
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

October 23, 2020 Edition
(Data for Week Ending October 17, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 42
Dated 10/23/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	10/17/20	10/19/19	% Chng	10/17/20	10/17/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,607	13,096	-19.0%	425,879	573,178	-25.7%
52 Weeks Ended	555,343	726,849	-23.6%			
AAR Coal Rail Cars Loaded:	59,079	75,083	-21.3%	2,384,526	3,244,955	-26.5%
Coal Production Month Ended - Sep	September 20/19 45,094	% Chng 58,597	% Chng -23.0%	Jan - September 20/19 399,819	% Chng 541,059	% Chng -26.1%
DOC Coal Trade (000 Tons)						
Exports:	August 20/19		% Chng	Jan - August 20/19		% Chng
Metallurgical	2,915	5,022	-42.0%	27,312	37,683	-27.5%
Steam Bit. *	1,599	2,677	-40.3%	17,150	26,821	-36.1%
Lignite	6	5	20.0%	60	60	0.0%
Anthracite	7	5	40.0%	153	196	-21.9%
Total	4,527	7,709	-41.3%	44,675	64,760	-31.0%
Imports:	314	519	-39.5%	3,272	4,323	-24.3%
	Week Ended			Cumulative Week 1 to		
	10/17/20	10/19/19	% Chng	10/17/20	10/19/19	% Chng
EI Electric Total Output (Mil. Kwh)	69,802	67,907	2.8%	3,201,045	3,307,553	-3.2%
EI Coal Region Output (Mil. Kwh)	59,741	58,381	2.3%	2,767,635	2,868,678	-3.5%
AISI Raw Steel Output (000 Tons)	1,535	1,805	-15.0%	62,481	77,545	-19.4%

EIA (S&P Global) AVERAGE COAL & NATURAL GAS SPOT PRICES Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	10/16/20	10/09/20	% Chng	Wed.	10/14/20
Central App, 12,500 Btu, 1.2 SO ₂	\$59.50	\$59.50	0.0%	Henry Hub	2.03
Northern App, 13,000 Btu, < 3.0 SO ₂	42.45	42.45	0.0%	New York	1.27
Illinois Basin, 11,800, 5.0 SO ₂	34.05	34.05	0.0%	Chicago	2.08
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.70	11.70	0.0%	Cal.Comp.Avg.	3.58
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.10	29.10	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; S&P Global; NGI's Daily Gas Price Index



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THE AMERICAN RESOURCE

National Mining Association Web Site: [http:// www.nma.org](http://www.nma.org)

