

Table 6. U.S. Coal Supply, Consumption, and Inventories (million short tons)
U.S. Energy Information Administration | Short-Term Energy Outlook - August 2024

	2023				2024				2025				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2023	2024	2025
Supply															
Total supply	105.5	102.3	138.6	103.2	102.2	91.5	123.9	101.8	101.1	81.2	130.2	101.3	449.6	419.4	413.9
Secondary inventory withdrawals	-20.1	-19.1	11.1	-14.8	-2.0	4.4	13.6	-2.2	0.5	-4.6	28.9	8.8	-42.8	13.8	33.7
Waste coal (a)	2.0	1.9	2.2	2.3	2.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	8.3	5.9	4.8
Total primary supply	123.5	119.5	125.3	115.7	101.8	85.9	109.1	102.9	99.4	84.6	100.1	91.3	484.1	399.7	375.4
U.S. total coal production	148.7	142.3	145.6	140.8	129.9	110.2	130.9	128.0	123.1	107.5	123.3	120.1	577.5	499.0	474.0
Appalachia	42.9	42.5	40.0	39.7	39.6	32.9	37.3	36.9	36.5	33.3	32.6	34.1	165.1	146.6	136.5
Interior	25.4	23.5	22.6	22.3	22.2	17.5	20.9	21.0	21.1	17.6	18.6	18.3	93.7	81.5	75.6
Western	80.4	76.4	83.0	78.9	68.1	59.9	72.8	70.2	65.5	56.7	72.1	67.7	318.7	270.9	262.0
Net imports	-23.6	-23.1	-23.9	-25.2	-26.5	-24.6	-23.9	-25.1	-23.3	-23.1	-25.3	-28.9	-95.8	-100.1	-100.5
Gross imports	1.0	1.0	1.0	1.0	0.3	0.6	1.1	0.9	0.6	0.7	1.1	0.8	4.0	2.9	3.2
Gross exports	24.6	24.1	24.9	26.2	26.8	25.1	25.0	26.0	23.9	23.8	26.4	29.7	99.8	103.0	103.8
Metallurgical coal	12.4	12.6	13.6	12.7	14.3	12.2	11.4	11.4	11.5	12.9	12.8	13.3	51.3	49.3	50.4
Steam coal	12.2	11.5	11.3	13.5	12.5	13.0	13.6	14.6	12.4	10.9	13.7	16.4	48.5	53.6	53.4
Primary inventory withdrawals	-1.6	0.3	3.6	0.1	-1.6	0.3	2.1	0.0	-0.4	0.1	2.2	0.0	2.4	0.8	1.9
Consumption															
U.S. total coal consumption	101.7	91.5	132.0	100.8	100.2	93.6	125.3	101.8	101.1	81.2	130.2	101.3	425.9	420.9	413.9
Coke plants	4.0	3.9	4.0	4.0	3.9	3.9	3.9	4.0	3.9	4.0	4.0	4.1	15.8	15.6	16.1
Electric power sector (b)	91.2	82.0	122.7	91.3	90.7	84.7	116.5	92.2	91.6	72.4	121.3	91.6	387.2	384.1	376.8
Retail and other industry	6.5	5.6	5.3	5.5	5.7	5.0	4.9	5.7	5.7	4.8	4.9	5.6	22.9	21.2	21.0
Residential and commercial	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.3	0.1	0.1	0.2	0.7	0.6	0.7
Other industrial	6.3	5.5	5.1	5.3	5.4	4.9	4.8	5.5	5.4	4.7	4.8	5.4	22.2	20.6	20.3
Discrepancy (c)	3.8	10.9	6.6	2.4	2.0	-2.1	-1.4	0.0	0.0	0.0	0.0	0.0	23.6	-1.5	0.0
End-of-period inventories	135.7	154.4	139.7	154.4	158.0	153.3	137.6	139.8	139.7	144.2	113.1	104.2	154.4	139.8	104.2
Primary inventories (d)	22.4	22.1	18.5	18.4	20.0	19.7	17.6	17.6	18.1	18.0	15.8	15.7	18.4	17.6	15.7
Secondary inventories	113.3	132.3	121.2	136.0	138.0	133.6	120.0	122.2	121.7	126.2	97.3	88.5	136.0	122.2	88.5
Electric power sector	109.0	127.7	116.6	131.4	133.6	129.2	115.4	117.6	117.7	122.1	92.8	84.0	131.4	117.6	84.0
Retail and general industry	2.5	2.8	2.7	2.9	2.8	2.6	2.9	2.9	2.4	2.5	2.8	2.9	2.9	2.9	2.9
Coke plants	1.7	1.7	1.7	1.6	1.4	1.6	1.6	1.5	1.3	1.4	1.4	1.4	1.6	1.5	1.4
Commercial & institutional	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
Coal market indicators															
Coal miner productivity (tons per hour)	6.03	6.03	6.03	6.03	5.85	5.85	5.85	5.85	5.80	5.80	5.80	5.80	6.03	5.85	5.80
Total raw steel production (million short tons) ..	21.227	22.165	22.510	22.298	22.216	22.362	23.146	23.284	22.688	23.425	23.908	24.120	88.200	91.007	94.142
Cost of coal to electric utilities (dollars per million Btu) ..	2.57	2.49	2.51	2.51	2.50	2.56	2.56	2.52	2.53	2.51	2.51	2.48	2.52	2.53	2.51

(a) Waste coal includes waste coal and coal slurry reprocessed into briquettes.

(b) Coal used for electricity generation and (a limited amount of) useful thermal output by electric utilities and independent power producers.

(c) The discrepancy reflects an unaccounted-for shipper and receiver reporting difference, assumed to be zero in the forecast period.

(d) Primary stocks are held at the mines and distribution points.

Notes:

EIA completed modeling and analysis for this report on August 1, 2024.

- = no data available

The approximate break between historical and forecast values is shown with historical data with no shading; estimates and forecasts are shaded gray.

Sources:

Historical data: Latest data available from Energy Information Administration databases supporting the following reports: *Quarterly Coal Report*, DOE/EIA-0121; and *Electric Power Monthly*, DOE/EIA-0226.