

Table 6. U.S. Coal Supply, Consumption, and Inventories

U.S. Energy Information Administration | Short-Term Energy Outlook - February 2023

	2022				2023				2024				Year		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024
Supply (million short tons)															
Production	149.0	141.7	153.2	148.3	133.5	124.9	133.8	125.8	123.9	117.2	128.2	124.6	592.2	518.0	493.9
Appalachia	40.2	38.7	38.7	38.4	36.6	35.2	31.0	30.1	31.9	31.6	28.5	29.3	156.0	132.9	121.4
Interior	23.8	21.9	22.7	22.9	23.2	21.9	22.7	21.1	22.3	20.6	21.6	20.7	91.4	88.9	85.3
Western	85.0	81.1	91.7	86.9	73.7	67.7	80.1	74.7	69.7	64.9	78.0	74.6	344.8	296.3	287.3
Primary Inventory Withdrawals	-1.9	0.0	3.4	-0.2	-1.7	0.1	3.5	0.0	-1.7	0.2	3.5	0.0	1.3	2.0	2.0
Imports	1.3	1.6	2.0	1.7	1.0	1.1	1.3	0.9	0.6	0.8	1.2	0.9	6.6	4.3	3.5
Exports	20.2	23.0	20.7	22.0	22.1	22.9	21.0	22.0	22.8	24.5	23.4	25.3	85.9	88.1	96.0
Metallurgical Coal	10.5	13.1	11.6	12.2	12.1	12.6	11.3	11.6	12.2	13.3	12.5	13.2	47.4	47.6	51.2
Steam Coal	9.7	9.9	9.2	9.8	10.0	10.3	9.7	10.4	10.6	11.2	10.9	12.1	38.6	40.5	44.8
Total Primary Supply	128.2	120.4	137.8	127.7	110.7	103.2	117.6	104.8	100.1	93.7	109.5	100.2	514.1	436.3	403.4
Secondary Inventory Withdrawals	5.9	-1.1	7.0	-12.3	-7.2	-5.8	11.5	-7.5	9.3	-0.6	17.0	-1.7	-0.4	-8.9	23.9
Waste Coal (a)	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	7.5	7.2	7.2
Total Supply	135.9	121.2	146.7	117.4	105.3	99.2	131.0	99.1	111.2	94.9	128.3	100.2	521.3	434.6	434.6
Consumption (million short tons)															
Coke Plants	4.2	3.9	3.9	3.9	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	16.0	15.7	16.2
Electric Power Sector (b)	122.6	107.2	134.7	105.1	95.2	89.9	121.7	89.0	101.0	85.7	119.0	90.1	469.7	395.7	395.7
Retail and Other Industry	6.9	6.7	6.5	6.7	6.3	5.4	5.4	6.1	6.2	5.2	5.2	6.0	26.8	23.2	22.6
Residential and Commercial	0.2	0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.8	0.9	0.9
Other Industrial	6.7	6.6	6.3	6.5	6.0	5.2	5.2	5.9	5.9	5.0	5.1	5.7	26.0	22.3	21.7
Total Consumption	133.7	117.9	145.1	115.7	105.3	99.2	131.0	99.1	111.2	94.9	128.3	100.2	512.4	434.6	434.6
Discrepancy (c)	2.2	3.3	1.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0
End-of-period Inventories (million short tons)															
Primary Inventories (d)	21.0	20.9	17.5	17.7	19.4	19.3	15.7	15.7	17.4	17.3	13.7	13.7	17.7	15.7	13.7
Secondary Inventories	90.5	91.5	84.5	96.8	104.0	109.7	98.2	105.6	96.4	97.0	80.0	81.7	96.8	105.6	81.7
Electric Power Sector	86.3	87.4	80.2	91.3	99.3	104.9	93.1	100.7	92.1	92.6	75.3	77.1	91.3	100.7	77.1
Retail and General Industry	2.4	2.4	2.5	3.5	3.0	3.0	3.2	3.2	2.7	2.8	3.0	3.0	3.5	3.2	3.0
Coke Plants	1.6	1.6	1.6	1.8	1.6	1.7	1.7	1.6	1.4	1.5	1.5	1.5	1.8	1.6	1.5
Commercial & Institutional	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Coal Market Indicators															
Coal Miner Productivity															
(Tons per hour)	6.05	6.05	6.05	6.05	5.98	5.98	5.98	5.98	5.80	5.80	5.80	5.80	6.05	5.98	5.80
Total Raw Steel Production															
(Million short tons per day)	0.253	0.253	0.247	0.235	0.237	0.235	0.235	0.239	0.245	0.241	0.244	0.247	0.247	0.236	0.244
Cost of Coal to Electric Utilities															
(Dollars per million Btu)	2.18	2.26	2.50	2.48	2.50	2.50	2.49	2.46	2.48	2.49	2.49	2.46	2.36	2.49	2.48

(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.

- = no data available

Notes: EIA completed modeling and analysis for this report on February 2, 2022.

The approximate break between historical and forecast values is shown with historical data printed in bold; estimates and forecasts in italics.

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

Minor discrepancies with published historical data are due to independent rounding.

Forecasts: EIA Short-Term Integrated Forecasting System.