



NATIONAL MINING ASSOCIATION

WEEKLY STATISTICAL SUMMARY

December 13, 2024 Edition
(Data for Week Ending December 7, 2024)

Prepared by
National Mining Association

101 Constitution Avenue NW, Suite 500 East
Washington, DC 20001
(202) 463-2600
www.nma.org



NMA WEEKLY STATISTICAL SUMMARY

Vol. 62, No. 49 | Dated 12/13/24

COAL PRODUCTION, CONSUMPTION & TRADE

| | Week Ended | | | * Cumulative Jan 1 to | | |
|---|----------------------------|----------------------------|------------------------|-----------------------------------|-----------------------------------|------------------------|
| | 12/07/24 | 12/09/23 | % Chg | 12/07/24 | 12/07/23 | % Chg |
| EIA Coal Production (000 Tons): | | | | | | |
| Week Ended/Year to Date | 9,838 | 11,063 | -11.1% | 478,388 | 543,379 | -12.0% |
| 52 Weeks Ended | 509,865 | 587,066 | -13.2% | | | |
| AAR Coal Rail Cars Loaded: | 57,764 | 66,911 | -13.7% | 2,760,773 | 3,213,984 | -14.1% |
| EIA Coal Production Month Ended - November | Nov 24/23 40,770 | Nov 24/23 47,519 | % Chg -14.2% | Jan - Nov 24/23 468,551 | Jan - Nov 24/23 532,243 | % Chg -12.0% |

U.S. Department of Commerce Coal Trade (000 Tons)

| | October 24/23 | | % Chg | Jan - Oct 24/23 | | % Chg |
|---------------|---------------|---------------|---------|-----------------|-----------------|--------|
| | October 24/23 | October 24/23 | | Jan - Oct 24/23 | Jan - Oct 24/23 | |
| Coal Exports: | | | | | | |
| Metallurgical | 4,242 | 4,279 | -0.9% | 45,817 | 42,881 | 6.8% |
| Steam Bit. * | 4,676 | 5,131 | -8.9% | 42,417 | 39,522 | 7.3% |
| Lignite | 69 | 6 | 1050.0% | 137 | 80 | 71.3% |
| Anthracite | <u>49</u> | <u>41</u> | 19.5% | <u>625</u> | <u>629</u> | -0.6% |
| Total | 9,036 | 9,457 | -4.5% | 88,996 | 83,112 | 7.1% |
| Coal Imports: | 248 | 314 | -21.0% | 1,586 | 3,029 | -47.6% |

| | Week Ended | | | Cumulative Week 1 to | | |
|-------------------------------------|------------|----------|-------|----------------------|-----------|-------|
| | 12/07/24 | 12/09/23 | % Chg | 12/07/24 | 12/09/23 | % Chg |
| EI Electric Total Output (Mil. Kwh) | 83,412 | 75,237 | 10.9% | 3,943,123 | 3,845,972 | 2.5% |
| EI Coal Region Output (Mil. Kwh) | 72,238 | 64,662 | 11.7% | 3,430,014 | 3,340,541 | 2.7% |
| AISI Raw Steel Output (000 Tons) | 1,668 | 1,705 | -2.2% | 82,185 | 84,127 | -2.3% |

EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

| Average Coal Spot Prices (\$/Short Ton) | Week Ending | | | Natural Gas Spot Prices (\$/MMBtu) | |
|---|-------------|----------|-------|------------------------------------|----------|
| | 12/06/24 | 11/29/24 | % Chg | Wed. | 12/04/24 |
| Central App, 12,500 Btu, 1.2 SO ₂ | \$76.25 | \$78.65 | -3.1% | Henry Hub | 2.83 |
| Northern App, 13,000 Btu, < 3.0 SO ₂ | 50.00 | 48.50 | 3.1% | New York | 3.30 |
| Illinois Basin, 11,800, 5.0 SO ₂ | 45.00 | 41.50 | 8.4% | Chicago | 2.72 |
| Powder River Basin, 8,800 Btu 0.8 SO ₂ | 14.20 | 14.05 | 1.1% | Cal.Comp.Avg. | 3.43 |

Coal exports and Imports are "as reported" (not revised); *Steam bit. excludes lignite & anthracite. All data in this report are preliminary and subject to revision. r/ revised.

Sources: EIA; Edison Electric Institute; American Iron & Steel Institute; Association of American Railroads; Dept. of Commerce; S&P Global