EIA Estimated Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	10/17/2020 (week 42)	10/10/2020 (week 41)	10/19/2019 (week 42)	10/17/2020	10/17/2019	% Change	10/17/2020	10/19/2019	% Change
Alabama	209	227	237	9,585	11,717	-18.2	11,925	14,635	-18.5
Alaska	19	19	19	775	779	-0.5	965	1,011	-4.5
Arizona	3,843	-100.0	.	5,096	.
Colorado	186	192	227	7,806	10,559	-26.1	10,051	13,223	-24.0
Illinois	565	591	726	25,474	38,518	-33.9	32,648	48,313	-32.4
Indiana	397	415	558	16,634	25,886	-35.7	22,150	33,107	-33.1
Kentucky Total	446	459	606	18,719	29,948	-37.5	24,713	37,769	-34.6
Eastern (KY)	149	153	219	6,601	11,643	-43.3	8,768	14,904	-41.2
Western (KY)	297	306	387	12,119	18,305	-33.8	15,945	22,866	-30.3
Louisiana	26	25	26	933	1,273	-26.7	1,190	1,508	-21.1
Maryland	24	25	28	961	1,188	-19.1	1,237	1,469	-15.8
Mississippi	45	46	47	2,015	2,219	-9.2	2,480	2,752	-9.9
Missouri	3	3	3	122	157	-22.1	154	208	-26.0
Montana	575	587	661	22,443	27,753	-19.1	28,973	36,421	-20.4
New Mexico	207	217	269	8,562	11,802	-27.5	11,220	14,976	-25.1
North Dakota	531	575	554	20,370	21,361	-4.6	25,851	27,198	-5.0
Ohio	81	85	130	3,361	6,462	-48.0	4,642	8,409	-44.8
Oklahoma	2	2	4	39	190	-79.2	76	264	-71.2
Pennsylvania Total	758	799	991	29,088	40,000	-27.3	38,889	50,134	-22.4
Anthracite (PA)	57	60	61	1,905	1,991	-4.3	2,508	2,406	4.2
Bituminous (PA)	701	739	930	27,184	38,010	-28.5	36,381	47,727	-23.8
Tennessee	9	9	9	238	346	-31.2	325	392	-17.1
Texas	368	378	424	14,482	18,996	-23.8	18,674	23,494	-20.5
Utah	222	228	251	9,824	11,849	-17.1	12,310	14,589	-15.6
Virginia	201	204	224	8,112	10,189	-20.4	10,329	12,785	-19.2
West Virginia Total	1,290	1,348	1,674	53,763	76,413	-29.6	70,307	95,066	-26.0
Northern (WV)	664	700	873	27,654	38,203	-27.6	36,285	47,708	-23.9
Southern (WV)	626	648	800	26,109	38,210	-31.7	34,021	47,358	-28.2
Wyoming	4,444	4,566	5,428	172,572	221,730	-22.2	226,234	284,030	-20.3
Appalachian Total	2,721	2,849	3,511	111,709	157,958	-29.3	146,421	197,793	-26.0
Interior Total	1,702	1,766	2,175	71,818	105,544	-32.0	93,318	132,511	-29.6
Western Total	6,184	6,385	7,410	242,352	309,676	-21.7	315,604	396,545	-20.4
East of Mississippi River	4,025	4,207	5,229	167,950	242,887	-30.9	219,645	304,830	-27.9
West of Mississippi River	6,582	6,793	7,867	257,929	330,292	-21.9	335,698	422,018	-20.5
Bituminous and Lignite	10,549	10,940	13,035	423,974	571,188	-25.8	552,835	724,442	-23.7
Anthracite	57	60	61	1,905	1,991	-4.3	2,508	2,406	4.2
U.S. Total	10,607	11,000	13,096	425,879	573,178	-25.7	555,343	726,849	-23.6
Railroad Cars Loaded	59,979	62,229	75,083	2,384,526	3,244,955	-26.5	3,129,156	4,145,057	-24.5

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 42

OUTPUT FOR WEEK ENDED - Oct 17, 2020

Oct 21, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Oct 17, 2020** was **69,802** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **174** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended October 17		52 Weeks Ended October 17	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	1,937	0.1	115,001	-2.2
Mid-Atlantic	6,817	-1.2	413,425	-3.8
Central Industrial	10,577	-1.5	635,732	-4.3
West Central	5,718	0.6	322,593	-2.4
Southeast	17,254	2.5	984,645	-4.8
South Central	14,108	8.5	754,980	-1.6
Rocky Mountain	5,267	1.0	287,665	2.2
Pacific Northwest	2,558	-6.7	154,599	-1.6
Pacific Southwest	5,566	14.8	267,720	-0.1
Total United States	69,802	2.8	3,936,361	-2.8

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Sep 26	69,966	Sep 28	79,349	-11.8	Sep 26	3,944,485	-2.7
Oct 03	70,736	Oct 05	80,103	-11.7	Oct 03	3,935,119	-3.0
Oct 10	69,806	Oct 12	70,459	-0.9	Oct 10	3,934,465	-2.9
Oct 17	69,802	Oct 19	67,907	2.8	Oct 17	3,936,360	-2.8
Oct 17	3,201,045	Oct 19	3,307,553	-3.2	YEAR TO DATE, FIRST 42 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Sep 26	178	Sep 28	198	Sep 29	180
Oct 03	183	Oct 05	205	Oct 06	194
Oct 10	171	Oct 12	174	Oct 13	183
Oct 17	174	Oct 19	170	Oct 20	172

