
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

July 24, 2020 Edition
(Data for Week Ending July 18, 2020)

Prepared by
National Mining Association



101 Constitution Avenue, NW, Suite 500 East
Washington, DC, 20001
Phone (202) 463-2600
<http://www.nma.org>



Weekly Electric Output

Volume 88 No. 30

OUTPUT FOR WEEK ENDED - Jul 25, 2020

Jul 29, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jul 25, 2020** was **92,928** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **182** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

| | Week Ended July 25 | | 52 Weeks Ended July 25 | |
|---------------------|--------------------|--|------------------------|--|
| | GWh Output | % Increase Over Corresponding Week of 2019 | GWh Output | % Increase Over Corresponding Period of 2019 |
| New England | 2,931 | 9.6 | 114,404 | -4.7 |
| Mid-Atlantic | 10,796 | 7.6 | 414,618 | -4.9 |
| Central Industrial | 14,846 | 6.8 | 640,641 | -4.5 |
| West Central | 7,562 | 3.6 | 323,714 | -2.5 |
| Southeast | 23,545 | 8.0 | 995,852 | -4.0 |
| South Central | 18,006 | 5.6 | 768,102 | 2.1 |
| Rocky Mountain | 6,705 | -4.7 | 286,234 | 2.1 |
| Pacific Northwest | 2,898 | 0.9 | 155,332 | -0.9 |
| Pacific Southwest | 5,639 | -14.8 | 264,833 | -1.8 |
| Total United States | 92,928 | 4.1 | 3,963,730 | -2.3 |

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

| Week Ended | 2020 | Week Ended | 2019 | % Inc. (20/19) | 52 Weeks Ended | 2020 | % Inc. (20/19) |
|---------------|------------------|---------------|------------------|----------------|-------------------------------------|-----------|----------------|
| Jul 04 | 87,540 | Jul 06 | 88,671 | -1.3 | Jul 04 | 3,961,432 | -2.4 |
| Jul 11 | 91,869 | Jul 13 | 89,586 | 2.5 | Jul 11 | 3,963,714 | -2.3 |
| Jul 18 | 91,822 | Jul 20 | 95,459 | -3.8 | Jul 18 | 3,960,078 | -2.4 |
| Jul 25 | 92,928 | Jul 27 | 89,276 | 4.1 | Jul 25 | 3,963,730 | -2.3 |
| Jul 25 | 2,238,899 | Jul 27 | 2,318,038 | -3.4 | YEAR TO DATE, FIRST 30 WEEKS | | |

WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.*

SEASONALLY ADJUSTED 1982 = 100

| Week Ended | 2020 | Week Ended | 2019 | Week Ended | 2018 |
|------------|------|------------|------|------------|------|
| Jul 04 | 182 | Jul 06 | 195 | Jul 07 | 200 |
| Jul 11 | 186 | Jul 13 | 192 | Jul 14 | 191 |
| Jul 18 | 178 | Jul 20 | 187 | Jul 21 | 179 |
| Jul 25 | 182 | Jul 27 | 176 | Jul 28 | 177 |

* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

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EEl WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

