

# National Mining Association

## Weekly Statistical Summary

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January 18, 2019 Edition  
(Data for Week Ending January 12, 2019)

Prepared by  
National Mining Association



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# NMA Weekly Statistical Summary

Vol. 57, No. 2  
Dated 01/18/19

## PRODUCTION, CONSUMPTION & TRADE

|  | Week Ended                 |                 |                        | * Cumulative Jan 1 to             |                          |                        |
|--|----------------------------|-----------------|------------------------|-----------------------------------|--------------------------|------------------------|
|  | 01/12/19                   | 01/13/18        | % Chng                 | 01/12/19                          | 01/13/18                 | % Chng                 |
| <b>EIA Coal Production (000 Tons):</b>     |                            |                 |                        |                                   |                          |                        |
| Week Ended/Year to Date                    | 15,062                     | 13,219          | 13.9%                  | 23,749                            | 21,890                   | 8.5%                   |
| 52 Weeks Ended                             | 753,846                    | 769,187         | -2.0%                  |                                   |                          |                        |
| AAR Coal Rail Cars Loaded:                 | 87,228                     | 76,001          | 14.8%                  | 138,381                           | 127,470                  | 8.6%                   |
| Coal Production<br>Month Ended - Dec.      | <b>Dec 18/17</b><br>63,000 |                 | <b>% Chng</b><br>-0.3% | <b>Jan - Dec 18/17</b><br>753,706 | <b>% Chng</b><br>774,609 | <b>% Chng</b><br>-2.7% |
| <b>DOC Coal Trade (000 Tons)</b>           |                            |                 |                        |                                   |                          |                        |
| <b>Exports:</b>                            | <b>Oct 18/17</b>           |                 |                        | <b>Jan - Oct 18/17</b>            |                          |                        |
|  |                            |                 | <b>% Chng</b>          |                                   |                          | <b>% Chng</b>          |
| Metallurgical                              | 5,836                      | 4,661           | 25.2%                  | 52,176                            | 45,127                   | 15.6%                  |
| Steam *                                    | 4,816                      | 4,490           | 7.3%                   | 45,444                            | 32,518                   | 39.8%                  |
| Lignite                                    | 6                          | 6               | 0.0%                   | 71                                | 65                       | 9.2%                   |
| Anthracite                                 | 28                         | 6               | 366.7%                 | 195                               | 242                      | -19.4%                 |
| <b>Total</b>                               | <b>10,686</b>              | <b>9,163</b>    | <b>16.6%</b>           | <b>97,886</b>                     | <b>77,952</b>            | <b>25.6%</b>           |
| <b>Imports:</b>                            | 304                        | 582             | -47.8%                 | 4,656                             | 7,002                    | -33.5%                 |
|  | <b>Week Ended</b>          |                 |                        | <b>Cumulative Week 1 to</b>       |                          |                        |
|  | <b>01/12/19</b>            | <b>01/13/18</b> | <b>% Chng</b>          | <b>01/12/19</b>                   | <b>01/13/18</b>          | <b>% Chng</b>          |
| <b>EI Electric Total Output (Mil. Kwh)</b> | 77,040                     | 81,383          | -5.3%                  | 151,113                           | 174,714                  | -13.5%                 |
| <b>EI Coal Region Output (Mil. Kwh)</b>    | 66,305                     | 70,394          | -5.8%                  | 129,664                           | 152,240                  | -14.8%                 |
| <b>AISI Raw Steel Output (000 Tons)</b>    | 1,891                      | 1,715           | 10.3%                  | 3,231                             | 2,940                    | 9.9%                   |

## EIA (SNL ENERGY) AVERAGE COAL & NATURAL GAS SPOT PRICES Dollars Per Short Ton

| Average Coal Spot Prices<br>(\$/Short Ton)        | Week Ending |          |        | Natural Gas Spot Prices (\$/MMBtu) |          |
|---|-------------|----------|--------|------------------------------------|----------|
|   | 01/11/19    | 01/04/19 | % Chng | Wed.                               | 01/09/19 |
| Central App, 12,500 Btu, 1.2 SO <sub>2</sub>      | \$83.90     | \$83.90  | 0.0%   | Henry Hub                          | 2.91     |
| Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>   | 65.70       | 65.70    | 0.0%   | New York                           | 5.25     |
| Illinois Basin, 11,800, 5.0 SO <sub>2</sub>       | 38.95       | 38.95    | 0.0%   | Chicago                            | 2.70     |
| Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub> | 11.90       | 11.90    | 0.0%   | Cal.Comp.Avg.                      | 3.16     |
| Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>      | 40.25       | 40.25    | 0.0%   |                                    |          |

