

# coal mining in pennsylvania history

**\*\*The Rich Legacy of Coal Mining in Pennsylvania History\*\***

**Coal mining in Pennsylvania history** is a story deeply intertwined with the development of the state and the broader industrial growth of the United States. From the earliest days of settlement to the peak of the Industrial Revolution and beyond, coal has been a driving force shaping Pennsylvania's economy, culture, and communities. Exploring this legacy reveals not only the technical and economic aspects of coal mining but also the social and environmental impacts that have left lasting marks on the region.

## The Beginnings of Coal Mining in Pennsylvania

Coal mining in Pennsylvania history dates back to the early 18th century when Native Americans and European settlers first discovered the rich deposits of bituminous and anthracite coal beneath the state's varied landscape. Pennsylvania's coal resources are among the largest in the United States, with anthracite coal primarily found in the northeastern regions, particularly the Coal Region in Luzerne, Schuylkill, and Carbon counties. Bituminous coal, meanwhile, is more abundant in the western part of the state.

## Early Discoveries and Uses

The earliest documented coal mining efforts began around 1769 when small-scale miners extracted coal for local use. At this time, coal was primarily used for heating and as a fuel source for blacksmiths and other trades. The demand remained relatively modest until the dawn of the 19th century when the Industrial Revolution kicked off a massive demand for coal to power factories, steam engines, and railroads.

## The Rise of Anthracite Coal

Anthracite coal, known for its high carbon content and clean-burning properties, became Pennsylvania's prized energy resource. By the 1820s and 1830s, the anthracite coal industry began to expand rapidly. The construction of canals and railroads, such as the Lehigh Canal and the Delaware and Hudson Canal, facilitated the transportation of coal to major markets, including Philadelphia and New York.

# **The Golden Age of Coal Mining in Pennsylvania**

As the 19th century progressed, coal mining in Pennsylvania history entered a transformative period marked by technological innovation, booming production, and profound social changes.

## **Technological Advances**

The introduction of mechanized mining equipment, including steam-powered drills and coal breakers, revolutionized the industry. These innovations allowed miners to extract coal more efficiently and in larger quantities, meeting the surging demand of steel mills, railroads, and urban centers across the nation.

## **Economic Impact and Industrial Growth**

Coal mining became the backbone of Pennsylvania's economy during the late 1800s. Cities like Scranton, Wilkes-Barre, and Pittsburgh thrived as coal mining hubs, attracting waves of immigrants from Europe seeking employment and opportunity. The coal industry's growth stimulated related sectors, such as railroads, steel production, and manufacturing, cementing Pennsylvania's status as an industrial powerhouse.

## **Life in Coal Mining Communities**

Mining towns were often close-knit communities built around the mines themselves. While these towns provided jobs and a sense of identity, life was also marked by hardship and danger. Miners faced grueling work conditions, long hours underground, and frequent accidents. Despite these challenges, cultural traditions, mutual aid societies, and labor unions helped foster solidarity among miners and their families.

## **Labor Movements and Struggles**

The history of coal mining in Pennsylvania is also a history of labor activism and the fight for workers' rights. The demanding nature of coal mining led to some of the most significant labor struggles in American history.

# **The Molly Maguires and Early Labor Unrest**

In the 1860s and 1870s, the Molly Maguires, a secret society of Irish-American coal miners, emerged in the anthracite coal regions. They protested against poor working conditions, low wages, and exploitation by coal companies. While controversial and embroiled in violence and legal battles, their actions highlighted the miners' grievances and helped fuel the labor reform movement.

## **Formation of Labor Unions**

By the late 19th and early 20th centuries, organized labor gained momentum with groups like the United Mine Workers of America (UMWA) advocating for safer working conditions, fair pay, and reasonable hours. Strikes and negotiations became common as miners sought to improve their lives amidst the dangers of underground work.

## **Notable Strikes and Their Legacy**

The Coal Strike of 1902 was a pivotal moment, drawing national attention to the plight of Pennsylvania miners. The strike resulted in negotiations mediated by President Theodore Roosevelt and led to better wages and working conditions. This event set a precedent for federal involvement in labor disputes.

