 x	3,200	150	228	6	-	-
North Tuscarora Strip	S Schuylkill	430	1,828	3,699	10	5,967	-	-	228	6	-	-
South Tuscarora Strip	S Schuylkill	2,023	431	1,528	38	4,020 y	6,000	250	136	6	-	-
	<b>Total</b>	<b>7,353</b>	<b>6,559</b>	<b>5,827</b>	<b>248</b>	<b>19,987 z</b>	<b>9,200</b>	<b>400</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>-</b>
Seaboard Industries, Inc. Nesquehoning Bank	bk Carbon	4,917	3,077	3,378	152	11,524 aa	-	-	116	6	-	-
Silver Creek Coal Co., Inc. Silver Creek Breaker	BP Schuylkill	-	-	-	-	-	-	-	128	9	-	-
Smith Coal Co. Buck Slope	DM Schuylkill	2,052	4,642	2,245	63	9,002 bb	6,000	-	286	6	-	-
South Tamaqua Coal Pockets South Tamaqua Breaker	BP Schuylkill	-	-	-	-	-	-	-	267	6	-	-
Spring Creek Coal Co. Spring Creek Breaker	BP Schuylkill	-	-	-	-	-	-	-	215	3	-	-
Stiendel Equipment Co. Drinker Bank	bk Schuylkill	213	45	233	6	497 cc	-	-	23	3	-	-
Whippoorwill Coal Co. Top Split Slope	DM Schuylkill	1,943	1,066	3,214	61	6,284 dd	2,550	-	244	5	-	-
Yob Coal Co. Holmes Slope	DM Schuylkill	360	2,310	300	30	3,000 ee	500	700	275	6	-	-
Zakrewsky Coal Co. Leader Slope	DM Schuylkill	363	10,577	5,884	11	16,835 ff	5,000	-	283	15	-	-
	<b>District Total</b>	<b>510,078</b>	<b>500,321</b>	<b>132,778</b>	<b>1,197</b>	<b>1,144,374</b>	<b>2,958,020</b>	<b>856,998</b>	<b>236</b>	<b>663</b>	<b>-</b>	<b>40</b>

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

NOTE: (a) 2,562 tons prepared at Hillside Breaker  
 1,970 tons prepared at Mazaika Breaker - District 26  
 788 tons prepared at Mountain Side Breaker  
 (b) All coal prepared at Greenwood Breaker  
 (c) All coal prepared at Mary-D Washery. Began operations in August and ceased operations in November 1963.

		District 18 Production - net tons					Pounds					
Operators and Collieries	County	Shipped to market		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	to colliery for steam and heat							
NOTE: (d) All coal prepared at K.M.&F. Breaker					(r) 2,408 tons prepared at Hillside Breaker							
(e) All coal prepared at Bliss Washery					(s) 1,295 tons prepared at Silver Creek Breaker							
(f) 2,582 tons prepared at Silver Creek Breaker					(t) 928 tons prepared at Brockton Breaker							
2,542 tons prepared at Hillside Breaker					(u) Operated as a small mine prior to July 1963.							
2,154 tons prepared at Black Heath Breaker - District 21					(v) Began operations in May 1963							
1,508 tons prepared at K. & P. Breaker - District 21					(w) No production - began operations on November 14, 1963 and ceased operations the same day.							
495 tons prepared at DiRenzo Breaker - District 21					(x) All coal prepared at R. & R. Washery.							
462 tons prepared at Maple Spring Breaker - District 21					(y) Began operations in April and ceased operations in November 1963.							
346 tons prepared at K.M.&F. Breaker					(z) 2,727 tons prepared at Mazaika Breaker - District 26							
(g) 1,952 tons prepared at Silver Creek Breaker					(aa) 1,318 tons prepared at Mountain Side Breaker							
486 tons prepared at Swatara Breaker - District 25					(ab) Operated as a small mine prior to June 1963.							
128 tons prepared at Hillside Breaker					(ac) Ceased operations in August 1963.							
Ceased operations in May 1963.					(ad) Began operations in June and ceased operations in December 1963.							
(h) All coal prepared at Hillside Breaker					(ae) 13,520 tons prepared at Silver Creek Breaker							
(i) Ceased operations in June 1963					(af) 5,967 tons prepared at Indian Head Breaker - District 25							
(j) 10,512 tons prepared at Hillside Breaker					(ag) 500 tons prepared at Branch Breaker - District 21							
10,388 tons prepared at South Tamaqua Breaker					(ah) 2,967 tons prepared at Beaver Brook Breaker - District 15							
5,503 tons prepared at Mountain Side Breaker					(ai) 5,332 tons prepared at Silver Creek Breaker							
(k) All coal prepared at G. & S. Washery.					(aj) 2,953 tons prepared at Honey Brook Breaker - District 15							
Began operations in June and ceased in November 1963.					(ak) 272 tons prepared at Pine Ridge Breaker - District 27							
(l) Ceased operations in January 1963.					(al) 6,218 tons prepared at Hillside Breaker							
(m) Ceased operations in April 1963.					(am) 2,784 tons prepared at South Tamaqua Breaker							
(n) Used in transporting coal from No. 9 Mine hopper to Greenwood Breaker.					(an) Operated as a small mine prior to February 1963.							
(o) All coal prepared at Hillside Breaker. Operated as a small mine prior to July 1963.					(ao) All coal prepared at Silver Creek Breaker							
(p) 4,677 tons prepared at Beaver Brook Breaker - District 15					(ap) Began operations in November 1963.							
401 tons prepared at Silver Creek Breaker					(aq) 6,072 tons prepared at K.M.&F. Breaker							
Ceased operations in May 1963.					(ar) 212 tons prepared at Mountain Side Breaker							
(q) All coal prepared at Hillside Breaker					(as) All coal prepared at B. & N. Breaker - District 19							
					(at) 15,735 tons prepared at South Tamaqua Breaker							
					(au) 1,100 tons prepared at Hillside Breaker							
					* Men transferred.							

		District 19					Pounds					
Operators and Collieries	County	Shipped to market		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	to colliery for steam and heat							
B. & N. Coal Co. B. & N. Breaker	BP Schuylkill	-	-	-	-	-	-	-	216	5	-	-
Bernitsky Coal Co. No. 1 Slope	DM Schuylkill	3,399	8,423	2,808	148	14,778 a	5,200	-	271	8	-	2

		District 19 Production - net tons				Pounds				Fatal fatal	
		Shipped to market	Sold to local	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	acci- dents
Operators and Collieries	County	By railroad	By truck	to trade							
Black Heath Coal & Construction Co., Inc.											
Black Heath Breaker	BP Schuylkill	-	-	-	-	-	-	170	10	-	1
Canfield Construction Co.											
Canfield Strip	S Schuylkill	2,342	490	2,560	55	5,447 b c	400	116	5	-	-
Clarkson Coal Co.											
Clarkson Slope	DM Schuylkill	571	796	346	17	1,730 d e	300	41	6	-	-
Dale Contracting Corp.											
Kaska Breaker	BP Schuylkill	-	-	-	-	-	-	127	13	-	2
Silver Creek Bank	bk Schuylkill	49,836	5,102	436	-	55,374	-	127	14	-	-
<b>Total</b>		<b>49,836</b>	<b>5,102</b>	<b>436</b>	<b>-</b>	<b>55,374 f</b>	<b>-</b>	<b>27</b>	<b>-</b>	<b>-</b>	<b>2</b>
G. & L. Coal Co.											
Port Carbon Bank	bk Schuylkill	443	88	354	-	885 g h	-	40	3	-	-
J. D. S. Coal Co.											
Silver Creek Tunnel	DM Schuylkill	1,150	241	1,258	27	2,676 b i	2,500	50	216	6	-
Klimas Coal Co.											
No. 7 Slope	DM Schuylkill	3,031	634	3,313	70	7,048 b	4,000	3,000	292	10	-
Krell Coal Co., Philip											
Schock Strip	S Schuylkill	15	37	12	1	65 a j	-	29	2	-	-
Manbeck Dredging Co.											
Lowland Washery	W Schuylkill	-	-	-	-	-	-	206	6	-	1
Lowland Bank	bk Schuylkill	46,812	15,912	521	-	63,245	-	206	6	-	-
<b>Total</b>		<b>46,812</b>	<b>15,912</b>	<b>521</b>	<b>-</b>	<b>63,245 k</b>	<b>-</b>	<b>12</b>	<b>-</b>	<b>-</b>	<b>1</b>
Paul's Coal Co.											
Schuylkill Bank	bk Schuylkill	883	177	706	-	1,766 g l	-	20	5	-	-
Reading Anthracite Co.											
St. Clair P-44 Strip	S Schuylkill	97,581	12,679	37,313	-	147,573	4,634,858	283	36	-	3
St. Clair P-48 Strip	S Schuylkill	549	71	210	-	830	1,150,758	121	32	-	2
St. Clair P-33 Strip	S Schuylkill	-	-	-	-	-	-	254	1	-	-
Pine Forest Cleaner Plant	Schuylkill	-	-	-	-	-	-	171	11	-	3
Wadesville Cleaner Plant	Schuylkill	-	-	-	-	-	-	32	4	-	2
<b>Total</b>		<b>98,130</b>	<b>12,750</b>	<b>37,523</b>	<b>-</b>	<b>148,403 n</b>	<b>5,785,616</b>	<b>84</b>	<b>-</b>	<b>-</b>	<b>10</b>
Ridge Stripping Co., Inc.											
Ridge Strip	S Schuylkill	1,929	10,286	3,697	161	16,073 o p	-	250	133	7	-
RIKI Corp.											
Eagle Hill Bank	bk Schuylkill	16,380	1,638	182	-	18,200 f q	-	18	14	-	-
Salem Creek Coal Corp.											
Salem Creek Breaker	BP Schuylkill	-	-	-	-	-	-	252	6	-	1

		District 19 Production - net tons				Pounds				Fatal fatal	
		Shipped to market	Sold to local	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	acci- dents
Operators and Collieries	County	By railroad	By truck	to trade							
Scutta Coal Co., Inc.											
Scutta Breaker	BP Schuylkill	-	-	-	-	-	-	194	10	-	2
Silver Creek Bank	bk Schuylkill	21,290	12,847	2,570	-	36,707 r	-	194	10	-	-
<b>Total</b>		<b>21,290</b>	<b>12,847</b>	<b>2,570</b>	<b>-</b>	<b>36,707 s</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>-</b>	<b>2</b>
Talbot Realty Co., Inc.											
Peach Mountain Strip	S Schuylkill	4,917	3,052	8,985	-	16,954 t u	-	179	6	-	-
Walton, John											
Walton Breaker	BP Schuylkill	-	-	-	-	-	-	165	2	-	-
<b>District Total</b>		<b>251,128</b>	<b>72,473</b>	<b>65,271</b>	<b>479</b>	<b>389,351</b>	<b>5,797,616</b>	<b>3,700</b>	<b>170</b>	<b>238</b>	<b>-</b>

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

NOTE: (a) All coal prepared at K. & P. Breaker - District 21      (l) Began and ceased operations in November 1963.  
 (b) All coal prepared at Silver Creek Breaker - District 18      (m) Ceased operations in March 1963.  
 (c) Ceased operations during July 1963.      (n) All coal prepared at St. Nicholas Breaker - District 26  
 (d) All coal prepared at Hillside Breaker - District 18      (o) All coal prepared at Minersville Breaker - District 21  
 (e) Ceased operations during March 1963.      (p) Began operations in July 1963.  
 (f) All coal prepared at Kaska Breaker      (q) Ceased operations in January 1963.  
 (g) All coal prepared at Seltzer Breaker - District 26      (r) Ceased operations in November 1963.  
 (h) Began operations during October 1963.      (s) All coal prepared at Scutta Breaker  
 (i) Operated as Dalvet Tunnel Mine until October 1963.      (t) All coal prepared at Millersville Breaker - District 27  
 (j) Began operations in July and ceased operations in August 1963.      (u) Ceased operations in September 1963.  
 (k) All coal prepared at Lowland Washery. Operated as Lowland Coal Co. until October 1963.

		District 20				Pounds				Fatal fatal	
		Shipped to market	Sold to local	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	acci- dents
Operators and Collieries	County	By railroad	By truck	to trade							
D. & D. Coal Co.											
D. & D. Breaker	BP Northumberland	-	-	-	-	-	-	130	2	-	-
D. & N. Coal Co.											
No. 78 Slope	DM Northumberland	4,176	-	528	96	4,800 a	6,750	260	5	-	-
Diamond Coal Co., Inc.											
Diamond Breaker	BP Northumberland	-	-	-	-	-	-	99	24	-	4
Ennis Coal Co.											
Locust Run Slope	DM Columbia	6,292	6,006	2,002	-	14,300 b	14,000	294	6	-	-
Hank's Coal Co.											
No. 2 Slope, No.2 Lykens Vn.	DM Northumberland	102	14,908	623	-	15,633 c	2,600	255	6	-	-
Howells, T.S. & Olaf S. Stripping Co.											
Natalie Strip	S Northumberland	4,688	-	593	108	5,389 a	-	275	2	-	-

		District 20 Production - net tons											
Operators and Collieries	County	Shipped to market		Sold to local	Used at colliery	Total production	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal acci-dents	
		By railroad	By truck	to trade	for steam and heat								
Jeddo-Highland Coal Co. (Raven Run Coal Co., Subsidiary)	S Columbia	9,731	3,195	1,871	147	14,944 e	-	14,850	104	36	-	-	
Merriam Strip	S Columbia												
K. & H. Coal Co. Skidmore S. D.No. 1 Slope	DM Northumberland	5,940	5,670	1,890	-	13,500 b	7,500	-	300	5	1	1	
M. & W. Coal Co. Merriam Slope	DM Columbia	1,274	1,216	406	-	2,896 b	2,940	-	185	10	-	-	
Morack Coal Co. No. 120 Slope	DM Columbia	-	2,080	520	-	2,600 f	2,600	-	200	5	-	-	
P. & M. Coal Co. Greenough & Richards Strips	S Northumberland	2,601	3,502	3,524	16	9,643 g	-	250	177	7	-	-	
Pizzoli Coal Co. No. 4 Vein Slope	DM Northumberland	-	985	442	-	1,427 h	1,340	-	156	5	-	-	
R. B. F. Co. Sagon Banks	bk Northumberland	2,600	-	-	-	2,600 d	-	-	90	4	-	-	
Racho, George Sagon Banks	bk Northumberland	84,359	-	-	-	84,359 i	-	-	70	6	-	-	
Reidinger Coal Sales Greenough Bank	bk Northumberland	-	-	2,602	26	2,628 j	-	-	71	1	-	-	
Rick Coal Co. Pennsylvania Bank	bk Northumberland	1,546	1,476	492	-	3,514 b	-	-	79	2	-	-	
Sagon Coal Co. No. 8 Vein Slope	DM Northumberland	1,235	1,178	393	-	2,806 b	2,600	-	250	5	-	-	
Savitski Bros. Coal Sales Savitski Breaker	BP Northumberland	-	-	-	-	-	-	-	309	6	-	-	
Shuey & Morgan Coal Co. No. 93 Slope	DM Northumberland	2,195	2,095	700	-	4,990 b	2,600	-	204	5	-	-	
Susquehanna Coal Co. Merriam Strip	S Columbia	16,386	7,148	3,507	205	27,246	-	34,060	200	25	-	-	
Sayre Strip	S Northumberland	9,336	8,704	3,060	-	21,100	-	375,542	200	23	-	2	
<b>Total</b>		<b>25,719</b>	<b>15,852</b>	<b>6,567</b>	<b>205</b>	<b>48,346 k</b>	<b>-</b>	<b>409,602</b>	<b>48</b>	<b>-</b>	<b>2</b>	<b>2</b>	
<b>District Total</b>		<b>152,461</b>	<b>58,163</b>	<b>23,153</b>	<b>598</b>	<b>234,375</b>	<b>42,930</b>	<b>424,702</b>	<b>170</b>	<b>190</b>	<b>1</b>	<b>7</b>	

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

NOTE: (a) All coal prepared at Diamond Breaker  
 (b) All coal prepared at Glen Burn Breaker - District 24  
 (c) 725 tons prepared at Glosek Breaker - District 24  
 9,700 tons shipped to P. P. & L. Co.  
 5,208 tons shipped to Allentown Portland Cement Co.  
 (d) All coal shipped to P.P. & L. Co. Ceased operations during April 1963.  
 (e) Miles Coal Co. produced 14,908 tons of this production - worked 212 days - 5 employees. Operation acquired by Hank's Coal Co. in November 1963.

		District 20 Production - net tons											
Operators and Collieries	County	Shipped to market		Sold to local	Used at colliery	Total production	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal acci-dents	
		By railroad	By truck	to trade	for steam and heat								
NOTE: (a) 7,606 tons prepared at Glen Burn Breaker - District 24 7,338 tons prepared at Diamond Breaker Ceased operations May 31, 1963													
(f) All coal prepared at Swift Breaker - District 24													
(g) 1,258 tons prepared at D. & Z. Breaker - District 24 4,015 tons prepared at Glen Burn Breaker - District 24 383 tons prepared at North Line Breaker - District 24 1,554 tons prepared at Reidinger Breaker - District 24 1,168 tons prepared at Split Vein Breaker - District 24 1,265 tons prepared at Savitski Breaker													
(h) All coal prepared at Savitski Breaker. Ceased operations in July 1963.													
(i) All coal shipped to P. P. & L. Co.													
(j) All coal prepared at Reidinger Breaker - District 24													
(k) 38,118 tons prepared at Glen Burn Breaker - District 24 10,228 tons prepared at Diamond Breaker Wallons Corp. - Merriam Strip, Columbia County, produced 22,851 tons of this coal - worked 161 days with 36 employees. Wallons Corp. - Sayre Strip, Northumberland County, produced 18,882 tons of this coal - worked 160 days with 23 employees. Susquehanna Coal Co. acquired the Wallons Corp. in November 1963.													

		District 21											
Operators and Collieries	County	Shipped to market		Sold to local	Used at colliery	Total production	Pounds permisible explosives used	Pounds dynamite used	Days worked	Empl-oyes	Fatal acci-dents	Non-fatal acci-dents	
		By railroad	By truck	to trade	for steam and heat								
Allen Mining Co. Skidmore Slope	DM Schuylkill	2,805	18,947	6,311	168	28,231 a	13,525	-	229	13	-	4	
Blue Bell Enterprises Blue Bell Strip	S Schuylkill	693	281	175	15	1,164 b c	-	-	68	3	-	-	
Bosack Coal Co. Bosack Slope	DM Schuylkill	2,673	2,192	427	55	5,347 d	2,540	-	256	8	-	2	
Bosack Coal Co. No. 2 Drift	DM Schuylkill	9,182	7,529	1,469	184	18,364 d	8,500	-	256	10	-	1	
Branch Coal Corporation Branch Breaker	BP Schuylkill	-	-	-	-	-	-	-	213	13	-	1	
Branch Bank	bk Schuylkill	291	3	3	3	300	-	-	12	2	-	-	
<b>Total</b>		<b>291</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>300</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>1</b>	<b>1</b>	
Cass Contracting Co. Marlin Breaker	BP Schuylkill	-	-	-	-	-	-	-	131	12	-	-	
Coxe Coal Co. Woods Drift	DM Schuylkill	902	5,774	2,694	26	9,396 f	-	16,450	208	9	-	-	
D. & M. Coal Co. Tracy Slope	DM Schuylkill	3,971	14,181	3,289	219	21,660 g	25,000	-	285	14	-	2	
Dando Coal Co. No. 12 Rock Slope	DM Schuylkill	4,845	15,438	4,528	251	25,062 h	26,000	600	255	21	-	1	
Dando & Troup Coal Co. Dando & Troup Strip	S Schuylkill	836	4,461	1,603	71	6,971 i	3,200	-	283	2	-	-	
DiRenzo Coal Co. DiRenzo Breaker	BP Schuylkill	-	-	-	-	-	-	-	232	11	-	2	

Operators and Collieries	County	District 21 Production - net tons				Total production:	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Sold	Used at							
		By railroad	By truck	to local trade	colliery for steam and heat							
F. & W. Cinder Contracts F. & W. Strip	S Schuylkill	1,959	1,490	356	40	3,845 j	-	-	48	8	-	-
Glenn Worth Coal Co. Glenn Worth Breaker	BP Schuylkill	-	-	-	-	-	-	-	255	3	-	-
H. & P. Coal Co. No. 1 Buck Mountain Slope	DM Schuylkill	4,135	3,360	1,965	109	9,569 k	3,150	-	270	7	-	-
Hauptly, J. & Hoke C. Buck Mountain Strip	S Schuylkill	10,795	8,544	1,049	85	20,473	16,000	600	200	10	-	-
Primrose Strip	S Schuylkill	7,341	10,134	2,958	342	20,775 l	-	3,000	210	16	-	-
Tunnel Strip	S Schuylkill	2,123	2,853	1,659	-	6,635 l	-	-	-	10	-	-
<b>Total</b>		<b>20,259</b>	<b>21,531</b>	<b>5,666</b>	<b>427</b>	<b>47,883 m</b>	<b>16,000</b>	<b>3,600</b>	<b>36</b>	<b>-</b>	<b>-</b>	<b>-</b>
Hegins Mining Co. Sharp Mountain Slope	DM Schuylkill	5,483	11,957	2,018	152	19,610 n	15,000	-	298	13	-	1
Hoffman, Howard Silverton Strip	S Schuylkill	7,947	6,298	599	152	14,996 o	-	4,000	161	13	-	2
Tracy Strip	S Schuylkill	1,037	1,682	614	28	3,361 p	-	-	127	4	-	-
<b>Total</b>		<b>8,984</b>	<b>7,980</b>	<b>1,213</b>	<b>180</b>	<b>18,357 q</b>	<b>-</b>	<b>4,000</b>	<b>17</b>	<b>-</b>	<b>-</b>	<b>2</b>
K. & P. Coal Co. K. & P. Breaker	BP Schuylkill	-	-	-	-	-	-	-	277	13	-	-
Koris Company, Inc. Silverton Strip	S Schuylkill	20,682	16,390	1,560	392	39,024 r	-	16,400	51	17	-	-
Kowalchick, Michael Kowalchick Breaker	BP Schuylkill	-	-	-	-	-	-	-	232	1	-	-
Live Oak Coal Co. Live Oak Breaker	BP Schuylkill	-	-	-	-	-	-	-	262	8	-	-
M. & N. Coal Co. Middle Split Slope	DM Schuylkill	575	8,383	4,812	72	13,842 s	7,150	-	293	13	-	4
M. & S. Coal Co. M. & S. Strip	S Schuylkill	76	102	60	-	238 t	-	-	22	5	-	-
Manbeck Dredging Co. Forestville Washery	W Schuylkill	-	-	-	-	-	-	-	268	6	-	-
Lytle Bank	bk Schuylkill	4,376	74,438	-	-	78,814	-	-	268	6	-	-
<b>Total</b>		<b>4,376</b>	<b>74,438</b>	<b>-</b>	<b>-</b>	<b>78,814 u</b>	<b>-</b>	<b>-</b>	<b>12</b>	<b>-</b>	<b>-</b>	<b>-</b>
Maple Spring Coal Co. Maple Spring Breaker	BP Schuylkill	-	-	-	-	-	-	-	282	19	-	1
Marko Land Co. Phoenix Park Strip	S Schuylkill	1,798	1,116	3,286	-	6,200 v w	-	10,000	122	4	-	-
Minersville Coal Co., Inc. Minersville Breaker	BP Schuylkill	-	-	-	-	-	-	-	305	10	-	-

Operators and Collieries	County	District 21 Production - net tons				Total production:	Pounds permissible explosives used	Pounds dynamite used	Days worked	Empl- oves	Fatal acci- dents	Non- fatal acci- dents
		Shipped to market		Sold	Used at							
		By railroad	By truck	to local trade	colliery for steam and heat							
Montrose Coal Co. Holmes Slope	DM Schuylkill	2,050	6,356	1,742	104	10,252 x	2,800	-	264	6	-	1
Old Mill Coal Yard Old Mill Breaker	BP Schuylkill	-	-	-	-	-	-	-	279	5	-	-
Olenick Brothers Coal Co. Olenick Breaker	BP Schuylkill	-	-	-	-	-	-	-	198	5	-	-
Otto & Son Coal Co. No. 2 Buck Mountain Slope	DM Schuylkill	3,962	5,324	3,097	-	12,383 t	14,000	-	280	10	-	1
Reading Anthracite Co. Beechwood P-46 Strip	S Schuylkill	115,658	15,028	44,226	-	174,912	995,227	-	241	45	-	6
Oak Hill P-47 Strip	S Schuylkill	40,806	5,302	15,603	-	61,711	115,971	-	218	12	-	4
Mount Laffee P-49 Strip	S Schuylkill	-	-	-	-	-	-	-	20	17	-	-
<b>Total</b>		<b>156,464</b>	<b>20,330</b>	<b>59,829</b>	<b>-</b>	<b>236,623 v</b>	<b>1,111,198</b>	<b>-</b>	<b>74</b>	<b>-</b>	<b>-</b>	<b>10</b>
Rekla Coal Co. Bottom Split Slope	DM Schuylkill	1,653	2,221	1,292	-	5,166 t	1,400	500	242	5	-	-
Scheib Coal Co. Scheib Slope	DM Schuylkill	3,869	3,172	619	78	7,738 d	5,500	-	265	5	-	-
Schuylkill Contracting Co. White Ash Strip	S Schuylkill	35,277	33,673	11,225	-	80,175 z	-	628,365	149	31	-	2
South River Coal Co., Inc. South River Strip	S Schuylkill	658	958	570	14	2,200 aa	-	-	20	10	-	-
Tropp, L. & J. Beach Mountain Strip	S Schuylkill	7,914	13,232	13,190	209	34,545 bb	-	13,000	263	8	-	-
Wecko Coal Co. Tracy Slope	DM Schuylkill	167	306	94	8	575 cc	200	-	33	9	-	-
West West Coal Co., Inc. No. 2 Slope	DM Schuylkill	1,080	5,763	2,071	91	9,005 i	5,000	200	300	6	-	-
Westwood Coal Co. Westwood Slope	DM Schuylkill	1,613	8,603	3,091	136	13,443 i	3,125	-	243	12	-	-
Wyda Brothers Silverton Bank	bk Schuylkill	679	357	212	9	1,257 dd	-	-	95	2	-	-
<b>District Total</b>		<b>309,911</b>	<b>315,848</b>	<b>138,467</b>	<b>3,013</b>	<b>767,239</b>	<b>1,263,288</b>	<b>693,115</b>	<b>206</b>	<b>492</b>	<b>-</b>	<b>35</b>

DM - Deep Mined

S - Stripping

bk - Bank

B - Breaker

BP - Breaker Preparation Only.

W - Washery

NOTE: (a) 7,471 tons prepared at K. & P. Breaker  
11,694 tons prepared at DiRenzo Breaker  
9,066 tons prepared at Minersville Breaker

(b) 466 tons prepared at Maple Spring Breaker  
326 tons prepared at Branch Breaker  
54 tons prepared at DiRenzo Breaker  
7 tons prepared at Olenick Breaker

**District 21**

Operators and Collieries	County	Production - net tons				Pounds			Fatal fatal acci-dents	Non-fatal acci-dents
		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	Days worked		
<b>NOTE:</b>										
(b)		249 tons prepared at Schneck's Breaker - District 25				(o)	Ceased operations in October 1963.			
		8 tons prepared at Franklin Hydrotated Breaker - District 25				(p)	Ceased operations in November 1963.			
		54 tons prepared at Legal Breaker - District 16				(q)	2,074 tons prepared at Maple Spring Breaker			
(c)		727 tons prepared at DiRenzo Breaker					560 tons prepared at Olenick Breaker			
(d)		All coal prepared at Maple Spring Breaker					14,996 tons prepared at Kocher Breaker - District 30			
(e)		All coal prepared at Branch Breaker				(r)	All coal prepared at Kocher Breaker - District 30			
(f)		6,957 tons prepared at DiRenzo Breaker				(s)	6,805 tons prepared at DiRenzo Breaker			
(g)		2,439 tons prepared at Black Heath Breaker - District 19					5,813 tons prepared at Olenick Breaker			
(h)		12,480 tons prepared at K. & P. Breaker					1,224 tons prepared at Swatara Breaker - District 25			
(i)		9,180 tons prepared at B. & N. Breaker - District 19				(t)	All coal prepared at Old Mill Breaker			
(j)		24,226 tons prepared at Live Oak Breaker				(u)	All coal prepared at Forestville Washery			
(k)		836 tons prepared at Olenick Breaker				(v)	All coal prepared at Millersville Breaker - District 27			
(l)		All coal prepared at Minersville Breaker				(w)	Ceased operations in September 1963.			
(m)		1,800 tons prepared at Maple Spring Breaker				(x)	All coal prepared at Live Oak Breaker			
(n)		1,200 tons prepared at Live Oak Breaker				(y)	All coal prepared at St. Nicholas Breaker - District 26			
(o)		845 tons prepared at Branch Breaker				(z)	All coal prepared at Marlin Breaker			
(p)		5,474 tons prepared at Maple Spring Breaker				(aa)	800 tons prepared at DiRenzo Breaker			
(q)		833 tons prepared at K. & P. Breaker				(bb)	1,400 tons prepared at Swatara Breaker - District 25			
(r)		3,262 tons prepared at Black Heath Breaker - District 19					5,400 tons prepared at Live Oak Breaker			
(s)		9,500 tons prepared at Maple Spring Breaker					4,200 tons prepared at Maple Spring Breaker			
(t)		7,673 tons prepared at DiRenzo Breaker					3,000 tons prepared at DiRenzo Breaker			
(u)		6,635 tons prepared at Old Mill Breaker					11,300 tons prepared at Black Heath Breaker - District 19			
(v)		1,500 tons prepared at Branch Breaker					2,635 tons prepared at D. & Z. Breaker - District 24			
(w)		6,000 tons prepared at Donaldson Breaker - District 25				(cc)	8,010 tons prepared at Schneck's Breaker - District 25			
(x)		4,000 tons prepared at Schneck's Breaker - District 25					445 tons prepared at K. & P. Breaker			
(y)		9,075 tons prepared at Indian Head Breaker - District 25					130 tons prepared at Maple Spring Breaker			
(z)		3,500 tons prepared at Swatara Breaker - District 25				(dd)	223 tons prepared at Live Oak Breaker			
(aa)		7,540 tons prepared at Maple Spring Breaker					373 tons prepared at Silver Creek Breaker - District 18			
(ab)		7,450 tons prepared at K. & P. Breaker					661 tons prepared at Donaldson Breaker - District 25			
(ac)		4,620 tons prepared at Hillside Breaker - District 25								

**District 22**

Operators and Collieries	County	Production - net tons	Pounds	Fatal fatal acci-dents	Non-fatal acci-dents
Buck Coal Co.		8,951	8,951 a	251	5
Aristes Strip	S Columbia	-	-	-	-
C. & F. Contracting Co., Inc.		8,258	8,258 b c	52	6
Midvalley Bank	bk Columbia	-	-	-	-
Gilberton Coal Co.		1,121	1,725 d	37,229	19
Bast Strip	S Schuylkill	526	-	78	8

**District 22**

Operators and Collieries	County	Production - net tons				Pounds			Fatal fatal acci-dents	Non-fatal acci-dents
		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	Days worked		
<b>Jeddo-Highland Coal Co.</b>										
Midvalley Colliery	B Columbia	-	-	-	-	-	-	227	22	-
No. M-53 Strip	S Columbia	9,343	15,008	4,921	292	29,564 e	-	49,810	107	11
Midvalley Bank	bk Columbia	156,274	7,440	820	78	164,612 f g	-	-	227	17
(Brook Contracting Co.,Cont.)		-	-	-	-	-	-	-	-	-
Total		165,617	22,448	5,741	370	194,176	-	49,810	50	-
<b>K. &amp; H. Excavating Coal Co.</b>										
Morris Ridge Strip	S Columbia	-	27,171	-	-	27,171 h	-	200	142	16
<b>K. H. &amp; P. Coal Co.</b>										
Midvalley Strip	S Columbia	-	410	-	-	410 i j	-	25	21	5
<b>K. &amp; K. Coal Co.</b>										
Morris Ridge Strip	S Columbia	-	23,660	-	-	23,660 k	-	2,000	282	7
<b>Kerrigan, Paul</b>										
Midvalley Strip	S Columbia	-	122	-	-	122 l	-	-	4	5
<b>Lehigh Valley Anthracite, Inc.</b>										
Mammoth Colliery	B Schuylkill	-	-	-	-	-	-	-	269	70
Mammoth Strip	S Schuylkill	215,317	98,781	27,350	840	342,288	-	2,296,270	269	204
Total		215,317	98,781	27,350	840	342,288 m	-	2,296,270	274	-
<b>Lone Star Coal Co.</b>										
Mammoth Slope	DM Columbia	-	10,307	-	-	10,307 n	7,000	130	218	13
<b>M. &amp; M. Coal Co.</b>										
Centralia Bank	bk Columbia	-	2,900	-	-	2,900 o	-	-	135	5
<b>P. &amp; M. Coal Co.</b>										
Centralia Bank	bk Columbia	-	2,926	-	-	2,926 p	-	-	70	5
<b>Sanchez Construction Co.</b>										
Centralia Strip	S Columbia	-	57,455	-	-	57,455 q r	-	92,000	175	27
Morris Ridge Strip	S Columbia	-	-	-	-	-	-	-	-	-
<b>Skidmore Coal, Inc.</b>										
Mammoth Slope	DM Columbia	-	2,469	-	-	2,469 s	500	1,000	210	7
District Total		382,055	266,384	33,169	1,210	682,818	7,500	2,478,664	231	433
DM - Deep Mined	S - Stripping	bk - Bank	B - Breaker	BP - Breaker Preparation Only.	W - Washery					

**NOTE:**

(a) 5,201 tons prepared at Diamond Breaker - District 20  
 3,500 tons prepared at D. & Z. Breaker - District 24  
 250 tons prepared at Savitski Breaker - District 20

(b) Midvalley Bank abandoned May 29, 1963 by C. & F. Contracting Co.