Coal exports and Imports are "as reported" (not revised); \*Steam 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; SNL Energy; NGI's Daily Gas Price Index



| <b>EIA Estimated Weekly U.S. Coal Production Overview</b>                |                                     |                                    |                                     |                     |                  |                 |                       |                  |                 |
|--|-------------------------------------|------------------------------------|-------------------------------------|---------------------|------------------|-----------------|-----------------------|------------------|-----------------|
|  | <b>Week Ended</b>                   |                                    |                                     | <b>Year to Date</b> |                  |                 | <b>52 Weeks Ended</b> |                  |                 |
| <b>Coal-Producing Region &amp; State</b><br><b>(thousand short tons)</b> | <b>1/12/2019</b><br><b>(week 2)</b> | <b>1/5/2019</b><br><b>(week 1)</b> | <b>1/13/2018</b><br><b>(week 2)</b> | <b>1/12/2019</b>    | <b>1/12/2018</b> | <b>% Change</b> | <b>1/12/2019</b>      | <b>1/13/2018</b> | <b>% Change</b> |
| Alabama  | 326                                 | 251                                | 275                                 | 514                 | 455              | 13.0            | 14,707                | 12,857           | 14.4            |
| Alaska   | 18                                  | 14                                 | 17                                  | 27                  | 27               | -0.7            | 883                   | 951              | -7.2            |
| Arizona  | 141                                 | 114                                | 108                                 | 226                 | 178              | 26.7            | 6,763                 | 6,168            | 9.6             |
| Arkansas   | .                                   | .                                  | .                                   | .                   | .                | .               | .                     | 39               | .               |
| Colorado   | 272                                 | 221                                | 231                                 | 436                 | 382              | 14.0            | 13,962                | 14,901           | -6.3            |
| Illinois   | 1,018                               | 782                                | 889                                 | 1,596               | 1,473            | 8.4             | 49,002                | 48,029           | 2.0             |
| Indiana  | 727                                 | 574                                | 597                                 | 1,151               | 988              | 16.5            | 34,146                | 31,303           | 9.1             |
| <b>Kentucky Total</b>  | <b>799</b>                          | <b>625</b>                         | <b>721</b>                          | <b>1,255</b>        | <b>1,193</b>     | <b>5.1</b>      | <b>39,416</b>         | <b>41,407</b>    | <b>-4.8</b>     |
| Eastern (KY)   | 358                                 | 281                                | 315                                 | 562                 | 522              | 7.7             | 17,480                | 18,073           | -3.3            |
| Western (KY)   | 441                                 | 345                                | 406                                 | 693                 | 672              | 3.2             | 21,936                | 23,335           | -6.0            |
| Louisiana  | 21                                  | 20                                 | 16                                  | 36                  | 27               | 34.0            | 1,476                 | 1,967            | -25.0           |
| Maryland   | 24                                  | 18                                 | 27                                  | 36                  | 44               | -18.1           | 1,253                 | 1,786            | -29.8           |
| Mississippi  | 58                                  | 47                                 | 45                                  | 94                  | 75               | 25.5            | 2,818                 | 2,575            | 9.4             |
| Missouri   | 5                                   | 4                                  | 5                                   | 9                   | 7                | 14.1            | 258                   | 244              | 5.7             |
| Montana  | 797                                 | 632                                | 638                                 | 1,255               | 1,057            | 18.7            | 38,435                | 35,305           | 8.9             |
| New Mexico   | 131                                 | 113                                | 143                                 | 208                 | 236              | -11.8           | 8,820                 | 13,551           | -34.9           |
| North Dakota   | 618                                 | 491                                | 531                                 | 975                 | 879              | 10.9            | 30,091                | 28,670           | 5.0             |
| Ohio   | 180                                 | 132                                | 173                                 | 272                 | 286              | -4.8            | 8,804                 | 9,464            | -7.0            |
| Oklahoma   | 16                                  | 14                                 | 9                                   | 27                  | 15               | 77.5            | 792                   | 560              | 41.4            |
| <b>Pennsylvania Total</b>  | <b>1,013</b>                        | <b>815</b>                         | <b>843</b>                          | <b>1,616</b>        | <b>1,396</b>     | <b>15.7</b>     | <b>49,268</b>         | <b>48,783</b>    | <b>1.0</b>      |
| Anthracite (PA)  | 38                                  | 28                                 | 30                                  | 59                  | 50               | 17.4            | 1,844                 | 1,891            | -2.5            |
| Bituminous (PA)  | 974                                 | 786                                | 813                                 | 1,558               | 1,347            | 15.7            | 47,424                | 46,892           | 1.1             |
| Tennessee  | 4                                   | 3                                  | 4                                   | 6                   | 7                | -14.9           | 200                   | 416              | -51.9           |
| Texas  | 451                                 | 373                                | 427                                 | 716                 | 707              | 1.2             | 26,752                | 35,854           | -25.4           |
| Utah   | 296                                 | 226                                | 256                                 | 456                 | 424              | 7.5             | 14,045                | 14,264           | -1.5            |
| Virginia   | 256                                 | 199                                | 236                                 | 401                 | 391              | 2.4             | 12,779                | 13,574           | -5.9            |
| <b>West Virginia Total</b>   | <b>2,069</b>                        | <b>1,586</b>                       | <b>1,649</b>                        | <b>3,234</b>        | <b>2,731</b>     | <b>18.4</b>     | <b>97,101</b>         | <b>92,290</b>    | <b>5.2</b>      |
| Northern (WV)  | 931                                 | 744                                | 781                                 | 1,476               | 1,294            | 14.0            | 45,796                | 46,283           | -1.1            |
| Southern (WV)  | 1,138                               | 842                                | 868                                 | 1,758               | 1,437            | 22.4            | 51,305                | 46,007           | 11.5            |
| Wyoming  | 5,824                               | 4,689                              | 5,381                               | 9,204               | 8,911            | 3.3             | 302,073               | 314,229          | -3.9            |
| <b>Appalachian Total</b>   | <b>4,229</b>                        | <b>3,284</b>                       | <b>3,522</b>                        | <b>6,641</b>        | <b>5,832</b>     | <b>13.9</b>     | <b>201,593</b>        | <b>197,243</b>   | <b>2.2</b>      |
| <b>Interior Total</b>  | <b>2,738</b>                        | <b>2,159</b>                       | <b>2,394</b>                        | <b>4,321</b>        | <b>3,964</b>     | <b>9.0</b>      | <b>137,180</b>        | <b>143,905</b>   | <b>-4.7</b>     |
| <b>Western Total</b>   | <b>8,096</b>                        | <b>6,500</b>                       | <b>7,303</b>                        | <b>12,786</b>       | <b>12,094</b>    | <b>5.7</b>      | <b>415,072</b>        | <b>428,039</b>   | <b>-3.0</b>     |
| <b>East of Mississippi River</b>   | <b>6,473</b>                        | <b>5,033</b>                       | <b>5,458</b>                        | <b>10,175</b>       | <b>9,039</b>     | <b>12.6</b>     | <b>309,496</b>        | <b>302,484</b>   | <b>2.3</b>      |
| <b>West of Mississippi River</b>   | <b>8,589</b>                        | <b>6,910</b>                       | <b>7,761</b>                        | <b>13,574</b>       | <b>12,852</b>    | <b>5.6</b>      | <b>444,350</b>        | <b>466,703</b>   | <b>-4.8</b>     |
| Bituminous and Lignite   | 15,024                              | 11,915                             | 13,189                              | 23,690              | 21,840           | 8.5             | 752,001               | 767,297          | -2.0            |
| Anthracite   | 38                                  | 28                                 | 30                                  | 59                  | 50               | 17.4            | 1,844                 | 1,891            | -2.5            |
| <b>U.S. Total</b>  | <b>15,062</b>                       | <b>11,943</b>                      | <b>13,219</b>                       | <b>23,749</b>       | <b>21,890</b>    | <b>8.5</b>      | <b>753,846</b>        | <b>769,187</b>   | <b>-2.0</b>     |
| Railroad Cars Loaded   | 87,228                              | 70,807                             | 76,001                              | 138,381             | 127,470          | 8.6             | 4,417,573             | 4,407,148        | 0.2             |