## **Environmental and Social Impacts**

While coal mining in Pennsylvania history brought economic prosperity, it also left environmental and social footprints that continue to be addressed today.

## **Environmental Consequences**

Coal mining, especially strip mining and deep underground mining, has significantly altered Pennsylvania's landscape. Issues such as deforestation, soil erosion, and water pollution from acid mine drainage have had lasting effects on local ecosystems. Efforts to reclaim mined lands and remediate polluted waters have been ongoing for decades.

## **Health and Safety Challenges**

Mining has always been a hazardous occupation. Miners in Pennsylvania faced dangers such as mine collapses, explosions, and black lung disease caused by prolonged inhalation of coal dust. Over time, improved safety regulations and medical understanding have helped reduce risks, but the legacy of these health challenges remains part of the mining narrative.

## **Community Transformation**

As coal mining declined in the mid-20th century due to the rise of alternative energy sources and mechanization reducing labor demand, many mining towns experienced economic downturns. Communities that once thrived on coal had to adapt, diversify their economies, and preserve their cultural heritage.

## **Coal Mining Today and Its Historical Significance**

Although the coal industry in Pennsylvania is much smaller today than during its heyday, it remains an important part of the state's identity and economy. Modern mining practices are more regulated and environmentally conscious, but the historical significance of coal mining continues to resonate.

## **Preserving Coal Mining Heritage**

Museums, historic sites, and cultural festivals celebrate Pennsylvania's coal mining past. Places like the Anthracite Heritage Museum and Eckley Miners' Village offer visitors a glimpse into the lives of miners and the industry's evolution.

## **The Future of Coal in Pennsylvania**

While coal is no longer the dominant energy source, its role in Pennsylvania's industrial history is a foundation for understanding the state's economic development and environmental policies. Discussions about clean energy transitions and economic revitalization often include reflections on the coal mining legacy.

## **Lessons from the Past**

Studying coal mining in Pennsylvania history provides valuable insights into the balance between resource extraction, community wellbeing, and environmental stewardship. It reminds us of the resilience of mining communities and the importance of sustainable practices as we move forward.

Pennsylvania's story of coal mining is a vivid tapestry of innovation, struggle, and transformation. It continues to shape the identity of the state and offers rich lessons for industries and communities worldwide.

## **Frequently Asked Questions**

### **When did coal mining begin in Pennsylvania?**

Coal mining in Pennsylvania began in the late 18th century, with commercial mining starting around the 1790s as the demand for coal grew during the Industrial Revolution.

### **Why was Pennsylvania important in the history of coal mining?**

Pennsylvania was a key player in the history of coal mining due to its vast deposits of anthracite and bituminous coal, which fueled the state's industrial growth and the broader American economy in the 19th and early 20th centuries.

### **What types of coal were primarily mined in Pennsylvania?**

The two primary types of coal mined in Pennsylvania were anthracite coal, found mainly in the northeastern region, and bituminous coal, located in the western part of the state.

### **How did coal mining impact the economy of Pennsylvania?**

Coal mining significantly boosted Pennsylvania's economy by creating jobs, supporting industries such as steel production and railroads, and contributing to the state's status as an industrial powerhouse during the 19th and early 20th centuries.

### **What were some of the major coal mining regions in**

## **Pennsylvania?**

Major coal mining regions in Pennsylvania included the Coal Region in the northeast, particularly around Scranton and Wilkes-Barre for anthracite coal, and the western counties like Allegheny and Washington for bituminous coal mining.

## **What challenges did coal miners in Pennsylvania historically face?**

Pennsylvania coal miners historically faced dangerous working conditions, including the risk of mine collapses, explosions, and health issues like black lung disease, as well as labor disputes and struggles for better wages and working conditions.