(c) 1,289 tons prepared at Split Vein Breaker - District 24  
 1,354 tons prepared at Diamond Breaker - District 20  
 5,615 tons shipped to P.P.&L.

(d) All coal prepared at Gilberton Breaker - District 27  
 (e) All coal prepared at Jeddo No. 7 Breaker - District 15  
 (f) All coal prepared at Jeddo-Highland Midvalley Fine Coal Plant  
 (g) No. M-53 strip abandoned May 29, 1963 by Jeddo-Highland Coal Co.  
 (h) 24,462 tons prepared at Glen Burn Breaker - District 24  
 2,709 tons prepared at Diamond Breaker - District 20

		District 22 Production - net tons					Pounds				Fatal fatal		
Operators and Collieries		County		Shipped to market	Sold to colliery	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	acci- dents
		By railroad	By truck	to local trade	to colliery	for steam and heat	production	used	dynamite used	worked	Empl- oves	acci- dents	acci- dents
NOTE:	(j) K. H. & P. Coal Co. abandoned Midvalley Strip on March 31, 1963.				(p)		268 tons prepared at Blaschak Breaker - District 26						
	(j) All coal prepared at Savitski Breaker - District 20						2,657 tons prepared at Diamond Breaker - District 20						
	(k) 11,784 tons prepared at Steam Coals Breaker - District 24				(q)		Centralia Strip of Sanchez Construction Co. abandoned May 29, 1963.						
	2,057 tons prepared at D. & Z. Breaker - District 24				(r)		5,034 tons prepared at Legal Breaker - District 16.						
	1,348 tons prepared at Split Vein Breaker - District 24						22,938 tons prepared at Blaschak Breaker - District 26						
	24 tons prepared at Bar Mac Coal Co. - District 24						18,258 tons prepared at Diamond Breaker - District 20						
	3,378 tons prepared at Savitski Breaker - District 20						3,838 tons prepared at Glen Burn Breaker - District 24						
	2,985 tons prepared at Diamond Breaker - District 20						6,070 tons prepared at Savitski Breaker - District 20						
	2,084 tons prepared at Thomas Breaker - District 29						432 tons prepared at Diminick Breaker - District 24						
	(l) All coal prepared at Pine Ridge Breaker - District 27						885 tons prepared at D. & Z. Breaker - District 24						
	(m) All coal prepared at Mammoth Breaker - District 22				(s)		2,101 tons prepared at Savitski Breaker - District 20						
	(n) Coal prepared at Legal Breaker - District 16						368 tons prepared at Reichwein & Beury Breaker - District 27						
	(o) All coal prepared at Diamond Breaker - District 20												

		District 23					Pounds				Fatal fatal		
Operators and Collieries		County		Shipped to market	Sold to colliery	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	acci- dents
		By railroad	By truck	to local trade	to colliery	for steam and heat	production	used	dynamite used	worked	Empl- oves	acci- dents	acci- dents
Al Mar Coal Co.	DM Northumberland	6,724	2,706	4,098	-	-	13,528 a	13,450	-	312	7	-	-
B. & B. Coal Co.	DM Northumberland	517	541	1,403	-	-	2,461 b	1,900	-	247	5	-	-
B. & S. Coal Co.	DM Northumberland	8,613	198	1,089	-	-	9,900 c	4,250	-	224	7	-	-
C. & J. Coal Co.	S Northumberland	5,415	124	685	-	-	6,224 c i	-	550	179	8	-	-
Cheravanik Associates	DM Northumberland	2,210	2,315	6,000	-	-	10,525 d j	13,680	-	291	9	-	-
Scott Strip	S Northumberland	4,609	4,297	1,510	-	-	10,416	-	610	72	-	-	-
Mayeville Strip	S Northumberland	10,526	9,812	3,449	-	-	23,787	-	9,300	212	14	-	-
Total		15,135	14,109	4,959	-	-	34,203 e	-	9,910	14	-	-	-
G.M.P. Coal Co.	DM Northumberland	18,746	140	2,662	-	-	21,548 c	12,950	-	233	12	-	-
P. & S. Mining Co.	DM Northumberland	613	1,033	129	-	-	1,775 f	1,900	175	96	5	-	-
Pahira & Niel	S Schuylkill	-	138	82	-	-	220 g	-	150	27	4	-	-
Reading Anthracite Co.	BP Northumberland	-	-	-	-	-	-	-	-	260	20	-	3
Locust Summit Breaker	S Northumberland	31,497	4,094	12,044	-	-	47,635 h	-	632,382	264	21	-	4
Potts A-56 Strip		31,497	4,094	12,044	-	-	47,635 h	-	632,382	41	-	-	7

		District 23					Pounds				Fatal fatal		
Operators and Collieries		County		Shipped to market	Sold to colliery	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	acci- dents
		By railroad	By truck	to local trade	to colliery	for steam and heat	production	used	dynamite used	worked	Empl- oves	acci- dents	acci- dents
Savitski Brothers	S Northumberland	-	2,327	1,046	-	-	3,373 g	-	20,000	51	5	-	-
Susquehanna Coal Co.	DM Northumberland	133	124	44	-	-	301	250	75	120	23	-	-
Gap Anthracite Co., (Contractor)	Northumberland	-	-	-	-	-	*	-	-	-	-	-	-
Maysville No. 2 Slope		133	124	44	-	-	301 e	250	75	23	-	-	-
Scott Pumping		-	-	-	-	-	-	-	-	-	-	-	-
Thomas & Brother, Inc., W. H.	BP Northumberland	-	-	-	-	-	-	-	-	306	10	-	-
Thomas Breaker		-	-	-	-	-	-	-	-	-	-	-	-
Zanella Brothers Coal Co.	DM Northumberland	10,825	81	1,537	-	-	12,443 c	6,500	-	292	8	-	-
Primrose Slope		10,825	81	1,537	-	-	12,443 c	6,500	-	292	8	-	-
District Total		100,428	27,930	35,778	-	-	164,136	54,880	663,242	225	158	-	7
DM - Deep Mined	S - Stripping	bk - Bank		B - Breaker			BP - Breaker Preparation Only.					W - Washery	
NOTE:	(a) 6,764 tons prepared at Bar Mac Breaker - District 24				(e) All coal prepared at Glen Burn Breaker - District 24								
	(b) 6,764 tons prepared at D. & Z. Breaker - District 24				(f) All coal prepared at Split Vein Breaker - District 24								
	(c) 1,250 tons prepared at D. & Z. Breaker - District 24				(g) All coal prepared at Savitski Breaker - District 20								
	561 tons prepared at Swift Breaker - District 24				(h) All coal prepared at St. Nicholas Breaker - District 27								
	650 tons prepared at Thomas Breaker - District 29				(i) Enterprise Strip of C. & J. Coal Company finished in September 1963.								
	(d) All coal prepared at Diamond Breaker - District 20				(j) Change Coal Co. operated as M. Cosen & Co. up to February 28, 1963.								
	(d) All coal prepared at D. & Z. Breaker - District 24				* Deep well pumps operating at the Scott Mine Shaft.								

		District 24					Pounds				Fatal fatal		
Operators and Collieries		County		Shipped to market	Sold to colliery	Used at colliery for steam and heat	Total production	permis- sible ex- plosives used	Pounds dynamite used	Days worked	Empl- oves	acci- dents	acci- dents
		By railroad	By truck	to local trade	to colliery	for steam and heat	production	used	dynamite used	worked	Empl- oves	acci- dents	acci- dents
Bar Mac Coal Co., Inc.	BP Northumberland	-	-	-	-	-	-	-	-	309	7	-	-
Bellaire Coal Sales, Inc.	W Northumberland	-	-	-	-	-	-	-	-	22	-	-	-
Bellaire Washery	BP Northumberland	-	-	-	-	-	-	-	-	22	7	-	-
Boslego Coal Co.	DM Northumberland	2,801	2,611	884	40	40	6,336 a b	2,300	200	118	5	-	-
No. 4 Rock Slope		2,801	2,611	884	40	40	6,336 a b	2,300	200	118	5	-	-
C. & J. Coal Co.	S Northumberland	8,350	-	1,053	200	200	9,603 c	15,000	25,000	170	8	-	-
No. 4 & No. 5 Vein Strip		8,350	-	1,053	200	200	9,603 c	15,000	25,000	170	8	-	-
D. & Z. Coal Co.	BP Northumberland	-	-	-	-	-	-	-	-	303	11	-	1
D. & Z. Breaker		-	-	-	-	-	-	-	-	303	11	-	1
Diminick Coal Sales	BP Northumberland	-	-	-	-	-	-	-	-	308	5	-	-
Diminick Breaker		-	-	-	-	-	-	-	-	308	5	-	-

		District 24 Production - net tons					Pounds					Non-	
Operators and Collieries	County	Shipped to market		Sold to	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	fatal acci-dents	
		By railroad	By truck	local trade	for steam and heat								production
Duke Associates	DM Northumberland	2,120	5,183	-	12	7,315 d	3,250	-	262	5	-	1	
Edgewood Contracting Co.													
No. 5 Vein Strip	S Northumberland	63	94	8	-	165 e	-	150	31	-	-	-	
No. 16 Vein Strip	S Northumberland	-	-	-	-	-	3,500	100	8	3	-	-	
<b>Total</b>		<b>63</b>	<b>94</b>	<b>8</b>	<b>-</b>	<b>165 f</b>	<b>3,500</b>	<b>150</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Glosek Brothers Coal Sales													
Glosek Breaker	BP Northumberland	-	-	-	-	-	-	-	298	8	-	-	
Bear Valley Strip	S Northumberland	36	-	224	-	260 g	-	-	20	3	-	-	
<b>Total</b>		<b>36</b>	<b>-</b>	<b>224</b>	<b>-</b>	<b>260 h</b>	<b>-</b>	<b>-</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>	
H. & B. Coal Co.													
No. 4 Vein Strip	S Northumberland	132	123	43	3	301 a	-	100	40	2	-	-	
Hoover Mining Co.													
Hoover Breaker	BP Northumberland	-	-	-	-	-	-	-	300	4	-	-	
K. & D. Coal Co.													
K. & D. Breaker	BP Northumberland	-	-	-	-	-	-	-	301	6	-	-	
Lower Region Colliery													
Lower Region Washery	W Northumberland	-	-	-	-	-	-	-	282	6	-	3	
North Line Coal Co.													
Burnside Strip	S Northumberland	6,834	-	13,670	-	20,504 i	105,700	21,000	185	8	-	-	
Pioneer Construction & Development Corp.													
Bear Valley-Crab Run Strip	S Northumberland	3,491	7,437	5,938	50	16,916 j	-	5,129	245	8	-	-	
Ranshaw Contractors & Wreckers													
Neilson Bank	bk Northumberland	-	8,259	-	-	8,259 k	-	-	59	7	-	-	
Reidinger Coal Service													
Reidinger Breaker	BP Northumberland	-	-	-	-	-	-	-	216	8	-	-	
Rosini Coal Co.													
Carbon Run Breaker	BP Northumberland	-	-	-	-	-	-	-	310	29	-	4	
Split Vein Coal Co.													
Split Vein Breaker	BP Northumberland	-	-	-	-	-	-	-	307	11	-	1	
Steam Coals, Inc.													
North Line Breaker	BP Northumberland	-	-	-	-	-	-	-	210	27	-	1	
Susquehanna Coal Co.													
Gap Anthracite Co., Contractor													
Glen Burn Colliery	B Northumberland	-	-	-	-	-	-	-	239	33	-	-	
West Drift	DM Northumberland	110,401	102,916	34,930	1,248	249,495	100,450	104,155	239	344	1	77	
<b>Total</b>		<b>110,401</b>	<b>102,916</b>	<b>34,930</b>	<b>1,248</b>	<b>249,495 a</b>	<b>100,450</b>	<b>104,155</b>	<b>377</b>	<b>1</b>	<b>77</b>	<b>77</b>	

		District 24 Production - net tons					Pounds					Non-	
Operators and Collieries	County	Shipped to market		Sold to	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	fatal acci-dents	
		By railroad	By truck	local trade	for steam and heat								production
Swift Coal Sales													
Swift Breaker	BP Northumberland	-	-	-	-	-	-	-	306	6	-	-	
Yudacufski Brothers													
Neilson Bank	bk Northumberland	-	54,053	-	-	54,053 k	-	-	124	4	-	-	
<b>District Total</b>		<b>134,228</b>	<b>180,676</b>	<b>56,750</b>	<b>1,553</b>	<b>373,207</b>	<b>230,200</b>	<b>155,834</b>	<b>237</b>	<b>565</b>	<b>1</b>	<b>88</b>	

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

NOTE: (a) All coal prepared at Glen Burn Breaker  
 (b) Ceased operations in June 1963.  
 (c) All coal prepared at Diamond Breaker - District 20  
 (d) All coal prepared at Diminick Breaker  
 (e) Ceased operations in May 1963.  
 (f) All coal prepared at Split Vein Breaker  
 (g) Ceased operations in January 1963.  
 (h) All coal prepared at Glosek Breaker

(i) All coal prepared at North Line Breaker  
 (j) 8,586 tons prepared at D. & Z. Breaker  
 4,961 tons prepared at K. & D. Breaker  
 2,356 tons shipped to market unprepared  
 843 tons prepared at Glosek Breaker  
 170 tons prepared at various other breakers in the district.  
 (k) All coal shipped to market unprepared.

		District 25					Pounds					Non-	
Operators and Collieries	County	Shipped to market		Sold to	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	fatal acci-dents	
		By railroad	By truck	local trade	for steam and heat								production
Anthracite Fine Coals, Inc.													
Donaldson Breaker	BP Schuylkill	-	-	-	-	-	-	-	175	19	-	-	
Blue Bell Enterprises													
Red Mountain Strip	S Schuylkill	3,218	882	410	97	4,607 a	3,300	150	100	3	-	-	
Franklin Coal Co.													
Franklin Hydrotated Breaker	BP Schuylkill	-	-	-	-	-	-	-	286	10	-	-	
Gavalis Co., Joseph													
Swatara Strip	S Schuylkill	34,420	18,708	19,832	274	73,234 b	14,600	382,211	282	14	-	-	
Herb & Reed Co.													
Diamond Vein Slope	DM Schuylkill	23,670	20,130	2,420	121	46,341 c	25,000	50	300	40	-	1	
Hegins Mining Co.													
Hillside Breaker	BP Schuylkill	-	-	-	-	-	-	-	294	7	-	-	
Indian Head Coal Co.													
Indian Head Breaker	BP Schuylkill	-	-	-	-	-	-	-	194	43	-	4	
Indian Head Bank	bk Schuylkill	15,001	12,601	1,800	600	30,002	-	-	194	7	-	1	
Indian Head Strip	S Schuylkill	23,850	20,034	2,862	954	47,700	167,875	15,065	194	60	-	5	
<b>Total</b>		<b>38,851</b>	<b>32,635</b>	<b>4,662</b>	<b>1,554</b>	<b>77,702 d</b>	<b>167,875</b>	<b>15,065</b>	<b>110</b>	<b>-</b>	<b>10</b>	<b>10</b>	
Jewell Ridge Coal Co.													
Primrose Slope	DM Schuylkill	62,503	52,406	5,542	458	120,909 e	46,525	-	296	60	-	6	



		District 25 Production - net tons					Pounds	Pounds	Days	Empl-	Fatal	Non-	
Operators and Collieries		County	Shipped to market	Sold to	Used at	Total	permis-	dynamite	worked	oves	acci-	acci-	
			By railroad	By trucks	local trade	colliery for steam and heat	sible explosives used	used			dents	dents	
Koch's Coal Co.			-	-	-	-	-	-	300	5	-	-	
Koch Breaker	BP	Schuylkill	-	-	-	-	-	-	-	-	-	-	
Nagle, Inc., W. Joseph			2,434	808	-	-	3,242 f	-	87	9	-	-	
West End Strip	S	Schuylkill	-	-	-	-	-	-	285	10	-	-	
Oakwood Coal Co., Inc.			-	-	-	-	-	-	60	9	-	1	
Oakwood Breaker	BP	Schuylkill	-	-	-	-	-	-	243	35	-	-	
Parkway Anthracite Co., Inc.			-	-	-	-	-	-	243	101	-	20	
Parkway Breaker	BP	Schuylkill	55,675	22,000	83,437	-	161,112 g	50,775	-	136	-	20	
Penag Coal Co., Inc.			55,675	22,000	83,437	-	161,112 g	50,775	-	136	-	20	
Penag Breaker	B	Schuylkill	-	-	-	-	-	-	228	5	-	-	
Penag Colliery	DM	Schuylkill	-	-	-	-	-	-	267	25	-	2	
Potts Contracting Co.			12,760	8,142	2,468	83	23,453 h	12,950	-	-	-	-	
Potts Breaker	BP	Schuylkill	-	-	-	-	-	-	305	14	-	-	
Renninger Coal Co., Inc.			-	-	-	-	-	-	285	5	-	-	
Buck Mountain Slope	DM	Schuylkill	-	-	-	-	-	-	297	22	-	1	
Schneck Coal Co., Thomas W.			2,076	8,092	1,042	244	11,454 i	20,000	-	-	-	-	
Schneck's Breaker	BP	Schuylkill	-	-	-	-	-	-	189	8	-	-	
Shally Construction Co.			-	-	-	-	-	-	-	-	-	-	
Red Mountain Strip	S	Schuylkill	6,828	3,632	3,934	134	14,528 b	3,455	-	-	-	-	
Swatara Coal Co.			-	-	-	-	-	-	-	-	-	-	
Swatara Breaker	BP	Schuylkill	-	-	-	-	-	-	-	-	-	-	
Woratyla Coal Co.			-	-	-	-	-	-	-	-	-	-	
Middle Split Slope	DM	Schuylkill	242,435	167,435	123,747	2,965	536,582	344,480	397,476	221	511	-	41
District Total													

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

NOTE: (a) 2,215 tons prepared at Branch Breaker - District 21  
 950 tons prepared at Donaldson Breaker  
 308 tons prepared at Potts Breaker  
 740 tons prepared at Minersville Breaker - District 21  
 394 tons prepared at DiRenzo Breaker - District 21  
 (b) All coal prepared at Swatara Breaker  
 (c) 15,447 tons prepared at Underkoffler Breaker - District 12  
 12,600 tons prepared at Indian Head Breaker  
 18,294 tons prepared at Swatara Breaker

(d) All coal prepared at Indian Head Breaker  
 (e) 101,015 tons prepared at Kocher Breaker - District 30  
 19,894 tons prepared at Maple Springs Breaker - District 21  
 (f) All coal prepared at Donaldson Breaker  
 (g) All coal prepared at Penag Breaker  
 (h) 10,117 tons prepared at Kocher Breaker - District 30  
 4,170 tons prepared at DiRenzo Breaker - District 21  
 6,310 tons prepared at Indian Head Breaker  
 1,644 tons prepared at Swatara Breaker  
 1,212 tons prepared at Schneck Breaker

		District 25 Production - net tons					Pounds	Pounds	Days	Empl-	Fatal	Non-
Operators and Collieries		County	Shipped to market	Sold to	Used at	Total	permis-	dynamite	worked	oves	acci-	acci-
			By railroad	By trucks	local trade	colliery for steam and heat	sible explosives used	used			dents	dents
NOTE: (1) 6,118 tons prepared at Franklin Hydrotated Breaker			2,172 tons prepared at Donaldson Breaker									
			2,092 tons prepared at Branch Breaker - District 21									
			1,072 tons prepared at Live Oak Breaker - District 21									

		District 26					Pounds	Pounds	Days	Empl-	Fatal	Non-
Operators and Collieries		County	Shipped to market	Sold to	Used at	Total	permis-	dynamite	worked	oves	acci-	acci-
			By railroad	By trucks	local trade	colliery for steam and heat	sible explosives used	used			dents	dents
Alessi Coal Co.			927	1,391	2,318	-	4,636 a	1,450	1,300	244	5	-
Buck Mountain Slope	DM	Schuylkill	-	-	-	-	-	-	-	226	3	-
Altamont Coal Co.			-	-	-	-	-	-	-	178	10	-
Altamont Breaker	BP	Schuylkill	-	-	-	-	-	-	-	162	20	-
Blaschak Coal Co.			-	-	-	-	-	-	-	162	2	-
Blaschak Breaker	BP	Schuylkill	7,450	-	-	-	7,450	-	-	22	-	1
Coleby Coal Co.			7,450	-	-	-	7,450 b	-	-	-	-	-
Candlemas Washery	W	Schuylkill	-	-	-	-	-	-	-	-	-	-
Candlemas Bank	bk	Schuylkill	-	-	-	-	-	-	-	-	-	-
D. & S. Coal Co.			-	91	171	-	262 c	100	-	40	7	-
Buck Mountain Slope	DM	Schuylkill	-	-	-	-	-	-	-	214	2	-
Englewood Coal Co.			-	-	-	-	-	-	-	205	5	-
Englewood Breaker	BP	Schuylkill	-	404	1,786	-	2,190 d	1,075	-	282	16	-
Fegley Bros. Coal Co.			10,924	5,042	840	-	16,806 e	1,100	11,400	52	44	-
Skidmore Slope	DM	Schuylkill	24,230	11,369	1,678	-	37,277	468,920	2,007	61	17	-
Forsum Coal Co.			21,548	10,111	1,492	-	33,151	-	-	61	17	-
No. 6 Slope	DM	Schuylkill	45,778	21,480	3,170	-	70,428 e	468,920	2,007	61	-	-
Gilberton Coal Co.			-	-	-	-	-	-	-	-	-	-
Suffolk Strip	S	Schuylkill	470	702	586	-	1,758 f	-	-	32	7	-
Boston Run Bank	bk	Schuylkill	62	564	638	-	1,264 g	1,000	-	230	5	-
Huss, George			4,967	2,279	631	-	7,877 h	-	43,882	25	37	1
Silver Brook Strip	S	Schuylkill	-	-	-	-	-	-	-	166	5	-
Jones Coal Co.			-	-	-	-	-	-	-	166	14	-
Split Slope	DM	Schuylkill	8,864	11,703	5,048	120	25,735	-	-	19	-	4
Lehigh Valley Anthracite, Inc.			8,864	11,703	5,048	120	25,735 i	-	-	-	-	-
New Boston	S	Schuylkill	-	-	-	-	-	-	-	-	-	-
Locust Valley Coal Co.			-	-	-	-	-	-	-	-	-	-
Mount Hazle Breaker	B	Schuylkill	-	-	-	-	-	-	-	-	-	-
Mahanoy City Bank	bk	Schuylkill	-	-	-	-	-	-	-	-	-	-
Total												

			District 26 Production - net tons				Pounds		Non-			
Operators and Collieries	County	County	Shipped to market	Sold	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal
			By	By	to		sible ex-				dynamite	ovs-
			By	By	local	production:	plives	used	worked	oyes	dents	dents
			railroad	truck	trade		and heat					
Mazaika Bros. Coal Co.			-	-	-	-	-	-	305	4	-	-
Mazaika Breaker	BP	Schuylkill	-	-	-	-	-	-	-	-	-	-
Morea Mining Co., Inc.												
New Boston Strip	S	Schuylkill	1,049	2,541	5,454	-	9,044 j	-	105	23	-	1
Primrose Strip	S	Schuylkill	182	90	103	-	375 k	-	7	13	-	-
Total			1,231	2,631	5,557	-	9,419	-	36	-	-	1
Peca Coal Co., Inc.												
Lehigh-Park Breaker	B	Schuylkill	-	-	-	-	-	-	41	7	-	-
Peca Shaft	DM	Schuylkill	8,762	5,038	5,167	-	18,967 l	28,000	41	150	1	9
Total			8,762	5,038	5,167	-	18,967 l	28,000	157	1	9	9
Pleasant Hill Coal Co.												
Skidmore Slope	DM	Schuylkill	1,350	1,720	2,707	-	5,777 m	1,000	245	7	1	1
Reading Anthracite Co.												
Knickerbocker Strips	S	Schuylkill	79,185	10,289	30,280	209	119,963	3,471,289	289	33	-	-
Maple Hill Cleaner Plant		Schuylkill	-	-	-	-	-	-	139	13	-	1
St. Nicholas Central Breaker	B	Schuylkill	-	-	-	-	-	-	198	147	-	9
St. Nicholas #4 & #5 Plant		Schuylkill	-	-	-	-	-	-	262	36	-	-
St. Nicholas Pump & Steam Plant		Schuylkill	-	-	-	-	-	-	176	10	-	-
St. Nicholas Slush Bank	bk	Schuylkill	146,454	-	-	-	146,454	-	222	16	-	-
Total			225,639	10,289	30,280	209	266,417 n	3,471,289	255	-	-	10
Seltzer Breaker												
Seltzer Breaker	BP	Schuylkill	-	-	-	-	-	-	66	5	-	-
Simoes & Co.												
Buck Mountain Slope	DM	Schuylkill	886	1,329	2,217	-	4,432 a	3,200	250	7	-	1
Sluck Coal Co.												
No. 91-92-93 Slopes	DM	Schuylkill	1,374	634	106	-	2,114 e o	500	141	5	-	-
Skytop Coal Co.												
Skytop Breaker	BP	Schuylkill	-	-	-	-	-	-	108	10	-	-
Valley Coal Co.												
Valley Breaker	BP	Schuylkill	-	-	-	-	-	-	284	2	-	-
Walinchus Contracting Co.												
Lykens Slope	DM	Schuylkill	1,325	2,112	3,546	-	6,983 p	11,000	268	11	-	-
Wessner Coal Co.												
Wessner Breaker	BP	Schuylkill	-	-	-	-	-	-	305	5	-	-
District Total			320,009	67,409	64,768	329	452,515	3,988,634	58,589	111	703	2 28

DM - Deep Mined

S - Stripping

bk - Bank

B - Breaker

BP - Breaker Preparation Only.