EIA Estimated Weekly U.S. Coal Production Overview

| Coal-Producing Region & State (thousand short tons) | Week Ended | | | Year to Date | | | 52 Weeks Ended | | |
|--|------------------------|-------------------------|------------------------|----------------|----------------|--------------|----------------|----------------|--------------|
| | 12/7/2024 (week 49) | 11/30/2024 (week 48) | 12/9/2023 (week 49) | 12/7/2024 | 12/7/2024 | % Change | 12/7/2024 | 12/9/2023 | % Change |
| Alabama | 281 | 259 | 248 | 13,440 | 11,270 | 19.3 | 14,144 | 12,053 | 17.3 |
| Alaska | 20 | 17 | 18 | 906 | 952 | -4.8 | 958 | 1,039 | -7.8 |
| Colorado | 283 | 249 | 286 | 12,240 | 11,479 | 6.6 | 13,052 | 12,383 | 5.4 |
| Illinois | 672 | 614 | 700 | 33,813 | 34,840 | -2.9 | 35,806 | 37,523 | -4.6 |
| Indiana | 379 | 335 | 421 | 18,892 | 22,467 | -15.9 | 20,089 | 24,335 | -17.4 |
| Kentucky total | 465 | 411 | 505 | 23,104 | 26,634 | -13.3 | 24,540 | 28,760 | -14.7 |
| Eastern (KY) | 192 | 172 | 219 | 9,728 | 11,593 | -16.1 | 10,352 | 12,517 | -17.3 |
| Western (KY) | 274 | 239 | 285 | 13,376 | 15,041 | -11.1 | 14,188 | 16,242 | -12.6 |
| Louisiana | 5 | 4 | 4 | 244 | 275 | -11.4 | 256 | 299 | -14.4 |
| Maryland | 26 | 22 | 23 | 1,211 | 1,202 | 0.8 | 1,277 | 1,313 | -2.7 |
| Mississippi | 36 | 40 | 67 | 1,957 | 2,474 | -20.9 | 2,149 | 2,706 | -20.6 |
| Missouri | 3 | 3 | 3 | 145 | 131 | 10.4 | 153 | 139 | 10.1 |
| Montana | 514 | 469 | 582 | 25,295 | 27,252 | -7.2 | 26,951 | 29,226 | -7.8 |
| New Mexico | 111 | 107 | 110 | 6,739 | 7,643 | -11.8 | 7,053 | 8,312 | -15.1 |
| North Dakota | 469 | 433 | 454 | 23,588 | 22,669 | 4.1 | 24,879 | 24,493 | 1.6 |
| Ohio | 33 | 28 | 32 | 1,627 | 1,847 | -11.9 | 1,719 | 2,015 | -14.7 |
| Oklahoma | s | s | s | s | 2 | -73.8 | 1 | 2 | -50.0 |
| Pennsylvania total | 792 | 717 | 869 | 38,113 | 40,003 | -4.7 | 40,585 | 43,113 | -5.9 |
| Anthracite (PA) | 60 | 56 | 58 | 2,906 | 2,734 | 6.3 | 3,072 | 2,937 | 4.6 |
| Bituminous (PA) | 732 | 661 | 810 | 35,207 | 37,268 | -5.5 | 37,513 | 40,176 | -6.6 |
| Texas | 219 | 206 | 268 | 10,930 | 12,979 | -15.8 | 11,691 | 14,294 | -18.2 |
| Utah | 137 | 116 | 120 | 6,452 | 6,545 | -1.4 | 6,794 | 7,179 | -5.4 |
| Virginia | 170 | 151 | 184 | 8,909 | 10,049 | -11.3 | 9,433 | 10,901 | -13.5 |
| West Virginia total | 1,448 | 1,312 | 1,539 | 74,327 | 79,875 | -6.9 | 78,707 | 86,021 | -8.5 |
| Northern (WV) | 734 | 656 | 805 | 37,441 | 42,098 | -11.1 | 39,731 | 45,539 | -12.8 |
| Southern (WV) | 714 | 655 | 735 | 36,886 | 37,777 | -2.4 | 38,976 | 40,482 | -3.7 |
| Wyoming | 3,774 | 3,383 | 4,630 | 176,455 | 222,791 | -20.8 | 189,629 | 240,959 | -21.3 |
| Appalachian total | 2,941 | 2,660 | 3,115 | 147,356 | 155,837 | -5.4 | 156,217 | 167,933 | -7.0 |
| Interior total | 1,589 | 1,441 | 1,748 | 79,357 | 88,210 | -10.0 | 84,332 | 95,540 | -11.7 |
| Western total | 5,308 | 4,775 | 6,200 | 251,676 | 299,332 | -15.9 | 269,316 | 323,592 | -16.8 |
| East of Mississippi River | 4,302 | 3,888 | 4,588 | 215,393 | 230,661 | -6.6 | 228,448 | 248,740 | -8.2 |
| West of Mississippi River | 5,536 | 4,988 | 6,475 | 262,995 | 312,718 | -15.9 | 281,417 | 338,326 | -16.8 |
| Bituminous and lignite | 9,777 | 8,820 | 11,005 | 475,483 | 540,645 | -12.1 | 506,793 | 584,129 | -13.2 |
| Anthracite | 60 | 56 | 58 | 2,906 | 2,734 | 6.3 | 3,072 | 2,937 | 4.6 |
| U.S. total | 9,838 | 8,876 | 11,063 | 478,388 | 543,379 | -12.0 | 509,865 | 587,066 | -13.2 |
| Railroad cars loaded | 57,764 | 52,126 | 66,911 | 2,760,773 | 3,213,984 | -14.1 | 2,952,719 | 3,469,965 | -14.9 |

