

Coal extraction data

Copyright Climate Accountability Institute

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Climate Mitigation Services
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Peter Kiewit Coal Company

www.kiewit.com Omaha, Nebraska

yellow column indicates original reported units

Privately held

Production / Extraction data

| Year | Lignite | | Hard 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 short tons | Million tonnes/yr |

- 17 1943
- 18 1944
- 19 1945
- 20 1946
- 21 1947
- 22 1948
- 23 1949
- 24 1950
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- 76 2002
- 77 2003
- 78 2004
- 79 2005
- 80 2006
- 81 2007
- 82 2008
- 83 2009
- 84 2010
- 85 2011
- 86 2012
- 87 2013
- 88 2014
- 89 2015
- 90 2016
- 91 2017
- 92 2018

"Since 1944, Kiewit has been involved in the mining of more than 675 million tons of coal."



hard coal prod
subbituminous

AnnRpts not available ... privately-owned

| Lignite million tons | Hard Coal million tons | Total million tons |
|-------------------------|---------------------------|-----------------------|
| 2.0 | 13.9 | 16.3 |
| 2.0 | 14.0 | 16.0 |
| 2.0 | 14.8 | 16.8 |
| 2.0 | 18.3 | 20.3 |
| 2.0 | 13.2 | 15.2 |
| 2.0 | 12.5 | 14.5 |
| 2.0 | 13.2 | 15.2 |
| 2.0 | 13.5 | 15.5 |
| 2.0 | 13.0 | 15.0 |
| 2.0 | 13.7 | 15.7 |
| 2.0 | 13.3 | 15.3 |
| 2.0 | 13.1 | 15.1 |
| 2.0 | 13.0 | 15.0 |
| 2.0 | 11.1 | 13.1 |
| 2.0 | Kiewit / Kennebecott | 28.5 |
| 2.0 | Kiewit | 26.9 |
| 2.0 | Kiewit | 20.7 |
| 2.0 | Kiewit | 35.5 |
| 2.0 | Kiewit | 33.1 |

EIA Coal Rpt Table 10
Mt (sh)

| Year | Lignite | Hard Coal | Total |
|------|---------|-----------|-------|
| 2011 | 3.3 | 30.0 | 33.3 |
| 2012 | 3.3 | 22.7 | 26.0 |
| 2013 | 3.3 | 19.9 | 23.2 |
| 2014 | 3.3 | 17.5 | 20.8 |
| 2015 | 3.3 | 16.2 | 19.5 |
| 2016 | 3.3 | 12.0 | 15.3 |
| 2017 | 3.3 | 19.5 | 22.8 |
| 2018 | 3.3 | 18.5 | 21.8 |

| | | | | | | |
|--------------|---|-----------|---|------------|------------|------------|
| Total | - | 40 | - | 349 | 897 | 813 |
|--------------|---|-----------|---|------------|------------|------------|

| | | | | | | |
|--------------------|---------|--------|---------------|--------|--------------------|------------------|
| Coal Types: | Lignite | 10.30% | Subbituminous | 89.70% | 1989 - 2008 total: | 389 million tons |
| | | | | | Total | 100.00% |

Photos courtesy Kiewit:
<https://www.kiewit.com/projects/mining/>



Buckskin Mine, Gillette WY



San Miguel lignite mine, Christine TX



Elba Island NLG terminal

Buckskin Mining Company - Gillette, WY
Walnut Creek Mining Company - Bremond, TX
Black Butte Coal Company - Point of Rocks, WY
Decker Coal Company - Decker, MT
Rosebud Mining and Reclamation - Hanna, WY