W - Washery

			District 26 Production - net tons				Pounds		Non-			
Operators and Collieries	County	County	Shipped to market	Sold	Used at	Total	permis-	Pounds	Days	Empl-	Fatal	fatal
			By	By	to		sible ex-				dynamite	ovs-
			By	By	local	production:	plives	used	worked	oyes	dents	dents
			railroad	truck	trade		and heat					
<p>NOTE: (a) All coal prepared at Skytop Breaker (k) All coal prepared at Lehigh-Park Breaker                      (b) All coal prepared at Candelmas Washery (l) All coal prepared at Lehigh-Park Breaker                      (c) All coal prepared at Blaschak Breaker Ceased operations in February 1963.                      (d) 1,154 tons prepared at Wessner Breaker (m) 1,346 tons prepared at Blaschak Breaker                      1,036 tons prepared at Valley Breaker Ceased operations in April 1963.                      Ceased operations in October 1963. (n) 1,550 tons prepared at Lehigh-Park Breaker                      (e) All coal prepared at Gilberton Breaker - District 27 2,881 tons prepared at Skytop Breaker                      (f) All coal prepared at Beaver Brook Breaker - District 15. (o) All coal prepared at St. Nicholas Breaker                      Ceased operations in September 1963. (p) 6,624 tons prepared at Skytop Breaker                      (g) 315 tons prepared at Skytop Breaker 354 tons prepared at Blaschak Breaker                      949 tons prepared at Mazaika Breaker                      (h) All coal prepared at Mammoth Breaker - District 27                      (i) All coal prepared at Mount Hazle Breaker                      (j) 1,444 tons prepared at Lehigh-Park Breaker                      1,635 tons prepared at Skytop Breaker                      5,965 tons prepared at Blaschak Breaker                      Ceased operations in November 1963.</p>												
			District 27									
Anthracite Fine Coals, Inc.												
Sherman Mountain Strip	S	Schuylkill	2,257	879	-	-	3,136	-	61	4	-	-
Tremont	DM	Schuylkill	1,126	438	-	-	1,564	900	124	13	-	-
Total			3,383	1,317	-	-	4,700 a	900	17	-	-	-
B. & O. Coal Co.												
No. 1 - 2 Slopes	DM	Schuylkill	5,104	1,985	-	-	7,089 a	6,234	307	8	-	-
Bain, Alfred												
Bain Strip	S	Schuylkill	1,523	593	-	-	2,116 a b	-	45	4	-	-
Bowman & Coleman Coal Co.												
No. 4 Slope	DM	Schuylkill	2,462	10,261	957	-	13,680 c	24,000	293	14	-	2
Capparell Coal Co., Inc.												
Rosa Breaker	BP	Schuylkill	-	-	-	-	-	-	250	30	-	3
Capparell Stripping & Construction Co., Inc.												
West Shenandoah Banks	bk	Schuylkill	21,093	16,929	4,976	-	42,998	-	250	5	-	-
Kohinoor Strip	S	Schuylkill	47,012	40,010	13,004	303	100,329	-	250	80	-	-
Total			68,105	56,939	17,980	303	143,327 d	-	663,350	85	-	-
Deitrick & Ebert Coal Co.												
No. 2 - 3 Slopes	DM	Schuylkill	925	4,436	552	-	5,913 e	7,450	291	6	-	5

		District 27 Production - net tons					Pounds						
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents	
		By railroad	By truck	to local trade	colliery for steam and heat								production
G. & M. Coal Co. No. 1 Slope - Connerton Drift	DM Schuylkill	2,151	991	272	-	3,414 f	3,975	-	303	5	-	-	
Gilberton Coal Co. Gilberton Breaker	BP Schuylkill	-	-	-	-	-	-	-	151	95	-	3	
Gilberton Banks	bk Schuylkill	37,125	17,420	2,570	-	57,115	-	-	217	12	-	-	
Gilberton Strips	S Schuylkill	158,536	74,390	10,976	250	244,152	-	4,663,744	245	124	-	15	
<b>Total</b>		<b>195,661</b>	<b>91,810</b>	<b>13,546</b>	<b>250</b>	<b>301,267 g</b>	<b>-</b>	<b>4,663,744</b>	<b>231</b>	<b>-</b>	<b>-</b>	<b>18</b>	
Hatter Coal Co. No. 1 - 2 Slopes	DM Schuylkill	2,974	12,391	1,157	-	16,522 c	10,251	-	295	11	-	-	
Hegins Mining Co. No. 3A-Buck Mountain Slopes	DM Schuylkill	15,662	33,714	1,743	-	51,119 h	41,600	-	272	39	-	4	
Hill Vue Coal Co. Hill Vue Breaker	BP Schuylkill	-	-	-	-	- i	-	-	120	2	-	-	
Hoover & Reed Coal Co. No. 2 - 3 Slopes	DM Schuylkill	1,271	5,555	1,214	-	8,040 j	3,200	-	240	10	-	3	
K. & G. Coal Co. No. 1 Slope	DM Schuylkill	-	-	3,570	-	3,570 k	4,125	-	165	7	-	-	
KGR Coal Co. Packer No. 3	DM Schuylkill	11,246	5,755	850	-	17,851 f	7,200	4,400	252	12	-	1	
KRG Coal Co. KRG Slope	DM Schuylkill	-	8,400	-	-	8,400 l	9,100	-	280	12	-	7	
Malho Coal Co. Malho Breaker	BP Schuylkill	-	-	-	-	-	-	-	305	4	-	-	
No. 4 Slope	DM Schuylkill	1,294	4,570	10,308	-	16,172	18,200	-	305	15	-	2	
<b>Total</b>		<b>1,294</b>	<b>4,570</b>	<b>10,308</b>	<b>-</b>	<b>16,172 m</b>	<b>18,200</b>	<b>-</b>	<b>305</b>	<b>19</b>	<b>-</b>	<b>2</b>	
Mammoth Coal Co. Girard Strip	S Schuylkill	227,654	104,793	28,439	470	361,356	-	-	287	72	-	6	
Hammond Strip	S Schuylkill	25,418	11,700	3,118	110	40,346	-	2,823,636	287	21	-	4	
Packer No. 4 Strip	S Schuylkill	66,457	30,097	9,031	260	105,845	-	-	287	53	-	2	
<b>Total</b>		<b>319,529</b>	<b>146,590</b>	<b>40,588</b>	<b>840</b>	<b>507,547 f</b>	<b>-</b>	<b>2,823,636</b>	<b>146</b>	<b>-</b>	<b>-</b>	<b>12</b>	
Mercury Coal Co. No. 4 Slope	DM Schuylkill	25,998	23,519	688	-	50,205 n	63,675	-	292	45	-	15	
Mercy Coal Co. Mercy	DM Schuylkill	616	240	-	-	856 a o	400	-	46	6	-	-	
Metzinger Coal Co. No. 1 Slope	DM Schuylkill	2,148	1,334	3,928	-	7,410 p	3,000	2,000	290	10	-	1	
Miller Coal Co. Miller Slope	DM Schuylkill	753	9,906	107	-	10,766 q	7,800	600	302	8	-	-	

		District 27 Production - net tons					Pounds						
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	permissible explosives used	Pounds dynamite used	Days worked	Empl- oyes	Fatal acci- dents	Non- fatal acci- dents	
		By railroad	By truck	to local trade	colliery for steam and heat								production
Mosolino Contracting Co. Barry Bank	bk Schuylkill	3,756	4,993	-	-	8,749	-	-	160	1	-	-	
Barry Washery	W Schuylkill	-	-	-	-	-	-	-	160	5	-	-	
<b>Total</b>		<b>3,756</b>	<b>4,993</b>	<b>-</b>	<b>-</b>	<b>8,749 r</b>	<b>-</b>	<b>-</b>	<b>160</b>	<b>6</b>	<b>-</b>	<b>-</b>	
Neumeister's Coal Co. No. 2 - 3 Slopes	DM Schuylkill	1,468	4,551	1,321	-	7,340 s	4,975	-	292	5	-	1	
Pine Ridge Mining Co., Inc. Millersville Breaker	BP Schuylkill	-	-	-	-	-	-	-	152	23	-	-	
Millersville Bank	bk Schuylkill	3,176	1,971	5,806	-	10,953	-	-	107	6	-	-	
<b>Total</b>		<b>3,176</b>	<b>1,971</b>	<b>5,806</b>	<b>-</b>	<b>10,953 p</b>	<b>-</b>	<b>-</b>	<b>29</b>	<b>-</b>	<b>-</b>	<b>-</b>	
Reading Anthracite Co. Buck Run Strip P-45	S Schuylkill	81,098	10,538	31,011	-	122,647	-	3,687,824	287	35	-	1	
P-45 Cleaner Plant	BP Schuylkill	-	-	-	-	-	-	-	126	8	-	-	
<b>Total</b>		<b>81,098</b>	<b>10,538</b>	<b>31,011</b>	<b>-</b>	<b>122,647 t</b>	<b>-</b>	<b>3,687,824</b>	<b>43</b>	<b>-</b>	<b>-</b>	<b>1</b>	
Reichwein & Beury Coal Co. Reichwein & Beury Breaker	BP Schuylkill	-	-	-	-	-	-	-	200	5	-	-	
Rickert Brothers Coal Co. No. 4 - 6 Slopes	DM Schuylkill	2,334	1,430	-	-	3,764 u	1,100	650	79	16	-	-	
S. & M. Coal Co. No. 1 Slope	DM Schuylkill	3,629	3,024	67	-	6,720 v	14,000	-	280	8	-	-	
Schwartzlander Coal Co. No. 1 Slope	DM Schuylkill	4,105	1,596	-	-	5,701 a	4,500	-	257	5	-	1	
Smith Coal Co. Smith Slope	DM Schuylkill	4,801	4,001	89	-	8,891 v	16,800	-	281	8	-	1	
Swatara Coal Co. Primrose Strip	S Schuylkill	3,208	1,925	1,284	-	6,417 w	47,720	1,500	40	8	-	1	
Walsittis Coal Co. Primrose Slope-Water Level Drift	Schuylkill	156	7,105	557	-	7,818 x	4,950	550	299	7	-	1	
White Birch Coal Co. Buck Mountain Slope	DM Schuylkill	3,047	6,198	9,261	-	18,506 y	7,800	23,300	232	26	-	2	
<b>District Total</b>		<b>771,583</b>	<b>467,638</b>	<b>146,856</b>	<b>1,393</b>	<b>1,387,470</b>	<b>312,955</b>	<b>11,871,554</b>	<b>238</b>	<b>893</b>	<b>-</b>	<b>81</b>	

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

NOTE: (a) All coal prepared at Donaldson Breaker - District 25  
 (b) Ceased operations in June 1963.  
 (c) All coal prepared at Superior Breaker - District 16  
 (d) All coal prepared at Rosa Breaker  
 (e) 772 tons prepared at Maple Spring Breaker - District 21  
 2,446 tons prepared at Hillside Breaker - District 25  
 2,695 tons prepared at Live Oak Breaker - District 21  
 (f) All coal prepared at Mammoth Breaker - District 22

**District 27**

Operators and Collieries	County	Production - net tons				Total production	Pounds		Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
		Shipped to market	Sold	Used at	permis-		Pounds dynamite used	sible ex-plosives used				
		By : railroad	By : truck	to local trade	colliery for steam and heat							
NOTE: (g) All coal prepared at Gilberton Breaker (o) Ceased operations in March 1963.												
(h)		6,104 tons prepared at Maple Spring Breaker - District 21	(p)	All coal prepared at Millersville Breaker								
		4,904 tons prepared at K. & P. Breaker - District 21	(q)	All coal prepared at B. & N. Breaker - District 19								
		21,263 tons prepared at Kochev Breaker - District 16	(r)	All coal prepared at Barry Washery								
		18,843 tons prepared at Hillside Breaker - District 25	(s)	All coal prepared at Live Oak Breaker - District 21								
(i)		Discontinued operations in June 1963.	(t)	All coal prepared at St. Nicholas Breaker - District 26								
(j)		5,100 tons prepared at Black Heath Breaker - District 21	(u)	All coal prepared at Devan Breaker - District 25								
		990 tons prepared at DiRenzo Breaker - District 21	(v)	All coal prepared at Kochev Breaker - District 16								
		1,440 tons prepared at K. & P. Breaker - District 21	(w)	All coal prepared at Swatara Breaker - District 25								
		510 tons prepared at D. & Z. Breaker - District 24	(x)	All coal prepared at Franklin Hydrotated Breaker - District 25								
(k)		All coal prepared at Schneck Breaker - District 25	(y)	13,669 tons prepared at Blaschak Breaker - District 26								
(l)		All coal prepared at Hillside Breaker - District 25		4,837 tons prepared at Mammoth Breaker - District 22								
(m)		All coal prepared at Malho Breaker										
(n)		47,114 tons prepared at Kochev Breaker - District 16										
		3,091 tons prepared at Superior Breaker - District 16										

**District 28**

Operators and Collieries	County	Shipped to market	Sold	Used at	Total production	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
Alarcon Coal Co. No. 3 Slope	DM Northumberland	7,475	6,596	879	6	14,956 a	8,000	304	18	-
Bednarczyk Coal Co. No. 2 Slope	DM Northumberland	5,455	7,512	2,447	6	15,420 b	9,000	289	9	-
Bridy, Incorporated Big Mountain Area Strip	S Northumberland	24	24	29	-	77 c	-	11	5	-
C. & S. Coal Co. C. & S. Strip	S Northumberland	103	369	30	-	502 d	-	61	4	-
E. & T. Coal Co. No. 2 Slope	DM Northumberland	1,273	6,618	593	8	8,492 e	5,000	200	9	-
Gowen Coal Co. No. 1 Slope	DM Northumberland	9,893	8,705	1,187	6	19,791 a	4,500	240	8	1
H. J. & H. Coal Co. Sunshine Bank	bk Northumberland	-	2,723	-	-	2,723 f	-	60	2	-
H. & W. Coal Co. No. 1 Slope	DM Northumberland	1,893	10,816	2,561	6	15,276 g	2,475	1,400	305	8
Maurer Mine, Paul No. 2 Vein Slope	DM Northumberland	502	2,612	234	2	3,350 h	600	47	8	-
No. 1 Vein Coal Mine No. 1 Vein Slope	DM Northumberland	3,266	6,836	2,235	7	12,344 i	5,750	300	295	6

**District 28**

Operators and Collieries	County	Shipped to market	Sold	Used at	Total production	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents	
Sunshine Coal Co. Sunshine Breaker	BP Northumberland	-	-	-	-	-	-	308	13	-	
West Cameron Coal Co. No. 2 Vein Slope	DM Northumberland	2,384	13,751	1,235	10	17,380 j	8,500	800	284	14	
<b>District Total</b>		<b>32,268</b>	<b>66,562</b>	<b>11,430</b>	<b>51</b>	<b>110,311</b>	<b>43,825</b>	<b>3,100</b>	<b>238</b>	<b>104</b>	<b>2</b>

DM - Deep Mined      S - Stripping      bk - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

NOTE: (a) All coal prepared at Carbon Run Breaker - District 24

(b) 73 tons prepared at Bellaire Breaker - District 24

6,558 tons prepared at Carbon Run Breaker - District 24

4,235 tons prepared at Split Vein Breaker - District 24

4,554 tons prepared at Thomas Breaker - District 23

(c) 38 tons prepared at K. & D. Breaker - District 24

39 tons prepared at North Line Breaker - District 24

Operated during February 1963 only.

(d) 16 tons prepared at Bar-Mac Breaker - District 24

41 tons prepared at D. & Z. Breaker - District 24

10 tons prepared at Diminick Breaker - District 24

9 tons prepared at Glen Burn Breaker - District 24

274 tons prepared at Lower Region Breaker - District 24

152 tons shipped direct to Merck Chemical Company

(e) All coal prepared at Sunshine Breaker.

Formerly E. & I. Coal Co. - changed to E. & T. Coal Co. on July 31, 1963. 3,307 tons produced by E. & I. Coal Co. worked 49 days with same employees.

(f) All coal shipped direct to P. P. & L. Company.

(g) 581 tons prepared at D. & Z. Breaker - District 24

108 tons prepared at Diminick Breaker - District 24

4,582 tons prepared at Split Vein Breaker - District 24

10,005 tons prepared at Swift Breaker - District 24

(h) All coal prepared at Sunshine Breaker.

Operated as small mine until October 31, 1963

(i) 4,430 tons prepared at Bar-Mac Breaker - District 24

7,914 tons prepared at Sunshine Breaker

(j) 4,156 tons prepared at Carbon Run Breaker - District 24

921 tons prepared at D. & Z. Breaker - District 24

15 tons prepared at Glosek Breaker - District 24

196 tons prepared at North Line Breaker - District 24

1,546 tons prepared at Swift Breaker - District 24

59 tons prepared at Diamond Breaker - District 20

10,487 tons shipped direct to Merck Chemical Company

**District 29**

Operators and Collieries	County	Shipped to market	Sold	Used at	Total production	Pounds dynamite used	Days worked	Empl-oves	Fatal acci-dents	Non-fatal acci-dents
Bridy, Incorporated Big Mountain Strip	S Northumberland	6,302	2,600	17,410	100	26,412 a	49,874	280	21	1
C. & J. Coal Co. Buck Ridge Strip	S Northumberland	12,040	-	1,522	277	13,839 b	800	222	9	1
Cains Coal Co. Cains Breaker	BP Northumberland	-	-	-	-	-	-	302	5	-
Edgewood Contracting Co. Big Mountain Strip	S Northumberland	75	329	281	-	685 c	100	39	3	-

		District 29 Production - net tons					Pounds				Fatal fatal	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	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	colliery for steam and heat							
Folger & Chapleski												
F. & C. Strip	S Northumberland	5,679	-	702	-	6,381 b	-	2,000	290	3	-	-
F. & C. Washery	W Northumberland	-	-	-	-	-	-	-	290	13	-	-
F. & C. Bank	bk Northumberland	-	287	-	-	287 d	-	-	40	2	-	-
<b>Total</b>		<b>5,679</b>	<b>287</b>	<b>702</b>	<b>-</b>	<b>6,668 d</b>	<b>-</b>	<b>2,000</b>		<b>18</b>	<b>-</b>	<b>-</b>
National Mining Co. No. 5 Vein Slope	DM Northumberland	4,532	128	10,110	-	14,770 e	7,650	-	305	11	-	-
Racho, George												
Luke Fidler Bank	bk Northumberland	71,527	-	-	-	71,527 d	-	-	137	10	-	-
Thomas & Brother, Inc., W. H.												
Franklin Coal Co.	DM Northumberland	920	4,011	3,426	-	8,357	3,600	-	307	7	-	-
Thomas Strip	S Northumberland	1,940	8,455	7,220	-	17,615	16,450	-	310	11	-	-
<b>Total</b>		<b>2,860</b>	<b>12,466</b>	<b>10,646</b>	<b>-</b>	<b>25,972 c</b>	<b>20,050</b>	<b>-</b>		<b>18</b>	<b>-</b>	<b>-</b>
Unique Coal Co. Bunker Hill Strip	S Northumberland	9,967	12,822	23,104	-	45,893 f	5,500	-	287	8	-	-
<b>District Total</b>		<b>112,982</b>	<b>28,632</b>	<b>63,775</b>	<b>377</b>	<b>205,766</b>	<b>83,874</b>	<b>2,100</b>	<b>260</b>	<b>103</b>	<b>-</b>	<b>2</b>

DM - Deep Mined      S - Stripping      bk - Bank      BP - Breaker Preparation Only.      B - Breaker      W - Washery

NOTE: (a) 10,160 tons prepared at K. & D. Breaker - District 24  
 8,568 tons prepared at North Line Breaker - District 24  
 2,362 tons prepared at Split Vein Breaker - District 24  
 2,434 tons prepared at D. & Z. Breaker - District 24  
 1,434 tons prepared at Glosek Breaker - District 24  
 964 tons prepared at Diminick Breaker - District 24  
 490 tons prepared at Thomas Breaker - District 23  
 (b) All coal prepared at Diamond Breaker - District 20  
 (c) All coal prepared at Thomas Breaker - District 23  
 (d) All coal shipped to P. P. & L. Co., Sunbury, Penna.

(e) 6,082 tons prepared at K. & D. Breaker - District 24  
 7,836 tons prepared at North Line Breaker - District 24  
 852 tons prepared at Bar-Mac Breaker - District 24  
 (f) 24,471 tons prepared at D. & Z. Breaker - District 24  
 13,798 tons prepared at North Line Breaker - District 24  
 187 tons prepared at Glosek Breaker - District 24  
 7,336 tons shipped to Merck & Co., Danville, Penna.  
 101 tons shipped to P. P. & L. Co., Sunbury, Penna.

		District 30					Pounds				Fatal fatal	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	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	colliery for steam and heat							
Anspach & Umbenhauer Coal Co. Buck Mountain Slope	DM Schuylkill	2,563	1,569	-	-	4,132 a	1,550	-	138	6	-	-
C.K.S. Coal Co. No. 2 Vein Slope	DM Schuylkill	9,706	11,142	1,275	51	22,174 b	7,800	-	274	7	-	-

		District 30					Pounds				Fatal fatal	
Operators and Collieries	County	Shipped to market		Sold	Used at	Total	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	colliery for steam and heat							
Emerich, William G. Emerich Bank Emerich Washery	bk Lebanon W Lebanon	-	700	378	-	1,078	-	-	70	1	-	-
<b>Total</b>			<b>700</b>	<b>378</b>	<b>-</b>	<b>1,078 c</b>	<b>-</b>	<b>-</b>	<b>70</b>	<b>1</b>	<b>-</b>	<b>-</b>
Fireside Mining, Inc. No. 1 Vein Slope	DM Schuylkill	5,286	3,959	628	176	10,049 d	4,800	-	228	7	-	1
Herring Brothers No. 4 Vein Slope	DM Schuylkill	4,183	6,824	-	-	11,007 e	10,300	125	221	9	-	3
Herring Coal Co. Primrose Slope	DM Schuylkill	4,499	3,511	-	-	8,010 f	4,100	-	231	4	-	-
Jollett Realty Co. Jollett Realty Breaker	BP Schuylkill	-	-	-	-	-	-	-	-	-	-	-
K. & D. Coal Co. No. 4 Vein Slope	DM Schuylkill	2,575	2,261	315	105	5,256 h	5,850	-	365	3*	-	1
Keffers Coal Co. L.V. No. 5 Vein Slope	DM Schuylkill	2,621	3,840	394	50	6,905 i	6,000	-	159	7	-	-
Keim Coal Co. No. 5 Tunnel	DM Dauphin	2,741	1,277	350	-	4,368 j	4,080	-	252	6	-	1
Kimmel Brothers Coal Co. Buck Mountain No. 2 Slope	DM Schuylkill	2,228	3,941	110	44	6,323 k	10,000	-	304	7	-	-
Kocher Coal Co. Kocher Breaker	BP Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Kreiser, Harvey R. Kreiser Bank Kreiser Washery	bk Lebanon W Lebanon	-	4,558	-	-	4,558	-	-	280	43	-	-
<b>Total</b>			<b>4,558</b>	<b>-</b>	<b>-</b>	<b>4,558 l</b>	<b>-</b>	<b>-</b>	<b>151</b>	<b>1</b>	<b>-</b>	<b>-</b>
L. & H. Coal Co. No. 2 Vein Slope	DM Schuylkill	17,549	9,723	-	-	27,272 m	11,100	-	254	11	-	-
Lengel Coal Co., Warren No. 1 Vein Slope	DM Schuylkill	3,896	3,867	10,153	84	18,000 n	16,650	-	310	14	-	1
Licoma Coal Co. No. 1 Vein Slope	DM Schuylkill	4,208	3,130	500	138	7,976 o	4,050	-	252	9	-	-
Lucas Coal Co., Fred Holmes Slope	DM Schuylkill	4,023	2,793	4	-	6,820 p	5,200	-	260	6	-	-
Madenford Coal Co. No. 1 Vein Slope	DM Schuylkill	1,765	1,732	28	4	3,529 q	4,000	-	154	6	-	-
Manbeck Dredging Co. Lincoln Bank Lincoln Washery	bk Schuylkill W Schuylkill	-	43,839	-	-	43,839	-	-	212	10	-	-
<b>Total</b>			<b>43,839</b>	<b>-</b>	<b>-</b>	<b>43,839 r</b>	<b>-</b>	<b>-</b>	<b>135</b>	<b>5</b>	<b>-</b>	<b>-</b>

		District 30 Production - net tons					Pounds							
Operators and Collieries	County	Shipped to market		Sold to	Used at	Total	permis- sible ex- posives 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								production	
Orbit Coal Co.														
Buck Mountain Slope	DM Schuylkill	2,891	4,782	127	-	7,800 s	10,500	-	296	6	-	1		
R. & J. Coal Co.														
No. 2 Vein Slope	DM Schuylkill	9,054	6,139	-	-	15,193 t	7,000	-	251	11	-	1		
S. & W. Coal Co.														
Middle Split Slope	DM Schuylkill	2,219	5,357	16,550	213	24,339 u	3,500	-	298	10	-	-		
Spancake & Herring Coal Co.														
Buck Mountain Slope	DM Schuylkill	2,634	10,916	504	72	14,126 v	13,000	-	292	6	-	-		
Stahl & Shade Coal Co.														
No. 2 Vein Slope	DM Schuylkill	15,611	6,505	655	13	22,784 w	6,875	-	277	10	-	-		
Talbot Realty Co., Inc.														
Gold Mine Strip	S Lebanon	21,579	12,057	6,887	33	40,556 x	-	4,000	230	10	-	-		
Tessco Coal Co.														
No. 1 Vein Slope	DM Schuylkill	4,955	3,735	590	165	9,445 y	4,725	-	249	7	-	-		
W. & U. Coal Co.														
No. 2 Vein Slope	DM Schuylkill	6,623	3,253	22	1	9,899 z	3,500	-	260	8	-	1		
Wolfgang Coal Co.														
No. 2 Vein Slope	DM Schuylkill	8,843	4,581	6,418	158	20,000 aa	6,650	-	290	9	-	1		
Zimmerman Coal Co., Marlin														
Buck Mountain Slope	DM Schuylkill	8,349	13,656	65	-	22,070 bb	24,000	-	261	9	-	2		
District Total		150,601	179,647	45,953	1,307	377,508	175,230	4,125	253	257	-	13		

DM - Deep Mined      S - Stripping      BK - Bank      B - Breaker      BP - Breaker Preparation Only.      W - Washery

- NOTE: (a) 2,161 tons prepared at Donaldson Breaker - District 25  
 1,971 tons shipped to P. & W. V. Ramp - District 12  
 (b) 11,310 tons prepared at Donaldson Breaker - District 25  
 10,200 tons prepared at Koch Breaker - District 25  
 664 tons shipped to P. & W. V. Ramp - District 12  
 (c) All coal prepared at Emerich Washery  
 (d) 7,460 tons prepared at Indian Head Breaker - District 25  
 2,589 tons prepared at Mammoth Breaker - District 27  
 Junior Coal Co. produced 4,019 tons - worked 102 days with  
 same employes - changed to Fireside Mining, Inc.  
 (e) All coal prepared at Schneck Breaker - District 25  
 (f) 6,248 tons prepared at Donaldson Breaker - District 25  
 1,762 tons shipped to Kelly Ramp - District 12  
 (g) Joliett Breaker idle entire year of 1963.  
 3 employes were maintenance men.  
 (h) All coal prepared at Indian Head Breaker - District 25  
 Mine abandoned in August 1963.  
 (i) 590 tons prepared at Penag Breaker - District 25  
 2,115 tons prepared at Kocher Breaker  
 4,200 tons prepared at Legal Breaker - District 16  
 (j) 3,683 tons prepared at Donaldson Breaker - District 25  
 160 tons shipped to Kelly Ramp - District 12  
 350 tons prepared at Meadowbrook Breaker - District 12  
 175 tons shipped to P. & W. V. Ramp - District 12  
 (k) 1,491 tons prepared at Kocher Breaker  
 4,262 tons prepared at Legal Breaker - District 16  
 570 tons prepared at Oakwood Breaker - District 25

		District 30 Production - net tons					Pounds							
Operators and Collieries	County	Shipped to market		Sold to	Used at	Total	permis- sible ex- posives 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								production	
NOTE: (l) All coal prepared at Kreiser Washery														
(m) 17,289 tons prepared at Donaldson Breaker - District 25														
9,983 tons shipped to P. & W. V. Ramp - District 12														
(n) 9,812 tons prepared at Underkoffler Breaker - District 12														
358 tons prepared at Strohecker Breaker - District 12														
2,232 tons prepared at Oakwood Breaker - District 25														
5,598 tons prepared at Kocher Breaker														
(o) 5,836 tons prepared at Indian Head Breaker - District 25														
2,140 tons prepared at Mammoth Breaker - District 27														
(p) 75 tons prepared at Kocher Breaker														
4,175 tons shipped to P. & W. V. Ramp - District 12														
2,570 tons prepared at Donaldson Breaker - District 25														
(q) All coal prepared at Maple Spring Breaker - District 21														
(r) 11,009 tons shipped unprepared to market														
32,830 tons prepared at Lincoln Washery														
Formerly operated by Lincoln Anthracite Co. - changed to Manbeck Dredging Co.														
(s) 1,810 tons prepared at Oakwood Breaker - District 25														
5,990 tons prepared at Schneck Breaker - District 25														
Orbit Coal Co. previously reported as small mine.														
(t) 6,175 tons prepared at Donaldson Breaker - District 25														
9,018 tons shipped to P. & W. V. Ramp - District 12														
(u) 15,768 tons prepared at Underkoffler Breaker - District 12														
918 tons prepared at Meadowbrook Breaker - District 12														
7,653 tons prepared at Legal Breaker - District 16														
(v) 6,931 tons prepared at Schneck Breaker - District 25														
7,195 tons prepared at Franklin Hydrotated Breaker - District 25														
(w) 19,310 tons prepared at Donaldson Breaker - District 25														
1,309 tons prepared at Penag Breaker - District 25														
2,165 tons shipped to P. & W. V. Ramp - District 12														
(x) 1,042 tons prepared at Indian Head Breaker - District 25														
20,779 tons prepared at Donaldson Breaker - District 25														
300 tons prepared at Schneck Breaker - District 25														
5,635 tons shipped to P. & W. V. Ramp - District 12														
1,515 tons prepared at Underkoffler Breaker - District 12														
510 tons prepared at Strohecker Breaker - District 12														
735 tons prepared at Black Heath Breaker - District 19														
10,040 tons prepared at Pine Ridge Breaker - District 27														
(y) 7,114 tons prepared at Indian Head Breaker - District 25														
2,331 tons prepared at Mammoth Breaker - District 27														
(z) 8,326 tons prepared at Donaldson Breaker - District 25														
44 tons prepared at Penag Breaker - District 25														
1,319 tons prepared at Schneck Breaker - District 25														
210 tons shipped to P. & W. V. Ramp - District 12														
(aa) 3,720 tons prepared at Underkoffler Breaker - District 12														
6,340 tons prepared at Maple Spring Breaker - District 21														
4,120 tons prepared at Penag Breaker - District 25														
360 tons prepared at Swatara Breaker - District 25														
3,720 tons prepared at Donaldson Breaker - District 25														
1,740 tons prepared at Kocher Breaker - District 25														
(bb) 21,138 tons prepared at Schneck Breaker - District 25														
932 tons prepared at Oakwood Breaker - District 25														

\*\*\*\*

**STRIP MINING  
PRODUCTION  
TABLE**

COMMONWEALTH OF PENNSYLVANIA  
ANTHRACITE STRIP MINE PRODUCTION

YEAR--1963

Company	County	Production	Employees
<u>DISTRICT 1</u>			
Belack, William	Lackawanna	476	4
C. & S. Excavating Co.	Lackawanna	2,730	10
Carbondale Coal Co.	Lackawanna	292,355	104
Halsey Contracting Cor.	Lackawanna	13,254	10
Hudson Realty Co., Inc.	Lackawanna	71,709	47
Kaminski Bros., Inc.	Lackawanna	4,836	6
Kuna Coal Co.	Lackawanna	352	1
Pasternak Bros.	Lackawanna	8,100	5
Slenska Coal Co.	Lackawanna	408	5
Turnpike Coal Co.	Lackawanna	5,327	5
District Total		399,547	197
<u>DISTRICT 3</u>			
Coalbrook Sales Co., Inc.	Lackawanna	409	4
Diamond Colliery Co.	Lackawanna	34,069	13
Kaminski Bros., Inc.	Lackawanna	12,678	6
Moffat Coal Co., Inc.	Lackawanna	90,185	37
District Total		137,341	60
<u>DISTRICT 11</u>			
Bliss Coal Co.	Sullivan	2,129	2
C. B. M. Coal Co.	Luzerne	-	3 *
Capone Coal Co.	Luzerne	53,450	22
E. & B. Coal Sales	Sullivan	3,609	3
Glen Alden Corporation	Luzerne	208,915	132
Heights Coal Co.	Luzerne	15,473	3
Hudson Realty Co., Inc.	Luzerne	124,329	96
K. P. T. Coal Co.	Luzerne	2,127	4
Lehigh Valley Anthracite, Inc.	Luzerne	691,579	157
Lombardi Coal Co.	Luzerne	1,372	4
Rosenn, Harold	Luzerne	1,900	4
Scranton Excavating Co.	Luzerne	56,122	15
Sullivan Trail Coal Co.	Luzerne	-	144 **
Susquehanna Coal Co.	Luzerne	69,633	56
District Total		1,230,638	645
<u>DISTRICT 12</u>			
Brosious & Troup Coal Co.	Dauphin	13,531	2
Shade, John A.	Dauphin	7,591	2
District Total		21,122	4
<u>DISTRICT 13</u>			
Glen Alden Corporation	Luzerne	234,724	77
R. A. Corporation	Luzerne	12,711	3
District Total		247,435	80
<u>DISTRICT 14</u>			
Glen Alden Corporation	Luzerne	142,397	46
District Total		142,397	46
<u>DISTRICT 15</u>			
Beaver Brook Coal Co., Inc.	Schuylkill	7,127	12
Gowen Coal Co.	Luzerne	36,513	35
Honeybrook Mines, Inc.	Schuylkill	388,369	160
Honeybrook Mines, Inc.	Luzerne	43,182	16
Huss, George	Luzerne	32,492	38
Jeddo-Highland Coal Co.	Luzerne	336,591	123
Kassa Coal Co.	Carbon	1,344	5
Lehigh Valley Anthracite, Inc.	Luzerne	162,315	137
Lehigh Valley Anthracite, Inc.	Carbon	294,842	129
Sandy Run Miners & Producers, Inc.	Luzerne	20,852	33
District Total		1,323,627	688
<u>DISTRICT 16</u>			
Legal Coal Co. #	Schuylkill	9,335	5
District Total		9,335	5