Source: Energy Information Administration



Weekly Electric Output

Volume 92 No. 49

OUTPUT FOR WEEK ENDED - Dec 07, 2024

The net available amount of electric energy distributed by the Total Electric Utility Industry+ for the week ended Saturday, **Dec 07, 2024** was **83,412** gigawatthours (GWh), according to the Edison Electric Institute.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

| | Week Ended December 07 | | 52 Weeks Ended December 07 | |
|----------------------------|------------------------|--|----------------------------|--|
| | GWh Output | % Increase Over Corresponding Week of 2023 | GWh Output | % Increase Over Corresponding Week of 2023 |
| New England | 2,402 | 3.87 % | 112,292 | 0.74 % |
| Mid-Atlantic | 8,470 | 9.49 % | 412,147 | 1.83 % |
| Central Industrial | 13,612 | 13.22 % | 651,445 | 1.96 % |
| West Central | 6,846 | 7.95 % | 332,493 | -2.02 % |
| Southeast | 21,534 | 17.52 % | 1,035,214 | 2.39 % |
| South Central | 15,996 | 9.96 % | 892,731 | 3.13 % |
| Rocky Mountain | 5,780 | 1.56 % | 304,231 | 3.39 % |
| Pacific Northwest | 3,769 | 11.88 % | 159,560 | -0.27 % |
| Pacific Southwest | 5,002 | 2.22 % | 273,182 | 2.03 % |
| Total United States | 83,412 | 10.87 % | 4,173,295 | 1.96 % |

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

| Week Ended | 2024 | Week Ended | 2023 | % Inc. (24/23) | 52 Weeks Ended | 2024 | % Inc. (24/23) |
|---------------|------------------|---------------|------------------|----------------|-------------------------------------|-----------|----------------|
| Nov 16 | 71,764 | Nov 18 | 70,318 | 2.06 % | Nov 16 | 4,165,449 | 1.80 % |
| Nov 23 | 73,873 | Nov 25 | 71,126 | 3.86 % | Nov 23 | 4,168,195 | 1.91 % |
| Nov 30 | 74,881 | Dec 02 | 77,956 | -3.94 % | Nov 30 | 4,165,120 | 1.76 % |
| Dec 07 | 83,412 | Dec 09 | 75,237 | 10.87 % | Dec 07 | 4,173,295 | 1.96 % |
| Dec 07 | 3,943,123 | Dec 09 | 3,845,972 | 2.53 % | YEAR TO DATE, FIRST 49 WEEKS | | |

**EI WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)**

| | Week Ended | | | NMA CUMULATIVE JANUARY WEEK ONE TO | | | 52 Weeks Ended | | |
|--|--------------------------------|--------------------------------|--|------------------------------------|--------------------------------|--|--------------------------------|--------------------------------|--|
| | 7-Dec 2024 GWh Output | 9-Dec 2023 GWh Output | % Increase Over Corresponding Week | 7-Dec 2024 GWh Output | 9-Dec 2023 GWh Output | % Increase Over Corresponding Week | 7-Dec 2024 GWh Output | 9-Dec 2023 GWh Output | % Increase Over Corresponding Week |
| New England | 2,402 | 2,313 | 3.8% | 105,640 | 104,350 | 1.2% | 112,292 | 111,460 | 0.7% |
| Mid-Atlantic | 8,470 | 7,735 | 9.5% | 389,029 | 379,425 | 2.5% | 412,147 | 404,742 | 1.8% |
| Central Industrial | 13,612 | 12,023 | 13.2% | 615,020 | 599,234 | 2.6% | 651,445 | 638,924 | 2.0% |
| West Central | 6,846 | 6,342 | 7.9% | 313,924 | 318,737 | -1.5% | 332,493 | 339,340 | -2.0% |
| Southeast | 21,534 | 18,324 | 17.5% | 977,214 | 947,535 | 3.1% | 1,035,214 | 1,011,044 | 2.4% |
| South Central | 15,996 | 14,547 | 10.0% | 847,374 | 818,693 | 3.5% | 892,731 | 865,650 | 3.1% |
| Rocky Mountain | 5,780 | 5,691 | 1.6% | 287,452 | 276,918 | 3.8% | 304,231 | 294,262 | 3.4% |
| Pacific Northwest | 3,769 | 3,369 | 11.9% | 149,159 | 148,395 | 0.5% | 159,560 | 159,989 | -0.3% |
| Pacific Southwest | 5,002 | 4,893 | 2.2% | 258,301 | 252,686 | 2.2% | 273,182 | 267,741 | 2.0% |
| Total United States ^{1/} | 83,411 | 75,237 | 10.9% | 3,943,114 | 3,845,972 | 2.5% | 4,173,295 | 4,093,152 | 2.0% |
| Coal Regions Only ^{2/} | 72,238 | 64,662 | 11.7% | 3,430,014 | 3,340,541 | 2.7% | 3,628,261 | 3,553,962 | 2.1% |

Notes: EEI output data are an estimate of electricity load made available for distribution derived as weekly net generation + purchases from non-utilities + net imports - exports - sales for resale. It is not meant to be a measure of electricity generation for the U.S. EEI survey data represent the majority of national distribution (large utilities, large government power projects, some independent and large municipal power projects). The remaining segment of the industry (smaller producers) is estimated. Non-utility generation is captured via direct sales to utilities.

^{1/} Excludes Alaska and Hawaii

^{2/} Excludes New England and Pacific regions

SOURCE: Edison Electric Institute (EEI), *Weekly Electric Output Report*.