* 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		
	17-Oct 2020 GWh Output	19-Oct 2019 GWh Output	% Increase Over Corresponding Week	17-Oct 2020 GWh Output	19-Oct 2019 GWh Output	% Increase Over Corresponding Week	17-Oct 2020 GWh Output	19-Oct 2019 GWh Output	% Increase Over Corresponding Week
New England	1,937	1,935	0.1%	92,645	94,779	-2.3%	115,001	117,577	-2.2%
Mid-Atlantic	6,817	6,902	-1.2%	334,264	349,356	-4.3%	413,425	429,900	-3.8%
Central Industrial	10,577	10,739	-1.5%	514,072	538,817	-4.6%	635,732	664,198	-4.3%
West Central	5,718	5,685	0.6%	260,927	268,204	-2.7%	322,593	330,514	-2.4%
Southeast	17,254	16,841	2.5%	802,852	845,651	-5.1%	984,645	1,034,000	-4.8%
South Central	14,108	13,000	8.5%	622,592	637,498	-2.3%	754,980	767,418	-1.6%
Rocky Mountain	5,267	5,214	1.0%	232,928	229,152	1.6%	287,665	281,480	2.2%
Pacific Northwest	2,558	2,743	-6.7%	122,114	125,015	-2.3%	154,599	157,095	-1.6%
Pacific Southwest	<u>5,566</u>	<u>4,848</u>	14.8%	<u>218,652</u>	<u>219,083</u>	-0.2%	<u>267,720</u>	<u>268,110</u>	-0.1%
Total United States ^{1/}	<u>69,802</u>	<u>67,907</u>	2.8%	<u>3,201,046</u>	<u>3,307,555</u>	-3.2%	<u>3,936,360</u>	<u>4,050,292</u>	-2.8%
Coal Regions Only ^{2/}	59,741	58,381	2.3%	2,767,635	2,868,678	-3.5%	3,399,040	3,507,510	-3.1%

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*.

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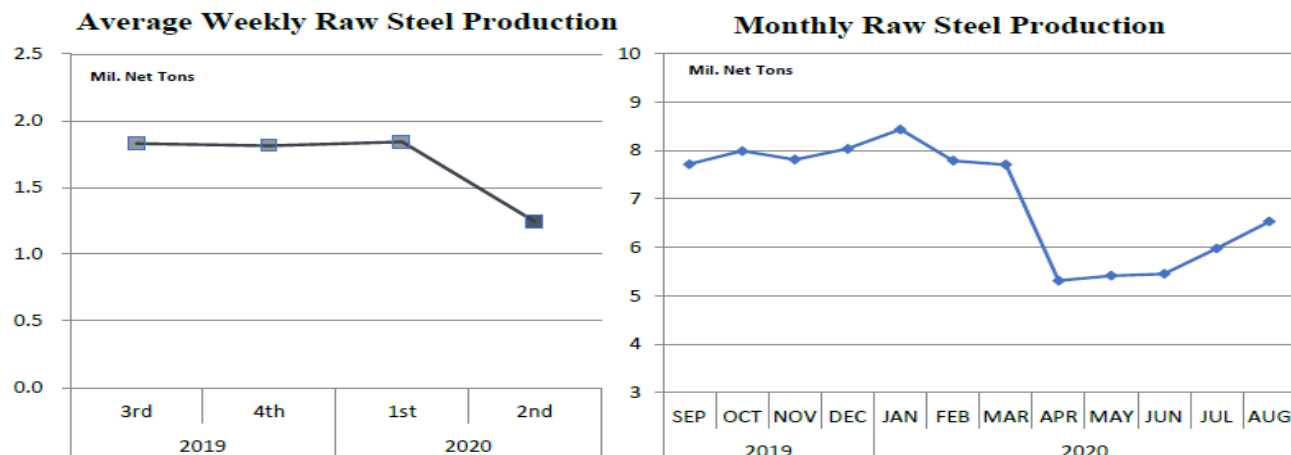
October 19, 2020