## **Additional Resources**

Coal Mining in Pennsylvania History: An In-Depth Examination of Its Legacy and Impact

**coal mining in pennsylvania history** stands as one of the most significant chapters in the industrial development of the United States. Pennsylvania, often regarded as the cradle of American coal mining, has played a pivotal role in fueling the nation's growth from the early 19th century through the mid-20th century. Beyond its economic importance, the story of coal mining in this state encapsulates complex social, environmental, and technological dimensions that continue to influence present-day energy policies and regional identities.

## **The Origins and Early Development of Coal Mining in Pennsylvania**

The roots of coal mining in Pennsylvania date back to the late 1700s, with anthracite coal emerging as a critical energy resource. The discovery of anthracite deposits, primarily in the northeastern part of the state, was transformative due to the coal's high carbon content and energy density, which made it ideal for industrial use. By the early 19th century, Pennsylvania had become the leading producer of anthracite coal in the United States, supporting burgeoning industries such as ironworks, railroads, and home heating.

The early coal mining operations were rudimentary and labor-intensive. Miners used pickaxes and shovels to extract coal from shallow seams, often in dangerous conditions. Transportation posed a significant challenge until the development of canal systems and later railroads, which connected coal regions with expanding urban markets. The completion of the Delaware and

Hudson Canal and the rise of the Pennsylvania Railroad were instrumental in facilitating the coal trade.

## **Anthracite vs. Bituminous Coal: Pennsylvania's Dual Legacy**

Pennsylvania's coal mining history is distinguished by its production of two main types of coal: anthracite and bituminous. Anthracite, found predominantly in the northeastern counties such as Lackawanna and Luzerne, is a hard, compact form of coal with a high carbon content and low impurities. It was prized for its clean-burning properties and efficiency, especially during the 19th century.

In contrast, bituminous coal, more abundant in the western and central parts of the state, such as in the Pittsburgh Coal Seam, became the dominant coal type during the 20th century. Bituminous coal is softer, contains more volatile matter, and was widely used in steel production and electricity generation due to its availability and lower cost.

This duality in coal types allowed Pennsylvania to maintain a diverse coal economy, addressing different market demands and technological applications over time.

## **Economic and Social Impact of Coal Mining in Pennsylvania**

Coal mining profoundly shaped Pennsylvania's economy and society. At its peak in the early 1900s, coal mining was a major employer, with hundreds of thousands of workers engaged in extraction, processing, and transportation. Entire communities, often known as "coal towns," developed around mining operations. These towns were characterized by company-owned housing, schools, and stores, reflecting both the economic dependence on mining and the paternalistic nature of coal companies.

The economic benefits of coal mining were immense. Pennsylvania's coal fueled steel mills, railroads, and factories that drove America's industrial ascendancy. It also contributed significantly to the state's tax base and infrastructure development.

However, the social impact was complex. Coal mining communities faced harsh working conditions, frequent accidents, and health hazards such as black lung disease. Labor strife was common, with notable strikes such as the 1902 Anthracite Coal Strike highlighting miners' demands for better wages, safer work environments, and union recognition. These labor movements contributed to broader reforms in industrial labor relations in the U.S.

## **Technological Innovations and Mining Methods**

Throughout its history, Pennsylvania coal mining evolved technically. Early mining was predominantly underground, with miners following coal seams through tunnels and shafts. Over time, technological advances improved safety and productivity. The introduction of mechanized cutting machines, conveyor belts, and ventilation systems marked significant progress.

In the mid-20th century, surface mining methods such as strip mining became more prevalent, especially for bituminous coal. While surface mining allowed for faster extraction, it also raised environmental concerns, such as land degradation and water pollution.

The state's coal mining industry was also a pioneer in safety regulations. Pennsylvania enacted some of the earliest mine safety laws, prompted by devastating disasters like the 1907 Monongah Mine explosion, which influenced national policy.

## **Environmental and Cultural Legacy of Coal Mining**

The environmental footprint of Pennsylvania's coal mining history is substantial. Decades of mining activity altered landscapes, polluted waterways, and contributed to air quality issues. Acid mine drainage, a byproduct of exposed sulfide minerals reacting with water and air, remains a persistent environmental challenge in formerly mined areas.

