

# Coal extraction data

**Richard Heede**  
 Climate Mitigation Services  
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**Murray Energy Corp., USA**

yellow column indicates original reported units

Privately held

www.murrayenergy.net Cleveland

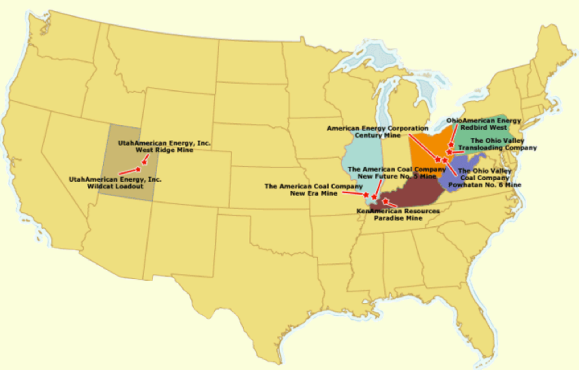
## Production / Extraction data

Year	Lignite		Thermal Coal		Total Coal	
	Gross production	Gross production	Gross production	Gross production	Gross production	Gross production
	Million tons/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr	Million tons/yr	Million tonnes/yr

- 13 1950
- 14 1951
- 15 1952
- 16 1953
- 17 1954
- 18 1955
- 19 1956
- 20 1957
- 21 1958
- 22 1959
- 23 1960
- 24 1961
- 25 1962
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- 61 1998
- 62 1999
- 63 2000
- 64 2001
- 65 2002
- 66 2003
- 67 2004
- 68 2005
- 69 2006
- 70 2007
- 71 2008
- 72 2009
- 73 2010
- 74 2011
- 75 2012
- 76 2013
- 77 2014
- 78 2015
- 79 2016
- 80 2017
- 81 2018



Murray Energy Corporation



### Coal Types

	Type	Moisture	Ash	Sulfur	BTU	SO2
<b>Illinois</b>						
The American Coal Company Galatia 5 Seam	Bituminous	11.25%	8.00%	1.50%	12,000	2.50
The American Coal Company Galatia 6 Seam	Bituminous	11.25%	8.00%	2.50%	11,800	4.40
<b>Ohio</b>						
The Ohio Valley Coal Company Powhatan No. 6 Mine	Bituminous	8.00%	9.00%	4.25%	12,500	6.80
American Energy Corporation Century Mine	Bituminous	8.00%	9.00%	4.50%	12,500	7.20
OhioAmerican Energy Inc. RedBird West Project	Bituminous	7.00%	12.00%	3.66%	12,200	6.00
<b>Kentucky</b>						
KenAmerican Resources, Inc. Paradise Mine	Bituminous	11.75%	8.50%	2.85%	11,600	5.00
<b>Utah</b>						
UtahAmerican Energy, Inc. West Ridge Mine	Bituminous	7.00%	9.50%	1.20%	12,500	1.92

www.murrayenergy.net/coaltype.shtml

Murray Energy Corporation is privately held

Year	Production (Million tons)	Source	Year	Production (Million tons)
1988	1.0	Murray data	2009	25.1
1989	2.3	interpolated	2010	24.7
1990	3.5	interpolated	2011	26.5
1991	4.8	interpolated	2012	29.2
1992	6.0	interpolated	2013	65.0
1993	7.3	interpolated	2014	62.8
1994	8.5	interpolated	2015	55.5
1995	9.8	interpolated	2016	46.0
1996	11.1	interpolated	2017	45.9
1997	12.3	interpolated	2018	46.4
1998	13.6	interpolated		
1999	14.8	interpolated		
2000	16.1	EIA data		
2001	15.7	EIA data		
2002	19.8	EIA data		
2003	19.4	EIA data		
2004	21.6	NMA data		
2005	19.9	EIA data		
2006	20.4	EIA data		
2007	27.8	EIA data		
2008	26.1	EIA data		
2009	25.1	NMA Coal Producer Sur		
2010	24.7	NMA Coal Producer Sur		
2011	26.5	NMA Coal Producer Sur		
2012	29.2	EIA Annual Coal Rpt		
2013	65.0	Murray Energy Corp.		
2014	62.8	EIA Coal Rpt 2014		
2015	55.5	EIA Coal Rpt 2015		
2016	46.0	EIA Coal Rpt 2016		
2017	45.9	EIA Coal Rpt 2017		
2018	46.4	EIA Coal Rpt 2018		