Source: Energy Information Administration



# Weekly Electric Output

Volume 87 No. 2

## OUTPUT FOR WEEK ENDED - Jan 12, 2019

Jan 16, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Jan 12, 2019** was **77,040** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **177** on the weekly electric output index.

### WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

|                     | Week Ended January 12 |  | 52 Weeks Ended January 12 |  |
|---------------------|-----------------------|--|---------------------------|--|
|                     | GWh Output            | % Increase Over Corresponding Week of 2018 | GWh Output                | % Increase Over Corresponding Period of 2018 |
| New England         | 2,448                 | -5.5                                       | 121,440                   | 0.3  |
| Mid-Atlantic        | 8,655                 | -4.6                                       | 437,441                   | 2.4  |
| Central Industrial  | 13,377                | -5.4                                       | 680,552                   | 3.1  |
| West Central        | 6,285                 | -6.9                                       | 336,370                   | 2.9  |
| Southeast           | 20,385                | -5.1                                       | 1,041,084                 | 2.2  |
| South Central       | 12,314                | -9.9                                       | 759,243                   | 4.2  |
| Rocky Mountain      | 5,289                 | 0.1  | 281,645                   | 1.4  |
| Pacific Northwest   | 3,440                 | -0.5                                       | 155,793                   | -1.4   |
| Pacific Southwest   | 4,847                 | -1.9                                       | 276,555                   | -2.3   |
| Total United States | 77,040                | -5.3                                       | 4,090,123                 | 2.2  |

### WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

| Week Ended    | 2019           | Week Ended    | 2018           | % Inc. (19/18) | 52 Weeks Ended                     | 2019      | % Inc. (19/18) |
|---------------|----------------|---------------|----------------|----------------|------------------------------------|-----------|----------------|
| Dec 22        | 76,247         | Dec 23        | 76,393         | -0.2           | Dec 22                             | 4,122,609 | 3.6            |
| Dec 29        | 73,118         | Dec 30        | 82,002         | -10.8          | Dec 29                             | 4,113,724 | 3.1            |
| Jan 05        | 74,073         | Jan 06        | 93,331         | -20.6          | Jan 05                             | 4,094,465 | 2.3            |
| Jan 12        | 77,040         | Jan 13        | 81,383         | -5.3           | Jan 12                             | 4,090,123 | 2.2            |
| <b>Jan 12</b> | <b>151,113</b> | <b>Jan 13</b> | <b>174,714</b> | <b>-13.5</b>   | <b>YEAR TO DATE, FIRST 2 WEEKS</b> |           |                |

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

SEASONALLY ADJUSTED 1982 = 100

| Week Ended | 2019 | Week Ended | 2018 | Week Ended | 2017 |
|------------|------|------------|------|------------|------|
| Dec 22     | 172  | Dec 23     | 192  | Dec 24     | 203  |
| Dec 29     | 172  | Dec 30     | 218  | Dec 31     | 181  |
| Jan 05     | 176  | Jan 06     | 210  | Jan 07     | 188  |
| Jan 12     | 177  | Jan 13     | 175  | Jan 14     | 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                  |                                 |  |
|--|---------------------------------|---------------------------------|--|------------------------------------|---------------------------------|--|---------------------------------|---------------------------------|--|
|  | 12-Jan<br>2019<br>GWh<br>Output | 13-Jan<br>2018<br>GWh<br>Output | % Increase Over<br>Corresponding<br>Week of 2018 | 12-Jan<br>2019<br>GWh<br>Output    | 13-Jan<br>2018<br>GWh<br>Output | % Increase Over<br>Corresponding<br>Week of 2018 | 12-Jan<br>2019<br>GWh<br>Output | 13-Jan<br>2018<br>GWh<br>Output | % Increase Over<br>Corresponding<br>Week of 2018 |
| <b>New England</b>                       | 2,448                           | 2,590                           | -5.5%  | <b>4,742</b>                       | <b>5,513</b>                    | <b>-14.0%</b>                                    | 121,440                         | 121,135                         | 0.3%   |
| <b>Mid-Atlantic</b>                      | 8,655                           | 9,076                           | -4.6%  | <b>16,614</b>                      | <b>19,574</b>                   | <b>-15.1%</b>                                    | 437,441                         | 427,163                         | 2.4%   |
| <b>Central Industrial</b>                | 13,377                          | 14,146                          | -5.4%  | <b>25,966</b>                      | <b>29,993</b>                   | <b>-13.4%</b>                                    | 680,552                         | 660,274                         | 3.1%   |
| <b>West Central</b>                      | 6,285                           | 6,751                           | -6.9%  | <b>12,577</b>                      | <b>14,098</b>                   | <b>-10.8%</b>                                    | 336,370                         | 326,804                         | 2.9%   |
| <b>Southeast</b>                         | 20,385                          | 21,473                          | -5.1%  | <b>37,196</b>                      | <b>48,011</b>                   | <b>-22.5%</b>                                    | 1,041,084                       | 1,019,035                       | 2.2%   |
| <b>South Central</b>                     | 12,314                          | 13,662                          | -9.9%  | <b>26,257</b>                      | <b>29,957</b>                   | <b>-12.4%</b>                                    | 759,243                         | 728,951                         | 4.2%   |
| <b>Rocky Mountain</b>                    | 5,289                           | 5,286                           | 0.1%   | <b>11,054</b>                      | <b>10,607</b>                   | <b>4.2%</b>                                      | 281,645                         | 277,701                         | 1.4%   |
| <b>Pacific Northwest</b>                 | 3,440                           | 3,457                           | -0.5%  | <b>7,022</b>                       | <b>7,176</b>                    | <b>-2.1%</b>                                     | 155,793                         | 157,965                         | -1.4%  |
| <b>Pacific Southwest</b>                 | 4,847                           | 4,942                           | -1.9%  | <b>9,685</b>                       | <b>9,785</b>                    | <b>-1.0%</b>                                     | 276,555                         | 283,194                         | -2.3%  |
| <b>Total United States</b> <sup>1/</sup> | <u>77,040</u>                   | <u>81,383</u>                   | -5.3%  | <u><b>151,113</b></u>              | <u><b>174,714</b></u>           | <u><b>-13.5%</b></u>                             | 4,090,123                       | 4,002,222                       | 2.2%   |
| <b>Coal Regions Only</b> <sup>2/</sup>   | 66,305                          | 70,394                          | -5.8%  | <b>129,664</b>                     | <b>152,240</b>                  | <b>-14.8%</b>                                    | 3,536,335                       | 3,439,928                       | 2.8%   |

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.

