

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
1	Coal extraction data															
2																
3																
4	<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Richard Heede Climate Mitigation Services File started: 11 January 2005 Last modified: October 2014 </div> <div style="border: 1px solid black; padding: 5px; text-align: center; background-color: red; color: white;"> Copyright Climate Accountability Institute </div> </div>															
5																
6																
7																
8																
9	Massey Energy Company, USA												yellow column indicates original reported units			
10	www.masseyenergyco.com Richmond, Virginia															
11	Production / Extraction data															
12	Year	Steam coal				Metallurgical Coal				Total Coal						
13		Gross production		Gross production		Gross production		Gross production		Gross production		Gross production				
14		Million tons/yr		Million tonnes/yr		Million tons/yr		Million tonnes/yr		Million tons/yr		Million tonnes/yr				
15																
16	1950															
17	1951															
18	1952	1945 – A.T. Massey acquired its first mining operation and expanded its business to include coal mining and processing.														
19	1953															
20	1954															
21	1955	<div style="display: flex; justify-content: space-around; font-size: x-small;"> Founded in 1920. Acquired first mining operation in 1945 </div>														
22	1956															
23	1957															
24	1958															
25	1959															
26	1960															
27	1961	SEC Form 10-K risk statement on Climate Change														
28	1962															
29	1963															
30	1964															
31	1965															
32	1966															
33	1967															
34	1968															
35	1969															
36	1970															
37	1971															
38	1972															
39	1973															
40	1974															
41	1975	<div style="display: flex; justify-content: space-around;"> </div>														
42	1976	Massey Energy is being acquired by Alpha Natural Resources in 2011.														
43	1977															
44	1978															
45	1979															
46	1980															
47	1981															
48	1982															
49	1983															
50	1984															
51	1985															
52	1986															
53	1987															
54	1988															
55	1989	1989 – Vantage Mining property was acquired from Pittston.														
56	1990															
57	1991	1991 – Big Creek properties were acquired from Island Creek and Long Fork Coal Company was established														
58	1992															
59	1993															
60	1994															
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72	2006															
73	2007															
74	2008															
75	2009															
76	2010															
77	2011															
78	2012															
79	2013															
80	2014															
81	2015															
82	2016															
83	2017															
84	2018															
85	reserves of 2.3 billion tons (Dec08)															
86	Total	394	-	145	334	909	825									
87																
88	Total coal sales 1998-2010 (tons) 524															
89	Coal Types:	Bituminous 72.93%			Metallurgical 27.07%			(1998-2010 only)			100.00%					
90																

Cell: J9**Comment:** Rick Heede:

History (wikipedia): A.T. Massey incorporated the A.T. Massey Coal Company in 1920 as a coal brokering business in Richmond, Va., and served as the company's first president. A.T. Massey acquired its first mining operation in 1945 and expanded its business to include coal mining and processing. Several members of the Massey family succeeded A.T. Massey as company president, including Evan Massey in 1945, William E. Massey in 1962 and E. Morgan Massey in 1972.

St. Joe Minerals acquired a majority interest in A.T. Massey in 1974. Six years later, St. Joe Minerals formed the Massey Coal Partnership, along with Royal Dutch Shell. In 1981, the Fluor Corporation acquired St. Joe Minerals. In 1984, the United Mine Workers of America went on strike against A.T. Massey, sparking a series of confrontations documented in the film Mine War on Blackberry Creek and in 1987, the Massey Coal Partnership was reorganized into A.T. Massey Coal Company, a wholly owned mining subsidiary of Fluor Corporation, initiating a period of significant growth through acquisitions.

In 1992 Don Blankenship was appointed President, Chairman and CEO of A.T. Massey Coal Company; he served as the Chairman and CEO of Massey for 18 years. Under Blankenship's direction and leadership, the growth of the late-80s continued and accelerated with several more acquisitions taking place and the establishment of a number of subsidiaries.

A.T. Massey completed a reverse spin-off from Fluor Corporation in 2000 and was renamed Massey Energy Company. Today, Massey Energy produces, processes, and sells bituminous coal of steam and metallurgical grades, primarily of low sulfur content, through its 22 processing and shipping centers, called "resource groups," many of which receive coal from multiple coal mines.

Massey currently operates 35 underground mines and 12 surface mines in West Virginia, Kentucky and Virginia. In 2007, Massey announced a strategic alliance with Essar Mineral Resources Ltd., a member of Essar Group of India, to jointly evaluate and develop select business opportunities on a project-by-project basis.