AMERICAN IRON AND STEEL INSTITUTE
 25 Massachusetts Avenue, NW, Suite 800
 Washington, D.C. 20001

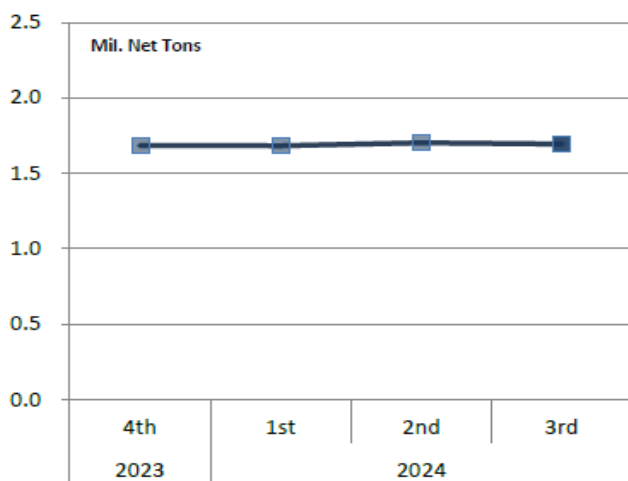
December 9, 2024

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

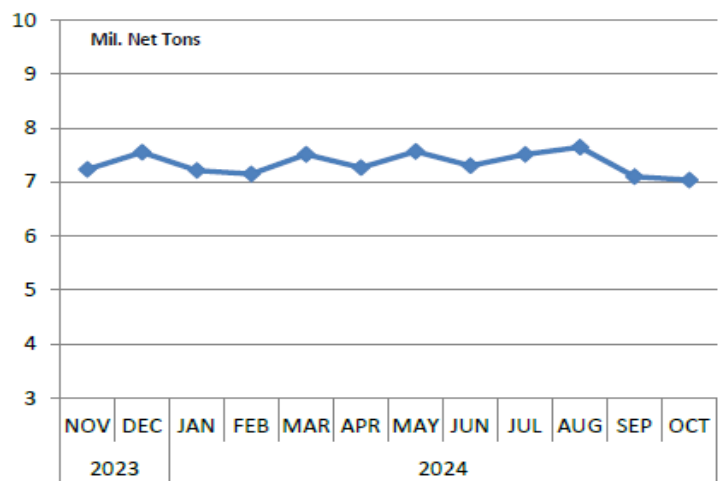
| <u>Period</u> | <u>Thousand Net Tons</u> | <u>Percent Change from Previous Period</u> | <u>Percent Capability Utilization**</u> | <u>Production by District</u> | | |
|------------------------------|--------------------------|--|---|-------------------------------|---------------|--------------|
| | | | | <u>Week Ending</u> | | |
| | | | | <u>Dec 7</u> | <u>Nov 30</u> | |
| <u>Week Ending</u> | | | | North East | 120 | 127 |
| | | | | Great Lakes | 553 | 544 |
| Dec 7, 2024 | 1,668 | 1.8 | 75.1 | Midwest | 234 | 227 |
| Dec 7, 2023 | 1,705 | -2.2 | 74.2 | Southern | 702 | 690 |
| Nov 30, 2024 | 1,638 | -1.0 | 73.8 | Western | 59 | 50 |
| | | | | Total | 1,668 | 1,638 |
| <u>Year-to-Date +</u> | | | | | | |
| Dec 7, 2024 | 82,185 | -2.3 | 75.7 | | | |
| Dec 7, 2023 | 84,127 | - | 76.0 | | | |

*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides a more accurate summary of steel production based on data supplied by companies representing approximately 75% of U.S. production capacity plus includes revisions for previous months.

Average Weekly Raw Steel Production



Monthly Raw Steel Production



*Steel in the first solid state after melting suitable for further processing or sale, including ingots, steel for castings and strand or pressure cast blooms, slabs or other product forms. ** Based on tonnage capability to produce raw steel for a sustained full order book.

U.S. Rail Traffic¹
 Week 49, 2024 – Ended December 7, 2024

| | This Week | | Year-To-Date | | |
|-------------------------------------|----------------|--------------|-------------------|---------------------|--------------|
| | Cars | vs 2023 | Cumulative | Avg/wk ² | vs 2023 |
| Total Carloads | 224,899 | -1.8% | 10,693,127 | 218,227 | -3.1% |
| Chemicals | 33,599 | 8.4% | 1,586,837 | 32,384 | 4.1% |
| Coal | 57,764 | -13.0% | 2,763,957 | 56,407 | -14.0% |
| Farm Products excl. Grain, and Food | 17,732 | 7.6% | 820,425 | 16,743 | 3.1% |
| Forest Products | 8,356 | -3.6% | 402,925 | 8,223 | 1.2% |
| Grain | 23,143 | 11.8% | 1,002,615 | 20,462 | 8.8% |
| Metallic Ores and Metals | 20,289 | -1.4% | 976,084 | 19,920 | -3.5% |
| Motor Vehicles and Parts | 15,046 | -13.9% | 744,673 | 15,197 | 1.3% |
| Nonmetallic Minerals | 28,164 | -3.1% | 1,450,568 | 29,603 | -6.5% |
| Petroleum and Petroleum Products | 11,488 | 8.3% | 515,910 | 10,529 | 10.1% |
| Other | 9,318 | 16.2% | 429,133 | 8,758 | 3.8% |
| Total Intermodal Units | 295,995 | 9.7% | 13,045,681 | 266,238 | 9.1% |
| Total Traffic | 520,894 | 4.4% | 23,738,808 | 484,465 | 3.3% |

¹ Excludes U.S. operations of CPKC, CN and GMXT.

² Average per week figures may not sum to totals as a result of independent rounding.