MALTBY LIBRARY  
SLIPPERY ROCK STATE COLLEGE

60076

Company	County	Production	Employees
<u>DISTRICT 17</u>			
Edgewood Contracting Co.	Northumberland	8,300	3
Glosek Bros. Coal Sales, Inc.	Northumberland	13,095	5
Minel, Inc.	Northumberland	39,361	11
Reading Anthracite Co.	Northumberland	102,586	35
Rosini Coal Co.	Northumberland	160,341	19
(Carbo Contractors, Inc., Cont.)			
District Total		323,683	73
<u>DISTRICT 18</u>			
Canfield Construction Co.	Schuylkill	10,089	5
Charbon Fuel Sales Co., Inc.	Schuylkill	2,566	6
Greenwood Stripping Corp.	Schuylkill	523,993	182
Greenwood Stripping Corp.	Carbon	282,035	104
Harbon Coal & Contracting Co.	Schuylkill	46,495	19
Krell Coal Co., Philip	Schuylkill	4,631	3
Schock, Norman C.	Schuylkill	19,987	18
District Total		889,796	337
<u>DISTRICT 19</u>			
Canfield Construction Co.	Schuylkill	5,447	5
Krell Coal Co., Philip	Schuylkill	65	2
Reading Anthracite Co.	Schuylkill	148,403	69
Ridge Stripping Co., Inc.	Schuylkill	16,073	7
Talbot Realty Co., Inc.	Schuylkill	16,954	6
District Total		186,942	89
<u>DISTRICT 20</u>			
Howells, T. S. & Olaf S. Stripping Co.	Northumberland	5,389	2
Jeddo-Highland Coal Co.	Columbia	14,944	36
(Raven Run Coal Co., Subsidiary) @			
P. & M. Coal Co.	Northumberland	9,643	7
Susquehanna Coal Co.	Columbia	27,246	25
Susquehanna Coal Co.	Northumberland	21,100	23
District Total		78,322	93
<u>DISTRICT 21</u>			
Blue Bell Enterprises	Schuylkill	1,164	3
Dando & Troup Coal Co.	Schuylkill	6,971	2
F. & W. Cinder Contracts	Schuylkill	3,845	8
Hauptly, J. & Hoke C.	Schuylkill	47,883	36
Hoffman, Howard	Schuylkill	18,357	17
Koris Co., Inc.	Schuylkill	39,024	17
M. & S. Coal Co.	Schuylkill	238	5
Marko Land Co.	Schuylkill	6,200	4
Reading Anthracite Co.	Schuylkill	236,623	74
Schuylkill Contracting Co.	Schuylkill	80,175	31
South River Coal Co., Inc.	Schuylkill	2,200	10
Tropp, L. & J.	Schuylkill	34,545	8
District Total		477,225	215
<u>DISTRICT 22</u>			
Buck Coal Co.	Columbia	8,951	5
Gilberton Coal Co.	Schuylkill	1,725	8
Jeddo-Highland Coal Co.	Columbia	29,564	11
K. & H. Excavating, Inc.	Columbia	27,171	16
K. H. P. Coal Co.	Columbia	410	5
K. & K. Coal Co.	Columbia	23,660	7
Kerrigan, Paul	Columbia	122	5
Lehigh Valley Anthracite, Inc.	Schuylkill	342,288	204
Sanchez Construction Co.	Columbia	57,455	27
District Total		491,346	288
<u>DISTRICT 23</u>			
C. & J. Coal Co.	Northumberland	6,224	8
Chervanik Associates	Northumberland	34,203	14
Pahira & Niel	Schuylkill	220	4
Reading Anthracite Co.	Northumberland	47,635	21
Savitski Bros.	Northumberland	3,373	5
District Total		91,655	52



Company	County	Production	Emploves
<u>DISTRICT 24</u>			
C. & J. Coal Co. (R.B.F. Contractors)	Northumberland	9,603	8
Edgewood Contracting Co.	Northumberland	165	3
Glosek Bros. Coal Sales	Northumberland	260	3
H. & B. Coal Co.	Northumberland	301	2
North Line Coal Co.	Northumberland	20,504	8
Pioneer Construction & Development Co.	Northumberland	16,916	8
District Total		47,749	32
<u>DISTRICT 25</u>			
Blue Bell Enterprises	Schuylkill	4,607	3
Gavalis Co., Joseph	Schuylkill	73,234	14
Indian Head Coal Co.	Schuylkill	47,700	60
Nagle, Inc., W. Joseph	Schuylkill	3,242	9
Shally Construction Co.	Schuylkill	11,454	5
District Total		140,237	91
<u>DISTRICT 26</u>			
Gilberton Coal Co.	Schuylkill	37,277	44
Huss, George	Schuylkill	1,758	7
Lehigh Valley Anthracite, Inc.	Schuylkill	7,877	37
Mores Mining Co., Inc.	Schuylkill	9,419	36
Reading Anthracite Co.	Schuylkill	119,963	92
District Total		176,294	216
<u>DISTRICT 27</u>			
Anthracite Fine Coals, Inc.	Schuylkill	3,136	4
Bain, Alfred	Schuylkill	2,116	4
Capparell Stripping & Construction Co.	Schuylkill	100,329	80
Gilberton Coal Co.	Schuylkill	244,152	124
Mammoth Coal Co.	Schuylkill	507,547	146
Reading Anthracite Co.	Schuylkill	122,647	35
Swatara Coal Co.	Schuylkill	6,417	8
District Total		986,344	401
<u>DISTRICT 28</u>			
Bridy, Incorporated	Northumberland	77	5
C. & S. Coal Co.	Northumberland	502	4
District Total		579	9
<u>DISTRICT 29</u>			
Bridy, Incorporated	Northumberland	26,412	21
C. & J. Coal Co.	Northumberland	13,839	9
Edgewood Contracting Co.	Northumberland	685	3
Folger & Chapleski	Northumberland	6,381	3
Thomas & Brother, Inc., W. H.	Northumberland	17,615	11
Unique Coal Co.	Northumberland	45,893	8
District Total		110,825	55
<u>DISTRICT 30</u>			
Talbot Realty Co., Inc.	Lebanon	40,556	10
District Total		40,556	10
Division Total		7,552,995	3,686

NOTE: \* Maintenance Men  
 \*\* Maintenance Shops  
 # Strip abandoned in September 1963.  
 © Ceased operations May 31, 1963

## REPORT OF OPERATIONS EMPLOYING FEWER THAN FIVE PERSONS

REPORT COVERING  
MINES EMPLOYING FEWER THAN FIVE PERSONS

1963

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 1</b>						
Beggin Coal Co. *	Lackawanna	242	35	3	-	-
Bell Mountain Coal Co.	Lackawanna	102	170	2	-	-
Do-Leb Coal Co. *	Lackawanna	181	30	2	-	-
Grzywacz Coal Co.	Lackawanna	1,271	220	3	-	-
Micklick Coal Co.	Lackawanna	714	192	2	-	-
S. & M. Coal Co.	Lackawanna	1,928	223	3	-	-
Sturgis Coal Co.	Lackawanna	137	210	2	-	-
Virby Coal Co.	Lackawanna	2,271	248	3	-	-
Wagner Coal Co.	Lackawanna	2,380	230	4	-	-
District Total		9,226	179	24	-	-

**DISTRICT 3**

No Production

**DISTRICT 11**

No Production

**DISTRICT 12**

A. & H. Coal Co.	Dauphin	5,500	275	4	-	-
A. & P. Coal Co.	Schuylkill	578	200	4	-	-
Atlas Coal Co.	Schuylkill	522	58	3	-	-
B. & E. Coal Co.	Dauphin	1,854	250	3	-	-
B. & M. Coal Co.	Dauphin	2,850	270	3	-	-
B. M. M. Coal Co.	Schuylkill	20	10	3	-	-
B. & P. Coal Co.	Schuylkill	2,000	156	3	-	-
Bloch Brothers Coal Co.	Dauphin	1,256	140	3	-	-
Blyler Coal Co., Glen	Dauphin	463	262	1	-	-
C. & R. Coal Co.	Dauphin	100	40	2	-	-
Gonder Coal Co.	Dauphin	1,108	158	3	-	-
H. & K. Coal Co.	Dauphin	194	120	2	-	-
H. L. D. Coal Co.	Dauphin	3,016	280	3	-	-
H. S. S. Coal Co.	Schuylkill	2,060	280	4	-	-
Hatter Brothers Coal Co.	Dauphin	1,807	155	2	-	-
Herb Coal Co.	Dauphin	3,966	240	3	-	-
J. & S. Coal Co.	Dauphin	313	60	3	-	-
K. & L. Coal Co.	Dauphin	438	77	3	-	-
K. W. K. Coal Co.	Dauphin	3,846	230	4	-	-
L. & K. Coal Co.	Dauphin	2,314	183	3	-	-
Lahr Coal Co.	Dauphin	1,650	165	2	-	-
Lucas & Sons Coal Co., Earl	Dauphin	1,000	365	3	-	-
M. & R. Coal Co.	Dauphin	90	14	2	-	-
Marchuk Coal Co.	Dauphin	429	168	2	-	-
Mauser Coal Co.	Dauphin	2,328	289	2	-	-
Morgan Coal Co., Herman	Schuylkill	2,043	267	2	-	-
Morgan Coal Co.						
No. 7 Vein Slope	Dauphin	640	120	4	-	-
No. 9½ Vein Slope	Dauphin	1,470	210	4	-	-
Total		2,110	4	-	-	-
N. N. K. Coal Co.	Schuylkill	617	104	3	-	-
P. & C. Coal Co.	Schuylkill	850	240	2	-	-
R. & D. Coal Co.	Schuylkill	1,600	200	3	-	1
R. K. W. Coal Co.	Dauphin	630	70	4	-	-
Rowe Coal Co.	Dauphin	926	156	2	-	-
Rowe & Marchuk Coal Co.	Dauphin	-	10	2	-	-
S. & R. Coal Co.	Dauphin	195	106	3	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 12 (Continued)</b>						
S. & S. Coal Co.	Dauphin	100	20	3	-	-
Salic Coal Co., Harry	Schuylkill	2,740	225	3	-	-
Sallada Coal Co.	Dauphin	300	60	2	-	-
Shomper Coal Co.	Schuylkill	7,857	237	4	-	-
Sitlinger & Tschopp Coal Co.	Dauphin	60	6	3	-	-
Smeltz Coal Co.	Dauphin	4,000	250	3	-	-
Snyder Coal Co.	Dauphin	350	150	3	-	-
Starnosky Coal Co., Eugene	Dauphin	125	30	2	-	-
Stroup Coal Co.	Dauphin	1,300	200	3	-	-
Trio Coal Co.	Schuylkill	2,000	156	3	-	-
Underkoffler Coal Co.	Schuylkill	1,960	260	3	-	-
Valley Construction Co.#2	Dauphin	10	10	3	-	-
Wolfe Coal Co.	Dauphin	144	60	2	-	-
Zerebo Coal Co.	Schuylkill	612	90	3	-	-
District Total		70,231	166	135	-	1

**DISTRICT 13**

No Production

**DISTRICT 14**

No Production

**DISTRICT 15**

Biskupics Coal Co.	Schuylkill	150	50	3	-	-
Fellin Coal Co.	Schuylkill	1,100	110	4	1	2
Genee Mining Co.	Luzerne	1,250	250	3	-	-
Harjay & Co., Joseph	Schuylkill	200	25	3	-	-
Kassa Coal Co.						
No. 2 Slope	Carbon	3,450	230	3	-	-
Wharton Slope	Carbon	100	40	3	-	-
Total		3,550	6	-	-	-
L. & D. Mining, Inc.	Luzerne	2,360	100	4	-	-
Marko Coal Co.	Schuylkill	1,004	62	4	-	-
McAdoo Coal Mining	Carbon	521	180	4	-	-
Merola Coal Co.	Luzerne	1,530	125	3	-	-
Miller & Co.	Schuylkill	10	10	2	-	-
Shadel Coal Co., Harry	Schuylkill	101	10	2	-	-
Shenandoah Coal Co.	Schuylkill	18	126	3	-	-
Whah, John	Luzerne	100	15	3	-	-
Wittig & Chucot						
Little Buck Slope	Schuylkill	18	20	2	-	-
No. 2 Slope	Schuylkill	91	45	2	-	-
No. 6 Slope	Schuylkill	12	12	2	-	-
Total		121	6	-	-	-
District Total		12,015	92	50	1	2

**DISTRICT 16**

Garber Coal Co.	Schuylkill	1,200	125	3	-	-
H. & F. Coal Co.	Schuylkill	-	122	2	-	-
Hoffman Coal Co.	Schuylkill	6,366	150	4	-	-
L. & L. Coal Co.	Schuylkill	699	125	3	-	-
L. O. B. Coal Co.	Schuylkill	6,735	296	4	-	-
Savidge Coal Co.	Schuylkill	-	80	2	-	-
District Total		15,000	163	18	-	-

**DISTRICT 17**

Ash Coal Co.	Northumberland	19	39	3	-	-
B. & E. Coal Co.	Northumberland	5,000	290	4	-	-
Banks Coal Co.	Northumberland	5,397	250	4	-	-
Bruno & Peifer Coal Co.	Northumberland	7,287	256	4	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 17 (Continued)</b>						
Bush Coal Co.	Northumberland	12	26	3	-	-
C. & M. Coal Co.	Northumberland	470	60	4	-	-
Capitol Coal Co.	Northumberland	4	65	2	-	-
Chestnut Coal Co.	Northumberland	3,000	120	4	-	-
No. 2 Slope	Northumberland	200	60	-	-	-
No. 3 Slope	Northumberland	200	50	-	-	-
No. 4 Slope	Northumberland	200	50	-	-	-
<b>Total</b>		<b>3,400</b>		<b>4</b>		
Echo Coal Co.	Northumberland	87	42	3	-	-
Fed Coal Co.	Northumberland	124	41	3	-	-
Gem Coal Co.	Northumberland	9,000	250	4	-	-
No. 1 Slope	Northumberland	9,196	250	4	-	-
No. 2 Slope	Northumberland	18,196		8	-	-
<b>Total</b>		<b>2,630</b>	<b>278</b>	<b>3</b>		
Gudelnas Coal Co.	Northumberland	833	196	4	-	-
Kent Coal Co.	Northumberland	300	90	4	-	-
L. & M. Coal Co.	Northumberland	-	-	-	-	-
Mace Coal Co.	Northumberland	2,967	291	3	-	-
No. 3 Slope	Northumberland	2,967		3	-	-
No. 4 Slope	Northumberland	7,075	253	4	-	-
<b>Total</b>		<b>4,944</b>	<b>296</b>	<b>4</b>		
Machesic & Crissinger	Northumberland	-	-	-	-	-
Marquette Coal Co.	Northumberland	-	-	-	-	-
Moore Coal Co.	Northumberland	5,022	265	4	-	-
No. 3 Slope	Northumberland	5,022		4	-	-
No. 4 Slope	Northumberland	3,370	177	4	-	-
<b>Total</b>		<b>4,542</b>	<b>260</b>	<b>3</b>		
N. & L. Coal Co.	Northumberland	4,960	216	4	-	-
North Side Coal Co.	Northumberland	35	125	3	-	-
Pine Tree Coal Co.	Northumberland	4,995		7	-	-
No. 2 Slope	Northumberland	4,995		7	-	-
No. 3 Slope	Northumberland	3,429	175	4	-	1
<b>Total</b>		<b>1,006</b>	<b>85</b>	<b>4</b>		<b>1</b>
Raczowski & Sons	Northumberland	1,050	91	3	-	-
No. 1 Slope	Northumberland	474	51	3	-	-
No. 2 Slope	Northumberland	6,000	250	4	-	-
<b>Total</b>		<b>787</b>	<b>138</b>	<b>4</b>		
Reed Mining Co.	Northumberland	1,000	100	4	-	-
Rex Coal Co.	Northumberland	100	50	-	-	-
Rocky Mountain Coal Co.	Northumberland	150	75	-	-	-
Springfield Coal Co.	Northumberland	1,250		4	-	-
No. 4 Slope	Northumberland	58	77	3	-	-
No. 5 Slope	Northumberland	50	75	3	-	-
No. 6 Slope	Northumberland	135	60	-	-	-
<b>Total</b>		<b>185</b>	<b>3</b>	<b>3</b>		
Swamp Coal Co.	Northumberland	6,500	260	4	-	-
Taglieri Coal Co.	Northumberland	100	30	2	-	-
No. 4 Slope	Northumberland	500	50	3	-	-
No. 5 Slope	Northumberland	185		3	-	-
<b>Total</b>		<b>6,500</b>	<b>260</b>	<b>4</b>		
Triple S Coal Co.	Northumberland	100	30	2	-	-
W. & W. Coal Co.	Northumberland	500	50	3	-	-
West End Coal Co.	Northumberland	500	50	3	-	-
<b>District Total</b>		<b>98,013</b>	<b>211</b>	<b>119</b>	<b>-</b>	<b>1</b>

**DISTRICT 18**

Blashock Coal Co.	Schuylkill	180	38	3	-	-
Broad Mountain Coal Co.	Schuylkill	1,600	182	4	-	-
Bushy Tract Coal Co.	Schuylkill	2,240	240	3	-	-
Butensky Coal Co.	Schuylkill	950	180	3	-	-
Orchard Slope	Schuylkill	1,020	85	4	-	-
Buck Slope	Schuylkill	1,020		2	-	-
Primrose Slope	Schuylkill	-	42	-	-	-
<b>Total</b>		<b>1,970</b>	<b>9</b>	<b>9</b>		
C. & J. Coal Co.	Schuylkill	400	150	2	-	-
Cooper Coal Co., Adam	Schuylkill	400	120	3	-	-
D. & D. Coal Co.	Schuylkill	925	185	4	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 18 (Continued)</b>						
D. & H. Coal Co.	Schuylkill	45	15	2	-	-
F. & W. Coal Co.	Schuylkill	15	12	2	-	-
Frye Brothers Coal Co.	Schuylkill	1,750	175	4	-	-
Gasgas Coal Co.	Schuylkill	2,600	130	4	-	-
Gorenty Coal Co.	Schuylkill	1,500	71	4	-	-
H. & F. Coal Co.	Schuylkill	160	93	2	-	-
K. & M. Coal Co.	Schuylkill	25	7	3	-	-
Lone Star Coal Co.	Schuylkill	350	144	4	-	-
Markosky & Ponzurick	Schuylkill	1,564	223	4	-	-
Niadna Coal Co., Frank	Schuylkill	1,479	120	4	-	1
Olesky Coal Co.	Schuylkill	3,104	215	4	-	-
Peck Coal Co.	Schuylkill	400	167	3	-	-
R. G. & C. Coal Co.	Schuylkill	2,000	197	4	-	-
Reiseg & Chappell Coal Co.	Schuylkill	665	76	4	-	-
Romanosky Coal Co.	Schuylkill	305	65	3	-	-
Romanosky Partnership	Schuylkill	65	27	3	-	-
S. & W. Coal Co.	Schuylkill	100	80	3	-	-
Skrupnek Coal Co.	Schuylkill	35	20	3	-	-
Smith Coal Co.	Schuylkill	322	26	4	-	-
Smith Coal Co.	Schuylkill	535	108	3	-	-
Smith Coal Co.	Schuylkill	188	97	2	-	-
Three Par Coal Co.	Schuylkill	220	75	3	-	-
Three Star Coal Co.	Schuylkill	450	150	4	-	-
Williams Partnership	Schuylkill	6,240	250	4	-	-
<b>District Total</b>		<b>31,832</b>	<b>121</b>	<b>108</b>	<b>-</b>	<b>1</b>

**DISTRICT 19**

A. & J. Coal Co.	Schuylkill	320	80	2	-	-
A. & Y. Partnership	Schuylkill	75	30	3	1	-
Andrews Partnership	Schuylkill	312	52	2	-	-
B. K. & T. Coal Co.	Schuylkill	180	45	2	-	-
B. & M. Coal Co.	Schuylkill	990	250	3	-	-
Bear Ridge Coal Co.	Schuylkill	600	165	2	-	-
Bernitsky & Stenulis Part.	Schuylkill	4,800	300	4	-	1
C. & F. Coal Co.	Schuylkill	752	180	2	-	-
C. & N. Coal Co.	Schuylkill	880	110	3	-	-
C. & V. Coal Co.	Schuylkill	240	90	2	-	-
Chukusky Coal Co.	Schuylkill	-	20	2	-	-
Cooper & Co.	Schuylkill	590	118	4	-	-
Cooper Partnership	Schuylkill	250	50	3	-	-
D. & G. Partnership	Schuylkill	400	100	2	-	-
Diamond Coal Co.	Schuylkill	150	50	2	-	-
Dudash Coal Co.	Schuylkill	300	61	3	-	-
Eagle Hill Coal Co.	Schuylkill	372	124	4	-	-
Eagle Hill Partnership	Schuylkill	100	25	2	-	-
Francis Coal Co.	Schuylkill	300	100	2	-	-
Furnival Partnership	Schuylkill	325	70	2	-	-
Gormas Coal Co.	Schuylkill	175	35	2	-	-
Gormas Bros. Coal Co.	Schuylkill	240	40	3	-	-
Halaburda Coal Co.	Schuylkill	2,225	260	3	-	-
Hill Coal Co.	Schuylkill	500	104	4	-	-
Holmes Coal Co.	Schuylkill	755	151	2	-	-
Horvath Partnership	Schuylkill	2,250	200	4	-	-
K. H. & E. Coal Co.	Schuylkill	250	50	3	-	-
K. & M. Coal Co.	Schuylkill	600	120	2	-	-
Keysock & Klinger Part.	Schuylkill	700	140	3	-	-
Klinger Coal Co.	Schuylkill	400	80	3	-	-
Kochmier Coal Co.	Schuylkill	420	105	3	-	-
Kochmier Partnership	Schuylkill	548	137	3	-	-
Kost Partnership	Schuylkill	250	50	2	-	-
M. & T. Partnership	Schuylkill	160	40	3	-	-
McElvaney Coal Co.	Schuylkill	1,190	170	3	-	-
Minarick Coal Co.	Schuylkill	300	100	2	-	-
N. & F. Partnership	Schuylkill	70	20	2	-	-
Ney Partnership	Schuylkill	760	152	2	-	-
Noyalas Coal Co.	Schuylkill	4,896	293	3	-	-
Orchard Coal Co.	Schuylkill	150	30	2	-	-
P. & D. Coal Co.	Schuylkill	675	135	4	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 19 (Continued)</b>						
P. H. & K. Partnership	Schuylkill	1,280	160	3	-	-
Partnership Coal Co.						
Primrose Slope	Schuylkill	270	45	4	-	-
Partnership Coal Co.						
Primrose Slope No. 2	Schuylkill	120	40	3	-	-
Peach Mountain Partnership	Schuylkill	580	144	3	-	-
Peck Coal Co.	Schuylkill	300	50	3	-	-
Port Coal Co.	Schuylkill	130	25	3	-	-
Pure Coal Co.	Schuylkill	40	10	2	-	-
R. & L. Partnership	Schuylkill	560	140	2	-	-
Renninger Partnership	Schuylkill	1,200	200	3	-	-
S. & D. Coal Co.	Schuylkill	12	2	2	-	-
S. & D. Partnership	Schuylkill	100	20	2	-	-
S. & G. Coal Co.	Schuylkill	1,920	180	4	-	-
S. K. & S. Partnership	Schuylkill	148	49	3	-	-
S. & S. Coal Co.	Schuylkill	320	80	3	-	-
Silver Creek Coal Co.	Schuylkill	25	8	2	-	-
Skrobak & Gall Partnership	Schuylkill	420	70	3	-	-
Swilp Bros. Coal Co.	Schuylkill	350	60	3	-	-
Swilp Partnership	Schuylkill	300	50	3	-	-
Three Par Coal Co.	Schuylkill	1,020	170	4	-	-
Tracy Coal Co.	Schuylkill	400	80	3	-	-
V. L. & P. Coal Co.	Schuylkill	1,500	190	3	-	-
Wade Coal Co.	Schuylkill	160	40	3	-	-
Yeneshosky Coal Co.						
Orchard Slope	Schuylkill	160	20	3	-	-
Top Split Slope	Schuylkill	1,100	190	3	-	-
		<u>1,260</u>		<u>6</u>		
Total						
District Total		41,865	104	179	1	1

**DISTRICT 20**

A. & T. Coal Co. *	Northumberland	2,004	178	3	-	-
A. T. & D. Coal Co.	Columbia	1,000	200	2	-	-
Adams Coal Co.	Northumberland	300	104	3	-	-
Amarose Bros. Coal Co.	Northumberland	1,450	290	4	-	-
B. & B. Coal Co.	Northumberland	4,750	190	4	-	-
B. & E. Coal Co.	Columbia	-	30	4	-	-
Bator Coal Co. *	Northumberland	565	158	2	-	1
Brown Coal Co. *	Northumberland	240	80	2	-	-
Burnrite Coal Co.	Columbia	550	30	4	-	-
C. & G. Coal Co.	Columbia	1,375	132	3	-	-
D. K. & M. Coal Co.	Northumberland	12,727	260	4	-	-
D. & N. Coal Co.	Northumberland	380	40	3	-	-
D. R. Z. Coal Co.	Northumberland	1,500	180	3	-	-
G. & M. Coal Co.	Columbia	880	120	3	-	-
Gerwyn Mining Co.	Columbia	4,957	300	4	-	1
H. & G. Coal Co.	Northumberland	750	70	3	-	-
H. & O. Coal Co. *	Northumberland	300	40	3	-	-
J. & C. Coal Co.	Northumberland	1,020	160	3	-	-
J. & C. Coal Co. *	Northumberland	300	90	3	-	-
J. J. J. Coal Co. *	Northumberland	1,328	250	3	-	-
K. & D. Coal Co. *	Northumberland	2,400	240	3	-	-
K. & G. Coal Co.	Northumberland	240	55	3	-	-
K. & L. Coal Co. *	Northumberland	-	20	2	-	-
K. & P. Coal Co. *	Northumberland	4,000	128	4	-	-
K. & P. Coal Co. *	Columbia	1,200	60	4	-	-
Koschoff Coal Co.	Northumberland	2,400	75	3	-	-
Kovach Coal Co. *	Northumberland	6,166	168	3	-	-
L. & B. Coal Co. *	Northumberland	450	200	2	-	-
L. & E. Coal Co.	Northumberland	70	15	2	-	-
L. & E. Coal Co.	Northumberland	1,500	205	2	-	-
L. & Z. Coal Co. *	Northumberland	200	40	3	-	-
M. & H. Coal Co. *	Northumberland	96	65	3	-	-
M. & M. Coal Co. *	Columbia	20	20	2	-	-
M. O. O. Coal Co.	Northumberland	30	40	3	-	-
Mekosh Coal Co. *	Columbia	215	240	3	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 20 (Continued)</b>						
N. & M. Coal Co.	Northumberland	2,035	230	3	-	-
O. & M. Coal Co.	Northumberland	3,466	240	4	-	-
Palmer Coal Co.	Northumberland	3,405	200	3	1	-
Polcovich Coal Co.	Columbia	3,400	170	3	-	-
Poponiak Bros. Coal Co.	Northumberland	1,800	200	4	-	-
Primrose Coal Co.	Northumberland	840	180	3	-	-
R. & L. Coal Co.	Columbia	967	96	4	-	-
Raker Coal Co.	Columbia	3,309	106	4	-	-
Sejuit & Wisneskie Coal Co.	Northumberland	1,536	223	2	-	-
Shoffler Coal Co.	Northumberland	2,100	210	4	-	-
T. & J. Coal Co.	Northumberland	220	60	3	-	-
"THE" Coal Co.	Northumberland	949	144	4	-	-
Y. & F. Coal Co.	Northumberland	2,242	200	3	-	-
Yasenchak & Co.	Northumberland	125	50	2	-	-
Zlocki Coal Co.	Northumberland	1,350	185	4	-	-
District Total		83,107	144	155	1	2