| | Week Ended | | | NMA CUMULATIVE JANUARY WEEK ONE TO | | | 52 Weeks Ended | | |
|--|---------------------------------|---------------------------------|--|------------------------------------|---------------------------------|--|---------------------------------|---------------------------------|--|
| | 25-Jul 2020 GWh Output | 27-Jul 2019 GWh Output | % Increase Over Corresponding Week | 25-Jul 2020 GWh Output | 27-Jul 2019 GWh Output | % Increase Over Corresponding Week | 25-Jul 2020 GWh Output | 27-Jul 2019 GWh Output | % Increase Over Corresponding Week |
| New England | 2,931 | 2,675 | 9.6% | 64,835 | 67,566 | -4.0% | 114,404 | 120,032 | -4.7% |
| Mid-Atlantic | 10,796 | 10,033 | 7.6% | 233,755 | 247,654 | -5.6% | 414,618 | 435,753 | -4.9% |
| Central Industrial | 14,846 | 13,896 | 6.8% | 367,567 | 387,401 | -5.1% | 640,641 | 671,104 | -4.5% |
| West Central | 7,562 | 7,296 | 3.6% | 184,223 | 190,380 | -3.2% | 323,714 | 331,947 | -2.5% |
| Southeast | 23,545 | 21,804 | 8.0% | 562,715 | 594,305 | -5.3% | 995,852 | 1,037,785 | -4.0% |
| South Central | 18,006 | 17,045 | 5.6% | 430,252 | 432,035 | -0.4% | 768,102 | 752,352 | 2.1% |
| Rocky Mountain | 6,705 | 7,035 | -4.7% | 158,798 | 156,454 | 1.5% | 286,234 | 280,307 | 2.1% |
| Pacific Northwest | 2,898 | 2,871 | 0.9% | 90,735 | 92,904 | -2.3% | 155,332 | 156,781 | -0.9% |
| Pacific Southwest | <u>5,639</u> | <u>6,621</u> | -14.8% | <u>146,020</u> | <u>149,340</u> | <u>-2.2%</u> | <u>264,833</u> | <u>269,655</u> | -1.8% |
| Total United States ^{1/} | <u>92,928</u> | <u>89,276</u> | 4.1% | <u>2,238,900</u> | <u>2,318,039</u> | <u>-3.4%</u> | <u>3,963,730</u> | <u>4,055,716</u> | -2.3% |
| Coal Regions Only ^{2/} | 81,460 | 77,109 | 5.6% | 1,937,310 | 2,008,229 | -3.5% | 3,429,161 | 3,509,248 | -2.3% |

Notes: EEl 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. EEl 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 (EEl), *Weekly Electric Output Report*.

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

July 27, 2020

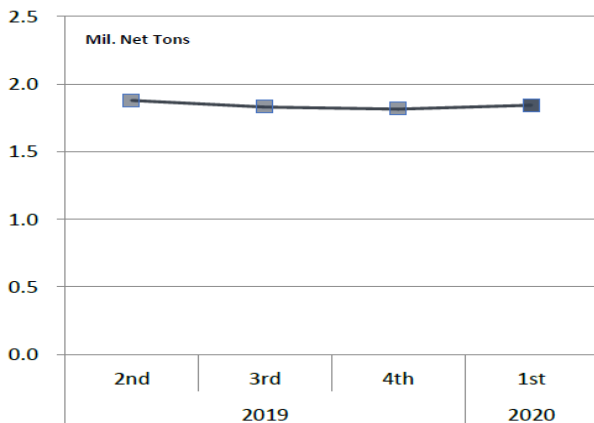
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

| <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>Jul 25</u> | <u>Jul 18</u> | |
| <u>Week Ending</u> | | | | North East | 133 | 143 |
| | | | | Great Lakes | 471 | 450 |
| July 25, 2020 | 1,320 | 1.1 | 58.9 | Midwest | 129 | 135 |
| July 25, 2019 | 1,847 | -28.5 | 79.4 | Southern | 524 | 521 |
| July 18, 2020 | 1,306 | 1.3 | 58.3 | Western | <u>63</u> | <u>57</u> |
| | | | | Total | 1,320 | 1,306 |
| <u>Year-to-Date +</u> | | | | | | |
| July 25, 2020 | 44,553 | -20.0 | 66.1 | | | |
| July 25, 2019 | 55,707 | - | 80.9 | | | |

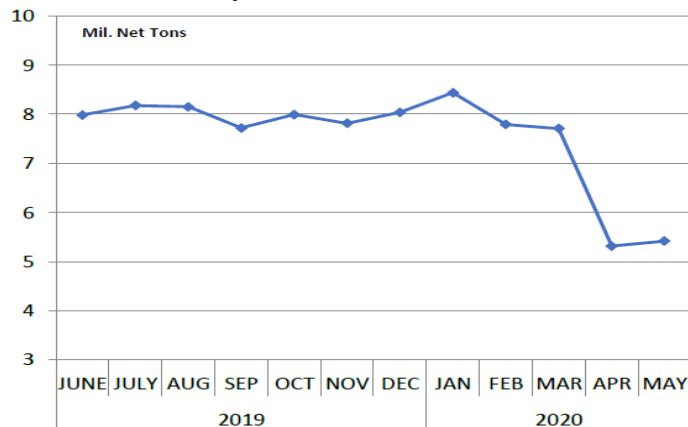
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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.

NOTE: Capacity for the third quarter 2020 is approximately 29.4 million net tons vs. 30.6 million net tons for the same period last year, and 29.1 million tons for the second quarter of 2020.