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

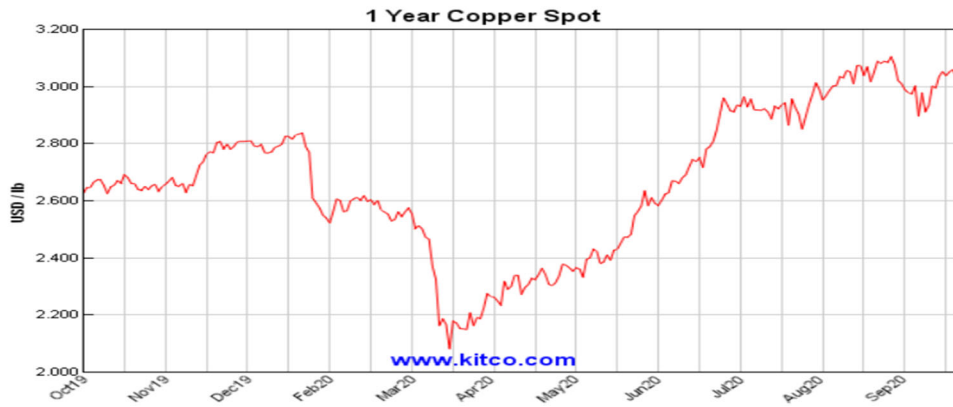
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Oct.17</u>	<u>Week Ending Oct.10</u>	
<u>Week Ending</u>				North East	143	147
				Great Lakes	557	538
October 17, 2020	1,535	2.2	69.4	Midwest	164	154
October 17, 2019	1,805	-15.0	78.0	Southern	601	592
October 10, 2020	1,502	1.2	67.9	Western	<u>70</u>	<u>71</u>
				Total	1,535	1,502
<u>Year-to-Date +</u>						
October 17, 2020	62,481	19.4	66.3			
October 17, 2019	77,545	-	80.1			

*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 2020 is approximately 29.1 million net tons vs. 30.4 million net tons for the same period last year, and 29.4 million tons for the third quarter of 2020.



*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



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

U.S. Rail Traffic¹
 Week 42, 2020 – Ended October 17, 2020

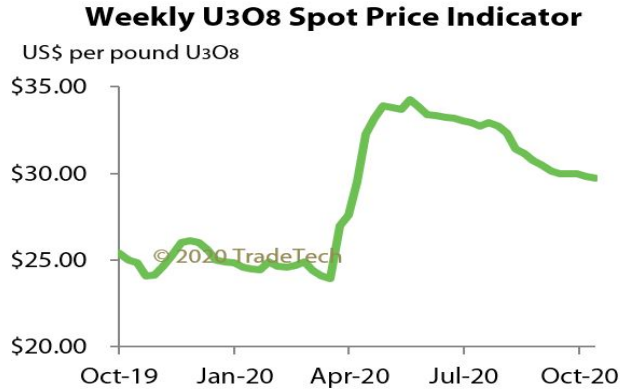
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	226,828	-7.5%	9,025,595	214,895	-14.9%
Chemicals	29,718	-6.3%	1,286,047	30,620	-5.0%
Coal	59,979	-20.1%	2,414,612	57,491	-26.5%
Farm Products excl. Grain, and Food	16,312	2.1%	643,995	15,333	-1.4%
Forest Products	9,337	-0.8%	389,405	9,272	-6.0%
Grain	25,547	23.9%	902,062	21,478	-0.3%
Metallic Ores and Metals	18,537	-5.9%	752,950	17,927	-18.1%
Motor Vehicles and Parts	15,636	6.0%	519,793	12,376	-23.2%
Nonmetallic Minerals	31,058	-13.7%	1,254,802	29,876	-14.0%
Petroleum and Petroleum Products	10,293	-19.1%	462,958	11,023	-12.8%
Other	10,411	13.3%	398,971	9,499	-0.6%
Total Intermodal Units	291,935	11.3%	10,615,783	252,757	-5.1%
Total Traffic	518,763	2.2%	19,641,378	467,652	-9.8%

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.