In response, Pennsylvania has become a leader in mine reclamation and environmental remediation efforts. State and federal programs have worked to restore abandoned mine lands, improve water quality, and promote sustainable land use.

Culturally, coal mining has left an indelible mark on Pennsylvania's identity. It shaped local traditions, dialects, and community bonds, especially among immigrant populations from Eastern and Southern Europe who came to work in the mines. Museums, historical societies, and annual festivals celebrate this heritage, preserving the stories of miners and their families.

## **Comparative Context: Pennsylvania vs. Other Coal Regions**

When comparing Pennsylvania's coal mining history to other U.S. regions, several distinctive features emerge. Unlike the Appalachian coalfields in West Virginia and Kentucky, Pennsylvania's anthracite coalfields were among

the first to be developed industrially and supported early urbanization and industrialization.

Moreover, Pennsylvania's coal industry was more diversified in terms of coal types and mining methods, which allowed it to adapt over a longer period. The state's infrastructure—railroads, canals, and ports—was also more extensively developed, enabling broader distribution of coal to national and international markets.

However, like other coal-producing regions, Pennsylvania faced similar challenges such as labor unrest, environmental degradation, and economic decline as demand for coal waned in the late 20th century due to competition from other energy sources.

## Contemporary Implications and the Future of Coal Mining in Pennsylvania

Today, coal mining in Pennsylvania has dramatically declined from its historical peak, reflecting national and global shifts toward cleaner energy. The industry now constitutes a small fraction of the state's economy and employment. However, the legacy of coal mining continues to influence policy debates, particularly regarding energy security, environmental protection, and economic transition for former mining communities.

Efforts to diversify coal-dependent economies are ongoing, emphasizing renewable energy development, tourism based on mining heritage, and workforce retraining programs. Pennsylvania's experience offers valuable lessons on managing resource-dependent economies and balancing industrial growth with environmental stewardship.

As the energy landscape evolves, understanding coal mining in Pennsylvania history remains crucial for contextualizing current challenges and opportunities in energy production, labor relations, and environmental policy.

## [Coal Mining In Pennsylvania History](#)

**coal mining in pennsylvania history:** [Introduction to a History of Ironmaking and Coal Mining in Pennsylvania](#) James M. Swank, 1999-01-01

**coal mining in pennsylvania history: Introduction to a History of Ironmaking and Coal Mining in Pennsylvania** James Moore Swank, 1878

**coal mining in pennsylvania history:** *Pennsylvania in Public Memory* Carolyn Kitch, 2015-06-26 What stories do we tell about America's once-great industries at a time when they are fading from the landscape? *Pennsylvania in Public Memory* attempts to answer that question, exploring the emergence of a heritage culture of industry and its loss through the lens of its most

representative industrial state. Based on news coverage, interviews, and more than two hundred heritage sites, this book traces the narrative themes that shape modern public memory of coal, steel, railroading, lumber, oil, and agriculture, and that collectively tell a story about national as well as local identity in a changing social and economic world.

**coal mining in pennsylvania history: Catalog of Books and Reports in the Bureau of Mines Technical Library, Pittsburgh, Pa** United States. Bureau of Mines. Technical Library, Pittsburgh, 1968

**coal mining in pennsylvania history: Traces of Old Sharpsville** Ralph C. Mehler, 2024-04-05 Though just a small town, Sharpsville has had an outsized influence on the American iron industry. This book tells that story, plus many more—the canal that gave the town its start, its railroads, the personalities who lived here, the churches and clubs, its ethnic heritage, sports heroes, long-gone landmarks and institutions, and the traditions that make Sharpsville unique. Events, whether of local note or part of national trends, are here recounted. More than just an account of town lore, this is a thoroughly researched book that gives the reader an insight into life here in years past, from a variety of perspectives. Anyone who lives in the Shenango Valley will find interest in these pages—as will someone who has since moved away but whose heart still remains here. The short articles contained within this book are grouped into themed chapters. With many not-seen-before photos, it makes for an enjoyable and readable account of this little burg in times past.