<sup>1/</sup> Excludes Alaska and Hawaii

<sup>2/</sup> Excludes New England and Pacific regions

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

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January 15, 2019

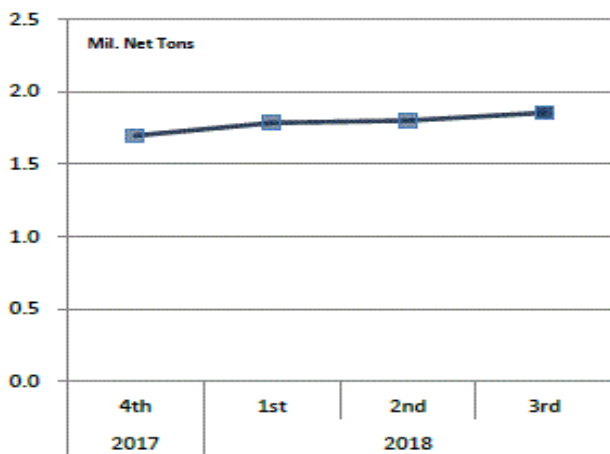
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

| <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>Jan. 12</u>                | <u>Jan. 5</u> |              |
| <b><u>Week Ending</u></b>    |                          |  |   | North East                    | 223           | 219          |
|                              |                          |  |   | Great Lakes                   | 731           | 719          |
| January 12, 2019             | 1,891                    | 0.8  | 79.8                                    | Midwest                       | 206           | 203          |
| January 12, 2018             | 1,715                    | 10.3                                       | 73.6                                    | Southern                      | 654           | 661          |
| January 5, 2019              | 1,876                    | -1.2                                       | 80.0                                    | Western                       | <u>77</u>     | <u>74</u>    |
|                              |                          |  |   | <b>Total</b>                  | <b>1,891</b>  | <b>1,876</b> |
| <b><u>Year-to-Date +</u></b> |                          |  |   |                               |               |              |
| January 12, 2019             | 3,231                    | 9.9  | 79.5                                    |                               |               |              |
| January 12, 2018             | 2,940                    | -  | 73.6                                    |                               |               |              |

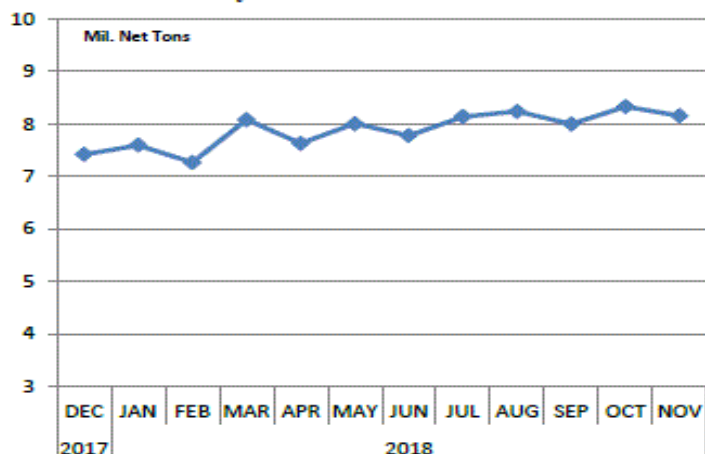
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 fourth quarter 2018 is approximately 30.8 million net tons vs. 30.6 million net tons for the same period last year, and 30.8 million tons for the third quarter of 2018.

**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](http://www.kitco.com/connecting.html)



Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)

### U.S. Rail Traffic<sup>1</sup>

Week 2, 2019 – Ended January 12, 2019

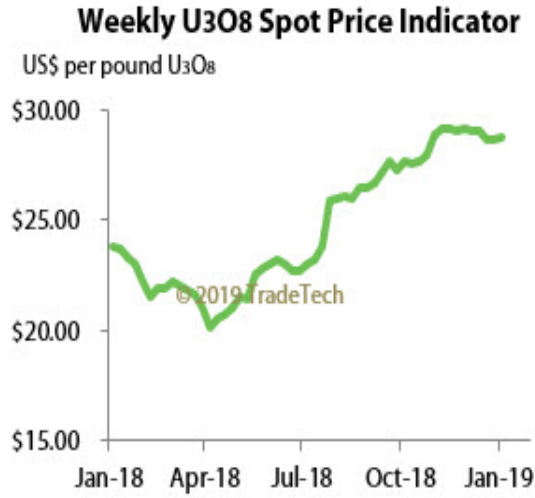
|                                     | This Week      |              | Year-To-Date   |                     |             |
|-------------------------------------|----------------|--------------|----------------|---------------------|-------------|
|                                     | Cars           | vs 2018      | Cumulative     | Avg/wk <sup>2</sup> | vs 2018     |
| <b>Total Carloads</b>               | <b>266,240</b> | <b>10.3%</b> | <b>487,999</b> | <b>244,000</b>      | <b>8.4%</b> |
| Chemicals                           | 32,931         | 3.3%         | 62,822         | 31,411              | 4.5%        |
| Coal                                | 87,228         | 14.8%        | 158,035        | 79,018              | 8.2%        |
| Farm Products excl. Grain, and Food | 16,414         | 3.3%         | 31,522         | 15,761              | 7.5%        |
| Forest Products                     | 10,281         | 5.3%         | 19,804         | 9,902               | 7.8%        |
| Grain                               | 24,682         | 12.8%        | 45,188         | 22,594              | 8.6%        |
| Metallic Ores and Metals            | 24,490         | 19.3%        | 46,228         | 23,114              | 16.6%       |
| Motor Vehicles and Parts            | 15,569         | 2.4%         | 24,782         | 12,391              | -3.5%       |
| Nonmetallic Minerals                | 30,813         | 0.9%         | 56,478         | 28,239              | 7.8%        |
| Petroleum and Petroleum Products    | 13,925         | 26.5%        | 25,982         | 12,991              | 25.8%       |
| Other                               | 9,907          | 14.0%        | 17,158         | 8,579               | 5.7%        |
| <b>Total Intermodal Units</b>       | <b>288,887</b> | <b>6.8%</b>  | <b>503,231</b> | <b>251,616</b>      | <b>5.3%</b> |
| <b>Total Traffic</b>                | <b>555,127</b> | <b>8.4%</b>  | <b>991,230</b> | <b>495,615</b>      | <b>6.8%</b> |