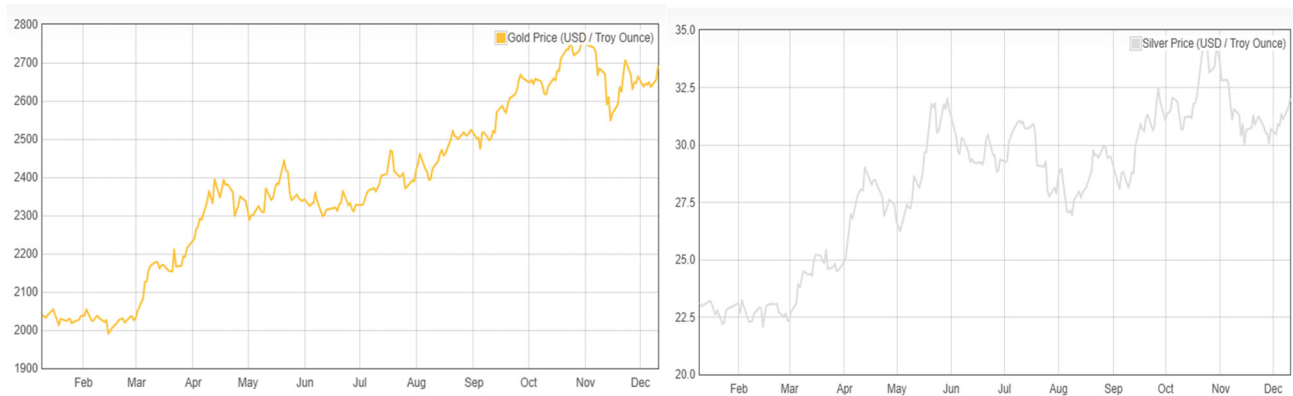
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

Copper, Gold and Silver Prices

Copper Prices:

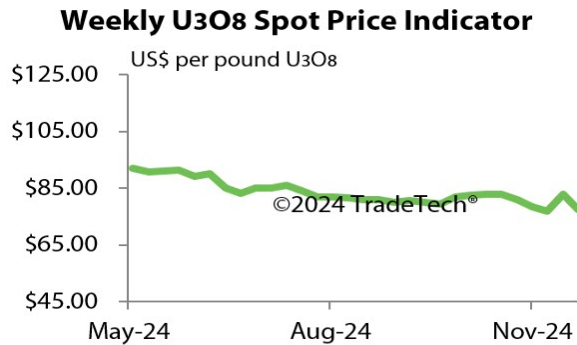


Gold and Silver Prices:



Source: Dailymetalprice.com - <https://www.dailymetalprice.com/metalprices.php>

Trade Tech's and UX's Uranium Price Indicators



Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>

Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

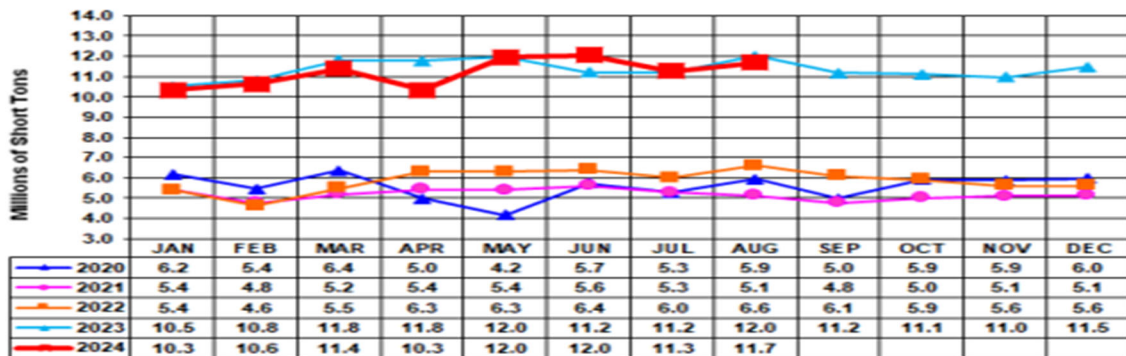
| Zone | Coal | September 2024 | | September 2023 | | % Change of Stocks | August 2024 | | % Change of Stocks |
|------------|---------------|--------------------|--------------|--------------------|--------------|--------------------|--------------------|--------------|--------------------|
| | | Stocks (1000 tons) | Days of Burn | Stocks (1000 tons) | Days of Burn | | Stocks (1000 tons) | Days of Burn | |
| Northeast | Bituminous | 2,056 | 217 | 2,163 | 279 | -5.0% | 1,808 | 204 | 13.7% |
| | Subbituminous | - | - | - | - | - | - | - | - |
| South | Bituminous | 19,429 | 147 | 19,314 | 147 | 0.6% | 19,433 | 150 | -0.0% |
| | Subbituminous | 6,008 | 106 | 5,594 | 105 | 7.4% | 6,040 | 103 | -0.5% |
| Midwest | Bituminous | 11,299 | 133 | 12,737 | 146 | -11.3% | 11,367 | 135 | -0.6% |
| | Subbituminous | 31,779 | 145 | 29,159 | 156 | 9.0% | 31,140 | 140 | 2.1% |
| West | Bituminous | 3,372 | 219 | 2,647 | 150 | 27.4% | 3,441 | 193 | -2.0% |
| | Subbituminous | 29,152 | 153 | 29,305 | 166 | -0.5% | 29,267 | 149 | -0.4% |
| U.S. Total | Bituminous | 36,156 | 148 | 36,862 | 149 | -1.9% | 36,049 | 150 | 0.3% |
| | Subbituminous | 66,938 | 143 | 64,059 | 152 | 4.5% | 66,446 | 139 | 0.7% |

Source: U.S. Energy Information Administration

NOTE: Stockpile levels shown above reflect a sample of electric power sector plants, which were used to create the days of burn statistics. These levels will not equal total electric power sector stockpile levels.