The company recently promoted several executives to new positions. In November 2008, Massey promoted Baxter Phillips Jr., formerly executive vice president and chief administrative officer, to president, a position previously held by Massey Chairman and CEO Don Blankenship. Phillips' new position will focus on Massey Energy's strategic growth plans and will continue to manage sales, finance, human resources, information systems and investor relations at the company's Richmond headquarters.

In January 2009, the company promoted John M. Poma to vice president and chief administrative officer, Jeffrey M. Gillenwater to vice president of human resources and Steve Sears to vice president of sales and marketing, nearly a year after promoting Shane Harvey to general counsel.

On Dec. 31, 2010, longtime CEO Don Blankenship stepped down, and was replaced as CEO by Massey President Baxter F. Phillips Jr.

Sale of Massey to Alpha: On June 1, 2011, shareholders of Alpha Natural Resources agreed to buy Massey Energy for \$7.1 billion, making it the nation's largest metallurgical coal company. Some shareholder groups had tried to block the sale claiming that Massey managers had engineered the sale of the company to protect themselves from liabilities and had arranged new management jobs with Alpha.

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: D26**Comment:** Rick Heede:

AnnRpt, page 18: "Global Climate Change

The United States has not implemented the 1992 Framework Convention on Global Climate Change ("Kyoto Protocol"), which became effective for many countries on February 16, 2005. The Kyoto Protocol was intended to limit or reduce emissions of greenhouse gases, such as carbon dioxide. The United States has not ratified the emission targets of the Kyoto Protocol or any other greenhouse gas agreement among parties.

Nevertheless, global climate change continues to attract considerable public and scientific attention and a considerable amount of legislative attention in the United States is being paid to global climate change and the reduction of greenhouse gas emissions, particularly from coal combustion by power plants. Enactment of laws and passage of regulations regarding greenhouse gas emissions by the United States or some of its states, or other actions to limit carbon dioxide emissions, could result in electric generators switching from coal to other fuel sources. "

See also pp 26-27.

Cell: B40**Comment:** Rick Heede:

1974 – St. Joe Minerals acquired a majority interest in A.T. Massey.

Cell: B46**Comment:** Rick Heede:

company website: "1980 – Royal Dutch Shell and St. Joe Minerals formed the Massey Coal Partnership."

Cell: J47**Comment:** Rick Heede:

Keystone Coal Industry Manual (1984), p. 707, shows A. T. Massey Group production data for 1982 and 1983 as well as 1982 being 32.3 percent above 1981.

Cell: B55**Comment:** Rick Heede:

"1989 – Vantage Mining property was acquired from Pittston."

Cell: B57**Comment:** Rick Heede:

company website: "1991 – Big Creek properties were acquired from Island Creek and Long Fork Coal Company was established."

Cell: G64**Comment:** Rick Heede:

Metallurgical coal production from 1998 to 2004 from Massey (2005) AnnRpt 2004.

Cell: J64**Comment:** Rick Heede:

Sum of utility, industrial, and metallurgical coal sales by year, from company annual reports and Form 10-Ks.

Cell: H67**Comment:** Rick Heede:

Massey Energy Annual Rpt 2005, page 16.

Cell: B68**Comment:** Rick Heede:

company website: "2002 – Massey acquired the assets of Pittston Coal Company's Holston mining operations."

Cell: D69**Comment:** Rick Heede:

Massey AnnRpt for 2004, p. 62 (their 10-K submission). Lists 2003 and 2004, and does breaks out metallurgical and utility and industrial coal production; we combine util and ind'l coal.

Cell: H70**Comment:** Rick Heede:

Massey Energy Annual Rpt 2008, "Highlights", lists both production and coal sales for 2004-2008. Details on page 6, though not including coal type.

Cell: G73**Comment:** Rick Heede:

Massey Energy Annual Rpt 2008, page 40: Utility plus industrial coal sales in 2007 and 2008 in column "D", and metallurgical coal sales in column "G".

Cell: B74**Comment:** Rick Heede:

company website / history: "Massey currently operates 35 underground mines and 12 surface mines in West Virginia, Kentucky, and Virginia." "We produce, process and sell bituminous coal of various steam and metallurgical grades, primarily of a low sulfur content."

Cell: D75**Comment:** Rick Heede:

Massey Energy Form 10-K for 2010, page 57. CMS adds industrial and utility coal "produced tons sold."