<sup>1</sup> Excludes U.S. operations of Canadian Pacific, CN and GMXT.

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

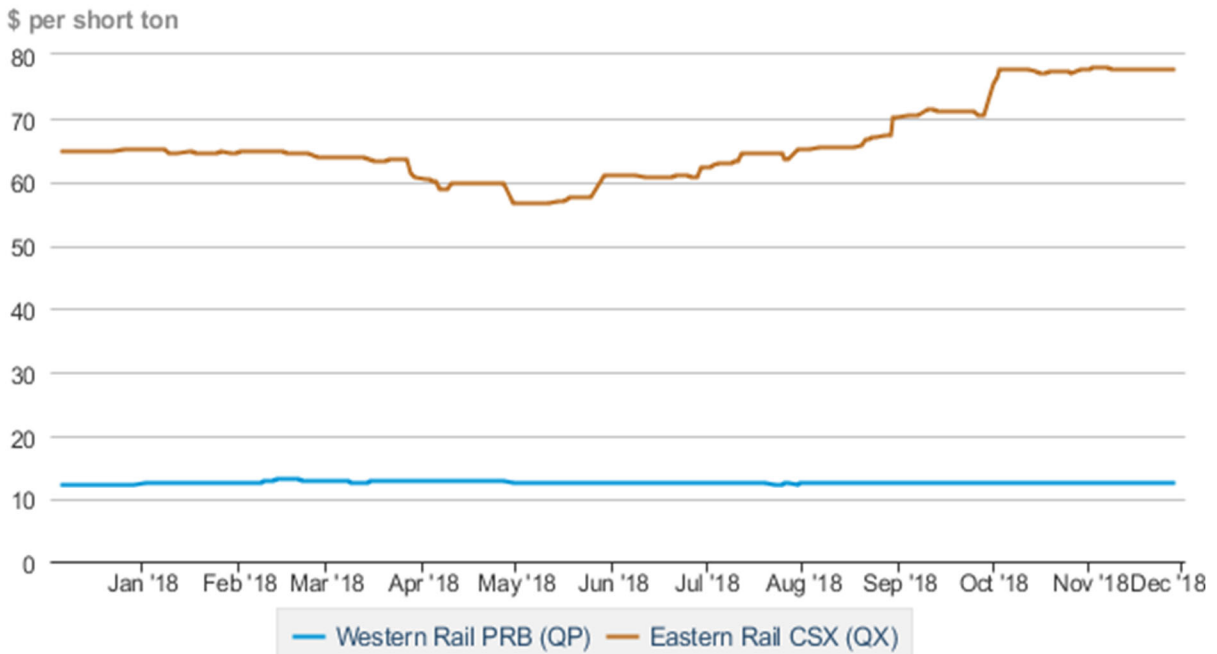
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### Trade Tech's and UX's Uranium Price Indicators



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

### NYMEX coal futures near-month contract final settlement price



 Source: The New York Mercantile Exchange (NYMEX), Daily Energy Bulletin.

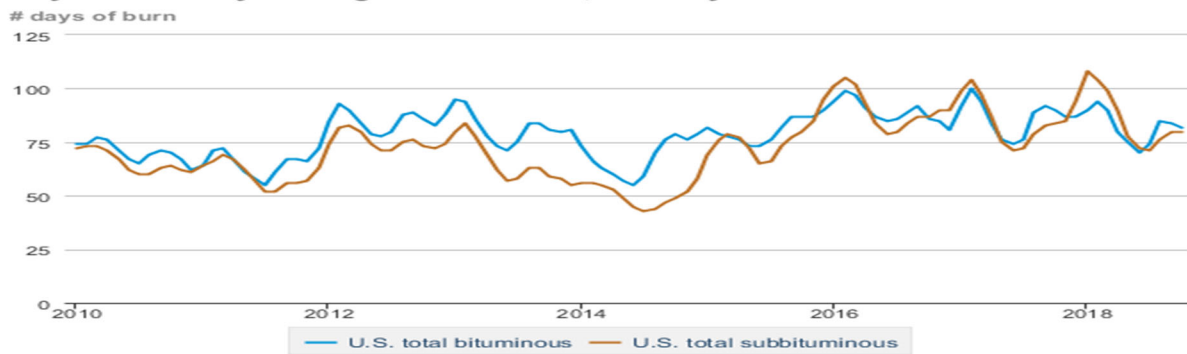
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