Source: Energy Information Administration, Electric Monthly Update

Coal and Coke Monthly Indicator for Internal U.S. Waterways



For the Internal U.S. Waterway Monthly Indicators, estimates for the most recent month are based on lock performance management data. The estimates will be superseded by actual data as it becomes available.

Source: Waterborne Commerce Statistics Center

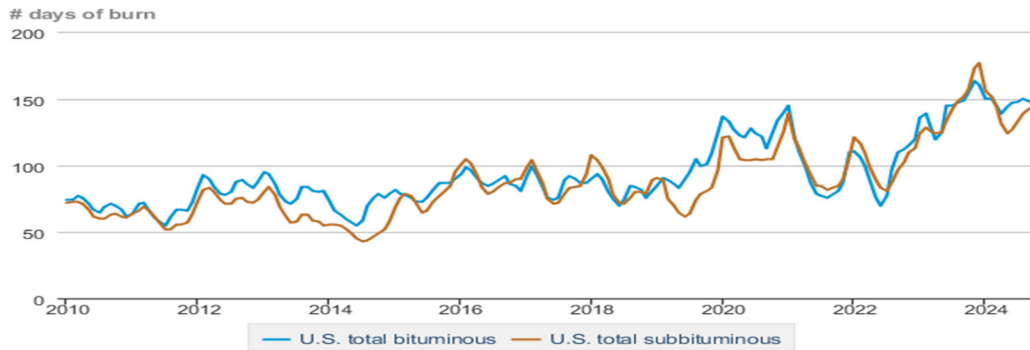
Average weekly coal commodity spot prices dollars per short ton

| | Week ending | | | | | Week ago change |
|--|-------------|----------|----------|----------|----------|--------------------|
| | 11/08/24 | 11/15/24 | 11/22/24 | 11/29/24 | 12/06/24 | |
| Central Appalachia 12,500 Btu, 1.2 SO ₂ | \$76.30 | \$78.65 | \$78.65 | \$78.65 | \$76.25 | -\$2.40 |
| Northern Appalachia 13,000 Btu, < 3.0 SO ₂ | \$47.00 | \$48.50 | \$48.50 | \$48.50 | \$50.00 | \$1.50 |
| Illinois Basin 11,800 Btu, 5.0 SO ₂ | \$41.50 | \$41.50 | \$41.50 | \$41.50 | \$45.00 | \$3.50 |
| Powder River Basin 8,800 Btu, 0.8 SO ₂ | \$14.10 | \$14.05 | \$14.05 | \$14.05 | \$14.20 | \$0.15 |

Data source: With permission. S&P Global

Source: Energy Information Administration (with permission from S&P Global), *Coal Market Report*

Days of burn by non-lignite coal rank, January 2010 - September 2024



eia Data source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update Report*

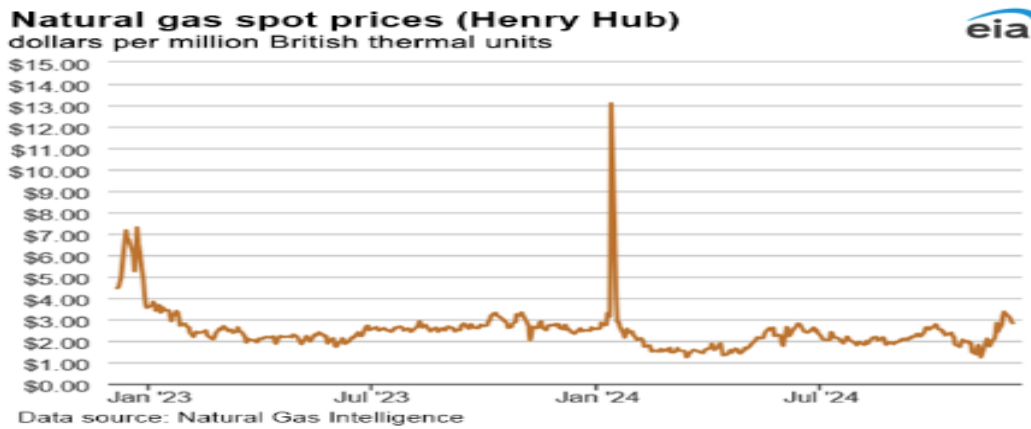
| Region | Temperature – heating & cooling degree days (week ending Nov 28) | | | | | |
|-----------------|--|-----------------------|--------------------------|---------------|-----------------------|--------------------------|
| | HDDs | | | CDDs | | |
| | Current total | Deviation from normal | Deviation from last year | Current total | Deviation from normal | Deviation from last year |
| New England | 171 | -15 | -31 | 0 | 0 | 0 |
| Middle Atlantic | 168 | -10 | -28 | 0 | 0 | 0 |
| E N Central | 188 | -15 | -56 | 0 | 0 | 0 |
| W N Central | 221 | -7 | -41 | 0 | 0 | 0 |
| South Atlantic | 114 | -8 | -39 | 6 | -4 | 1 |
| E S Central | 122 | -3 | -37 | 0 | -1 | 0 |
| W S Central | 72 | -18 | -48 | 4 | 0 | 4 |
| Mountain | 178 | -19 | -40 | 0 | 0 | 0 |
| Pacific | 101 | 0 | -5 | 0 | -1 | 0 |
| United States | 150 | -10 | -36 | 2 | 0 | 1 |