Average Weekly Raw Steel Production



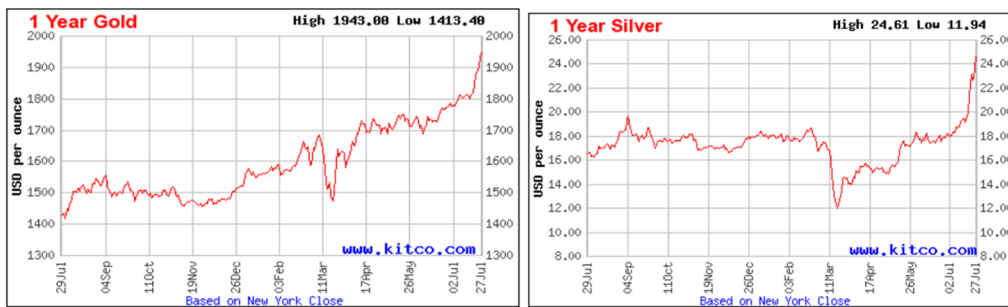
Monthly Raw Steel Production



*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.



Source: Kitco website - www.kitco.com/connecting.html



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U.S. Rail Traffic¹ Week 30, 2020 – Ended July 25, 2020

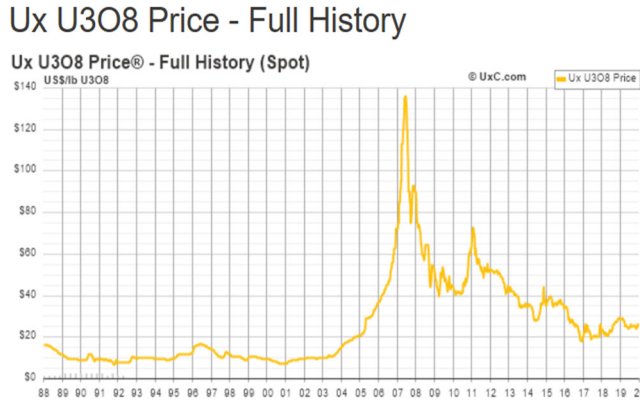
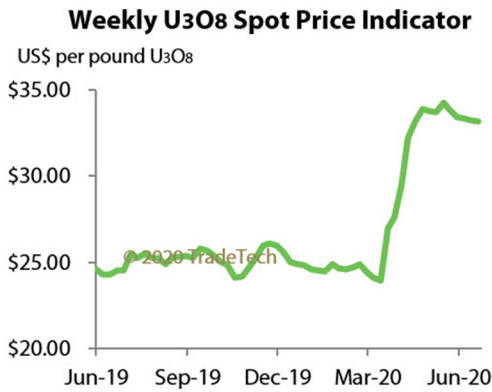
| | This Week | | Year-To-Date | | |
|-------------------------------------|----------------|---------------|-------------------|---------------------|---------------|
| | Cars | vs 2019 | Cumulative | Avg/wk ² | vs 2019 |
| Total Carloads | 215,171 | -17.8% | 6,332,339 | 211,078 | -16.1% |
| Chemicals | 30,051 | -4.2% | 918,289 | 30,610 | -5.0% |
| Coal | 57,769 | -28.9% | 1,687,810 | 56,260 | -27.5% |
| Farm Products excl. Grain, and Food | 16,406 | 1.3% | 455,859 | 15,195 | -2.4% |
| Forest Products | 9,082 | -4.3% | 276,763 | 9,225 | -6.7% |
| Grain | 20,509 | -8.2% | 620,808 | 20,694 | -6.5% |
| Metallic Ores and Metals | 15,464 | -36.0% | 530,318 | 17,677 | -19.7% |
| Motor Vehicles and Parts | 15,161 | -2.3% | 325,795 | 10,860 | -32.4% |
| Nonmetallic Minerals | 30,946 | -19.2% | 894,995 | 29,833 | -12.2% |
| Petroleum and Petroleum Products | 10,843 | -14.2% | 337,305 | 11,244 | -12.0% |
| Other | 8,940 | -13.9% | 284,397 | 9,480 | 0.3% |
| Total Intermodal Units | 266,160 | -2.4% | 7,217,246 | 240,575 | -9.4% |
| Total Traffic | 481,331 | -9.9% | 13,549,585 | 451,653 | -12.7% |

¹ Excludes U.S. operations of Canadian Pacific, CN and GMXT.