**coal mining in pennsylvania history: INTRODUCTION TO A HISTORY OF IRONMAKING AND COAL MINING IN PENNSYLVANIA** JAMES M. SWANK, 2018

**coal mining in pennsylvania history: The Miners of Windber** Mildred Allen Beik, 1996-09-15 In 1897 the Berwind-White Coal Mining Company founded Windber as a company town for its miners in the bituminous coal country of Pennsylvania. The Miners of Windber chronicles the coming of unionization to Windber, from the 1890s, when thousands of new immigrants flooded Pennsylvania in search of work, through the New Deal era of the 1930s, when the miners' rights to organize, join the United Mine Workers of America, and bargain collectively were recognized after years of bitter struggle. Mildred Allen Beik, a Windber native whose father entered the coal mines at age eleven in 1914, explores the struggle of miners and their families against the company, whose repressive policies encroached on every part of their lives. That Windber's population represented twenty-five different nationalities, including Slovaks, Hungarians, Poles, Italians, and Carpatho-Russians, was a potential obstacle to the solidarity of miners. Beik, however, shows how the immigrants overcame ethnic fragmentation by banding together as a class to unionize the mines. Work, family, church, fraternal societies, and civic institutions all proved critical as men and women alike adapted to new working conditions and to a new culture. Circumstance, if not principle, forced miners to embrace cultural pluralism in their fight for greater democracy, reforms of capitalism, and an inclusive, working-class, definition of what it meant to be an American. Beik draws on a wide variety of sources, including oral histories gathered from thirty-five of the oldest living immigrants in Windber, foreign-language newspapers, fraternal society collections, church manuscripts, public documents, union records, and census materials. The struggles of Windber's diverse working class undeniably mirror the efforts of working people everywhere to democratize the undemocratic America they knew. Their history suggests some of the possibilities and limitations, strengths and weaknesses, of worker protest in the early twentieth century.

**coal mining in pennsylvania history: The Face of Decline** Thomas L. Dublin, Walter Licht, 2016-11-15 The anthracite coal region of Pennsylvania once prospered. Today, very little mining or industry remains, although residents have made valiant efforts to restore the fabric of their communities. In *The Face of Decline*, the noted historians Thomas Dublin and Walter Licht offer a sweeping history of this area over the course of the twentieth century. Combining business, labor, social, political, and environmental history, Dublin and Licht delve into coal communities to explore grassroots ethnic life and labor activism, economic revitalization, and the varied impact of economic decline across generations of mining families. *The Face of Decline* also features the responses to

economic crisis of organized capital and labor, local business elites, redevelopment agencies, and state and federal governments. Dublin and Licht draw on a remarkable range of sources: oral histories and survey questionnaires; documentary photographs; the records of coal companies, local governments, and industrial development corporations; federal censuses; and community newspapers. The authors examine the impact of enduring economic decline across a wide region but focus especially on a small group of mining communities in the region's Panther Valley, from Jim Thorpe through Lansford to Tamaqua. The authors also place the anthracite region within a broader conceptual framework, comparing anthracite's decline to parallel developments in European coal basins and Appalachia and to deindustrialization in the United States more generally.

**coal mining in pennsylvania history:** *The Miners of Windber* Mildred A. Beik, 1996 Mildred Allen Beik, a Windber native whose father entered the coal mines at age eleven in 1914, explores the struggle of miners and their families against the company, whose repressive policies encroached on every part of their lives. That Windber's population represented twenty-five different nationalities, including Slovaks, Hungarians, Poles, Italians, and Carpatho-Russians, was a potential obstacle to the solidarity of miners. Beik, however, shows how the immigrants overcame ethnic fragmentation by banding together as a class to unionize the mines. Work, family, church, fraternal societies, and civic institutions all proved critical as men and women alike adapted to new working conditions and to a new culture.--BOOK JACKET.