Data source: National Oceanic and Atmospheric Administration
Note: HDDs=heating degree days; CDDs=cooling degree days

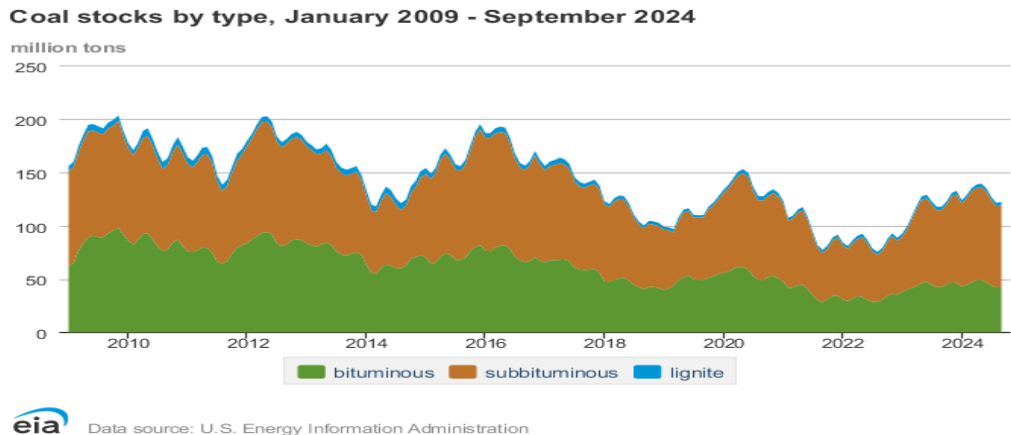
Source: Energy Information Administration, *Natural Gas Weekly Update*.

| U.S. Production of Selected Mineral Commodities | 2024 Year to Date - 2nd Quarter | 2023 Year to Date - 2nd Quarter | Percent Change |
|---|---------------------------------|---------------------------------|----------------|
| Aluminum, secondary (000 Mt.) | 450.0 | 453.0 | -1% |
| Cement (Mil. Mt.) | 39.7 | 42.6 | -7% |
| Copper (000 Mt.) | 528.0 | 543.0 | -3% |
| Gold (Mt.) | 75.5 | 80.2 | -6% |
| Gypsum (Mil. Mt.) | 9.6 | 9.4 | 2% |
| Iron Ore (Mil. Mt.) | 22.1 | 20.8 | 6% |
| Lead (000 Mt.) | 146.0 | 140.0 | 4% |
| Molybdenum (000 Mt.) | 17.9 | 16.5 | 8% |
| Palladium (Mt.) | 5.9 | 4.9 | 20% |
| Phosphate rock (Mil. Mt.) | 10.0 | 9.6 | 4% |
| Platinum (Mt.) | 1.7 | 1.5 | 13% |
| Sand & gravel, construction (Mil. Mt.) | 406.0 | 431.0 | -6% |
| Silver (Mt.) | 539.0 | 533.0 | 1% |
| Soda ash (Mil. Mt.) | 5.8 | 5.4 | 7% |
| Stone, crushed (Mil. Mt.) | 698.0 | 733.0 | -5% |
| Zinc (000 Mt.) | 376.0 | 367.0 | 2% |

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2024 data are preliminary estimates. W - withheld, N/A - not available



Source: Energy Information Administration, *Natural Gas Weekly*.



Source: Energy Information Administration, *Electricity Monthly Update*

Mining-Related Commodity Prices

| Commodity Price - Snapshot | | |
|---|----------|------------|
| Metals Prices | Date | Price |
| Cobalt Spot Price (\$/lb) | 12/9/24 | \$11.02 |
| Copper Spot Price (\$/lb) | 12/10/24 | \$4.22 |
| Gold Spot Price (\$/ounce) | 12/10/24 | \$2,692.42 |
| Lead Spot Price (\$/lb) | 12/10/24 | \$0.93 |
| Lithium Spot Price (\$/kg) | 12/10/24 | \$10.56 |
| Molybdenum Spot Price (\$/kg) | 12/10/24 | \$64.79 |
| Nickel Spot Price (\$/lb) | 12/10/24 | \$7.16 |
| Silver Spot Price (\$/ounce) | 12/10/24 | \$32.02 |
| Steel HRC Price (\$/mt) | 12/10/24 | \$674.24 |
| Steel Rebar Price (\$/mt) | 12/10/24 | \$457.67 |
| Zinc Spot Price (\$/lb) | 12/10/24 | \$1.42 |
| Energy Prices | Date | Price |
| Coal Price - Australian Premium Coking Coal Futures (\$/mt) | 12/10/24 | \$216.00 |
| Coal Spot Price - Central Appalachian (\$/st) | 12/6/24 | \$76.25 |
| Coal Spot Price - Newcastle futures (\$/mt) | 12/10/24 | \$133.23 |
| Coal Spot Price - Rotterdam futures (\$/mt) | 12/10/24 | \$113.75 |
| Natural Gas Spot Price - Henry Hub (\$/mmbtu) | 12/4/24 | \$2.83 |
| Uranium Spot Price (\$/lb) | 12/9/24 | \$76.90 |