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

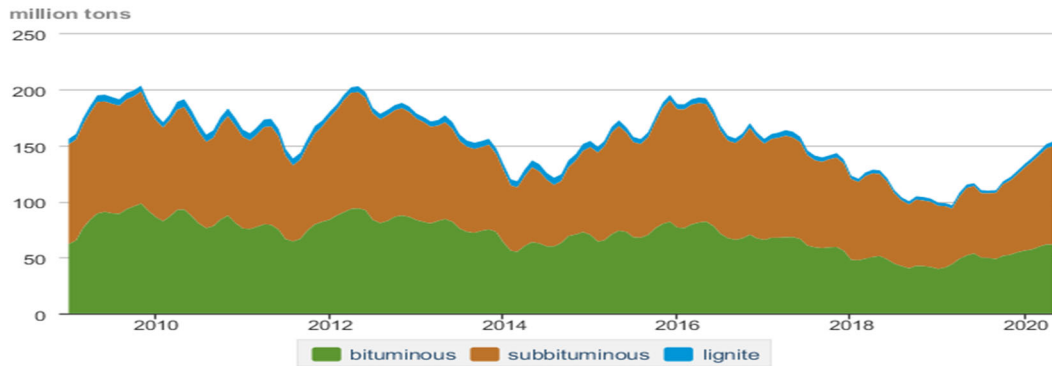
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

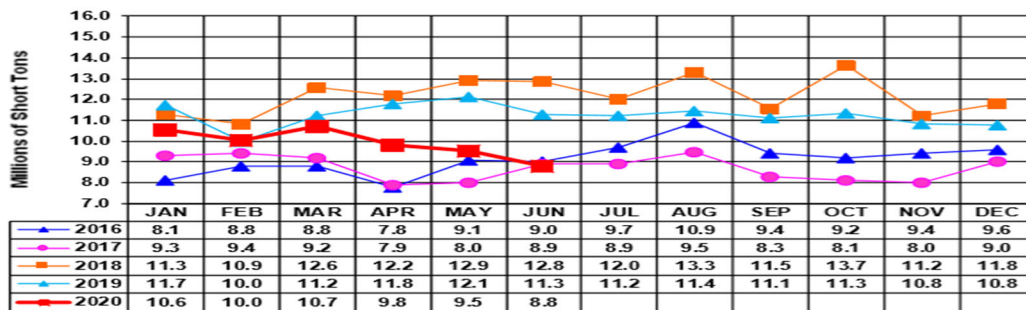
Coal stocks by type, January 2009 - May 2020



Source: U.S. Energy Information Administration

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.

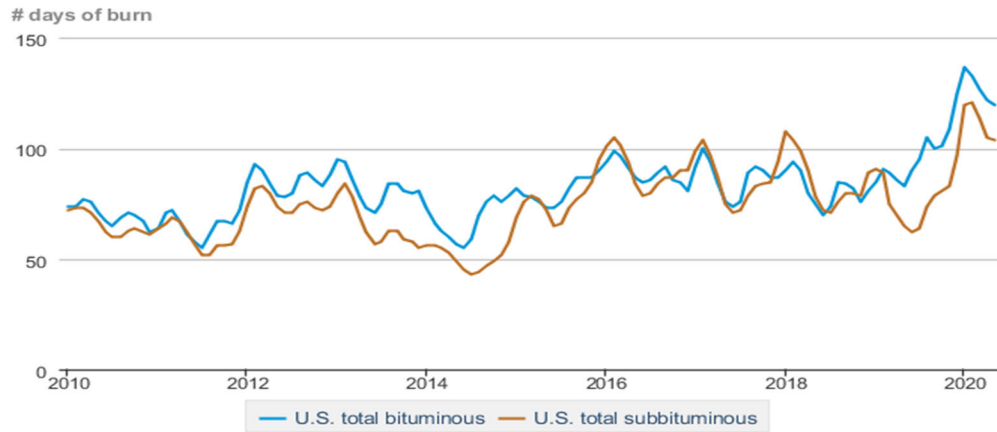
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