**DISTRICT 21**

A. & B. Coal Co.	Schuylkill	1,472	164	3	-	-
Adams Coal Co.	Schuylkill	140	57	3	-	-
Ashland Coal Co.	Schuylkill	600	120	3	-	-
B. H. & L. Partnership	Schuylkill	784	200	4	-	-
B. Z. & D. Coal Co.	Schuylkill	2,500	160	4	-	-
Batz Coal Co.	Schuylkill	83	20	3	-	-
Bloch Coal Co.	Schuylkill	576	90	4	-	-
Buck Mountain Coal Co.	Schuylkill	630	180	3	-	3
C. F. & P. Coal Co.	Schuylkill	450	110	3	-	-
C. & K. Coal Co.	Schuylkill	550	105	3	-	-
C. & Y. Coal Co.	Schuylkill	36	8	3	-	-
Cherkis Partnership	Schuylkill	2,700	260	3	-	-
D. & K. Coal Co.	Schuylkill	260	56	3	-	-
D. & P. Coal Co.	Schuylkill	3,000	250	3	-	-
Diamond Coal Co.	Schuylkill	1,244	112	3	-	-
E. B. & K. Coal Co.	Schuylkill	600	92	3	-	-
F. K. & R. Coal Co.	Schuylkill	60	30	3	-	-
F. & W. Coal Co.	Schuylkill	1,715	148	3	-	-
G. & B. Coal Co.	Schuylkill	140	40	2	-	-
G. F. & R. Coal Co.	Schuylkill	108	18	3	-	-
G. & K. Coal Co.	Schuylkill	234	64	3	-	-
Gordon Mountain Coal Co.	Schuylkill	1,625	130	2	-	-
H. & L. Coal Co.	Schuylkill	40	20	3	-	-
Harvey Coal Co.	Schuylkill	231	90	4	-	-
K. G. & P. Coal Co.	Schuylkill	1,050	105	3	-	-
K. & M. Coal Co.	Schuylkill	2,880	240	4	-	-
Karbar Coal Co.	Schuylkill	600	200	3	-	-
Kopentz Coal Co.						
Kopentz Slope	Schuylkill	650	120	4	-	-
No. 3 Slope	Schuylkill	600	130	4	-	-
Total		<u>1,250</u>	<u>8</u>			
Kulp Coal Co., Paul	Schuylkill	110	60	4	-	-
M. & P. Coal Co.	Schuylkill	91	78	3	-	-
Matusky Coal Co.	Schuylkill	3,750	250	3	-	-
Matz Coal Co.	Schuylkill	650	161	3	-	-
Minchoff & Weikel Coal Co.	Schuylkill	31	8	3	-	-
Neumeister Coal Co.	Schuylkill	225	45	4	-	-
Neumeister & Son Coal Co.	Schuylkill	616	95	2	-	-
Olenick Coal Co.	Schuylkill	3,287	242	3	-	-
P. & P. Coal Co.	Schuylkill	324	65	2	-	-
Reichwein & Beury Coal Co.	Schuylkill	300	50	3	-	-
Rickert Brothers Coal Co.	Schuylkill	2,000	185	3	-	-
Runn Coal Co.	Schuylkill	520	55	3	-	-
S. & B. Coal Co.	Schuylkill	250	50	3	-	-
Seenawaitis Bros. Coal Co.	Schuylkill	16,400	275	4	-	-
Selkirk Coal Co.	Schuylkill	102	18	3	-	-
Siminitus Coal Co.	Schuylkill	1,647	168	4	-	-
Sorokach Coal Co.	Schuylkill	765	150	3	-	-
Starinsky & Leonas Part.	Schuylkill	100	80	2	-	-
Studlack Partnership	Schuylkill	740	200	3	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 21 (Continued)</b>						
Tomalavage Coal Co.	Schuylkill	120	55	2	-	-
Waniski Coal Co.	Schuylkill	3,072	192	4	-	-
Z. & M. Coal Co.	Schuylkill	300	120	2	-	-
Zukowski Coal Co.	Schuylkill	122	30	2	-	-
Little Diamond Slope	Schuylkill	48	15	2	-	-
Peach Mountain Slope	Schuylkill	170		4	-	-
Total						
District Total		61,128	118	162	-	3

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 22</b>						
A. & S. Coal Co.	Columbia	850	81	3	-	-
Abrasonis Coal Co.	Columbia	2,182	260	3	-	-
American Coal Co.	Columbia	428	120	2	-	-
B. & D. Coal Co.	Columbia	242	42	3	-	-
B. & D. Coal Co.	Columbia	866	80	4	-	-
B. & E. Coal Co.	Columbia	1,100	180	4	-	-
B. & J. Coal Co.	Columbia	288	90	3	-	-
C. & G. Coal Co.	Schuylkill	71	15	3	-	-
Charnick Coal Co.	Schuylkill	5,154	209	4	-	1
D. F. & U. Coal Co.	Schuylkill	200	40	3	-	-
D. & H. Coal Co.	Columbia	1,280	160	4	-	-
D. & K. Coal Co.	Columbia	320	40	4	-	-
Dyszal Coal Co.	Schuylkill	307	53	3	-	-
Dyszal Coal Co.	Schuylkill	3,100	290	3	-	-
Dyszal Coal Co.	Schuylkill	1,300	120	3	-	-
F. & S. Coal Co.	Columbia	900	90	3	-	-
G. F. B. & G. Coal Co.	Columbia	50	10	4	-	-
G. D. & S. Coal Co.	Columbia	2,355	181	4	-	-
Gaughan Coal Co.	Columbia	2,760	276	4	-	-
H. & W. Coal Co.	Columbia	965	150	3	-	-
J. & D. Coal Co.	Schuylkill	950	150	4	-	-
Low Ash Coal Co.	Columbia	980	256	3	-	-
M. K. & Z. Coal Co.	Columbia	2,500	140	4	-	-
M. Q. & U. Coal Co.	Columbia	70	49	4	-	-
Miller Coal Co.	Columbia	2,004	236	4	-	-
Mince Coal Co.	Schuylkill	450	150	3	-	-
R. & P. Mining Co.	Columbia	1,755	117	4	-	-
R. & W. Coal Co.	Columbia	600	200	4	-	-
Red Coal Co.	Schuylkill	145	30	3	-	-
S. A. S. Coal Co.	Columbia	360	59	3	-	-
S. & K. Coal Co.	Columbia	2,975	185	4	-	-
Schlader & Reichwein	Columbia	595	100	3	-	-
Smith Coal Co.	Columbia	10	4	3	-	-
Urban Bros. Coal Co.	Schuylkill	50	20	3	-	-
Vinskie Coal Co.	Schuylkill	75	65	2	-	-
Vinskie & Hendricks Coal Co.	Schuylkill	14	20	2	-	-
White Coal Co.	Columbia	400	60	4	-	-
Y. & Y. Coal Co.	Columbia	-	15	2	-	-
Zukus Coal Co., Charles	Columbia	250	50	3	-	-
District Total		38,901	118	129	-	1

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 23</b>						
A. & K. Coal Co.	Northumberland	60	25	3	-	-
A. & T. Coal Co.	Northumberland	398	50	3	-	-
B. & B. Coal Co.	Northumberland	1,389	100	4	-	-
B. & D. Coal Co.	Northumberland	950	240	2	-	-
B. N. & S. Coal Co.	Northumberland	1,404	180	3	-	1
C. & D. Coal Co.	Northumberland	240	40	2	-	-
C. & M. Coal Co.	Northumberland	1,413	249	3	-	-
Clayberger & Co.	Northumberland	400	80	3	-	-
Doyle, Cletus	Northumberland	40	60	2	-	-
Else, Charles	Northumberland	1,468	165	3	-	-
Gryskiewicz, Fred	Northumberland	1,639	100	3	-	-
H. & H. Coal Co.	Northumberland	20	30	2	-	-
H. K. & H. Coal Co.	Northumberland	1,700	218	3	-	-
J. B. Coal Co.	Northumberland	700	120	2	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 23 (Continued)</b>						
K. & L. Coal Co.	Northumberland	200	48	4	-	-
K. & K. Coal Co.	Northumberland	2,122	296	3	-	-
K. & S. Coal Co.	Northumberland	-	175	3	-	-
Kopitsky Brothers	Northumberland	420	210	3	-	-
Kozar Coal Co.	Northumberland	260	250	3	-	-
Little Coal Co.	Northumberland	1,800	250	3	-	-
Lone Pine Coal Co.	Northumberland	4,280	270	3	-	-
Maple Coal Co.	Northumberland	30	20	3	-	-
Mayton Brothers	Northumberland	2,800	280	4	-	-
Olsenevich & Mausley	Northumberland	750	75	3	-	-
Olbrish Brothers	Northumberland	620	120	3	-	-
P. & R. Coal Co.	Northumberland	2,470	247	4	-	-
Perles, John	Northumberland	350	32	4	-	-
Petro Coal Co.	Northumberland	250	70	2	-	-
R. O. & Y. Coal Co.	Northumberland	-	60	3	-	-
Ramph, Melvin	Northumberland	2,400	200	3	-	1
Redd, Joseph	Northumberland	-	-	-	-	-
No. 4 Vein Slope	Northumberland	2,000	208	3	-	-
No. 10 Vein Slope	Northumberland	150	30	2	-	-
Total		2,150	5	-	-	-
Sanders Coal Co.	Northumberland	2,540	278	4	-	-
White & Selk	Northumberland	120	150	2	-	-
Wilk Coal Co.	Northumberland	1,700	140	3	-	-
Witkoski Coal Co.	Northumberland	2,410	260	4	-	-
Wolfgang, Paul	Schuylkill	1,800	180	3	-	-
Yanik Brothers	Northumberland	2,800	280	4	-	-
Zigarski Coal Co.	Northumberland	-	-	-	-	-
Buck Mountain Vein Slope	Northumberland	800	200	2	-	-
No. 10 Vein Slope	Northumberland	60	30	2	-	-
Total		860	4	-	-	-
District Total		44,953	158	118	-	2

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 24</b>						
A. F. M. Coal Co.	Northumberland	2,200	220	4	-	-
Boslego Coal Co.	Northumberland	45	6	4	-	-
Carl Coal Co.	Northumberland	2,460	180	4	-	-
Czech Brothers Coal Co.	Northumberland	2,480	208	4	-	-
D. & D. Coal Co.	Northumberland	50	30	3	-	-
Dean Coal Co.	Northumberland	2,224	190	4	-	-
Dreibelbies Mining Co.	Northumberland	1,250	200	4	-	-
Dugan Coal Co.	Northumberland	5,141	252	4	-	-
R. & S. Coal Co.	Northumberland	20	20	2	-	-
Eldy Coal Co.	Northumberland	4,020	208	4	-	-
Flame Coal Co.	Northumberland	2,085	200	3	-	-
Four Partners Coal Co.	Northumberland	4,945	265	4	-	-
Grego & Deitz Coal Co.	Northumberland	3,300	275	4	-	1
Gripp Coal Co.	Northumberland	5,678	243	4	-	-
Jeremiah Partnership	Northumberland	810	110	3	-	-
K. G. & L. Mining Co.	Northumberland	1,840	218	3	-	-
K. & L. Coal Co.	Northumberland	300	52	3	-	-
K. & Z. Coal Co.	Northumberland	280	70	3	-	-
Kerstetter & Weikel	Northumberland	910	77	4	-	-
Kilo Brothers Coal Co.	Northumberland	530	170	2	-	-
L. & G. Coal Co.	Northumberland	520	150	3	-	-
L. & Z. Coal Co.	Northumberland	3,610	180	4	-	-
Linda Mining Co.	Northumberland	310	230	3	-	-
Morata Coal Co.	Northumberland	3,970	190	4	-	-
P. & S. Coal Co.	Northumberland	960	160	2	-	-
P. & T. Coal Co.	Northumberland	1,000	200	2	-	-
R. & P. Coal Co.	Northumberland	4,320	240	4	-	-
Radziewicz Brothers	Northumberland	1,512	248	3	-	-
Reidinger Coal Mining Co.	Northumberland	-	-	-	-	-
No. 8 Vein Slope	Northumberland	620	60	4	-	-
No. 8 Vein Bot. Slope	Northumberland	124	56	3	-	-
Total		744	7	-	-	-
Shumock Co., George	Northumberland	-	15	2	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 24 (Continued)</b>						
Thin Vein Coal Co.	Northumberland	336	48		-	-
No. 1 Slope	Northumberland	1,008	144	3	-	-
No. 2 Slope	Northumberland	1,344		3	-	-
Total		430	86	4	-	-
Valley Coal Co.	Northumberland	2,720	140	4	-	-
Wallick Brothers Coal Co.	Northumberland	498	67	2	-	-
Worhacz & Appel Co.	Northumberland				-	-
District Total		62,506	166	117	-	1

<b>DISTRICT 25</b>						
Batz Coal Co.	Schuylkill	-	7	3	-	-
Dombrosky Co., Albert	Schuylkill	972	175	3	-	-
Falls Coal Co.	Schuylkill	1,563	245	3	-	-
Fasnacht Coal Co.	Schuylkill	3,825	254	3	-	-
Faust Coal Co., Charles	Schuylkill	8,880	296	4	-	-
No. 1 Slope	Schuylkill	168	42	3	-	-
No. 2 Slope	Schuylkill	9,048		7	-	-
Total		142	34	2	-	-
Fay-Mar Coal Co.	Schuylkill	116	32	2	-	-
Fegley Coal Co., Ernest	Schuylkill	9,330	311	4	-	-
Haldeman Coal Co.	Schuylkill	60	20	3	-	-
Herring-Smith-Frew Coal Co.	Schuylkill	1,750	200	3	-	-
Huth Coal Co.	Schuylkill				-	-
Klinger Coal Co.	Schuylkill	2,148	164	4	-	1
Peach Mountain Slope	Schuylkill	250	38	2	-	-
Tracy Slope	Schuylkill	2,398		6	-	1
Total		3,210	165	4	-	-
Knorr & Geist	Schuylkill	1,690	88	4	-	-
Knorr Coal Co., Leroy	Schuylkill	312	46	2	-	-
Koons & Reber Coal Co.	Schuylkill	1,068	82	3	-	-
Koperna Co., Frank	Schuylkill	4,354	241	4	-	-
Koperna Coal Co.	Schuylkill	6,692	282	4	-	-
M. W. S. Coal Co.	Schuylkill	4,620	125	4	-	-
Mervine & Sabatine Coal Co.	Schuylkill	514	74	3	-	-
Minnichbach Coal Co.	Schuylkill	2,704	250	3	-	-
Mountain Top Coal Co.	Schuylkill	2,270	218	3	-	-
Ray Coal Co.	Schuylkill	6,270	260	4	-	-
S. & F. Coal Co.	Schuylkill	4,780	250	4	-	-
S. S. & M. Coal Co.	Schuylkill	4,210	250	3	-	-
Sharp Mountain Coal Co.	Schuylkill	6,736	260	4	-	-
Viola Coal Co., Victor	Schuylkill	840	130	1	-	-
Wehrauch's, Frank	Schuylkill				-	-
District Total		79,474	172	89	-	1

<b>DISTRICT 26</b>						
Asciotti Coal Co.	Schuylkill	450	90	4	-	-
B. & G. Coal Co.	Schuylkill	560	100	3	-	-
B. & H. Coal Co.	Schuylkill	100	50	3	-	-
B. & N. Coal Co.	Schuylkill	1,100	210	3	-	-
Biskupics & Co.	Schuylkill	750	140	3	-	-
Bologa & Co.	Schuylkill	750	150	3	-	-
Boner & Webb Coal Co.	Schuylkill	50	30	3	-	-
Brinsko Coal Co.	Schuylkill	100	20	3	-	-
Brokenshire & Co.	Schuylkill	2,786	292	4	-	-
Chuppasko & Semanco	Schuylkill	300	110	2	-	-
D. & S. Coal Co.	Schuylkill	3,185	210	4	-	-
Fegley Bros. Coal Co.	Schuylkill	50	50	4	-	-
Forgotsch Bros.	Schuylkill	2,369	304	4	-	-
H. & M. Coal Co.	Schuylkill	2,669	250	4	-	-
JEB Coal Co.	Schuylkill	600	150	3	-	-
K. & K. Coal Co.	Schuylkill	100	60	3	-	-
Kluchinsky & Co.	Schuylkill	50	30	2	-	-
Lazo Coal Co.	Schuylkill	800	160	3	-	-
Matrishin & Co.	Schuylkill	1,096	266	3	-	-
Mockinick & Co.	Schuylkill	100	50	3	-	-
Moran & Co.	Schuylkill	1,731	214	3	-	-
Olman & Co.	Schuylkill	677	246	3	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 28 (Continued)</b>						
K. W. & J. Coal Co.	Northumberland	5,422	220	4	-	-
Kerstetter Coal Co.	Northumberland	3,360	192	4	-	-
Kulpmont Coal Co.	Northumberland	13,109	251	4	-	-
L. & L. Coal Co.	Northumberland	2,253	119	3	-	-
L. & S. Coal Co.	Northumberland	1,500	185	4	-	-
Lotus Coal Co.	Northumberland	3,770	275	3	-	-
M. G. & S. Coal Co.	Northumberland	6,010	259	4	-	-
Mattis Coal Co.	Northumberland	7,203	251	4	-	-
Maurer Mine, Paul	Northumberland	11,742	232	4	-	-
Maurer Mine, Raymond	Northumberland	9,000	292	4	-	1
R. & Z. Coal Co.	Northumberland	237	76	3	-	-
Royal Mining Co.	Northumberland	-	10	2	-	-
S. & M. Coal Co.	Northumberland	3,750	250	4	-	-
South Mountain Coal Co.	Northumberland	7,400	295	4	-	-
Stellar Brothers Coal Co.	Northumberland	5,136	210	4	-	-
No. 1 Slope	Northumberland	1,700	125	4	-	-
No. 2 Slope	Northumberland	6,836		8	-	-
Total		4,000	200	4	-	-
Sun Coal Co.	Northumberland	2,160	231	4	-	-
Twin Oaks Coal Co.	Northumberland	6,000	250	4	-	-
W. & S. Coal Co.	Northumberland				-	-
District Total		168,955	213	127	-	1

<b>DISTRICT 29</b>						
A. B. Coal Mine	Northumberland	1,894	125	3	-	-
A. & W. Coal Co.	Northumberland	2,450	260	3	-	-
B. & B. Coal Co.	Northumberland	4,596	100	4	-	-
B. K. P. Coal Co.	Northumberland	3,208	299	4	-	-
B. & O. Coal Co.	Northumberland	304	70	2	-	-
B. & L. Coal Co.	Northumberland	1,796	263	3	-	-
Blue Coal Co.	Northumberland	2,986	178	3	-	-
Boots Coal Co.	Northumberland	290	80	2	-	-
Boscolovich Coal Co.	Northumberland	2,876	150	3	-	-
Bridy Coal Slope	Northumberland	4,684	200	4	-	1
C. & S. Coal Co.	Northumberland	399	63	3	-	-
Char-Will Coal Co.	Northumberland	2,922	200	3	-	-
Corcoran & Yuhas Coal Co.	Northumberland	1,550	196	3	-	-
D. & D. Coal Co.	Northumberland	424	19	3	-	-
D. & T. Coal Co.	Northumberland	1,295	183	2	-	-
D. D. Z. Coal Co.	Northumberland	1,890	225	3	-	-
Derck & Wagner Coal Co.	Northumberland	114	29	2	-	-
Eureka Coal Co.	Northumberland	2,500	200	3	-	-
Garfield Coal Co.	Northumberland	540	87	2	-	-
Goat Hill Coal Co.	Northumberland	139	32	2	-	-
H. & S. Coal Co.	Northumberland	1,890	270	2	-	-
J. & K. Coal Co.	Northumberland	2,888	280	3	-	-
Joe Coal Co.	Northumberland	590	90	3	-	-
K. & G. Coal Co.	Northumberland	3,972	296	4	-	1
K. H. K. Coal Co.	Northumberland	3,817	311	3	-	-
K. & Z. Coal Co.	Northumberland	3,692	284	3	-	-
Kaleta Coal Co.	Northumberland	4,800	220	4	-	-
L. & M. Coal Co.	Northumberland	2,668	240	3	-	-
Lashendock & Glowaski	Northumberland	2,693	190	3	-	-
Long & Long Coal Co.	Northumberland	924	83	3	-	-
M. & Y. Coal Co.	Northumberland	744	109	2	-	-
Mattis Coal Co.	Northumberland	1,710	91	3	-	-
McBab Coal Co.	Northumberland	3,280	245	2	-	-
Miller Coal Co.	Northumberland	2,918	253	3	-	-
Moroz Coal Co.	Northumberland	350	60	2	-	-
Motto Coal Co.	Northumberland	2,890	286	2	-	-
Nahodil Coal Co.	Northumberland	114	19	2	-	-
Nat Coal Co.	Northumberland	70	20	3	-	-
O. & B. Coal Co.	Northumberland	195	45	2	-	-
P. S. V. Coal Co.	Northumberland	2,518	126	4	-	-
Petrovich Coal Co.	Northumberland	2,680	240	3	-	-
Pisarz Coal Co.	Northumberland	86	42	2	-	-
Plymouth Coal Co.	Northumberland	491	95	2	-	-
Primrose Coal Co.	Northumberland	956	154	2	-	-
R. K. D. Coal Co.	Northumberland	38	24	3	-	-

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 26 (Continued)</b>						
S. & S. Coal Co.	Schuylkill	2,190	220	4	-	-
S. S. & Z. Coal Co.	Schuylkill	300	60	3	-	-
Sabol & Co.	Schuylkill	147	60	3	-	-
Sabol & Co.	Schuylkill	360	90	3	-	-
Simoos & Co.						
Buck Mountain Slope	Schuylkill	200	22	3	-	-
Skidmore Slope	Schuylkill	293	43	3	-	-
<b>Total</b>		<b>493</b>		<b>6</b>		
Sluck Coal Co.	Schuylkill	400	50	4	-	-
Smith Coal Co.	Schuylkill	600	150	3	-	-
Soucheck & Co.	Schuylkill	700	150	3	-	-
Styka Coal Co.	Schuylkill	1,446	210	3	-	-
Taris & Co.	Schuylkill	40	60	3	-	-
Wedleigh Coal Co.	Schuylkill	3,686	240	4	-	-
Walters Coal Co.	Schuylkill	692	60	4	-	1
Whytko Coal Co.	Schuylkill	475	120	4	-	-
<b>District Total</b>		<b>31,902</b>	<b>136</b>	<b>117</b>	<b>-</b>	<b>1</b>

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 27</b>						
A. & M. Coal Co.	Schuylkill	720	102	3	-	-
B. & M. Coal Co.	Schuylkill	1,050	70	4	-	-
Beaver Coal Co.	Schuylkill	860	110	4	-	-
Bolich Coal Co.	Schuylkill	1,240	120	3	-	-
Colket Coal Co.	Schuylkill	6,000	300	4	-	-
Crossroads Coal Co.	Schuylkill	-	81	3	-	-
Debinski Coal Co.	Schuylkill	1,272	189	3	-	-
Fay-Mar Coal Co.	Schuylkill	357	84	3	-	-
Fetterolf Coal Co.	Schuylkill	3,100	168	4	-	1
G. & T. Coal Co.	Schuylkill	3,800	200	4	-	-
H. & M. Coal Co.	Schuylkill	3,658	287	3	-	-
H. & S. Coal Co.	Schuylkill	7,600	273	4	-	-
Haas Coal Co.	Schuylkill	1,175	105	4	-	-
K. & S. Coal Co.	Schuylkill	2,202	240	4	-	-
Klinger Coal Co.	Schuylkill	4,480	271	3	-	-
Knorr Coal Co.	Schuylkill	2,800	140	3	-	-
Koperna Coal Co.	Schuylkill	4,500	250	3	-	-
Makarczyk Coal Co.	Schuylkill	2,060	206	4	-	-
Mataka Coal Co.	Schuylkill	860	103	4	-	-
Mickey Coal Co.	Schuylkill	2,052	216	4	-	1
S. & M. Coal Co.	Schuylkill	3,200	180	4	-	-
Tokarchek Coal Co.	Schuylkill	725	280	3	-	1
Watcher Coal Co.	Schuylkill	2,000	246	3	-	-
<b>District Total</b>		<b>55,711</b>	<b>183</b>	<b>81</b>	<b>-</b>	<b>3</b>

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 28</b>						
A. F. & M. Coal Co.	Northumberland	116	14	3	-	-
Adams Coal Co.						
No. 1 Slope	Northumberland	760	30	4	-	-
No. 3 Slope	Northumberland	150	75	4	-	-
<b>Total</b>		<b>910</b>		<b>4</b>		
B. & B. Coal Co.	Northumberland	12,500	260	4	-	-
B. & C. Coal Co.	Northumberland	2,015	241	3	-	-
Beil Coal Co.	Northumberland	4,636	240	3	-	-
C. & M. Coal Co.	Northumberland	4,132	265	4	-	-
Collier Coal Co.	Northumberland	111	93	3	-	-
D. & J. Coal Co.	Northumberland	7,814	261	4	-	-
Dallabrida Coal Co.	Northumberland	6,950	211	4	-	-
E. & I. Coal Co.	Northumberland	3,920	100	4	-	-
Fetterolf Coal Co.	Northumberland	8,762	287	4	-	-
Fours Coal Co.	Northumberland	4,500	240	4	-	-
Garcia Coal Co.	Northumberland	10,205	300	4	-	-
Gusick Coal Co.	Northumberland	4,036	230	4	-	-
Harry's Coal Co.						
No. 2 Slope	Northumberland	3,677	189	4	-	-
No. 3 Slope	Northumberland	919	47	4	-	-
<b>Total</b>		<b>4,596</b>		<b>4</b>		

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 29 (Continued)</b>						
Rocky Side Coal Co.	Northumberland	3,830	220	3	-	-
Royal Coal Co.	Northumberland	1,240	140	3	-	-
Royal Oak Coal Co.	Northumberland	490	79	2	-	-
S. & H. Coal Co.	Northumberland	3,500	260	3	-	-
S. & S. Coal Co.	Northumberland	2,039	202	3	-	-
Shady Side No. 1 Coal Co.	Northumberland	3,818	216	3	-	-
Shady Side No. 2 Coal Co.	Northumberland	342	96	2	-	-
Shurock Coal Co.	Northumberland	2,620	180	3	-	-
Soroka & Merena Coal Co.	Northumberland	1,800	250	2	-	-
Stag Coal Co.	Northumberland	2,190	186	3	-	-
Star Coal Co.	Northumberland	2,518	127	3	-	-
T. & W. Coal Co.	Northumberland	820	84	3	-	-
Trevorton Coal Co.	Northumberland	4,054	265	3	-	-
W. B. W. Coal Co.	Northumberland	1,667	190	3	-	-
W. W. H. Coal Co.	Northumberland	950	133	3	-	-
W. & W. Coal Co.	Northumberland	946	132	3	-	-
Warren Coal Co.	Northumberland	600	100	3	-	-
West Point Coal Co.	Northumberland	2,624	260	3	-	-
Yankoski & Koshinski	Northumberland	311	49	2	-	-
Yuhas Coal Co.	Northumberland	807	129	3	-	-
Zarick Coal Co.	Northumberland	318	76	2	-	-
<b>District Total</b>		<b>121,315</b>	<b>164</b>	<b>183</b>	<b>-</b>	<b>2</b>

Company	County	Production	Days Worked	Employees	Fatal Accidents	Non-fatal Accidents
<b>DISTRICT 30</b>						
Anspach & Umbenhauer Coal Co.						
L.V. No. 2 Vein Slope #1	Schuylkill	75	60	-	-	-
L.V. No. 2 Vein Slope #2	Schuylkill	165	65	2	-	-
<b>Total</b>		<b>240</b>		<b>2</b>		
B. & C. Coal Co.	Schuylkill	5,552	295	3	-	-
B. & K. Coal Co.						
L.V. No. 2 Vein Slope #1	Schuylkill	-	** 8	-	-	-
L.V. No. 2 Vein Slope #2	Schuylkill	500	78	3	-	-
<b>Total</b>		<b>500</b>		<b>3</b>		
B. R. T. Coal Co.	Schuylkill	2,700	225	4	-	-
Bonawitz Coal Co., Daniel	Schuylkill	3,150	209	3	-	-
East Kalmia Coal Co.	Schuylkill	80	78	2	-	-
Etzweiler Coal Co.	Schuylkill	6,253	265	3	-	-
Herring & Reichert Coal Co.	Schuylkill	1,691	250	3	-	-
J. & S. Coal Co.	Schuylkill	1,440	189	3	-	-
K. B. M. K. Coal Co.	Schuylkill	954	200	4	-	-
K. & N. Coal Co.	Schuylkill	6,480	270	3	-	-
Keffers Coal Co.	Schuylkill	165	142	3	-	-
Kintzel Brothers Coal Co.	Schuylkill	3,859	265	4	-	-
Kulp Coal Co., Paul	Schuylkill	324	80	3	-	-
Kulp Coal Co.	Schuylkill	235	60	3	-	-
Lehman Coal Co.	Schuylkill	1,920	292	4	-	-
M. B. G. Coal Co.	Schuylkill	3,900	260	3	-	-
Madenford Coal Co.	Schuylkill	2,453	154	4	-	-
Renninger & Thompson Coal	Schuylkill	1,167	150	3	-	-
Sallada Coal Co.	Schuylkill	2,150	145	4	-	-
Stump Coal Co., F. B.	Schuylkill	1,803	245	3	-	-
<b>District Total</b>		<b>47,016</b>	<b>196</b>	<b>67</b>	<b>-</b>	<b>-</b>
<b>Division Total</b>		<b>1,073,150</b>	<b>153</b>	<b>1,978</b>	<b>3</b>	<b>23</b>

NOTE: \* Mines finished.  
# Trial slope - no production.  
\*\* Retimbering Slope

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF MINES AND MINERAL INDUSTRIES  
ANTHRACITE DIVISION

EXECUTIVE OFFICE

			Area Code		
H. B. Charnbury Secretary of Mines and Mineral Industries	400 North Third Street	Harrisburg	717	787-4686 787-4687 787-4688	
Homes:	222 East Irvin Avenue	State College	814	237-4726	
Gordon E. Smith Deputy Secretary of Mines and Mineral Industries	Motor Contracts Corp. Bldg. Room 2A - 108 South Claude A. Lord Boulevard	Pottsville	717	622-1110	
Homes:	102 Parkway	Schuylkill Haven	717	385-0023	
Mrs. M. B. Gutshall Administrative Officer	400 North Third Street	Harrisburg	717	787-4686 787-4687 787-4688	
Homes:	2958 Lincoln Street	Camp Hill	717	737-9895	
Leon Ehrlich Deputy Attorney General	400 North Third Street	Harrisburg	717	787-5054	
Offices:	146 North Sixth Street	Reading	215	376-1525	
Homes:	1429 Dauphin Avenue	Wyomissing	215	376-5829	

MINING ENGINEERS

Ralph A. Lambert Chief Mining Engineer	400 North Third Street	Harrisburg	717	787-4805	
Homes:	3330 Highland Street	Allentown	215	395-4585	
Rodger J. Howell	229 Morton Street	Old Forge	717	Glenwood 7-6447	
William Taby	204 North Rock Street	Shamokin	717	648-2436	
Harry A. Voigt	49 South Atherton Ave.	Kingston	717	287-4906	
Norman Becker	95 West Vaughn Street	Kingston	717	287-4755	

ANTHRACITE FEDERAL-STATE MINE DRAINAGE PROGRAM

Daniel H. Connelly Director	Anthracite Institute Bldg. 237 Old River Road	Wilkes-Barre	717	822-9150 822-9401	
Homes:	25 East Bennett Street	Kingston	717	287-0497	

RESEARCH AND DEVELOPMENT

David R. Maneval Director	400 North Third Street	Harrisburg	717	787-5104	
Homes:	1867 North Oak Lane	State College	814	238-0977	

PUBLIC RELATIONS

William Baker	400 North Third Street	Harrisburg	717	787-5054	
Homes:	221 North Dithridge St.	Pittsburgh	412	682-9653	

COAL MINE SUBSIDENCE INSURANCE FUND

Chester Gornaley Director	216 Pine Street	Harrisburg	717	787-5565 787-4761	
Homes:	3641 Brisban Street	Harrisburg	717	564-2777	

ANTHRACITE CONSERVATION AND RECLAMATION

Wesley I. Stonebraker Director	400 North Third Street	Harrisburg	717	787-5548	
Homes:	111 South 24th Street	Camp Hill	717	761-1751	