Sources: publically available data from eia.gov, dailymetalprice.com, tradingeconomics.com, sgxgroup.com, investing.com

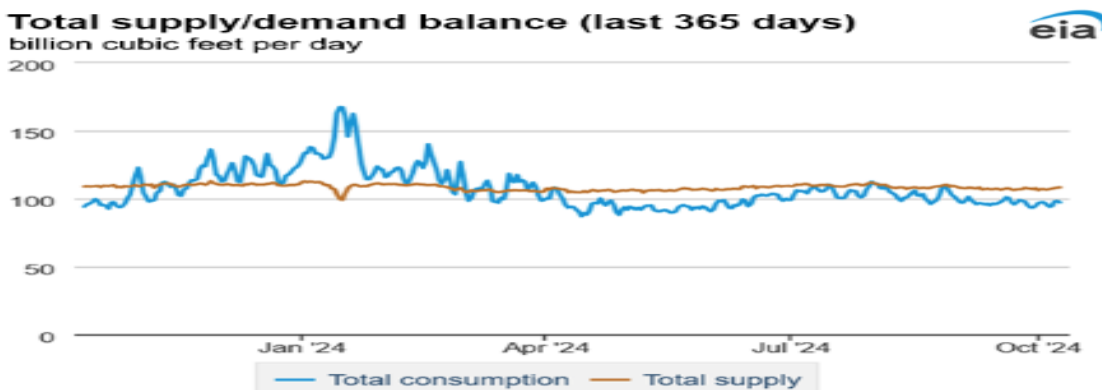
EIA Working Natural Gas Underground Storage

Working gas in underground storage

| Region | Stocks billion cubic feet (Bcf) | | |
|---------------|------------------------------------|------------|--------|
| | 2024-11-29 | 2024-11-22 | change |
| East | 914 | 929 | -15 |
| Midwest | 1,115 | 1,134 | -19 |
| Mountain | 289 | 292 | -3 |
| Pacific | 310 | 310 | 0 |
| South Central | 1,310 | 1,301 | 9 |
| Total | 3,937 | 3,967 | -30 |

Data source: U.S. Energy Information Administration Form EIA-912, *Weekly Underground Natural Gas Storage Report*
 Note: Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, *Natural Gas Weekly Update*



Data source: S&P Global Commodity Insights

Source: Energy Information Administration, *Natural Gas Weekly Update*

USGS Cobalt – U.S. Trade, Reported Stocks and Listed Prices

| Cobalt -September 2024 | Sep-24 | Year to Date |
|--|--------|--------------|
| U.S. Imports for Consumption - Metals (mt) | 540 | 6,410 |
| U.S. Exports of Cobalt Materials - Cobalt Content (mt) | 441 | 3,470 |
| Reported LME Stocks of Cobalt Metal (mt) | 115 | - |
| Listed Prices by Type (\$/lb): US Spot & LME Cash Avg. | 15.47 | 10.81 |

Source: USGS, Mineral Industry Survey, Cobalt in September 2024, December 2024

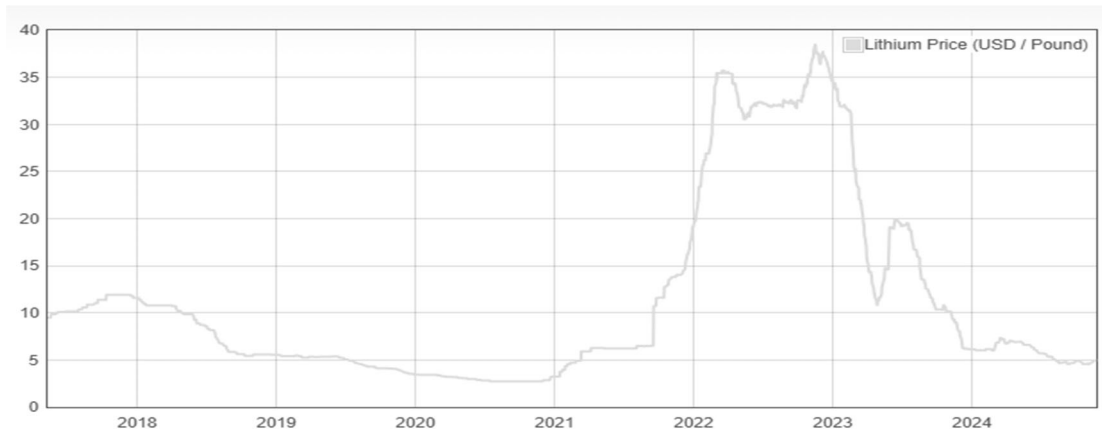
Cobalt and Lithium Prices

Cobalt Prices (US\$/pound):



Source: Dailymetalprice.com - <https://www.dailymetalprice.com/metalpricecharts.php?c=co&u=lb&d=0>

Lithium Prices (US\$/pound):



Source: Dailymetalprice.com - <https://www.dailymetalprice.com/metalpricecharts.php>