| | Week ending | | | | | Week ago |
|--|-------------|----------|----------|----------|----------|----------|
| | 06/26/20 | 07/03/20 | 07/10/20 | 07/17/20 | 07/24/20 | change |
| Central Appalachia 12,500 Btu, 1.2 SO ₂ | \$55.00 | \$55.00 | \$50.75 | \$50.75 | \$50.75 | \$0.00 |
| Northern Appalachia 13,000 Btu, < 3.0 SO ₂ | \$43.50 | \$43.50 | \$42.45 | \$42.45 | \$42.45 | \$0.00 |
| Illinois Basin 11,800 Btu, 5.0 SO ₂ | \$34.00 | \$34.00 | \$34.05 | \$34.05 | \$34.05 | \$0.00 |
| Powder River Basin 8,800 Btu, 0.8 SO ₂ | \$11.95 | \$11.95 | \$12.00 | \$12.00 | \$12.00 | \$0.00 |
| Uinta Basin 11,700 Btu, 0.8 SO ₂ | \$28.90 | \$28.90 | \$29.10 | \$29.10 | \$29.10 | \$0.00 |

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

Days of burn by non-lignite coal rank, January 2010 - May 2020



 Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jul 16)

| Region | HDD Current | HDD deviation from: | | CDD Current | CDD deviation from: | |
|-----------------|-------------|---------------------|-----------|-------------|---------------------|-----------|
| | | normal | last year | | normal | last year |
| New England | 0 | 0 | 0 | 61 | 20 | -4 |
| Middle Atlantic | 0 | -1 | 0 | 71 | 15 | -5 |
| E N Central | 0 | 0 | 0 | 62 | 6 | -16 |
| W N Central | 1 | -2 | 1 | 68 | -2 | -12 |
| South Atlantic | 0 | 0 | 0 | 110 | 13 | -8 |
| E S Central | 0 | 0 | 0 | 101 | 7 | -1 |
| W S Central | 0 | 0 | 0 | 150 | 27 | 24 |
| Mountain | 1 | -4 | 1 | 98 | 20 | -4 |
| Pacific | 2 | -2 | 1 | 56 | 14 | -3 |
| United States | 1 | -1 | 0 | 86 | 13 | -4 |

Note: HDD = heating degree day; CDD = cooling degree day
Source: National Oceanic and Atmospheric Administration

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

| USGS Production of Selected Mineral Commodities | 2020 Year to Date - 1st Quarter | 2019 Year to Date - 1st Quarter | Percent Change |
|---|---------------------------------|---------------------------------|----------------|
| Aluminum, secondary (000 Mt.) | 212.0 | 209.0 | 1% |
| Cement (Mil. Mt.) | 18.0 | 17.0 | 6% |
| Copper (000 Mt.) | 232.0 | 303.0 | -23% |
| Gold (Mt.) | 50.4 | 50.2 | 0% |
| Gypsum (Mil. Mt.) | 4.4 | 4.2 | 5% |
| Iron Ore (Mil. Mt.) | 11.8 | 10.8 | 9% |
| Lead (000 Mt.) | 68.8 | 60.7 | 13% |
| Molybdenum (000 Mt.) | 13.3 | 10.3 | 29% |
| Phosphate rock (Mil. Mt.) | 5.7 | 5.4 | 6% |
| Sand & gravel, construction (Mil. Mt.) | 173.0 | 163.0 | 6% |
| Silver (Mt.) | 240.0 | 227.0 | 6% |
| Soda ash (Mil. Mt.) | 2.9 | 2.9 | 0% |
| Stone, crushed (Mil. Mt.) | 291.0 | 286.0 | 2% |
| Zinc (000 Mt.) | 175.0 | 152.0 | 15% |

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2020 data are preliminary estimates. W - withheld, N/A - not available

Natural gas spot prices (Henry Hub)

dollars per million British thermal units



 Source: Natural Gas Intelligence

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

EIA Coal Stocks and Average Number of Days of Burn (Power Sector)