### Average weekly coal commodity spot prices dollars per short ton

|  | Week ending |          |          |          | Week ago |        |
|--|-------------|----------|----------|----------|----------|--------|
|  | 12/14/18    | 12/21/18 | 12/28/18 | 01/04/19 | 01/11/19 |        |
| Central Appalachia<br>12,500 Btu, 1.2 SO <sub>2</sub>    | \$81.40     | \$81.40  | \$81.40  | \$83.90  | \$83.90  | \$0.00 |
| Northern Appalachia<br>13,000 Btu, < 3.0 SO <sub>2</sub> | \$63.75     | \$63.75  | \$63.75  | \$65.70  | \$65.70  | \$0.00 |
| Illinois Basin<br>11,800 Btu, 5.0 SO <sub>2</sub>        | \$38.95     | \$38.95  | \$38.95  | \$38.95  | \$38.95  | \$0.00 |
| Powder River Basin<br>8,800 Btu, 0.8 SO <sub>2</sub>     | \$11.95     | \$11.95  | \$11.95  | \$11.90  | \$11.90  | \$0.00 |
| Uinta Basin<br>11,700 Btu, 0.8 SO <sub>2</sub>           | \$40.40     | \$40.40  | \$40.40  | \$40.25  | \$40.25  | \$0.00 |

Source: Energy Information Administration (with permission from SNL), *Coal Market Report*

Days of burn by non-lignite coal rank, January 2009 - October 2018



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jan 03)

| Region          | HDD Current | HDD deviation from: |           | CDD Current | CDD deviation from: |           |
|-----------------|-------------|---------------------|-----------|-------------|---------------------|-----------|
|                 |             | normal              | last year |             | normal              | last year |
| New England     | 197         | -67                 | -203      | 0           | 0                   | 0         |
| Middle Atlantic | 177         | -75                 | -189      | 0           | 0                   | 0         |
| E N Central     | 217         | -69                 | -193      | 0           | 0                   | 0         |
| W N Central     | 300         | -11                 | -130      | 0           | 0                   | 0         |
| South Atlantic  | 88          | -90                 | -175      | 18          | 11                  | 17        |
| E S Central     | 101         | -83                 | -177      | 0           | -1                  | 0         |
| W S Central     | 149         | 11                  | -63       | 1           | -1                  | 1         |
| Mountain        | 283         | 47                  | 72        | 0           | 0                   | 0         |
| Pacific         | 146         | 21                  | 70        | 0           | 0                   | 0         |
| United States   | 185         | -36                 | -107      | 3           | 2                   | 3         |

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 | 2018 Year to Date - 3rd Quarter | 2017 Year to Date - 3rd Quarter | Percent Change |
|---|---------------------------------|---------------------------------|----------------|
| Aluminum, secondary (000 Mt.)                   | 624.0                           | 628.0                           | -1%            |
| Cement (Mil. Mt.)                               | 64.7                            | 63.2                            | 2%             |
| Copper (000 Mt.)                                | 912.0                           | 955.0                           | -5%            |
| Gold (Mt.)                                      | 156.0                           | 178.0                           | -12%           |
| Gypsum (Mil. Mt.)                               | 12.8                            | 12.4                            | 3%             |
| Iron Ore (Mil. Mt.)                             | 36.4                            | 34.5                            | 6%             |
| Lead (000 Mt.)                                  | W                               | 228.0                           | N/A            |
| Molybdenum (000 Mt.)                            | 30.9                            | 29.8                            | 4%             |
| Phosphate rock (Mil. Mt.)                       | 20.1                            | 20.8                            | -3%            |
| Sand & gravel, construction (Mil. Mt.)          | 720.0                           | 672.0                           | 7%             |
| Silver (Mt.)                                    | 675.0                           | 779.0                           | -13%           |
| Soda ash (Mil. Mt.)                             | 8.8                             | 8.8                             | 0%             |
| Stone, crushed (Mil. Mt.)                       | 1,050.0                         | 1,010.0                         | 4%             |
| Zinc (000 Mt.)                                  | 600.0                           | 540.0                           | 11%            |

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2018 data are preliminary estimates. W - withheld, N/A - not available