San Miguel Lignite mine, Christine TX

EIA Coal Report 2016
EIA Coal Report 2017

Table 10. Major U.S. Coal Producers, 2017

| Rank | Controlling Company Name | Production (thousand short tons) | Percent of Total Production |
|---------------------------------|---|----------------------------------|-----------------------------|
| 1 | Peabody Energy Corp | 156,728 | 20.2 |
| 2 | Arch Coal Inc | 100,298 | 12.9 |
| 3 | Cloud Peak Energy | 57,623 | 7.4 |
| 4 | Murray Energy Corp | 45,869 | 5.9 |
| 5 | Alliance Resource Partners LP | 37,809 | 4.9 |
| 6 | Revelation Energy LLC/Blackjewel LLC | 37,247 | 4.8 |
| 7 | NACCO Industries Inc | 37,172 | 4.8 |
| 8 | CONSOL Energy Inc | 26,109 | 3.4 |
| 9 | Westmoreland Coal Company | 25,053 | 3.2 |
| 10 | Vistra Energy | 24,803 | 3.2 |
| 11 | Foresight Energy Labor LLC | 21,180 | 2.7 |
| 12 | Kiewit Peter Sons' Inc | 19,581 | 2.5 |
| 13 | Alpha Natural Resources | 13,306 | 1.7 |
| 14 | Blackhawk Mining LLC | 13,088 | 1.7 |
| 15 | Bowie Resource Partners LLC | 10,885 | 1.4 |
| 16 | Contura Energy Inc | 10,449 | 1.3 |
| 17 | Coronado Coal LLC | 8,668 | 1.1 |
| 18 | Warrior Met Coal Intermediate Holdco LLC | 6,714 | 0.9 |
| 19 | Hallador Energy Company | 6,612 | 0.9 |
| 20 | Prairie State Energy Campus | 6,202 | 0.8 |
| 21 | Western Fuels Assoc Inc | 6,046 | 0.8 |
| 22 | Global Mining Group LLC | 5,884 | 0.8 |
| 23 | Western Kentucky CONSOLidated Resources LLC | 5,377 | 0.7 |
| Subtotal | | 682,701 | 88.1 |
| All Other Coal Producers | | 91,908 | 11.9 |
| U.S. Total | | 774,609 | 100.0 |

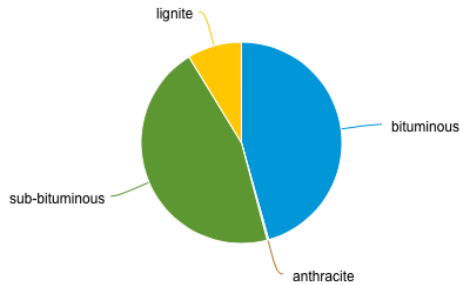
Kiewit

EIA (2018) Annual Coal Report, November, Table 10: Major U.S. Coal Producers

U.S. coal production by rank, 2017

total: 774,608 thousand short tons

DOWNLOAD



Source: Annual Coal Report Table 6.

<https://www.eia.gov/coal/annual/>

EIA (2018) Annual Coal Report, November, Table ES-1: Coal Production 2004-2017.