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

| Zone | Coal | May 2020 | | May 2019 | | % Change of Stocks | April 2020 | | % Change of Stocks |
|------------|---------------|--------------------|--------------|--------------------|--------------|--------------------|--------------------|--------------|--------------------|
| | | Stocks (1000 tons) | Days of Burn | Stocks (1000 tons) | Days of Burn | | Stocks (1000 tons) | Days of Burn | |
| Northeast | Bituminous | 3,895 | 282 | 3,956 | 194 | -1.5% | 4,187 | 305 | -7.0% |
| | Subbituminous | 162 | 253 | 163 | 250 | -1.1% | 162 | 280 | 0.0% |
| South | Bituminous | 25,808 | 110 | 22,780 | 82 | 13.3% | 26,021 | 113 | -0.8% |
| | Subbituminous | 8,398 | 88 | 5,071 | 50 | 65.6% | 7,165 | 82 | 17.2% |
| Midwest | Bituminous | 14,036 | 112 | 10,114 | 73 | 38.8% | 13,685 | 114 | 2.6% |
| | Subbituminous | 31,397 | 122 | 22,352 | 74 | 40.5% | 29,397 | 119 | 6.8% |
| West | Bituminous | 3,950 | 165 | 3,971 | 79 | -0.5% | 3,727 | 162 | 6.0% |
| | Subbituminous | 29,864 | 94 | 20,685 | 61 | 44.4% | 28,987 | 100 | 3.0% |
| U.S. Total | Bituminous | 47,689 | 120 | 40,821 | 83 | 16.8% | 47,620 | 122 | 0.1% |
| | Subbituminous | 69,821 | 104 | 48,271 | 65 | 44.6% | 65,711 | 105 | 6.3% |

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

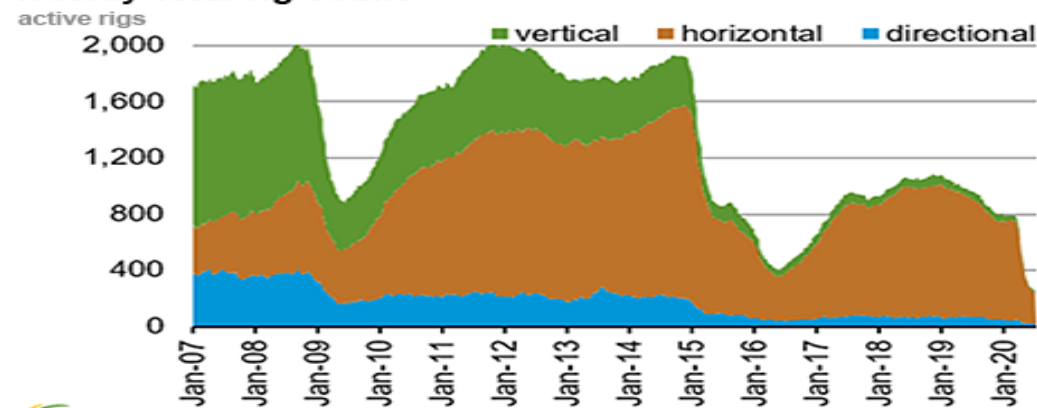
| Region | Stocks billion cubic feet (Bcf) | | |
|---------------|------------------------------------|--------------|-----------|
| | 2020-07-17 | 2020-07-10 | change |
| East | 693 | 672 | 21 |
| Midwest | 799 | 780 | 19 |
| Mountain | 190 | 186 | 4 |
| Pacific | 311 | 312 | -1 |
| South Central | 1,221 | 1,228 | -7 |
| Total | 3,215 | 3,178 | 37 |

Source: Form EIA-912, *Weekly Underground Natural Gas Storage Report*

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

EIA Natural Gas Rig Count

Weekly total rig count



Source: Baker Hughes Co.

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

EIA Oil and Natural Gas Rig Productivity

| Region | New-well oil production per rig barrels/day | | | New-well gas production per rig thousand cubic feet/day | | |
|----------------------|--|-------------|--------|--|-------------|--------|
| | July 2020 | August 2020 | change | July 2020 | August 2020 | change |
| Anadarko | 1,001 | 1,401 | 400 | 5,700 | 7,694 | 1,994 |
| Appalachia | 151 | 154 | 3 | 20,323 | 20,750 | 427 |
| Bakken | 1,385 | 2,147 | 762 | 2,304 | 3,570 | 1,266 |
| Eagle Ford | 1,789 | 2,416 | 627 | 6,184 | 8,348 | 2,164 |
| Haynesville | 23 | 23 | - | 10,792 | 10,803 | 11 |
| Niobrara | 1,460 | 1,971 | 511 | 4,817 | 5,685 | 868 |
| Permian | 824 | 964 | 140 | 1,624 | 1,867 | 243 |
| Rig-weighted average | 805 | 904 | 99 | 5,474 | 6,659 | 1,185 |

Source: Energy Information Administration, *Drilling Productivity Report*