Declares chapter 11 Oct2019



www.murrayenergycorp.com/production/

Btu values  
 11,600 - 12,500  
 High-sulfur coal  
 S: 2.5 - 7.2  
 "Bituminous"  
 IL, OH, KY, & UT

20-year anniversary

<b>Total</b>	-	-	<b>709</b>	-	<b>709</b>	<b>643</b>
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1988 - 2018 total:		709 million tons					
<b>Coal Types:</b>	Lignite	0.00%	Bituminous	100.00%	Metallurgical	0.00%	100.00%

**Cell:** I9

**Comment:** Rick Heede:

Murray Energy is a US-based coal mining company. It is the fourth largest coal producer in the country, and the largest privately owned coal company. Founded in 1988 by Robert E. Murray, the company filed for bankruptcy in 2019. The company gained notoriety following the collapse of the Crandall Canyon Mine in 2007, following a number of citations and fines for safety practices at the site. Murray Energy was founded by Robert E. Murray in 1988 through the acquisition of the Powhatan No. 6 mine in Alledonia, Ohio. The company was established in nearby St. Clairsville, Ohio. The Powhatan mine is the only mine operated by a Murray Energy Corporation independent operating subsidiary that is unionized. Murray Energy Corporation produces approximately 30 million tons of bituminous coal each year and employs approximately 3,000 people in the United States. Murray Energy announced in October 2019 that the company was filing for Chapter 11 bankruptcy, and that Robert Murray would step down as CEO, but remain with the company as chairman of their board. Murray was to be replaced by his nephew Robert Moore, formerly of Murray Energy subsidiary Foresight Energy, which is not part of the bankruptcy. [https://en.wikipedia.org/wiki/Murray\\_Energy](https://en.wikipedia.org/wiki/Murray_Energy)  
Note: [www.murrayenergy.net](http://www.murrayenergy.net) is defunct (Feb2020).

**Cell:** K11

**Comment:** Rick Heede:

Coal production by coal mining companies and state-owned enterprises, including subsidiaries of oil and gas companies. Coal types produced are not ordinarily reported by coal operators (except for metallurgical coal). We distinguish, where possible and reasonably well known, between hard (bituminous and subbituminous) and soft (lignite or peat) coals, especially for the larger companies operating in regions such as Australia and India where soft coals are predominant. Soft coals have lower carbon content per tonne than do hard coals.

**Cell:** G54

**Comment:** Rick Heede:

[www.murrayenergy.net](http://www.murrayenergy.net):  
"Murray is the largest privately owned coal company in America. Producing approximately 30 million annual tons of bituminous coal that provides affordable energy to households and businesses across the country. We have eight (8) underground and surface mining operations, plus 40 subsidiary and support companies."

**Cell:** G55

**Comment:** Rick Heede:

[www.murrayenergy.net / history](http://www.murrayenergy.net/history):  
"Murray Energy Corporation began in 1988 with the purchase of a single continuous miner operation having an annual output of One Million Tons per year."

**Cell:** G67

**Comment:** Rick Heede:

Coal production 2000-2003 from EIA (various) Annual Coal Report.

**Cell:** G71

**Comment:** Rick Heede:

National Mining Association (2005) Coal Producers Survey, May 2005, p. 9.

**Cell:** G76

**Comment:** Rick Heede:

NMA Coal Producers Survey 2009 and 2010 pdf, pg 10, table 1, million short tons

**Cell:** G80

**Comment:** Rick Heede:

Murray: "Murray Energy Corporation produces approximately 65 million tons of high quality bituminous coal each year."  
[www.murrayenergycorp.com/production/](http://www.murrayenergycorp.com/production/)

**Cell:** G81

**Comment:** Rick Heede:

EIA (2016) Annual Coal Report. Murray coal prodn 2015: 55.524 Mt. 2014: 62.815 Mt. Murray Energy is privately held, and did not report production during bankruptcy.

**Cell:** D85

**Comment:** Rick Heede:

Murray Energy announced in October 2019 that the company was filing for Chapter 11 bankruptcy, and that Robert Murray would step down as CEO, but remain with the company as chairman of their board. Murray was to be replaced by his nephew Robert Moore, formerly of Murray Energy subsidiary Foresight Energy, which is not part of the bankruptcy. [https://en.wikipedia.org/wiki/Murray\\_Energy](https://en.wikipedia.org/wiki/Murray_Energy)