| Year | Rank | | | | Mining Method | | Location | | Total ¹ |
|------|------------------------------|--------------------|------------|-------------------------|---------------|----------------------|--|--|--------------------|
| | Bituminous Coal ¹ | Subbituminous Coal | Lignite | Anthracite ¹ | Underground | Surface ¹ | East of Mississippi River ¹ | West of Mississippi River ¹ | |
| 2004 | 561,484,652 | 465,368,953 | 83,539,698 | 1,705,567 | 367,557,255 | 744,541,615 | 484,795,840 | 627,303,030 | 1,112,098,870 |
| 2005 | 571,177,133 | 474,675,461 | 83,941,728 | 1,703,777 | 368,611,500 | 762,886,599 | 493,801,042 | 637,697,057 | 1,131,498,099 |
| 2006 | 561,631,018 | 515,332,638 | 84,248,267 | 1,537,736 | 359,021,815 | 803,727,844 | 490,797,869 | 671,951,790 | 1,162,749,659 |
| 2007 | 542,757,594 | 523,724,347 | 78,584,915 | 1,568,489 | 351,789,934 | 794,845,411 | 478,161,383 | 668,473,962 | 1,146,635,345 |
| 2008 | 555,267,210 | 539,145,383 | 75,683,638 | 1,712,438 | 357,079,371 | 814,729,298 | 493,342,095 | 678,466,574 | 1,171,808,669 |
| 2009 | 504,101,778 | 496,421,871 | 72,478,549 | 1,921,194 | 332,061,582 | 742,861,810 | 449,593,554 | 625,329,838 | 1,074,923,392 |
| 2010 | 489,532,051 | 514,829,513 | 78,230,494 | 1,776,090 | 337,154,614 | 747,213,534 | 446,196,808 | 638,171,340 | 1,084,368,148 |
| 2011 | 525,995,943 | 486,295,739 | 81,101,129 | 2,234,725 | 345,605,509 | 750,022,027 | 456,446,210 | 639,181,326 | 1,095,627,536 |
| 2012 | 485,363,301 | 449,799,910 | 78,927,292 | 2,367,915 | 342,386,637 | 674,071,781 | 423,475,610 | 592,982,808 | 1,016,458,418 |
| 2013 | 471,182,631 | 434,287,168 | 77,228,703 | 2,143,277 | 341,684,553 | 643,157,226 | 407,340,833 | 577,500,946 | 984,841,779 |
| 2014 | 479,990,818 | 438,623,717 | 79,487,116 | 1,947,107 | 354,703,991 | 645,344,767 | 409,520,451 | 590,528,307 | 1,000,048,758 |
| 2015 | 404,426,770 | 419,514,932 | 70,857,085 | 2,141,776 | 306,821,302 | 590,119,261 | 348,977,735 | 547,962,828 | 896,940,563 |
| 2016 | 325,147,260 | 330,242,617 | 71,309,951 | 1,664,670 | 252,106,254 | 476,258,244 | 281,627,159 | 446,737,339 | 728,364,498 |
| 2017 | 353,519,714 | 351,502,385 | 67,674,760 | 1,912,498 | 273,128,860 | 501,480,497 | 304,429,935 | 470,179,422 | 774,609,357 |

https://www.eia.gov/coal/annual/pdf/table_es1.pdf

Cell: D9**Comment:** Rick Heede:

www.kiewit.com (Feb10): "For 65 years, Kiewit Mining Group has been one of North America's premier producers of high-quality, high-energy coal. Kiewit Mining Group owns or manages coal mines in Montana, Wyoming and Texas. We specialize in mine management, production, maintenance and contract mining ventures. We are currently expanding our mining ventures into Canada. Since 1944, Kiewit has been involved in the mining of more than 675 million tons of coal. Kiewit Mining Group operates or manages four surface coal mines capable of producing more than 37 million tons per year."

Company history:

In 1943, Kiewit managers spotted the opportunity to keep existing construction employees and equipment productive throughout the winter by launching a new technique – surface coal mining – outside of Sheridan. Because all area coal mines prior to that time had existed as underground operations, Kiewit became a pioneer in the industry. With this new technique, Kiewit established Big Horn Coal. As other mines in the area followed suit, the face of coal mining was changed forever.

In the 1960s and 1970s, Kiewit continued to grow its coal mining business with the development of the Rosebud and Black Butte Coal Mines in Wyoming, and Decker Coal Mine in Montana. In the 1970s, Decker was one of North America's largest surface mines. It produced more than 10 million tons of coal per year. With high production coming from the four surface mines, Kiewit Mining Group was formed as a new business subsidiary. Kiewit Mining Group other coal mining operations are Walnut Creek Mining Company in Texas, and Buckskin Mining Company in Wyoming. In addition, contract mining continues to broaden Kiewit Mining Group's expertise, personnel and equipment. To date, through its mining operations and mine management, Kiewit Mining Group has been involved in moving more than 3.8 billion cu. yd. of overburden and coal, and is recognized as one of the top 10 coal producers in the nation.

Cell: M9**Comment:** Rick Heede:

Kiewit.com/about-us:

- "The Kiewit workforce includes 10,400 core staff and 15,600 skilled craft workers.
- Kiewit is owned by active employees, creating a level of motivation that keeps the company on top."

Cell: G17**Comment:** Rick Heede:

"Since 1944, Kiewit has been involved in the mining of more than 675 million tons of coal." Coal mines in MT, WY, and TX. Subsidiaries: Omaha (NE), Black Butte (WY), Decker (MT), Buckskin Mining (WY), and Walnut Creek (TX). www.kiewit.com (Feb2010.)