ANTHRACITE MINE INSPECTORS

District Number				Area Code	
1	W. A. Sanders, Actg.	R. D. 2	Dalton	717	563-1945
3	W. A. Sanders	R. D. 2	Dalton	717	563-1945
11	T. M. Beaney	366 Monument Avenue	Wyoming	717	693-0222
12	J. A. Bugel	336 Columbia Avenue	Atlas	717	339-1103
13	W. R. Devens	38 Butler Street	Forty Fort	717	287-4576
14	K. C. Lee	88 Old River Road	Wilkes-Barre	717	823-1977
15	Ralph Ditzler	593 North Vine Street	Hazleton	717	455-3733
16	F. C. O'Connor	R. D. 2, Box 370	Pottsville	717	544-2573
17	G. F. Kettle	246 West Spruce Street	Shamokin	717	648-2335
18	P. P. Hino	108 East Mahanoy Avenue	Mahanoy City	717	773-3694
19	J. J. Shober, Jr.	64 East Railroad Street	Nesquehoning	717	669-6048
20	G. P. Gallagher	103 East Arch Street	Shamokin	717	648-3887
21	A. J. Latz	9 West Phillips Street	Coaldale	717	645-5727
22	J. R. Ruane	928 No. Washington St.	Shamokin	717	648-0262
23	J. P. Brophy	422 West Third Street	Mount Carmel	717	339-3171
24	H. E. Shomper	138 East Lincoln Street	Shamokin	717	648-3124
25	Walter Davis	512 West Market Street	Pottsville	717	622-4107
26	J. B. Reinhoel	132 East Mahanoy Avenue	Mahanoy City	717	773-0313
27	R. O. Schneider	216 North 9th Street	Ashland	717	875-1861
28	A. A. Joyce	317 South Maple Street	Mount Carmel	717	339-0514
29	H. R. Reese	R. D. 1, Box 41, H-1	Elysburg	717	672-2853
30	W. D. Maurer	25 Vaux Avenue	Tremont	717	695-3672

ELECTRICAL INSPECTOR

Michael Polinko	1211 Chestnut Street	Kulpmont	717	373-9449
-----------------	----------------------	----------	-----	----------

ELECTRICAL ENGINEER

Karl A. Meyer	84 River Street	Forty Fort	717	287-3753
---------------	-----------------	------------	-----	----------

MINE RESCUE & FIRST AID INSTRUCTOR

Stephan A. Sirotnak	409 Erie Street	Throop	717	Hunter 9-3354
Charles W. Jones	231 West Main Street	Girardville	717	276-6353

FIELD INVESTIGATORS

George J. Segaritis	226 North Second Street	Girardville	717	Brown 6-1065
John J. Lavix	44 Union Street	Plains	717	823-4407

OIL AND GAS DIVISION

W. Roy Cunningham Deputy Secretary	Room 1205 State Office Bldg., 300 Liberty Ave.	Pittsburgh 22	412	391-2100
Homes:	919 Harlan Avenue	Johnstown	814	Ext. 734 299-2812

OIL AND GAS INSPECTORS

1	Charles C. Songer	100 E. Wayne St., Box 801	Warren	814	723-7477
2	Howard W. Martin	321 North Eighth Street	Indiana	412	463-0590
3	Charles E. Baldwin	907 Williams Street McJ. Acres	Washington	412	222-3295
4	William J. Burns, Jr.	335 North Barnett Street	Brookville	814	849-2445
5	Wm. J. Burns, Jr., Actg.				
5	Charles C. Songer, Actg.				
5	Richard F. Walther, Actg.				
6	Richard F. Walther	630 Southview Drive	Pittsburgh 26	412	563-3656
7	Charles F. Straub	505 Oak Street, Box 141	Coudersport	814	274-8840

OIL AND GAS CONSERVATION COMMISSION

Robert J. Hartman Secretary	Room 1708, Benedum-Trees Bldg., 223 4th Avenue	Pittsburgh	412	391-2100
--------------------------------	---	------------	-----	----------



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

1963

District	Preparation Plant	Company	Location
1	Ace Breaker	Ace Coal Co.	Blakely
25	Altamont Breaker	Altamont Coal Co.	Frackville
19	B. & N. Breaker	B. & N. Coal Co.	Schuykill Haven
24	Bar Mac Breaker	Bar Mac Coal Co., Inc.	Weigh Scale
27	Barry Washery	Mosolino Contracting Co.	Gordon
15	Beaver Brook Breaker	Beaver Brook Coal Co., Inc.	Beaver Brook
11	Bel Air Breaker	Bel Air Coal Co.	Duryea
24	Bellaire Breaker	Bellaire Coal Sales, Inc.	South Shamokin
24	Bellaire Washery	Bellaire Coal Sales, Inc.	Bear Valley #2
3	Bellevue Washery	Monroe Co., Inc.	Scranton
16	Bixler Breaker	Bixler, Clayton M.	Valley View
19	Black Heath Breaker	Black Heath Coal & Const. Co.	Cressona
26	Blaschak Breaker	Blaschak Coal Co.	St. Nicholas
11	Bliss Breaker	Bliss Coal Co.	Cherry Township
18	Bliss Washery	Bliss & Son, Inc.	Mauch Chunk
1	Bolands Breaker	DeAngelis Supreme Anth., Inc.	Carbondale
11	Booth Breaker	E. & B. Coal Sales	Cherry Township
21	Branch Breaker	Branch Coal Corp.	Llewellyn
18	Brockton Breaker	Brockton Black Beauty Coal	Brockton
11	Bylite Breaker	Bylite Corp.	Plains Township
29	Cains Breaker	Cain Coal Co.	Shamokin
26	Candlemas Washery	Coleby Coal Co.	Haddock
24	Carbon Run Breaker	Rosini Coal Co.	South Shamokin
20	D. & D. Breaker	D. & D. Coal Co.	Mount Carmel
24	D. & Z. Breaker	D. & Z. Coal Co.	Weigh Scale
20	Diamond Breaker	Diamond Coal Co., Inc.	Atlas
24	Diminick Breaker	Diminick Coal Sales	Paxinos
21	DiRenzo Breaker	DiRenzo Coal Co.	Minersville
25	Donaldson Breaker	Anthracite Fine Coals, Inc.	Donaldson
11	Dorrance Breaker	Lehigh Valley Anth., Inc.	Wilkes-Barre
12	Elizabethville Washery	Elizabethville Coal Co.	Elizabethville
30	Emerich Washery	Emerich, William G.	Ono
26	Englewood Breaker	Englewood Coal Co.	Frackville
29	Folger & Chapleski Washery	Folger & Chapleski	Ranshaw
21	Forestville Washery	Manbeck Dredging Co.	Forestville
25	Franklin Hydrotated Breaker	Franklin Coal Co.	Ravine
18	G. & S. Washery	G. & S. Coal Co., Inc.	Nesquehoning
27	Gilberton Breaker	Gilberton Coal Co.	Gilberton
24	Glen Burn Breaker	Susquehanna Coal Co.	Shamokin
14	Glen Lyon Breaker	Susquehanna Coal Co.	Glen Lyon
21	Glenn Worth Breaker	Glenn Worth Coal Co.	Cressona
24	Glosek Breaker	Glosek Bros. Coal Sales	Weigh Scale
15	Gowen Breaker	Gowen Coal Co.	Fern Glen
18	Greenwood Breaker	Greenwood Mining Co.	Rahn Township
15	Greybosh Breaker	Greybosh Coal Co.	Hazleton R. D. 1
17	H. J. & H. Breaker	H. J. & H. Coal Co.	Zerbe Township
11	Harry E. Breaker	Lehigh Valley Anth., Inc.	Wilkes-Barre
15	Hazleton Shaft Breaker	Lehigh Valley Anth., Inc.	Hazleton
15	Highland No. 5 Fine Coal Plant	Jeddo-Highland Coal Co.	Jeddo
18	Hillside Breaker	Hillside Coal Co.	South Tamaqua
25	Hillside Breaker	Hegins Mining Co.	Zerbe
27	Hill Vue Breaker	Hill Vue Coal Co.	Ashland
15	Honeybrook Breaker	Honeybrook Mines, Inc.	Audenried
24	Hoover Breaker	Hoover Mining Co.	Paxinos
13	Huber Breaker	Glen Alden Corporation	Ashley
25	Indian Head Breaker	Indian Head Coal Co.	Tremont
22	Jeddo-Highland Fine Coal Plant	Jeddo-Highland Coal Co.	Wilburton
15	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	Harleigh
30	Joliett Realty Breaker	Joliett Realth Co.	Joliett

District	Preparation Plant	Company	Location
12	K. A. M. Washery	K. A. M. Coal Co.	Wiconisco
24	K. & D. Breaker	K. & D. Coal Co.	Weigh Scale
18	K. M. & F. Breaker	K. M. & F. Coal Service	Middleport
21	K. & P. Breaker	K. & P. Coal Co.	Minersville
19	Kassa Breaker	Dale Contracting Corp.	Middleport
11	Kassa Breaker	Kassa Coal Co.	Dupont
12	Kelly Ramp	Kelly Coal Co.	Spring Glen
25	Koch's Breaker	Koch's Coal Co.	Ravine
30	Kocher Breaker	Kocher Coal Co.	Valley View
21	Kowalchick Breaker	Kowalchick, Michael	Primrose
30	Kreiser Washery	Kreiser, Harvey R.	Annville
16	Legal Breaker	Legal Coal Co.	Good Spring
26	Lehigh Park Breaker	Peca Coal Co., Inc.	Mahanoy City
15	Leonard Breaker	Leonard Coal Co.	Hazleton
30	Lincoln Washery	Manbeck Dredging Co.	Pine Grove R. D. 3
15	Lion Breaker	Cunningham Coal Co.	Hazleton
21	Live Oak Breaker	Live Oak Coal Co.	Primrose
23	Locust Summit Breaker	Reading Anthracite Co.	Locust Gap
11	Loomis Breaker	Lehigh Valley Anth., Inc.	Nanticoke
11	Loree Breaker	Hudson Realty Co., Inc.	Larksville
24	Lower Region Washery	Lower Region Colliery	Trevorton Road
19	Lowland Washery	Manbeck Dredging Co.	Landingville
27	Malho Breaker	Malho Coal Co.	Lavella
11	Maiby Breaker	Dicksville Coal Co.	Swoyersville
22	Mammoth Breaker	Lehigh Valley Anth., Inc.	Lost Creek
21	Maple Spring Breaker	Maple Spring Coal Co.	Branchdale
21	Marlin Breaker	Cass Contracting Co.	Marlin
1	Marvine Breaker	Glen Alden Corporation	Scranton
18	Mary-D Washery	Atlantic Management Co.	Tuscarora
26	Mazaika Breaker	Mazaika Bros. Coal Co.	Tamaqua
12	Meadowbrook Breaker	Meadowbrook Coal Co.	Lykens
27	Millersville Breaker	Pine Ridge Mining Co.	Ashland
15	Mineralis Breaker	Mineralis Recovery Corp.	Hazleton
21	Minersville Breaker	Minersville Coal Co.	Minersville
3	Morgan Breaker	Old Forge Coal Co.	Old Forge
26	Mount Hazle Breaker	Locust Valley Coal Co.	New Boston
18	Mountain Side Breaker	Mountain Side Coal Co.	South Tamaqua
24	North Line Breaker	Steam Coals, Inc.	South Shamokin
3	No. 1 Washery	Wyoming Co.	Dunmore
25	Oakwood Breaker	Oakwood Coal Co.	Pine Grove
21	Old Mill Breaker	Old Mill Coal Yard	Llewellyn
21	Olenick Breaker	Olenick Bros. Coal Co.	Forestville
12	P. & W. V. Ramp	P. & W. V. Coal Co.	Lykens
27	P-45 Cleaner Plant	Reading Anthracite Co.	Buck Run
25	Parkway Breaker	Parkway Anthracite, Inc.	Pine Grove
25	Penag Breaker	Penag Coal Co.	Good Spring
1	Penbrook Breaker	Penbrook Coal Co.	Archbald
12	Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen
19	Pine Forest Washery	Reading Anthracite Co.	St. Clair
1	Pompey Breaker	Pompey Coal Co.	Jessup
25	Potts Breaker	Potts Contracting Co.	Pine Grove 3
18	R. & R. Washery	R. & R. Coal Co.	Leighton R. D. 2
1	Raymond Breaker	Northwest Mining Co., Inc.	Eynon
27	Reichwein & Beury Breaker	Reichwein & Beury Coal Co.	Ashland
24	Reidinger Breaker	Reidinger Coal Service	Paxinos
27	Rosa Breaker	Capparell Coal Co., Inc.	Shenandoah
19	Salem Creek Breaker	Salem Creek Coal Corp.	Pottsville
20	Savitski Breaker	Savitski Bros. Coal Sales	Atlas
26	St. Nicholas Central Breaker	Reading Anthracite Co.	St. Nicholas
25	Schneck Breaker	Schneck Coal Co., Thomas W.	Pine Grove 1
19	Scutta Breaker	Scutta Coal Co., Inc.	New Philadelphia
11	Sebastopol Breaker	Sebastopol Coal Co.	Jenkins
26	Seltzer Breaker	Seltzer Coal Co.	Frackville
12	Shomper Breaker	Shomper Coal Co.	Tower City
18	Silver Creek Breaker	Silver Creek Coal Co., Inc.	New Philadelphia
26	Skytop Breaker	Skytop Coal Co.	New Boston
18	South Tamaqua Coal Pockets	South Tamaqua Coal Co.	South Tamaqua
24	Split Vein Breaker	Split Vein Coal Co.	Weigh Scale
18	Spring Creek Breaker	Spring Creek Coal Co.	South Tamaqua
12	Stonehill Breaker	Stonehill Coal Co.	Loyalton
12	Strohecker Breaker	Strohecker Coal Co.	Elizabethville
28	Sunshine Breaker	Sunshine Coal Co.	Dunkleberger
16	Superior Breaker	Superior Coal Co.	Valley View

District	Preparation Plant	Company	Location
25	Swatara Breaker	Swatara Coal Co.	Zerbe
24	Swift Breaker	Swift Coal Sales	Paxinos
3	Taylor Breaker	Moffat Coal Co., Inc.	Taylor
15	Tedesco Breaker	Tedesco Bros. Coal Co.	Pardeesville
23	Thomas Breaker	Thomas & Brother, Inc., W.H.	Ranshaw
17	Trevorton Breaker	Reading Anthracite Co.	Trevorton
12	Underkoffler Breaker	Underkoffler Coal Co.	Lykens
15	Upper Lehigh Breaker	Sandy Run Miners & Prod., Inc.	Upper Lehigh
26	Valley Breaker	Valley Coal Co.	Tamaqua
1	Waddell Breaker	Waddell Coal Mining Co., Inc.	Jessup
19	Wadesville Washery	Reading Anthracite Co.	Wadesville
19	Walton Breaker	Walton Co., John	Schuylkill Haven
26	Wessner Breaker	Wessner Coal Co.	Tamaqua

NOTE: (a) Discontinued operations.  
 (b) Joliett Breaker idle during entire year 1963.  
 (c) Marvine Breaker abandoned.  
 (d) Morgan Breaker closed.

## DEPARTMENT OF MINES AND MINERAL INDUSTRIES

## ANTHRACITE OPERATORS - YEAR 1963

District	Operator	General Manager	Address
21	A. & B. Coal Co. *	Thomas Brennan	Minersville
29	A. B. Coal Mine *	Arthur Boscolovich	Ranshaw
3	A. C. & A. Coal Co. DM	Louis Agostini	Old Forge
18	A. & D. Coal Co. *	John Daukshus	Tamaqua
24-28	A. F. & M. Coal Co. *	Elmer Faust	Shamokin
12	A. & H. Coal Co. *	Fred Artz	Valley View
16	A. & J. Coal Co. DM	Andrew Drebitko	Pottsville R. D. 1
19	A. & J. Coal Co. *	Anthony Chavokis	Port Carbon
23	A. & K. Coal Co. *	Norbert Anascavage	Shamokin
27	A. & M. Coal Co. *	Samuel Ascioti	Girardville
12	A. & P. Coal Co. *	Joseph Reho	Williamstown
22	A. & S. Coal Co. *	Joseph Almeda	Atlas
20-23	A. & T. Coal Co. *	Felix Andreatti	Atlas
20	A. T. & D. Coal Co. *	Cyril Doyle	Mount Carmel
29	A. & W. Coal Co. *	Joseph Astick	Shamokin
19	A. & Y. Partnership *	Stephen Andrews	Pottsville R. D. 3
22	Abrasonis Coal Co. *	John Abrasonis	Shenandoah
1	Ace Coal Co. B DM	Louis Simoncelli	Blakely
12	Acme Coal Co. DM	Joseph Reho	Williamstown
21-28	Adams Coal Co. *	Foster Adams	Helfenstein
20	Adams Coal Co. *	Adam Pisanko	Kulpsmont
28	Alarcon Coal Co. DM	Frank Alarcon	Keiser
26	Alessi Coal Co. DM	Natalie Alessi	Mahanoy City
21	Allen Mining Co. DM	John Stranko	Pottsville
23	Al Mar Coal Co. DM	Albert Dietz	Mount Carmel
26	Altamont Coal Co. BP	George Kosishok	Frackville
20	Amarose Bros. Coal Co. *	Louis Amarose	Atlas
22	American Coal Co. *	Ira Hill	Centralia
19	Andrews Partnership *	William Andrews	Frackville
30	Anspach & Umbenhauer Coal Co. DM *	Fred Anspach	Pine Grove R. D. 1
18	Anthracite By-Products bk	Walter Bobowsky	McAdoo
25-27	Anthracite Fine Coals, Inc. BP DM S	Robert Doeblner	Donaldson
26	Ascioti Coal Co. *	Sam Ascioti	Girardville
17	Ash Coal Co. *	Chester Bixler	Shamokin
21	Ashland Coal Co. *	Charles Oshman	Ashland
18	Atlantic Management Co. W bk	R. B. Ryon	Mary-D
12	Atlas Coal Co. *	Michael Yulsum	Williamstown
15	Audenried Mines, Inc. DM	Daniel Bloss	Hazleton
28	B. & B. Coal Co. *	Frank Barella	Mount Carmel
29	B. & B. Coal Co. *	Gilbert Bridy	Shamokin
23	B. & B. Coal Co. DM *	Norbert Anascavage	Shamokin
20	B. & B. Coal Co. *	Amil Bielariski	Ashland
28	B. & C. Coal Co. *	Edward Campbell	Shamokin
30	B. & C. Coal Co. *	Willard Clark	Hegins R. D. 1
23	B. & D. Coal Co. *	George Dedovich	Excelsior
22	B. & D. Coal Co. *	Henry Barlow	Atlas
20-22	B. & E. Coal Co. *	William Biscoe	Girardville
17	B. & E. Coal Co. *	David A. Ernest	Shamokin
12	B. & E. Coal Co. *	Boyd Strohecker	Williamstown
26	B. & G. Coal Co. *	Joseph Benedict	Mahanoy City
26	B. & H. Coal Co. *	Edward Brezinsky	Kelayres
21	B. H. & L. Partnership *	George Honyara	Minersville
22	B. & J. Coal Co. *	William Bernetski	Mount Carmel
30	B. & K. Coal Co. *	Kenneth Wolfgang	Donaldson
29	B. K. P. Coal Co. *	John Patrilak	Keiser
19	B. K. & T. Coal Co. *	Frank Troxell	Frackville
29	B. & L. Coal Co. *	Michael Grego	Keiser
12	B. & M. Coal Co. *	Ralph Boyer	Valley View
16	B. & M. Coal Co. DM	Wayne Moyer	Valley View
19	B. & M. Coal Co. *	John Bombar	Minersville
12	B. M. M. Coal Co. *	Irvin Mace	Spring Glen
19	B. & N. Coal Co. BP	Kenneth Heiser	Schuylkill Haven
26	B. & N. Coal Co. *	Steve Bolich	Mahanoy City
27	B. & N. Coal Co. *	Chester Nork	Shaft
23	B. N. & S. Coal Co. *	Peter Seilock	Kulpsmont
27	B. & O. Coal Co. DM	Charles Ressler	Hegins R. D. 2
29	B. & O. Coal Co. *	Peter Bendas	Ranshaw

District	Operator	General Manager	Address
12	E. & P. Coal Co. *	William D. Showers	Williamstown
30	B. R. T. Coal Co. *	Joseph Baha	Pine Grove R. D. 1
23	B. & S. Coal Co. DM	Victor Blascovich	Shamokin
21	B. Z. & D. Coal Co. *	Joseph Zitka	Pottsville R. D. 2
27	Bain, Alfred S	Alfred Bain	Pine Grove
17	Banks Coal Co. *	Edward Parenzan	Shamokin
24	Bar Mac Coal Co., Inc. BP	Charles Greco	Atlas
13	Bartoli Construction Co. bk	Eugene Bartoli	Wilkes-Barre
20	Bator Coal Co. *	Leo Bator	Keiser
21-25	Batz Coal Co. *	Donald Batz	Pine Grove R. D. 1
19	Bear Ridge Coal Co. *	Peter Smertsky	Frackville
15	Beaver Brook Coal Co., Inc. BP S	George Huss	Ringtown
27	Beaver Coal Co. *	Robert Beaver	Shenandoah
28	Bednarczyk Coal Co. DM	Joseph W. Bednarczyk	Shamokin
1	Beggin Coal Co. *	Michael Beggin	Jessup
1	Belack, William S	William Belack	Carbondale R. D. 1
11	Bel Air Coal Co. BP	Bert Andrews	Duryea
28	Bell Coal Co. *	Michael Stasick	Trevorton
1	Bell Mountain Coal Co. *	William Andrezze	Mocanaqua
24	Bellaire Coal Sales, Inc. W BP	Alfons Smokowitz	Shamokin
19	Bernitsky Coal Co. DM	Albert Bernitsky	New Philadelphia
19	Bernitsky & Stenulis Partnership *	Joseph Bernitsky	New Philadelphia
18	Big Pine Coal, Inc. DM	Vincent Basgil	Middleport
15-26	Biskupics & Co. *	John Biskupics	Tamaqua R. D. 2
16	Bixler Coal Co., Clayton M. BP	Clayton Bixler	Valley View
16	Bixler Coal Co., Herman DM	Herman Bixler	Valley View
19	Black Heath Coal & Const. Co., Inc. B	Allen C. Koch	Cressona
18	Blashock Coal Co. *	John Blashock, Jr.	Park Crest
26	Blaschak Coal Co. BP	Anthony Blaschak	Mahanoy City
11	Bliss Coal Co. BP S DM	Carl Bliss	Mildred
18	Bliss & Son, Inc. W bk	R. T. Bliss, Sr.	Nesquehoning
12-21	Bloch Bros. Coal Co. *	Paul Bloch	Hegins R. D. 2
21-25	Blue Bell Enterprises S	John Butcavage	Minersville
29	Blue Coal Co. *	George Venarchick	Shamokin
12	Blyler Coal Co., Glen *	Glen Blyler	Williamstown
27	Bolich Coal Co. *	Marlin Bolich	Ashland R. D. 1
26	Bologa & Co. *	John Bologa	New Boston
30	Bonawitz Coal Co., Daniel *	Daniel Bonawitz	Pine Grove
26	Boner & Webb Coal Co. *	James Boner	Mahanoy City
29	Boots Coal Co. *	Albert Yurkiewicz	Ranshaw
21	Bosack Coal Co. DM	Frank Bosack, Jr.	Pottsville R. D. 2
21	Bosack Coal Co. DM	Frank Bosack, Sr.	Pottsville R. D. 2
29	Boscolovich Coal Co. *	Arthur Boscolovich	Ranshaw
24	Boslego Coal Co. DM *	Leona Boslego	Kulpsmont
27	Bowman & Coleman Coal Co. DM	Henry Bowman	Sacramento
21	Branch Coal Corp. BP bk	Walter Ryon	Pottsville
29	Bridy Coal Slope *	Gilbert Bridy	Shamokin
28-29	Bridy, Incorporated S	Edward A. Bridy	Atlas
26	Brinsko Coal Co. *	John Brinsko	Morea Colliery
18	Broad Mountain Coal Co. *	Joseph Swilp	Cumbola
18	Brockton Black Beauty Coal Co. BP	R. Tenaglia	Brockton
26	Brokenshire & Co. *	George Brokenshire	Barnesville R. D.
12	Brosious & Troup Coal Co. S	Jay Troup	Williamstown
20	Brown Coal Co. *	Harold Brown	Natalie
17	Bruno & Peifer Coal Co. *	John E. Bruno	Trevorton
22	Buck Coal Co. S	John Miller	Mount Carmel
21	Buck Mountain Coal Co. *	John Sholansky	Minersville
20	Burnrite Coal Co. *	Joseph Zukas	Atlas
16	Bush Coal Co. DM	Earl Bush	Tower City
17	Bush Coal Co. *	John B. Kidron	Trevorton
18	Bushy Tract Coal Co. *	John Murphy, Jr.	Middleport
18	Butensky Coal Co. *	Charles Butensky	Branchdale
11	Bylite Corp. BP bk	Donald Markle, Jr.	Wilkes-Barre
11	C. B. M. Coal Co. bk S	Eugene Bartoli	Wilkes-Barre
23	C. & D. Coal Co. *	Dominic Fernandez	Keiser
19	C. & F. Coal Co. *	William Flail	Frackville
22	C. & F. Contracting Co., Inc. bk	Leonard Chapelski	Shamokin
21	C. F. & P. Coal Co. *	Horace Frantz	Pottsville R. D. 1
22	C. & G. Coal Co. *	Charles Cress	Girardville
20	C. & G. Coal Co. *	Thomas Clifford	Shenandoah
18	C. & J. Coal Co. *	Charles Frye	Quakake
23-24-29	C. & J. Coal Co. S	Charles Greco	Atlas
21	C. & K. Coal Co. *	George Carl	Tower City
30	C. K. S. Coal Co. -DM	Henry Conrad	Valley View
23	C. & M. Coal Co. *	Frank Cyzio	Shamokin

District	Operator	General Manager	Address
28	C. & M. Coal Co. *	Richard Cooper	Shamokin R. D. 1
17	C. & M. Coal Co. DM *	Paul J. Costa	Sunbury R. D. 2
19	C. & N. Coal Co. *	Anthony Chukusky	Frackville
12	C. & R. Coal Co. *	Clair Snyder	Lykens R. D. 1
29	C. & S. Coal Co. *	Norman Shoffler	Shamokin
28	C. & S. Coal Co. S	Charles Candelora	Elysburg
1	C. & S. Excavating Co. S	Eldore Sebastianelli	Dunmore
19	C. & V. Coal Co. *	Anthony Chukusky	Frackville
21	C. & Y. Coal Co. *	William Yoder	Pottsville R. D. 2
29	Cains Coal Co. BP	Edward Cain	Shamokin
18-19	Canfield Construction Co. S	Thomas Canfield	Port Carbon
17	Capitol Coal Co. *	John J. Bogetti	Shamokin
11	Capone Coal Co. S	Patrick Capone	Wilkes Barre
27	Capparell Coal Mining, Inc. BP	S. Thomas Capparell	Shenandoah
27	Capparell Strip, & Const. Co., Inc. S bk	S. Thomas Capparell	Shenandoah
1	Carbondale Coal Co. BP S	Thomas J. Gillen, Jr.	Carbondale
24	Carl Coal Co. *	Leon Carl	Shamokin
21	Cass Contracting Co. BP	James V. Ryan	Pottsville R. D. 2
23	Chango Coal Co. DM	Robert Pitello	Mount Carmel
18	Charbon Fuel Sales, Inc. S	Jesse C. Hill	Orwigsburg
22	Charnick Coal Co. *	Leo Charnick	Frackville
29	Char-Will Coal Co. *	Charles Nalewak	Shamokin
21	Cherkis Partnership *	Wassel Cherkis	Minersville
23	Chervanik Associates S	Charles Chervanik	Shamokin
17	Chestnut Coal Co. *	Stephen Shingara	Sunbury R. D. 3
19	Chukusky Coal Co. *	Anthony Chukusky	Frackville
26	Chuppasko & Semanco *	John Semanco	Gilberton
16	Clark Coal Co. DM	Clark Maurer, Jr.	Hegins
19	Clarkson Coal Co. DM	Donald Brown	Minersville
23	Clayberger & Co. *	Ralph Clayberger	Ranshaw
3	Coalbrook Sales Co., Inc. S	Mary McHale	Carbondale
26	Coleby Coal Co. W bk	Garfield Schnee	Hazleton
27	Colket Coal Co. *	John Messaros	Branchdale
28	Collier Coal Co. *	Clair Collier	Shamokin R. D. 2
18	Cooper Coal Co., Adam *	Adam Cooper	Port Carbon
19	Cooper & Co. *	Adam Cooper	Port Carbon
19	Cooper Partnership *	Bernard Cooper	Port Carbon
29	Corcoran & Yohas Coal Co. *	John Yohas	Sunbury
21	Coxe Coal Co. DM	Norman Essler	Pottsville
27	Crossroads Coal Co. *	Bart Skocek	Ashland
15	Cunningham Coal Co. bk B	Henry Ventree	West Pittston
24	Czech Brothers Coal Co. *	Stanley Czech	Shamokin
20	D. & D. Coal Co. BP	Cyril Doyle	Mount Carmel
29	D. & D. Coal Co. *	Charles Derck	Shamokin
24	D. & D. Coal Co. *	Randall Derck	Shamokin
18	D. & D. Coal Co. *	Joseph Dalvet	Middleport
29	D. D. Z. Coal Co. *	Joseph Dombroski	Shamokin
22	D. F. & U. Coal Co. *	Richard Urban	Lost Creek
19	D. & G. Partnership *	Stanley Gravish	Cumbola
22	D. & H. Coal Co. *	Peter Dillman	Ringtown
18	D. & H. Coal Co. *	Joseph Dumanski	Mary-D
17	D. H. & W. Coal Co. DM	Kenneth M. Whitmer	Paxinos
28	D. & J. Coal Co. *	Daniel Fedako	Ashland
22	D. & K. Coal Co. *	Peter Dillman	Ringtown
21	D. & K. Coal Co. *	Albert Karol	Pottsville R. D. 1
20	D. & K. & M. Coal Co. *	Gurney Klingler	Hegins
21	D. & M. Coal Co. DM	Joseph Millard	Minersville
21	D. & P. Coal Co. *	John Doyle	Pottsville R. D. 2
20	D. & N. Coal Co. DM *	Edward Narcavage	Mount Carmel
20	D. R. Z. Coal Co. *	Ernest DiRienzo	Keiser
26	D. & S. Coal Co. DM	Vincent Swartz	Mahanoy City
26	D. & S. Coal Co. *	Felix D'casimirro	Morea Colliery
29	D. & T. Coal Co. *	John C. Deitrick	Paxinos
24	D. & T. Coal Co. BP	Stanley Diminick	Shamokin
19	Dale Contracting Corp. BP	Ralph Steindel	Scranton
28	Dallabrida Coal Co. *	Fred Dallabrida	Keiser
21	Dando Coal Co. DM	Joseph Dando	Pottsville
1	Dando & Troup Coal Co. S	David J. Dando	Minersville
1	DeAngelis Supreme Anth., Inc. B DM bk	John C. Baumann	Carbondale
23	Dean Coal Co. *	Donald Krebs	Shamokin
27	Deitrich & Ebert Coal Co. DM	Lewis Deitrich	Shamokin
27	Dembinski Coal Co. *	Wash Dembinski	Gordon
29	Derck & Wagner Coal Co. *	Robert Derck	Ashland R. D. 1