### Natural gas spot prices (Henry Hub)



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          | October 2018       |              | October 2017       |              | % Change of Stocks | September 2018     |              | % Change of Stocks |
|------------|---------------|--------------------|--------------|--------------------|--------------|--------------------|--------------------|--------------|--------------------|
|            |               | Stocks (1000 tons) | Days of Burn | Stocks (1000 tons) | Days of Burn |                    | Stocks (1000 tons) | Days of Burn |                    |
| Northeast  | Bituminous    | 3,258              | 94           | 4,714              | 90           | -30.9%             | 2,831              | 84           | 15.1%              |
|            | Subbituminous | 163                | 113          | 146                | 99           | 11.3%              | 163                | 139          | 0.0%               |
| South      | Bituminous    | 18,869             | 82           | 27,570             | 92           | -31.6%             | 18,000             | 86           | 4.8%               |
|            | Subbituminous | 4,605              | 56           | 5,359              | 64           | -14.1%             | 4,669              | 59           | -1.4%              |
| Midwest    | Bituminous    | 9,249              | 74           | 13,270             | 83           | -30.3%             | 8,876              | 78           | 4.2%               |
|            | Subbituminous | 27,720             | 91           | 37,508             | 84           | -26.1%             | 26,385             | 88           | 5.1%               |
| West       | Bituminous    | 4,205              | 91           | 5,312              | 91           | -20.8%             | 4,301              | 92           | -2.2%              |
|            | Subbituminous | 20,242             | 76           | 26,295             | 89           | -23.0%             | 20,223             | 77           | 0.1%               |
| U.S. Total | Bituminous    | 35,582             | 82           | 50,867             | 90           | -30.0%             | 34,008             | 84           | 4.6%               |
|            | Subbituminous | 52,729             | 80           | 69,308             | 84           | -23.9%             | 51,440             | 80           | 2.5%               |

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

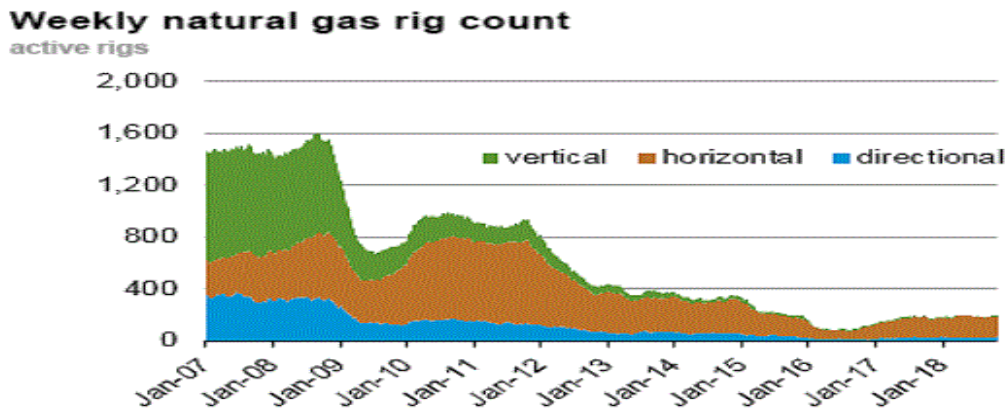
### EIA Working Natural Gas Underground Storage

| Region        | Stocks<br>billion cubic feet (Bcf) |              |            |
|---------------|------------------------------------|--------------|------------|
|               | 2019-01-04                         | 2018-12-28   | change     |
| East          | 651                                | 661          | -10        |
| Midwest       | 763                                | 798          | -35        |
| Mountain      | 132 C                              | 147          | -15        |
| Pacific       | 204                                | 220          | -16        |
| South Central | 865                                | 878          | -13        |
| <b>Total</b>  | <b>2,614 C</b>                     | <b>2,705</b> | <b>-91</b> |

Source: Form EIA-912, "Weekly Underground Natural Gas Storage Report"  
 C=Reclassification

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

### EIA Natural Gas Rig Count



Source: Baker Hughes Inc.

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

### EIA Oil and Natural Gas Rig Productivity

| Region                      | New-well oil production per rig<br>barrels/day |              |           | New-well gas production per rig<br>thousand cubic feet/day |              |           |
|-----------------------------|--|--------------|-----------|--|--------------|-----------|
|                             | December 2018                                  | January 2019 | change    | December 2018  | January 2019 | change    |
| Anadarko                    | 413  | 416          | 3         | 2,919  | 2,942        | 23        |
| Appalachia                  | 147  | 147          | -         | 17,244   | 17,446       | 202       |
| Bakken                      | 1,589  | 1,611        | 22        | 2,048  | 2,095        | 47        |
| Eagle Ford                  | 1,417  | 1,428        | 11        | 5,940  | 6,038        | 98        |
| Haynesville                 | 26   | 27           | 1         | 9,012  | 9,152        | 140       |
| Niobrara                    | 1,227  | 1,237        | 10        | 4,368  | 4,390        | 22        |
| Permian                     | 616  | 631          | 15        | 1,236  | 1,236        | -         |
| <b>Rig-weighted average</b> | <b>679</b>                                     | <b>691</b>   | <b>12</b> | <b>3,850</b>   | <b>3,881</b> | <b>31</b> |

Source: Energy Information Administration, *Drilling Productivity Report*