Cell: J18**Comment:** Rick Heede (Feb10):

CMS estimates kiewit's annual coal production based on the company statement that "Since 1944, Kiewit has been involved in the mining of more than 675 million tons of coal" and the documented production 1987 through 2008 by reducing known production in 1987 (9.4 million tons) by 1.2 percent per annum going back to the first year of production in 1944. While Kiewit's annual production would have varied over the years, the company's total production 1944 - 2008 is quite close to 675 million tons.

Cell: J61**Comment:** Rick Heede:

Kiewit annual coal production from Keystone Coal Industry Annual (for 1987-1995, and National Mining Association's Coal Producer Survey 1996-2008 (except EIA for 2006, NMA na).

Cell: E63**Comment:** Rick Heede:

Company website: "Walnut Creek Mining Company - Bremond, TX. Established in 1989, Walnut Creek has a capacity of more than 2 million tons of lignite per year. The mine produces and hauls the fuel to the nearby Twin Oaks power plant, providing an excellent energy source in East Texas."

CMS assumes constant production of 2 million tons of lignite per year (since the mine supplies a power plant).

Cell: H63**Comment:** Rick Heede:

Kiewit's assumed production of hard coal (presumed subbituminous, from operations in Wyoming and Montana); lignite production in Texas commenced in 1987 (mine capacity ~2 million tons/yr); hard coal production equals total production in column "J" and lignite production.

Cell: M76**Comment:** Rick Heede:

"Buckskin Mining Company is located 10 miles north of Gillette, Wyoming within the Southern Powder River Basin. The mine has a current capacity of 25 million tons per year and delivers its coal to numerous customers throughout the United States."

Cell: M77**Comment:** Rick Heede:

"Established in 1989, Walnut Creek has a capacity of more than 2 million tons of lignite per year. The mine produces and hauls the fuel to the nearby Twin Oaks power plant, providing an excellent energy source in East Texas."

Cell: M78**Comment:** Rick Heede:

"Located in the heart of Sweetwater County, Wyoming, this is the largest, by area, permitted surface mine in the United States. It is a complex multi-pit mine with a capacity of more than 3.5 million tons per year. The facility employs the latest high-production equipment to produce coal that is uniformly high in quality."

Cell: M79**Comment:** Rick Heede:

"Operating since 1970 in Big Horn County, Montana, Decker Coal Company is located in the northern Powder River Basin. Under the management of Kiewit Mining Group, Inc., the mine continues to be a modern and productive surface facility that produces economical fuel for today's demanding energy market."

Cell: M80**Comment:** Rick Heede:

"The 11 pits that made up Rosebud Coal Sales Company yielded 32 million tons of coal during its 40-yr. history. As reclamation efforts evolved, many innovative techniques were developed to complete reclamation of 4,000 acres. As a result, Kiewit has helped shape the current industry and state standards and guidelines for post-mining reclamation."

Cell: J83**Comment:** Rick Heede:

National Mining Assoc Coal Producer Survey 2010 pdf table 1 (Rhea)

Cell: J84**Comment:** Rick Heede:

Coal Producer Survey 2010 pdf table 1 (Rhea)

Cell: E85**Comment:** Rick Heede:

On January 1, 2011, Kiewit was awarded a contract to provide management services to mine and deliver lignite from the San Miguel Mine. Approximately 3.3 million tons of lignite coal is delivered to the adjacent 400-MW San Miguel Electric Cooperative, Inc. power plant, which is the owner of the mine.

Cell: J85**Comment:** Rick Heede:

NMA Coal Producer Survey 2011, Table 1.

Cell: M85**Comment:** Rick Heede:

"On January 1, 2011, Kiewit was awarded a contract to provide management services to mine and deliver lignite from the San Miguel Mine. Approximately 3.3 million tons of lignite coal is delivered to the adjacent 400-MW San Miguel Electric Cooperative, Inc. power plant, which is the owner of the mine."
<https://www.kiewit.com/projects/mining/>

Cell: J86**Comment:** Rick Heede:

EIA Annual Coal Report, Table 10. Major U.S. Coal Producers, 2012.

Cell: N193**Comment:** Rick Heede:

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