**coal mining in pennsylvania history:** *The Peoples of Pennsylvania* David E. Washburn, 1981

**coal mining in pennsylvania history:** *Monthly Catalogue, United States Public Documents*, 1993-03

**coal mining in pennsylvania history:** *Monthly Catalog of United States Government Publications* United States. Superintendent of Documents, 1993

**coal mining in pennsylvania history:** *When the Mines Closed* Thomas Dublin, 1998 The anthracite region of northeastern Pennsylvania, five hundred square miles of rugged hills stretching between Tower City and Carbondale, harbored coal deposits that once heated virtually all the homes and businesses in Eastern cities. At its peak during World War I, the coal industry here employed 170,000 miners, and supported almost 1,000,000 people. Today, with coal workers numbering 1,500, only 5,000 people depend on the industry for their livelihood. Between these two points in time lies a story of industrial decline, of working people facing incremental and cataclysmic changes in their world. When the Mines Closed tells this story in the words of men and women who experienced these dramatic changes and in more than eighty photographs of these individuals, their families, and the larger community. Award-winning historian Thomas Dublin interviewed a cross-section of residents and migrants from the region, who gave their own accounts of their work and family lives before and after the mines closed. Most of the narrators, six men and seven women, came of age during the Great Depression and entered area mines or, in the case of the women, garment factories, in their teens. They describe the difficult choices they faced, and the long-standing ethnic, working-class values and traditions they drew upon, when after World War II the mines began to shut down. Some left the region, others commuted to work at a distance, still others struggled to find employment locally. The photographs taken by George Harvan, a lifelong resident of the area and the son of a Slovak-born coal miner, document residents' lives over the course of fifty years. Dublin's introductory essay offers a brief history of anthracite mining and the region and establishes a broader interpretive framework for the narratives and photographs.

**coal mining in pennsylvania history:** *Henry Clay Frick and the Golden Age of Coal and Coke, 1870-1920* Cassandra Vivian, 2020-04-09 Once the beehive coke oven was perfected in Fayette County, Pennsylvania, the coal and coke industry began to flourish and supply other fledgling industries with the fuel they needed to succeed. The thrust of this growth came from Henry Clay Frick, who opened his first coal mines in the Morgan Valley of Fayette County in 1871. There, he helped lead the industry, making it the major developmental force in industrial America. This book traces the birth and growth of the early coal and coke industry from 1870 to 1920, primarily in Fayette and Westmoreland Counties. Beyond Frick's importance to the industry, other major topics

covered in this history include the lives and struggles of the miners and immigrants who worked in the industry, the growth of unions and the many strikes in the region, and the attempts to clean the surrounding waterways from the horrific pollution that resulted from industrial development. Perhaps the most significant fact is that this book uses primary sources contemporary with the golden age of the coal and coke industry. That effort offers an alternative view and helps repair the common portrayal of Frick as corrupt by showing his work as that of an industrial genius.

**coal mining in pennsylvania history: Rebellious Families** Jan Kok, 2002-12-01 Why do people rebel? This is one of the most important questions historians and social scientists have been grappling with over the years. It is a question to which no satisfactory answer has been found, despite more than a century of research. However, in most cases the research has focused on what people do if they rebel but hardly ever, why they rebel. The essays in this volume offer an alternative perspective, based on the question at what point families decided to add collective action to their repertoires of survival strategies. In this way this volume opens up a promising new field of historical research: the intersection of labour and family history. The authors offer fascinating case studies in several countries spanning over four continents during the last two centuries. In an extensive introduction the relevant literature on households and collective action is discussed, and the volume is rounded off by a conclusion that provides methodological and theoretical suggestions for the further exploration of this new field in social history.

**coal mining in pennsylvania history: People, Poverty, and Politics** Thomas H. Coode, John F. Bauman, 1981 This book examines the impact of the Great Depression on Pennsylvania, covering, in addition to politics, such topics as social and physical deprivation, black housing, labor conflict, relief, and the revival of the United Mine Workers of America. Illustrated.