District	Operator	General Manager	Address
19	Diamond Coal Co. ●	Peter Smertsky	Frackville
21	Diamond Coal Co. ●	George Pinchorskie	Williamstown
20	Diamond Coal Co., Inc. BP	Saverio Greco	Mount Carmel
3	Diamond Colliery Co. DM S	Joseph Giovannini	Exeter
11	Dicksville Coal Co. BP DM	Joseph Kenzakoski	Luzerne
24	Diminick Coal Sales BP	Valente Scicchitano	Paxinos
21	DiRenzo Coal Co. BP	Dominick DiRenzo	Pottsville R. D. 2
1	Do-Leb Coal Co. ●	D. Polletti	Jessup
25	Dombrosky Co., Albert ●	Albert Dombrosky	Cressona
23	Doyle, Cletus ●	Cletus Doyle	Mount Carmel
24	Dreibelbies Mining Co. ●	John Dreibelbies	Shamokin
19	Dudash Coal Co. ●	Thomas Dudash	Port Carbon
24	Dugan Coal Co. ●	Joseph Leschinski	Shamokin
24	Duke Associates DM	Joseph Duke	Shamokin
22	Dyszal Coal Co. ●	Stephen Dyszal	Girardville
22	Dyszal Coal Co. ●	Joseph Dyszal	Girardville
22	Dyszal Coal Co. ●	Peter Dyszal	Frackville
11	E. & B. Coal Sales. BP S	Edwin Booth, Sr.	Milford
21	E. B. & K. Coal Co. ●	William Eltringham	Branchdale
16	E. & H. Coal Co. DM	Edward Melusky	Minersville
24	E. & S. Coal Co. ●	Jay M. Seger	Shamokin
28	E. & T. Coal Co. DM	Pete Ibanez	Mount Carmel
19	Eagle Hill Coal Co. ●	Joseph Donitus	Pottsville
19	Eagle Hill Partnership ●	Leo Shapell	Barnesville
30	East Kalma Coal Co. ●	Jacob Reedy, Sr.	Williamstown
11	Eastern Mining Corp. DM	Bruno Felletti	West Pittston
17	Echo Coal Co. ●	Paul J. Costa	Sunbury R. D. 2
17-24-29	Edgewood Contracting Co. S	Floyd Doty	Shamokin
24	Eldy Coal Co. ●	William Lytle	Shamokin R. D. 2
12	Elizabethville Coal Co. W bk	Eston R. Klinger	Elizabethville
23	Else, Charles ●	Charles Else	Kulpmont
30	Emerich, William G. W bk	William G. Emerich	Ono
26	Englewood Coal Co. BP	Michael Sluck	Frackville
20	Ennis Coal Co. DM	William Ennis	Ashland
16	Erdman Brothers Coal Co. DM	Jay Erdman	Valley View
1	Esgro Coal Co. DM	Dominick Esgro	Jermyn
30	Etzweiler Coal Co. ●	Norman Etzweiler	Valley View
29	Eureka Coal Co. ●	Charles Rozinski	Shamokin
21	F. K. & R. Coal Co. ●	Edward Fey	Hegins R. D. 2
18	F. & S. Coal Co. DM	D. Brown	Minersville
22	F. & S. Coal Co. ●	Francis Revenis	Centralia
21	F. & W. Coal Co. ●	Walter Whalen	Pottsville R. D. 2
18	F. & W. Coal Co. ●	Melvin Wolfe	New Ringgold
21	F. & W. Cinder Contracts S	Desmond J. Farrow	Minersville
17	Fairdeal Coal Co. DM	Leon E. Shingara	Shamokin
25	Falls Coal Co. ●	Herman Stein	Zerbe
18	Farley & Ihnat Coal Co. DM	N. J. Farley	Pottsville R. D. 1
25	Fasnacht Coal Co. ●	Noel Fasnacht, Sr.	Tremont
25	Faust Coal Co., Charles ●	Charles Faust	Muir
25-27	Fay-Mar Coal Co. ●	Charles Leininger	Tremont
17	Fed Coal Co. ●	Edward T. Shingara	Shamokin R. D. 1
26	Fegley Bros. Coal Co. DM	John Fegley	Mahanoy City
26	Fegley Bros. Coal Co. ●	Leonard Fegley	Barnesville
25	Fegley Coal Co., Ernest ●	Ernest Fegley	Pine Grove 2
15	Fellin Coal Co. ●	David Fellin	Sheppton
15	Fern Glen Mining Co. DM	Gerald Brior	Rock Glen
27	Fetterolf Coal Co. ●	Walter Midry	Kulpmont
28	Fetterolf Coal Co. ●	James Fetterolf	Shamokin R. D. 1
30	Fireside Mining, Inc. DM	John McCullough	St. Clair
24	Flame Coal Co. ●	Ralph Koch	Shamokin
29	Folger & Chapleski W S bk	Leonard Chapleski	Ranshaw
26	Forgotsch Bros. ●	Vincent Forgotsch	Mahanoy City
26	Forsum Coal Co. DM	Joseph Sluck	Gilberton
24	Four Partners Coal Co. ●	John Vrona	Shamokin
28	Foura Coal Co. ●	Ben Foura	Shamokin R. D. 2
19	Francis Coal Co. ●	Francis Stanton	Cumbola
25	Franklin Coal Co. BP	Franklin Miller	Tremont
18	Frye Brothers Coal Co. ●	Robert Frye	Quakake
19	Furnival Partnership ●	Michael Dudash	Pottsville R. D. 3
12	G. A. D. Coal Co. DM	Iamar Artz	Pine Grove R. D. 2
21	G. & B. Coal Co. ●	John Barnetsky	Minersville
22	G. D. & S. Coal Co. ●	Anthony Gonzalo	Strong
22	G. F. B. & G. Coal Co. ●	Andy Felix	Centralia
21	G. & K. Coal Co. ●	Michael Kauffman	Pottsville R. D. 2
19	G. & L. Coal Co. bk	George Gormas	Pottsville

District	Operator	General Manager	Address
27	G. & M. Coal Co. DM	Albert Mechese	Girardville
20	G. & M. Coal Co. ●	Leroy Manhart	Ashland
23	G. M. P. Coal Co. DM	Vincent Miskell	Mount Carmel
21	G. Q. & R. Coal Co. ●	William Raudenbush	Ilwellyn
18	G. & S. Coal Co., Inc. W bk	A. M. Gilham	Nesquehoning
27	G. & T. Coal Co. ●	Malcolm Thompson	Donaldson
12	Gene Gangloff Brothers bk	Gene Gangloff	New Ringgold
16	Garber Coal Co. ●	Joseph Garber	Williamstown
28	Garcia Coal Co. ●	Joseph Garcia	Kulpmont
29	Garfield Coal Co. ●	John Lotis	Shamokin
15	Gatti Engineering Co., Inc. DM	Gerald Gatti	Drifton
22	Gaughan Coal Co. ●	Thomas Gaughan	Ashland
25	Gavalis Co., Joseph S	Joseph Gavalis	Orwigsburg
17	Gem Coal Co. ●	Vaughn K. Ditty	Gowen City
15	Genee Mining Co. ●	Anthony Kofchak	Mahanoy City
20	Germyn Mining Co. ●	William Whyne	Ashland
11	Gigliello Coal Co. DM	John Gigliello	Yatesville
22-26-27	Gilberton Coal Co. BP S bk	Garfield Schnee	Gilberton
1-11-13-14	Glen Alden Corporation B S DM bk	Ivor L. Williams	Ashley
21	Glenn Worth Coal Co. BP	Joseph A. Hauptly	Pottsville
17-24	Glosek Bros. Coal Sales, Inc. BP S	Frank E. Glosek	Shamokin
29	Goat Hill Coal Co. ●	John J. Albert	Shamokin
12	Gonder Coal Co. ●	Isaac Gonder	Williamstown
21	Gordon Mountain Coal Co. ●	Stanley Sobolesky	Minersville
18	Gorenty Coal Co. ●	Earl Gorenty	Middleport
19	Gormas Coal Co. ●	George Gormas	Pottsville
19	Gormas Bros. Coal Co. ●	George Gormas	Pottsville
28	Gowen Coal Co. DM	O. E. Salter	Shamokin
15	Gowen Coal Co. B S	Elmer Roth	Fern Glen
16	Green Coal Co. DM	Roy Green	Hegins R. D. 2
18	Greenwood Mining Co. BP	J. Fazio	Tamaqua
18	Greenwood Stripping Corp. S bk	F. Fazio	Nesquehoning
24	Grego & Deitz Coal Co. ●	Stanley Grego	Shamokin
15	Greybosh Coal Co. BP	John Greybosh	Hazleton R. D. 1
18	Grigas Coal Co. DM ●	Peter Grigas	Girardville
24	Gripp Coal Co. ●	Peter Gripp	Shamokin
11	Grove Excavating Co. DM	Malcolm Pattison	Lafin
23	Gryskiewicz, Fred ●	Fred Gryskiewicz	Kulpmont
1	Grzywacz Coal Co. ●	Joseph Grzywacz	Archbald
17	Gudelunas Coal Co. ●	Frank J. Gudelunas	Mount Carmel
28	Gusick Coal Co. ●	Edward Gusick	Kulpmont
24	H. & B. Coal Co. S	Joseph Olaf	Kulpmont
18	H. & F. Coal Co. ●	William Hahn	Brockton
16	H. & F. Coal Co. ●	Robert Hornberger	Lavelle
27	H. & G. Coal Co. ●	Leonard Hornberger	Ashland R. D. 1
23	H. & H. Coal Co. ●	Orville Henninger	Shamokin
16	H. & H. Coal Co. DM	Joseph Zurat	Pine Grove R. D. 3
17-28	H. J. & H. Coal Co. BP DM	Harry D. Reitz	Milton
12	H. & K. Coal Co. ●	Charles Koons	Valley View
23	H. K. & K. Coal Co. ●	John Kasner	Paxinos
21	H. & L. Coal Co. ●	Henry Lisowski	Minersville
12	H. L. D. Coal Co. ●	Monroe Header	Ashland R. D. 1
27	H. & M. Coal Co. ●	Charles Mitchell	Girardville
26	H. & M. Coal Co. ●	Paul Hutira	Frackville
20	H. & O. Coal Co. ●	Leonard Hornberger	Ashland
21	H. & P. Coal Co. DM	John Hudock	Pottsville R. D. 2
29	H. & S. Coal Co. ●	Theodore Horoshak	Shamokin
27	H. & S. Coal Co. ●	Dale Herb	Hegins R. D. 1
12	H. S. S. Coal Co. ●	Russel Houtz	Reinerton
16-28	H. & W. Coal Co. DM bk	William E. Heitzman	Shamokin R. D. 2
22	H. & W. Coal Co. ●	Charles Hutnick	Ashland
27	Haas Coal Co. ●	Lester Haas	Pitman
19	Halaburda Coal Co. ●	Bernard Halaburda	Frackville
25	Haldeman Coal Co. ●	Adam Haldeman	Pine Grove 3
1	Halsey Contracting Corp. S	Vincent Halsey	Carbondale
20	Hank's Coal Co. DM	Henry W. Szymanski	Mount Carmel
18	Harbon Coal & Contracting Co. S	J. Harlem	Tamaqua
15	Harjay & Co., Joseph ●	Joseph Harjay	Shenandoah
16	Harman Coal Co. DM	Clair Harman	Valley View
28	Harry's Coal Co. ●	Harry Preston	Atlas
21	Harvey Coal Co. ●	James Harvey	Schuylkill Haven
12	Hatter Bros. Coal Co. ●	Charles Hatter	Gretz
16-27	Hatter Coal Co. DM	Ernest Hatter	Hegins
21	Hauptly, J. & Hoke C. S	Carl J. Hoke	Pottsville

District	Operator	General Manager	Address
18	Hazleton Cinder & Supply bk	R. S. Anderson	Beaver Meadows
21-25-27	Hegins Mining Co. BP DM	William Carl	Hegins
11	Heights Coal Co. DM S	Gene Popple	Pittston
25	Herb & Reed Co. DM	Harry Reed	Tower City
12	Herb Coal Co. ©	Frank Herb	Berryburg
30	Herring Brothers DM	Lester L. Herring	Pine Grove R. D. 2
30	Herring Coal Co. DM	Daniel Herring	Pine Grove R. D. 2
25	Herring-Smith-Frew Coal Co. ©	Harvey Herring	Tremont
30	Herring & Zimmerman Coal Co. ©	Richard Herring	Pine Grove R. D. 2
16	High Test Coal Co. DM	Kenneth Curran	Minersville
19	Hill Coal Co. ©	Thomas Donald	New Philadelphia
18	Hillside Coal Co. BP	T. Norvidas	Tamaqua R. D. 3
27	Hill Vue Coal Co. BP	Stanley Polaski	Ashland
21	Hoffman, Howard S	Howard Hoffman	Pottsville
16	Hoffman Coal Co. ©	Roy Hoffman	Klingerstown
19	Holmes Coal Co. ©	John Kline	Palo Alto
15	Honeybrook Mines, Inc. B S	George Seiler	Audenzried
24	Hoover Mining Co. BP	George W. Hoover	Sunbury
27	Hoover & Reed Coal Co. DM	Allen Reed	Cressona
19	Horvath Partnership ©	William Horvath	Girardville
20	Howells, T. S. & Olaf S. Strip. Co. S	Stanley Olaf	Kilpmon
1-11	Hudson Realty Co., Inc. S	Ivor L. Williams	Wilkes-Barre
15-26	Huss, George S bk	George Huss	Beaver Brook
25	Huth Coal Co. ©	Peter Huth	Zerbe
25	Indian Head Coal Co. B S bk	Peter Loretti	Pine Grove
23	J. B. Coal Co. ©	Francis Kocur	Shamokin
20	J. & C. Coal Co. ©	Salvatore Coroniti	Kulpmont
20	J. & C. Coal Co. ©	James Rovito	Kulpmont
16	J. & C. Coal Co. DM	Joseph Malacavage	Pottsville R. D. 1
22	J. & D. Coal Co. ©	Joseph Dyszel	Girardville
19	J. D. S. Coal Co. DM	Michael J. Herbert	Minersville
26	J. E. B. Coal Co. ©	George Boychuck	Gilberton
29	J. & K. Coal Co. ©	John Korzeniecki	Mount Carmel
20	J. J. J. Coal Co. ©	Joseph Yatsko	Mount Carmel
30	J. & S. Coal Co. ©	George Carl	Tower City
12	J. & S. Coal Co. ©	Stiney Rodichak	Williamstown
15-20-22	Jeddo-Highland Coal Co. B S bk	Wilmot C. Jones	Jeddo
24	Jeremiah Partnership ©	Benjamin Jeresiah	Shamokin
25	Jewell Ridge Coal Co. DM	Andrew Drebitko	Pottsville
29	Joe Coal Co. ©	Joseph Dombroski	Shamokin
30	Joliett Realty Co. BP	Peter Loretti	Pine Grove
26	Jones Coal Co. DM	John Jones	Mahanoy City
12	K. A. M. Coal Co. W bk	Peter J. McCormick	Lykens
30	K. B. M. K. Coal Co. ©	Leonard Krise, Sr.	Tremont
24	K. & D. Coal Co. BP	Albert Koppenhaver	Shamokin
30	K. & D. Coal Co. DM	Joseph Dando	Pottsville R. D. 2
20	K. & D. Coal Co. ©	Anthony Kurtz	Shamokin
12	K. E. W. Coal Co. DM	Kermit Klinger	Gratz
27	K. & G. Coal Co. DM	Elwood Knorr	Hegins R. D. 1
29	K. & G. Coal Co. ©	Harry Gruzul	Ranshaw
20	K. & G. Coal Co. ©	Anthony Kurtz	Shamokin
24	K. G. & L. Mining Co. ©	John Krollick	Kulpmont
21	K. G. & P. Coal Co. ©	Floyd Koch	Schuylkill Haven
20	K. & H. Coal Co. DM	Charles Hepler	Kulpmont
22	K. & H. Excavating, Inc. S	Edward Helfrick	Mount Carmel
19	K. H. & E. Coal Co. ©	George Kripas	Port Carbon
29	K. H. K. Coal Co. ©	Robert Kabonick	Shamokin
22	K. H. & P. Coal Co. S	William Hampton	Aristes
26	K. & K. Coal Co. ©	John Klipola	Mahanoy City
23	K. & K. Coal Co. ©	George Kastropa	Ranshaw
22	K. & K. Coal Co. S	Joseph R. Kovaleski	Mount Carmel
12	K. & L. Coal Co. ©	Wilmer Long	Elizabethville
21	K. & L. Coal Co. ©	Robert Kahler	Helfenstein
20-23	K. & L. Coal Co. ©	Edward Lashendock	Keiser
21	K. & M. Coal Co. ©	Con Kulpavage	Pottsville R. D. 2
19	K. & M. Coal Co. ©	Charles Metroka	St. Clair
18	K. & M. Coal Co. ©	Adam Kanger	Cumbola
18	K. M. & F. Coal Service BP	H. Fees	Middleport
30	K. & N. Coal Co. ©	Bruce Klouser	Valley View
20	K. & P. Coal Co. ©	Charles Koschoff	Catawissa R. D. 1
21	K. & P. Coal Co. BP	Charles Kiertekles	Minersville
20	K. & P. Coal Co. ©	John Polcovich	Centralia
11	K. P. T. Coal Co. S	Joseph Kenzakoski	Wilkes-Barre
27	K.O.R. Coal Co. DM	Stanley Korenkewicz	Lost Creek
27	K.R.G. Coal Co. DM	Howard Renninger	Pine Grove

District	Operator	General Manager	Address
27	K. & S. Coal Co. ©	Clair Kimmel	Pine Grove
23	K. & S. Coal Co. ©	Enoch Karlovich	Mount Carmel
28	K. W. & J. Coal Co. ©	Wilbur Johnson	Elysburg
12	K. W. K. Coal Co. ©	Bryant Klinger	Lykens
29	K. & Z. Coal Co. ©	Joseph Zack	Shamokin
24	K. & Z. Coal Co. ©	Henry Zimmerman	Shamokin
21	Karbar Coal Co. ©	Albert Karol	Pottsville R. D. 1
29	Kaleta Coal Co. ©	James Kalota	Shamokin
1-3	Kaminski Bros., Inc. S	Walter Kozak	Avoca
11-15	Kassa Coal Co. BP S bk ©	Nicholas Kassa	Dupont
30	Keffer's Coal Co. DM ©	Peter Poletti	Valley View
16	Kehler Coal Co. DM	Cleaton Kehler	Hegins
30	Keim Coal Co. DM	Ralph Keim	Tower City R. D. 1
17	Kent Coal Co. ©	Wm. J. Reichenbach	Trevorton
22	Kerrigan, Paul S	Paul Kerrigan	Ashland
28	Kerstetter Coal Co. ©	Lemar Kerstetter	Shamokin R. D. 2
24	Kerstetter & Weikel ©	Eugene Weikel	Shamokin R. D. 2
19	Keystock & Klinger Partnership ©	Anthony Keysack	St. Clair
24	Kilo Brothers Coal Co. ©	Stephen Klebasko	Shamokin
12	Kimmel Coal Co. bk	William Kimmel	Jonestown R. D. 2
30	Kintzel Brothers Coal Co. ©	Nathan Kintzel	Pine Grove R. D. 2
19	Klimas Coal Co. DM	Albert Klimas	New Philadelphia
27	Klinger Coal Co. ©	Earl Klinger	Hegins R. D. 2
25	Klinger Coal Co., Harry ©	Harry Klinger	Ashland
19	Klinger Coal Co. ©	Homar Klinger	Gordon
26	Kluchinsky & Co. ©	Albert Kluchinsky	Mahanoy City
25	Knorr & Geist ©	Elwood Knorr	Hegins
25-27	Knorr Coal Co. ©	Leroy Knorr	Hegins
25	Koch's Coal Co. BP	Joseph Koch	Pine Grove
30	Kocher Coal Co. BP	Leon E. Kocher	Valley View
19	Kochmier Coal Co. ©	Joseph Kochmier	Mary-D
19	Kochmier Partnership ©	John Kochmier	Cumbola
25	Koons & Reber Coal Co. ©	Marcus Koons	Pine Grove 3
21	Kopentz Coal Co. ©	Paul Kopentz	Pottsville R. D. 1
27	Koperna Coal Co. ©	Andrew Koperna	Schuylkill Haven
25	Koperna Coal Co., Frank ©	Frank Koperna	Schuylkill Haven 1
25	Koperna Coal Co. ©	John Koperna	Schuylkill Haven 1
23	Kopitsky Brothers ©	Leo Kopitsky	Ranshaw
12-16	Koppenhaver Coal Co. DM	Howard Koppenhaver	Tremont
21	Koris Co., Inc. S	Robert W. Rissinger	Valley View
20	Koschoff Coal Co. ©	Charles Koschoff	Catawissa
20	Koss Coal Co. ©	Alfred Lucas	Lavelle
19	Kost Partnership ©	Charles Kost	St. Clair
20	Kovach Coal Co. ©	Alex Kovach	Kulpmont
21	Kowalchick, Michael BP	Michael Kowalchick	Minersville
23	Kozar Coal Co. ©	Robert D. Kozar	Shamokin
30	Kreiser, Harvey R. W bk	Harvey R. Kreiser	Annaville R. D. 2
18-19	Krell Coal Co., Philip S	Philip Krell	Tamaqua R. D. 3
18	Kristoff Coal Co. DM	G. Kristoff	Mary-D
21-30	Kulp Coal Co., Paul ©	Paul Kulp	Wiconisco
28	Kulpmont Coal Co. ©	Michael Habowski	Kulpmont
1	Kuna Coal Co. S bk	Peter Kuna	Carbondale
20	L. & B. Coal Co. ©	John Lauda	Keiser
15	L. & D. Mining, Inc. DM ©	Gene Schan	Hazleton
20	L. & E. Coal Co. ©	Peter Elgin	Atlas
24	L. & G. Coal Co. ©	Earl Greager	Shamokin
30	L. & H. Coal Co. DM	David Lehman	Tremont
12	L. & K. Coal Co. ©	Wilmer Long	Elizabethville
16	L. & L. Coal Co. ©	Floyd Long	Klingerstown
28	L. & L. Coal Co. ©	John Lenig	Shamokin R. D. 1
29	L. & M. Coal Co. ©	Luke McDonald	Ashland
17	L. & M. Coal Co. ©	Gilbert L. Maurer	Trevorton
16	L. O. B. Coal Co. ©	Mark Osman	Valley View
28	L. & S. Coal Co. ©	Salvatore Stellar	Shamokin
24	L. & Z. Coal Co. ©	Michael Zyry	Shamokin
20	L. & Z. Coal Co. ©	Joseph Zukas	Atlas
1	Lackawanna Cinder & Silt Co. bk	William Galpin	Scranton
12	Lehr Coal Co. ©	Marlin Lehr	Williamstown
18	Lanscoal Coal Co., Inc. DM	S. Karabinus	Lansford
29	Lashendock & Glowaski Coal Co. ©	Edward Lashendock	Keiser
18	Laurel Hill Coal Co. DM	A. Wiesacosky	Pottsville
26	Lazo Coal Co. ©	Stiney Lazaravage	Mahanoy City
15	Lee Mining Co., J. F. DM	Joseph Lee	Hazleton
16	Legal Coal Co. BP S	Harry Golden	Pottsville R. D. 2
11-15-22-26	Lehigh Valley Anth., Inc. BP bk S DM	Frank Moran	West Pittston

District	Operator	General Manager	Address
30	Lehman Coal Co. ©	Mervin Lehman	Pine Grove R. D. 1
30	Lengel Coal Co., Warren DM	Warren Lengel	Pine Grove R. D. 2
15	Leonard Coal Co. BP	Frank Leonard	Hazleton
30	Licomia Coal Co. DM	John Mazur	Mount Carmel
24	Linda Mining Co. ©	Wilbert Elliott	Shamokin
23	Little Coal Co. ©	Edward L. Little	Kulpmont
21	Live Oak Coal Co. BP	Peter Laychock, Sr.	Pottsville R. D. 1
26	Locust Valley Coal Co. B bk	Herman Yudacufski	Mahanoy City
11	Lombardi Coal Co. S	Nuncio Lombardi	Moosic
23	Lone Pine Coal Co. ©	Jerome Zupchick	Shamokin
22	Lone Star Coal Co. DM	Kenneth Curran	Minersville
18	Lone Star Coal Co. DM ©	Michael Bubel	Brockton
29	Long & Long Coal Co. ©	John Long	Shamokin
28	Lotus Coal Co. ©	Thomas Anzulavich	Shamokin
22	Low Ash Coal Co. ©	John Kudrick	Girardville
24	Lower Region Colliery W	Howard Tharp	Shamokin
12	Lucas & Sons Coal Co., Earl. ©	Earl Lucas	Hegins R. D. 2
30	Lucas Coal Co., Fred DM	Fred Lucas	Tremont
16	M. A. C. C. Coal Co. DM	Albert Artz	Pine Grove R. D. 1
30	M. B. G. Coal Co. ©	Ralph E. Miller	Mount Carmel
28	M. G. & S. Coal Co. ©	Joseph Murin	Ashland
20	M. & H. Coal Co. ©	John Mekosh	Kulpmont
22	M. K. & Z. Coal Co. ©	Edward McGinley	Mount Carmel
22	M. & M. Coal Co. bk	Frank Moncavage	Mount Carmel
20	M. & M. Coal Co. ©	Francis Matzura	Pottsville
21	M. & N. Coal Co. DM	Michael Olenick	Shamokin
20	M. O. O. Coal Co. ©	Michael Olesnevich	Shamokin
21	M. & P. Coal Co. ©	Lester A. Malafarino	Ashland
22	M. Q. & U. Coal Co. ©	Edward McGinley	Kulpmont
12	M. & R. Coal Co. ©	John W. Miller	Millersburg
21	M. & S. Coal Co. DM	Francis Stine	Branch Dale
19	M. & T. Partnership ©	Michael Dudash	Port Carbon
20	M. & W. Coal Co. DM	William H. Brennan	Mount Carmel
25	M. W. S. Coal Co. ©	Palmer Mervine	Ashland 1
29	M. & Y. Coal Co. ©	Joseph Yankoski	Shamokin
11	Macarelli Coal Co. DM	Matthew Macarelli	Wilkes-Barre
17	Mace Coal Co. ©	Russell Mace	Shamokin
17	Machesic & Crissinger Coal Co. ©	Adam M. Machesic	Trevorton
30	Madenford Coal Co. DM ©	George Madenford	Joliett
27	Makarczyk Coal Co. ©	Joseph Makarczyk	Shenandoah
27	Maiho Coal Co. BP DM	Lavelle	Lavelle
21	Malusky Coal Co. ©	Joseph Malusky	Minersville
27	Mammoth Coal Co. S	Hexman Belardi	Lost Creek
19-21-30	Manbeck Dredging Co. W bk	Charles D. Manbeck	Schuylkill Haven
23	Maple Coal Co. ©	Thomas Kulbacki	Shamokin
21	Maple Spring Coal Co. BP	Joseph Pilius	Seltzer
12	Marchuk Coal Co. ©	Steve Marchuk	Reinerton
15	Marko Coal Co. ©	John Marko	Shenandoah
21	Marko Land Co. S	Paul Kerrigan	Frackville
18	Markosky & Ponzurick Coal Co. ©	Joseph Markosky	Zion Grove
17	Marquette Coal Co. ©	Darwin H. Marquette	Shamokin
18	Nar Stripping & Excavating Co. bk	J. D. A. Mariner	Tamaqua R. D. 2
27	Mataka Coal Co. ©	John Mataka	Pottsville R. D. 2
1	Matisko Coal Co. bk	John Matisko	Lake Ariel
26	Matrishin & Co. ©	John Matrishin	Barnesville
28-29	Mattis Coal Co. ©	Frank Mattis	Shamokin
21	Matz Coal Co. ©	Andrew Matz	Pottsville R. D. 1
16	Maurer Coal Co., Clark DM	Clark Maurer, Jr.	Hegins
28	Maurer Mine, Paul DM ©	Paul Maurer	Shamokin
28	Maurer Mine, Raymond ©	Raymond Maurer	Helfenstein
12	Maurer Coal Co., Wilmer DM	Wilmer Maurer	Hegins R. D. 2
12	Mauser Coal Co. ©	Albert Mauser	Loyalton
23	Mayton Brothers ©	Joseph Mayton	Shamokin
26	Mazaika Bros. Coal Co. BP	Edward Mazaika	Tamaqua R. D. 2
1	Mazzoni Coal Co. DM	Delmo Mazzoni	Peckville
12	Meadowbrook Coal Co. BP	Leslie Kimmel	Tower City
20	Mekosh Coal Co. ©	John Mekosh	Ashland
27	Mercy Coal Co. DM	Marlin Bender	Tower City
27	Mercury Coal Co. DM	Leon Richter	Tremont
15	Merola Coal Co. ©	Joseph Merola	Pardeesville
25	Mervine & Sabatino Coal Co. ©	Palmer Mervine	Hegins
27	Metzinger Coal Co. DM	Donald Metzinger	Lavelle
27	Mickey Coal Co. ©	Joseph Mickatavage	Ashland
1	Micklick Coal Co. ©	Steve Micklick	Jessup
1	Mid-Valley Coal Co. DM	Anthony Matrone	Old Forge