**coal mining in pennsylvania history: Black Lung** Alan Derickson, 2014-04-11 In the definitive history of a twentieth-century public health disaster, Alan Derickson recounts how, for decades after methods of prevention were known, hundreds of thousands of American miners suffered and died from black lung, a respiratory illness caused by the inhalation of coal mine dust. The combined failure of government, medicine, and industry to halt the spread of this disease—and even to acknowledge its existence—resulted in a national tragedy, the effects of which are still being felt. The book begins in the late nineteenth century, when the disorders brought on by exposure to coal mine dust were first identified as components of a debilitating and distinctive illness. For several decades thereafter, coal miners' dust disease was accepted, in both lay and professional circles, as a major industrial disease. Derickson describes how after the turn of the century medical professionals and industry representatives worked to discredit and supplant knowledge about black lung, with such success that this disease ceased to be recognized. Many authorities maintained that breathing coal mine dust was actually beneficial to health. Derickson shows that activists ultimately forced society to overcome its complacency about this deadly and preventable disease. He chronicles the growth of an unprecedented movement—from the turn-of-the-century miners' union, to the social medicine activists in the mid-twentieth century, and the black lung insurgents of the late sixties—which eventually won landmark protections and compensation with the enactment of the Federal Coal Mine Health and Safety Act in 1969. An extraordinary work of scholarship, *Black Lung* exposes the enormous human cost of producing the energy source responsible for making the United States the world's preeminent industrial nation.

**coal mining in pennsylvania history: The Mining Bulletin** , 1894

**coal mining in pennsylvania history: Digging Dusky Diamonds** John Lindermuth, 2013-09 Based on contemporary newspaper accounts and genealogical records, *Digging Dusky Diamonds* tells the story of the people who made the anthracite coal mining industry a major economic force in Pennsylvania in the 19th and early 20th centuries. How the miners and their families lived and worked, loved and died is recorded in old newspapers and reveals their daily concerns, their diversions, social attitudes and prejudices. The accounts reveal what was different about those people and what has remained constant in us, their descendants. Though the focus is mainly on Northumberland and Schuylkill counties, similar conditions prevailed across the anthracite mining

region. About the author: A native of Shamokin, Northumberland County, Pennsylvania, J. R. Lindermuth worked as a newspaper reporter and editor for nearly 40 years. Since retiring, he has served as librarian of the Northumberland County Historical Society where he assists patrons with genealogy and research. He is the author of 12 novels and his short stories and articles have been published in a variety of magazines. He is a member of International Thriller Writers, EPIC and the Short Mystery Society. He is the father of two grown children and has four grandsons. To learn more about the author, visit his website at <http://www.jrlindermuth.net>

**coal mining in pennsylvania history:** *Anthracite's Demise and the Post-Coal Economy of Northeastern Pennsylvania* Thomas Keil, Jacqueline M. Keil, 2014-12-11 Examining the anthracite coal trade's emergence and legacy in the five counties that constituted the core of the industry, the authors explain the split in the modes of production between entrepreneurial production and corporate production and the consequences of each for the two major anthracite regions. This book argues that the initial conditions in which the anthracite industry developed led to differences in the way workers organized and protested working conditions and the way in which the two regions were affected by the decline of the industry and two subsequent waves of deindustrialization. The authors examine the bourgeois class formation in the coal regions and its consequences for differential regional growth and urbanization. This is given context through their investigation of class conflict in the region and the struggle of workers to build a stable union that would represent their interests, as well as the struggles within the union that finally emerged as the dominant force (the United Mine Workers of American) between conservative business unionists and progressive forces. Lastly, the authors explore the demise of anthracite as the dominant industry, the attempt to attract replacement industries, the subsequent two waves of deindustrialization in the region, and the current economic conditions that prevail in the former coal counties and the cities in them. This book includes a discussion of local politics and the emergence of a strong labor-Democratic tie in the northern anthracite region and a weaker tie between labor and the Democratic party in the central and southern fields.

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**Woodland Park Zoo - Wikipedia** Woodland Park Zoo is a wildlife conservation organization and zoological garden located in the Phinney Ridge neighborhood of Seattle, Washington, United States. [3] The zoo is the

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