District	Operator	General Manager	Address	167
23-29	Miller Coal Co. ©	John Miller	Shamokin	
27	Miller Coal Co. DM	Daniel Miller	Hegins	
15	Miller & Co. ©	Peter Miller	Nuremberg	
19	Minarick Coal Co. ©	Thomas Minarick	Cumbola	
22	Mince Coal Co. ©	Felix Bodgon	Shenandoah	
21	Minchoff & Weikel Coal Co. ©	Philip Minchoff	Port Carbon	
17	Minel, Inc. S	S. S. Korenkiewicz	Shamokin R. D. 1	
15	Minerals Recovery Corp. B bk	Eugene Beaver	Hazleton	
21	Minersville Coal Co., Inc. BP	Leo Strenkoski	Minersville	
25	Minnichbach Coal Co. ©	Albert Minnichbach	Zerbe	
11	Mitchell Coal Co. DM	Joseph Mitchell	Dickson City	
26	Mocknick & Co. ©	Metro Mocknick	Delano	
3	Moffat Coal Co., Inc. B DM S	Earl W. Lamb	Scranton	
3	Monroe Co., Inc. W bk	David Bressler	Scranton	
21	Montrose Coal Co. DM	William Brennan	Minersville	
17	Moore Coal Co. ©	Claude A. Moore	Shamokin R. D. 2	
20	Morack Coal Co. DM	John Morack	Mount Carmel	
26	Moran & Co. ©	David Moran	Barnesville	
26	Morea Mining Co., Inc. S	Albert Peca	Mahanoy City	
16	Morgan & Harner Co. DM	Ario Morgan	Hegins R. D. 1	
12	Morgan Coal Co., Hexman ©	Herman Morgan	Williamstown	
12	Morgan Coal Co. ©	Ira Morgan	Valley View	
29	Moroz Coal Co. ©	Edward Moroz	Mount Carmel	
24	Morta Coal Co. ©	Lawrence Morta	Keiser	
27	Mosolino Contracting Co. W bk	Mark Mosolino	Gordon	
29	Motto Coal Co. ©	Frank J. Motto	Excelsior	
18	Mountain Side Coal Co. BP	J. Keller	Tamaqua R. D. 3	
3	Mountain Slope Coal Co. DM	Luke Keating	Old Forge	
25	Mountain Top Coal Co. ©	William Vesay	Minersville	
15	McAdoo Coal Mining ©	Gene Pinter	McAdoo	
29	McBab Coal Co. ©	William Klokis	Shamokin	
19	McElvaney Coal Co. ©	Richard McElvaney	St. Clair	
19	N. & F. Partnership ©	Stanley Neidlinger	St. Clair	
17	N. & L. Coal Co. ©	Anthony J. Novrocki	Paxinos R. D. 1	
20	N. & M. Coal Co. ©	Victor Nestico	Kulpmont	
12	N. N. K. Coal Co. ©	Harvey Neumeister	Hegins R. D. 2	
3	N. & R. Coal Co. bk	Nunz N. Savoy	Wyoming	
25	Nagle, Inc., W. Joseph S	W. Joseph Nagle	Cressona	
29	Nahodil Coal Co. ©	Russell Nahodil	Shamokin	
29	Nat Coal Co. ©	Dal Elliot	Shamokin	
29	National Mining Co. DM	Vincent Varano	Shamokin	
27	Neumeister's Coal Co. DM	Warren Neumeister	Ashland	
21	Neumeister Coal Co. ©	Marlin Neumeister	Ashland R. D. 1	
21	Neumeister & Son Coal Co. ©	Harvey T. Neumeister	Hegins R. D. 2	
16	Ney & Lehman Coal Co. DM	Carl Ney	Valley View	
19	Ney Partnership ©	Donald Ney	Cumbola	
18	Niadna Coal Co., Frank ©	Frank Niadna	New Philadelphia	
24	North Line Coal Co. S	C. Wayne Troxell	Shamokin	
17	North Side Coal Co. ©	John Fedako	Ashland R. D. 1	
1	Northwest Mining Co., Inc. B DM	Thomas J. Gillen, Jr.	Carbondale	
19	Noyalas Coal Co. ©	Edward Noyalas	Frackville	
28	No. 1 Vein Coal Mine DM	Raymond Keefer	Shamokin R. D. 2	
12	No. 4 Coal Co. DM	Frank Lucas	Hegins	
29	O. & B. Coal Co. ©	Peter Bendas	Ranshaw	
20	O. & M. Coal Co. ©	Vincent O'Neill	Ashland	
25	Oakwood Coal Co. BP	David Deaven	Pine Grove	
23	Olbrish Brothers ©	Edward Olbrish	Kulpmont	
3	Old Forge Coal Co. B	Louis A. Bernardi	Old Forge	
21	Old Mill Coal Yard BP	Raymond Stein	Llewellyn	
21	Olenick Coal Co. ©	John Olenick	Pottsville R. D. 1	
21	Olenick Brothers Coal Co.	John Olenick	Pottsville R. D. 1	
18	Olesky Coal Co. ©	Vincent Olesky	New Philadelphia	
11	Oliver Coal Co. DM	Albert Oliver	Pittston	
26	Olman & Co. ©	Vincent Olman	McAdoo	
23	Olsenevich & Mausley ©	Paul Mauseley	Shamokin	
30	Orbit Coal Co. DM	Thomas E. Daubert	Pine Grove R. D. 1	
19	Orchard Coal Co. ©	William Reppy	St. Clair	
21	Otto & Son Coal Co. DM	John Otto	Hegins	
12	P. & C. Coal Co. ©	Andrew Perseponko	Williamstown	
19	P. & D. Coal Co. ©	Joseph Peck	Pottsville	
19	P. H. & K. Partnership ©	Joseph Pitel	Pottsville	
20	P. & M. Coal Co. S	Anthony Pavoris	Atlas	
22	P. & M. Coal Co. bk	V. Pitingolo	Mount Carmel	
21	P. & P. Coal Co. ©	Walter Pewar	Pottsville R. D. 1	

District	Operator	General Manager	Address
18	P. & P. Coal Co. bk	C. M. Pacine	Port Carbon
23	P. & R. Coal Co. *	Walter Pohekila	Shamokin
23	P. & S. Mining Co. DM	John Perles	Paxinos R. D. 1
24	P. & S. Coal Co. *	George Shumock	Shamokin
29	P. S. V. Coal Co. *	Bernard Pincoski	Shamokin
12	P. & W. V. Coal Co. R	George Fronk	Valley View
24	P. & T. Coal Co. *	John Poplaski	Shamokin
23	Pahira & Niel S	Charles Niel	Frackville
20	Palmer Coal Co. *	John Palmer	Shamokin
16-25	Parkway Anthracite Co., Inc. BP DM	William Jones, Jr.	Pottsville
19	Partnership Coal Co. *	Bruce Culbert	Pottsville R. D. 3
19	Partnership Coal Co. *	Joseph Markowski	Port Carbon
1	Pasternak Bros. S	John Pasternak	Taylor
19	Paul's Coal Co. bk	William Paul	Frackville
19	Peach Mountain Partnership *	Charles Steranko	Pottsville
26	Peca Coal Co., Inc. DM	Albert Peca	Mahanoy City
18-19	Peck Coal Co. *	Joseph Peck	Pottsville
25	Penag Coal Co., Inc. B DM	Edward V. Twigg	Tremont
1	Penbrook Coal Co. B bk	Richard Fabri	Archbald
1	Penn Coal Co. M	Joseph Martin	Dunmore
15	Perchak Trucking Co. bk	Steve Perchak	Hazleton
23	Perles, John *	John Perles	Elysburg
1	Perry Coal Sales Co., Thomas bk	Thomas Perry	Scranton
23	Petro Coal Co. *	George Nemeth	Kulpmont
29	Petrovich Coal Co. *	Stanley Petrovich	Kulpmont
17	Phillips Coal Co. DM	Lewis H. Phillips	Shamokin R. D. 1
1	Pientack Coal Co. DM	Henry Pientack	Archbald
12	Pine Creek Coal Co. BP	Harrison Klingner	Spring Glen
27	Pine Ridge Mining Co., Inc. BP bk	Paul Kerrigan	Ashland
17	Pine Tree Coal Co. *	Blair E. Deibler	Shamokin
29	Pisarz Coal Co. *	George Pisarz	Kulpmont
20	Pizzoli Coal Co. DM	Joseph Wisneskie	Atlas
26	Pleasant Hill Coal Co. DM	John Gurski	Mahanoy City
29	Plymouth Coal Co. *	Peter Bendas	Ranshaw
20	Polcovich Coal Co. *	John Polcovich	Centralia
1-11	Pompey Coal Co. B bk	Charles Pompey	Jessup
20	Poponiak Bros. Coal Co. *	John Poponiak	Keiser
19	Port Coal Co. *	Edward Cooper	St. Clair
25	Potts Contracting Co. BP	Allen Potts	Pine Grove
29	Primrose Coal Co. *	T. Lloyd Duncan	Shamokin
20	Primrose Coal Co. *	Albert Snyder	Shamokin
19	Pure Coal Co. *	Anthony Chavokis	Port Carbon
13	R. A. Corporation S	Albert Biscontini	Kingston
20	R. B. F. Co. bk	Robert Fanella	Atlas
12	R. & D. Coal Co. *	Ray Lucas	Williamstown
18	R. G. & C. Coal Co. *	John Roman	New Philadelphia
30	R. & J. Coal Co. DM	Mark Minnich	Pine Grove R. D. 1
16	R. & K. Coal Co. DM	George Rigdosh	Wiconisco
29	R. K. D. Coal Co. *	T. Lloyd Duncan	Shamokin
12	R. K. W. Coal Co. *	Bryant Klingner	Lykens
20	R. & L. Coal Co. *	Francis Revenis	Centralia
19	R. & L. Partnership *	Wilbert Reber	Pottsville R. D. 3
23	R. O. & Y. Coal Co. *	George Ruedmiller	Shamokin
24	R. & P. Coal Co. *	John Yadwinski	Shamokin
22	R. & P. Mining Co. *	Joseph Perlacia	Frackville
18	R. & R. Coal Co. W bk	A. Roinick	Lehighton R. D. 2
12	R. & S. Coal Co. DM	Frank Sinko	Shamokin
22	R. & W. Coal Co. *	William Weir	Ashland
28	R. & Z. Coal Co. *	Irvin Reigle	Shamokin R. D. 2
15-20-29	Racho, George bk	George Racho	Hazleton
17	Rackzowski & Sons *	Albert Rackzowski	Shamokin
24	Radziewicz Brothers *	Frank Radziewicz	Shamokin
20	Raker Coal Co. *	George Raker, Jr.	Aristes
21	Rann Coal Co. *	Earl Richards	Ashland
23	Ramp, Melvin *	Melvin Ramp	Kulpmont
24	Ranshaw Contractors & Wreckers bk	Leonard Chapleski	Ranshaw
25	Ray Coal Co. *	Ray Edwards	Pottsville
17-19-21-23-26-27	Reading Anthracite Co. BP-S bk	John W. Rich	Pottsville
22	Red Coal Co. *	Louis Moyer	Ashland
23	Redd, Joseph *	Joseph Redd	Kulpmont
17	Reed Mining Co. * DM	John M. Reed	Shamokin
21-27	Reichwein & Beury Coal Co. BP *	Harold Reichwein	Ashland R. D. 1
20-24	Reidinger Coal Mining Co. bk *	Joseph Reidinger	Paxinos
24	Reidinger Coal Service BP	E. J. Rosini	Shamokin

District	Operator	General Manager	Address
18	Reiseg & Chappell Coal Co. DM *	L. Reiseg	Barnesville
21	Rekla Coal Co. DM	Guy Recla	Port Carbon
30	Renninger & Thompson Coal Co. *	Theodore Renninger	Zerbe
25	Renninger Coal Co., Inc. DM	Theodore Renninger	Zerbe
19	Renninger Partnership *	Arthur Coulson	Pottsville
20	Rick Coal Co. bk	Michael Rick	Kulpmont
17	Rex Coal Co. *	Charles H. Foulds	Trevorton
21-27	Rickert Brothers Coal Co. DM *	Thomas Rickert	Tower City
19	Ridge Stripping Co., Inc. S	Richard B. Ryon	Pottsville
19	RIKI Corporation bk	Richard B. Ryon	Pottsville
17	Rocky Mountain Coal Co. *	Melvin T. Kerstetter	Shamokin R. D. 2
29	Rocky Side Coal Co. *	James Guisbert	Paxinos
18	Romanosky Partnership *	Thomas Green	Frackville
18	Romanosky Coal Co. *	John Romanosky	New Philadelphia
11	Rosenn, Harold S	Clyde Tonkin	Wilkes-Barre
17-24	Rosini Coal Co. S BP	Evoldo J. Rosini	Shamokin
12	Rowe Coal Co. *	Arthur Rowe	Loyalton
12	Rowe & Marchuk Coal Co. *	Steve Marchuk	Reinerton
29	Royal Coal Co. *	Dal Elliot	Shamokin
28	Royal Mining Co. *	Frank Rosini	Shamokin
22	S. A. S. Coal Co. *	Joseph Almeda	Atlas
21	S. & B. Coal Co. *	Edward Sorokach	Minersville
19	S. & D. Coal Co. *	John Donewski	St. Clair
19	S. & D. Partnership *	Peter Smertsky	Frackville
25	S. & F. Coal Co. *	Anthony Sabitsky	Pottsville 2
19	S. & G. Coal Co. *	Joseph Shamonsky	Minersville
29	S. & H. Coal Co. *	Joel Strausser	Shamokin
22	S. & K. Coal Co. *	Mike Smolock	Centralia
19	S. K. & S. Partnership *	Frank Santai	Marlin
27	S. & M. Coal Co. DM *	John Simodejka	Minersville
1	S. & M. Coal Co. *	Anthony Sardo	Throop
28	S. & M. Coal Co. *	Matthew Strike	Mount Carmel
12	S. & R. Coal Co. *	Richard Shade	Rebuck
29	S. & S. Coal Co. *	David Stark	Kulpmont
26	S. & S. Coal Co. *	Walter Sherkness	Mahanoy City
19	S. & S. Coal Co. *	Frank Szalku	St. Clair
16	S. & S. Coal Co. DM	Lloyd Stutzman	Valley View
12	S. & S. Coal Co. *	Ralph Swartzlander	Joliett
25	S. S. & M. Coal Co. *	James Schoffstall	Tremont
26	S. S. & Z. Coal Co. *	John Smith	Ringtown
18	S. & W. Coal Co. *	Cletus Smith, Jr.	Mahanoy City
30	S. & W. Coal Co. DM	G. Leonard Williamson	Valley View
26	Sabol & Co. *	John Sabol	Mahanoy City
26	Sabol & Co. *	Joseph Sabol	Mahanoy City
20	Sagon Coal Co. DM	Joseph Brosius	Shamokin R. D. 2
19	Salem Creek Coal Corp. BP	Louis J. Pagnotti, Jr.	West Pittston
12	Salic Coal Co., Harry *	Harry Salic	Williamstown
12	Sallada Coal Co. *	Leroy Sallada	Valley View
30	Sallada Coal Co. *	Lewis Shell	Tower City
13	San Mining Co., Inc. DM	George H. Kienzle	Kingston
22	Sanchez Construction Co. S	Alonso Sanchez	Centralia
23	Sanders Coal Co. *	Walter Anascavage	Shamokin
15	Sandy Run Miners & Producers, Inc. B	SThomas George	Freeland
16	Savidge Coal Co. *	Wilmer Savidge	Hegins
23	Savitski Brothers S	Edward Savitski	Atlas
20	Savitski Brothers Coal Sales BP	Joseph Savitski	Atlas
21	Scheib Coal Co. DM	Michael Scheib	Tremont
22	Schlader & Reichwein *	Leon Reichwein	Lavelle
25	Schneck Coal Co., Thomas W. BP	Thomas Schneck	Pine Grove
18	Schock, Norman C. S	Norman C. Schock	Tuscarora
21	Schuykill Contracting Co. S	Frank Ryan	Pottsville R. D. 2
27	Schwartzlander Coal Co. DM	Jacob Schwartzlander	Tremont
19	Scutta Coal Co., Inc. bk	Robert Scutta	Tamaqua
11	Scranton Excavating Co. S	Rocco Domiano	Old Forge
18	Seaboard Industries, Inc. bk	W. Joachim	Wynnewood
21	Seanawaitis Bros. Coal Co. *	Anthony Seanawaitis	Minersville
11	Sebastopol Coal Co. BP bk	Anthony Giarratano	Pittston
20	Sejuit & Wisneskie Coal Co. *	John Sejuit	Kulpmont
21	Salkirk Coal Co. *	Chester J. Zelinsky	Cumbola
26	Seltzer Coal Co. BP	Frank Seltzer	Frackville
16	Shade Coal Co. DM	Alvin Shade	Valley View
12	Shade, John A. S	John A. Shade	Valley View

District	Operator	General Manager	Address
15	Shadel Coal Co., Harry	Harry Shadel	Frackville
29	Shady Side No. 1 Coal Co.	Darwin Maurer	Shamokin
29	Shady Side No. 2 Coal Co.	Charles B. Deitrick	Shamokin
25	Shally Construction Co. S	Steve Shallamanda	Ashland R. D. 1
25	Sharp Mountain Coal Co.	Tony Donofrio	Pine Grove 1
15	Shenandoah Coal Co.	Leo Slominsky	Shenandoah
20	Shoffler Coal Co.	Allen Shoffler	Keiser
12	Shomper Coal Co. BP	Russell Shomper, Sr.	Williamstown
12	Short Mountain Slope Coal Co. DM	Mark Reed	Spring Glen
16	Shuey Coal Co. DM	John Ebert	Hegins R. D. 2
20	Shuey & Morgan Coal Co. DM	Lawrence Shuey	Hegins
24	Shumock Company, George	George Shumock	Shamokin
29	Shurock Coal Co.	Thomas Shurick	Shamokin
19	Silver Creek Coal Co.	Donald Ney	Cumbola
18	Silver Creek Coal Co., Inc. BP	N. J. Herbert	New Philadelphia
21	Siminitus Coal Co.	Edward Siminitus	Pottsville R. D. 1
26	Simoes & Co. DM	Manuel Simoes	Mahanoy City
12	Sitlinger & Tschopp Coal Co.	Robert Sitlinger	Lykens
22	Skidmore Coal, Inc. DM	William Gilbert	Centralia
18	Skripnek Coal Co.	Daniel Skripnek	New Ringgold
19	Skrobok & Gall Partnership	Adam Skrobok	Pottsville R. D. 3
26	Skytop Coal Co. BP	John Periera	Mahanoy City
1	Slenska Coal Co. S	Michael Slenska	Mayfield
26	Sluck Coal Co. DM	Joseph Sluck	Gilberton
12	Smeltz Coal Co.	Clarence Smeltz	Dornaise
27	Smith Coal Co. DM	Louis Smith	Locust Gap
22	Smith Coal Co. DM	Clarence Smith	Aristes
18	Smith Coal Co. DM	Herbert Smith	Delano
18-26	Smith Coal Co.	John A. Smith	Ringtown
12	Snyder Coal Co., John bk	John Snyder	Pottsville R. D. 1
12	Snyder Coal Co.	Robert Snyder	Spring Glen
29	Soroka & Morena Coal Co.	John Soroka	Excelsior
21	Sorokach Coal Co.	Michael Sorokach	Minersville
26	Soucheck & Co.	Frank Soucheck	Mahanoy City
28	South Mountain Coal Co.	Ira Wilkinson	Trevorton
21	South River Coal Co., Inc. S	Eugene Williams	Brockton
18	South Tamaqua Coal Pockets BP	D. H. Warne	Tamaqua
30	Spancake & Herring DM	Milton Spancake	Pine Grove R. D. 2
24	Split Vein Coal Co. BP	Elwood Spank	Paxinos
18	Spring Creek Coal Co. BP	L. Bechtel	Tamaqua R. D. 3
17	Springfield Coal Co.	Stanley S. Kozenkiewicz	Shamokin
29	Stag Coal Co.	Parker Hughes	Shamokin
30	Stahl & Shade Coal Co. DM	John Stahl	Valley View
17	Stan Coal Co.	F. J. Stankiewicz	Shamokin
29	Star Coal Co.	Bernard Pincoski	Shamokin
21	Starinsky & Leonas Partnership	Anthony Leonas	Minersville
12	Starnosky Coal Co., Eugene	Eugene Starnosky	Williamstown
12	Stroup Coal Co.	Clarence Stroup	Dalmatia
24	Steam Coals, Inc. BP	C. Wayne Troxell	Shamokin
28	Stellar Bros. Coal Co.	Bernard Stellar	Kulpmont
18	Stiendel Equipment Co. bk	R. Stiendel	Scranton
12	Stonehill Coal Co. BP	Joel Strohecker	Elizabethville R. D. 1
21	Studlack Partnership	George Studlack	Minersville
30	Stump Coal Co., F. B.	F. B. Stump	Pine Grove R. D. 2
1	Sturgis Coal Co.	Joseph Kryzanowski	Taylor
26	Styka Coal Co.	Edward Styka	Barnesville
11-13	Sullivan Trail Coal Co. bk M	Frank Moran	West Pittston
28	Sun Coal Co.	Donald Klemick	Shamokin
28	Sunshine Coal Co. BP	Ralph H. Steinhart	Trevorton
16	Superior Coal Co. BP	Roy Blyler	Valley View
11-14-20-23-24	Susquehanna Coal Co. BP DM S	William Moore	Nanticoke
17	Swamp Coal Co.	Joseph G. Murin	Mount Carmel
27	Swatara Coal Co. S	William Parker, Sr.	Minersville
25	Swatara Coal Co. BP	William Pryce Parker	Minersville
24	Swift Coal Sales BP	Adam Swift	Paxinos
19	Swilp Brothers Coal Co.	Raymond Swilp	Tamaqua R. D. 2
19	Swilp Partnership	Raymond Swilp	Tamaqua R. D. 2
20	T. & J. Coal Co.	Thomas Polembas	Mount Carmel
29	T. & W. Coal Co.	Lawrence Warren	Shamokin
17	Taglieri Coal Co.	Harry A. Taglieri	Trevorton
11	Talamelli Coal Co. DM	Velio Talamelli	West Wyoming
19-30	Talbot Realty Co., Inc. S	Paul Kerrigan	Frackville
26	Taris & Co.	Vincent Taris	Mahanoy City
15	Tedesco Bros. Coal Co. BP	Frank Tedesco	Hazleton

District	Operator	General Manager	Address	171
30	Tessco Coal Co. DM	Leonard Contarino	Pottsville	
20	"THE" Coal Co.	Oscar Wallick	Shamokin	
24	Thin Vein Coal Co.	Blair Faust	Shamokin	
23-29	Thomas & Brother, Inc., W.H. BP DM S	George R. Thomas	Shamokin	
18	Three Par Coal Co.	William Lyons	Quakake	
19	Three Par Coal Co.	Bernard Cooper	Port Carbon	
18	Three Star Coal Co.	Michael Ames	Brockton	
27	Tokarchek Coal Co.	Michael Tokarchek	Minersville	
21	Tomalavage Coal Co.	Charles Tomalavage	Middleport	
19	Tracy Coal Co.	Michael Dudash	Tamaqua R. D. 3	
29	Trevorton Coal Co.	Richard Staller	Pine Grove	
12	Trio Coal Co.	William D. Showers	Williamstown	
17	Triple S Coal Co.	Albert J. Shinskie	Shamokin	
1	Tripple Coal Co., A. & C. DM	Rinaldo Alberigi	Jessup	
21	Tropps, L. & J. S	Lawrence Tropp	Pottsville R. D. 2	
1	Turnpike Coal Co. DM S	John Vitalii, Jr.	Dunmore	
28	Twin Oaks Coal Co.	Albert Shepley	Shamokin R. D. 1	
12	Underkoffler Coal Co.	Glen Underkoffler	Williamstown	
12	Underkoffler Coal Co. BP	Herschel Underkoffler	Lykens	
29	Unique Coal Co. S	Millard Long	Kulpmont	
22	Urban Bros. Coal Co.	Richard Urban	Last Creek	
19	V. L. & P. Coal Co.	Harry Price	St. Clair	
11	V-R Coal Corporation DM	Albert Biscontini	Kingston	
26	Valley Coal Co. BP	Stanley Leck	Tamaqua R. D. 2	
24	Valley Coal Co.	Leonard Rupp	Pitman	
12	Valley Construction Co. DM	George Fronk	Valley View	
1	Village Slope Coal Co. DM	Rudolph Rosetti	Jessup	
22	Vinskie Coal Co.	Anthony Vinskie	Ashland	
22	Vinskie & Hendricks Coal Co.	Anthony Vinskie	Ashland	
25	Viola Coal Co., Victor	Victor Viola	Pottsville 2	
1	Virby Coal Co.	George Virbitsky, Jr.	Mayfield	
29	W. B. W. Coal Co.	Alphonse Witowski	Ranshaw	
28	W. & S. Coal Co.	William Stellar	Kulpmont	
30	W. & U. Coal Co.	Allen Umbehauer	Pine Grove R. D. 1	
29	W. & W. Coal Co.	Frank Wilk	Shamokin	
17	W. & W. Coal Co.	Clair Wilkinson	Trevorton	
29	W. W. H. Coal Co.	Frank Wilk	Shamokin	
1	Waddell Coal Mining Co., Inc. W	Peter Brojak	Archbald	
19	Wade Coal Co.	Adam Skrobak	Pottsville R. D. 3	
26	Wadleigh Coal Co.	Frank Mucha	Frackville	
1	Wagner Coal Co.	Andrew Wagner	Jessup	
27	Walaitis Coal Co. DM	John Walaitis	Frackville	
26	Walinchus Contracting Co. DM	William Walinchus	Mahanoy City	
24	Wallick Brothers Coal Co.	Oscar Wallick	Shamokin	
26	Walters Coal Co.	Walter Wojciechowski	Shenandoah	
19	Walton, John BP	John Walton	Pottsville	
21	Waniski Coal Co.	Anthony Waniski	Pottsville R. D. 2	
29	Warren Coal Co.	Lawrence Warren	Shamokin	
27	Watcher Coal Co.	Michael Watcher	Llewellyn	
21	Wecko Coal Co. DM	Earl Kieffer	Hegins	
25	Weihrauch's Co.	Frank Weihrauch	Lebanon	
26	Wessner Coal Co. BP	Lester Wessner	Tamaqua	
28	West Cameron Coal Co. DM	Albert Minker	Shamokin	
17	West End Coal Co.	L. M. Fisher	Trenton	
29	West Point Coal Co.	Joseph Petrovich	Shamokin	
21	West West Coal Co., Inc. DM	Leo Strenkoski	Minersville	
21	Westwood Coal Co. DM	Aurelio Cano	Minersville	
15	Whah, John	John Whah	Quakake	
18	Whippoorwill Coal Co. DM	J. Tarconish, Sr.	Middleport	
27	White Birch Coal Co. DM	Neil DeLance	Shenandoah	
22	White Coal Co.	Wilbur White	Ashland	
12	White's Vein Coal Co. DM	Clayton Shade	Spring Glen	
23	White & Seik	John White	Keiser	
26	Whytko Coal Co.	Edward Whytko	McAdoo	
16	Wiest Coal Co. DM	Stanley Wiest	Herndon R. D. 1	
23	Wilk Coal Co.	Joseph A. Wilk	Shamokin	
18	Williams Partnership	Evan Williams	New Philadelphia	
16	Williamson Coal Co., A. R. DM	A. R. Williamson	Valley View	
23	Witkoskie Coal Co.	Alphonse Witkoski	Ranshaw	
15	Wittig & Chucot	William Wittig	Nuremberg	
12	Wolfe Coal Co.	William Wolfe	Williamstown	
30	Wolfgang Coal Co. DM	Kenneth Wolfgang	Donaldson	
23	Wolfgang, Paul	Paul Wolfgang	Mowry	
25	Woratyla Coal Co. DM	Andrew Woratyla	Branchdale	
24	Worhacz & Appel Co.	Russell Worhacz	Shamokin	



I N D E X

District	Operator	General Manager	Address
21	Wyda Brothers bk	Michael Wyda	St. Clair
3-11	Wyoming Co. W bk	F. J. Collins	Scranton
20	Y. & F. Coal Co. @	George Fago	Centralia
22	Y. & Y. Coal Co. @	Michael Yodis	Mount Carmel
23	Yanik Brothers @	Joseph Yanik	Excelsior
29	Yankoski & Koshinski Coal Co. @	Joseph Yankoski	Shamokin
20	Yasenchak & Co. @	George Yasenchak	Shamokin
19	Yeneshosky Coal Co. @	Edward Yeneshosky	New Philadelphia
18	Yob Coal Co. DM	Leo Yob	Schuylkill Haven
24	Yudacufski Brothers bk	Isadore Yudacufski	Frackville
29	Yuhas Coal Co. @	John Yuhas	Sunbury
21	Z. & M. Coal Co. @	Harry Melenchick	Llewellyn
18	Zakrowsky Coal Co. DM	P. Zakrowsky	Park Crest
23	Zanella Bros. Coal Co. DM	John Zanella	Mount Carmel
29	Zarick Coal Co. @	Joseph Zarick	Shamokin
17	Zerco Coal Co., Inc. DM	Charles J. Greco	Kulpmont
12	Zerembo Coal Co. @	Ralph Zerembo	Tower City
23	Zigarski Coal Co. @	Albert Zigarski	Kulpmont
30	Zimmerman Coal Co., Marlin DM	Marlin Zimmerman	Ravine
20	Zlocki Coal Co. @	Leonard Zlocki	Keiser
21	Zukas Coal Co., Charles @	Charles Zukas	Mount Carmel
11	Zukowski Coal Co. @	Joseph Zukowski	Minersville

\*\*\*

NOTE: DM - Denotes Deep Mines Employing Five (5) or More Persons.  
 @ - Denotes Deep Mines Employing Fewer Than Five (5) Persons.  
 S - Denotes Strip Mine Operations.  
 B - Denotes Breakers.  
 BP - Denotes Breaker Preparation Only.  
 M - Denotes Maintenance.  
 R - Denotes Coal Ramps  
 bk - Denotes Bank Operations  
 W - Denotes Washery.

	<u>PAGE</u>
HIGHLIGHTS OF 1963 . . . . .	8
REMEMBER HAZLETON--Pictures of Sheppton Mine Disaster . . . . .	16
STATISTICAL REPORTS:	
Production, Employes and Fatalities 1870 to 1963 . . . . .	24
Thirty-five Year Study of Anthracite, by County . . . . .	26
Production by County . . . . .	34
Production by District . . . . .	35
Summary of Anthracite Mines, Production and Fatalities . . . . .	36
Summary of Mines Employing More Than Five Persons by District . . . . .	37
Summary of Mines Employing Fewer Than Five Persons by District . . . . .	38
Classification of Employes by District . . . . .	39
Summary of Statistics by District . . . . .	40
Operators Producing 50,000 Tons or More . . . . .	41
Production and Accident Record for Operators Having a Fatality . . . . .	42
Causes of Fatal Accidents by County . . . . .	43
Fatal Accident Victims - 1963 . . . . .	44
Accidents in Which Five or More Persons Were Killed - 1847 to 1963 . . . . .	45
Mechanical Loading, Electric Motors and Pumps Delivering Water . . . . .	49
PRODUCTION TABLE:	
Production, etc. of Anthracite Operators by District . . . . .	52
STRIP MINE PRODUCTION TABLE:	
Production of Anthracite Strip Operators by District . . . . .	100
REPORT OF OPERATIONS EMPLOYING FEWER THAN FIVE PERSONS:	
Production, etc., of Deep Mines Employing Fewer Than Five Persons. . . . .	104
REPORT OF OIL AND GAS DIVISION:	
Tables 1 to 8 . . . . .	118
OIL AND GAS CONSERVATION COMMISSION ANNUAL REPORT OF 1963 . . . . .	137
DIRECTORY:	
Executive and Field Personnel . . . . .	154
Anthracite Mine Inspectors and Oil and Gas Inspectors . . . . .	155
Anthracite Breakers, Washeries and Preparation Plants . . . . .	156
Anthracite Operators, General Managers and Mailing Addresses. . . . .	159