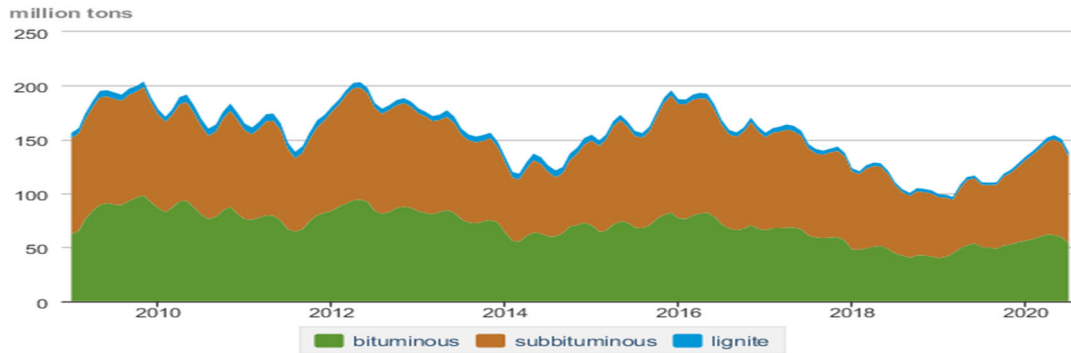
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

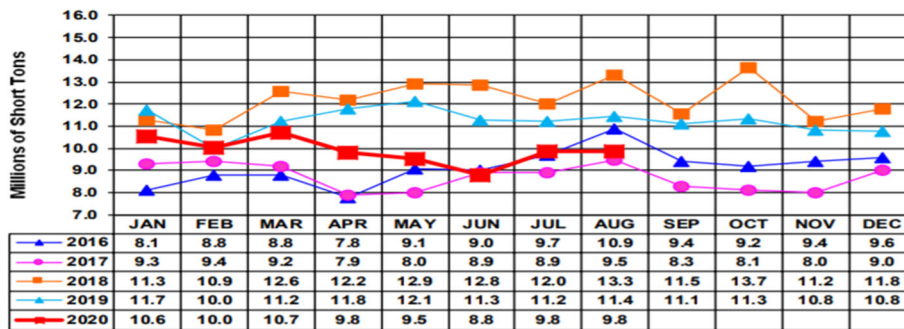
Coal stocks by type, January 2009 - July 2020



eia 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.

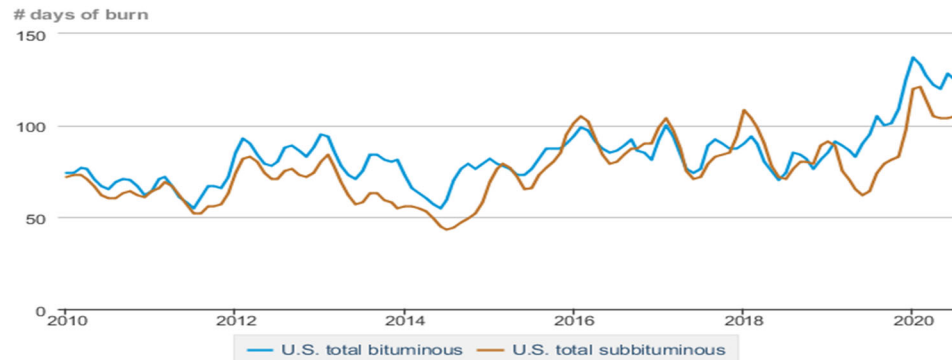
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	09/18/20	09/25/20	10/02/20	10/09/20	10/16/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$59.50	\$59.50	\$59.50	\$59.50	\$59.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$42.45	\$42.45	\$42.45	\$42.45	\$42.45	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.05	\$34.05	\$34.05	\$34.05	\$34.05	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.70	\$11.70	\$11.75	\$11.75	\$11.75	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.10	\$29.10	\$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 - July 2020



 Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Oct 08)

Region	HDD Current	HDD deviation from:		GDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	65	-11	-16	0	0	0
Middle Atlantic	60	-4	2	0	-3	-1
E N Central	88	21	33	0	-4	-3
W N Central	79	13	8	4	-2	4
South Atlantic	36	5	25	32	-5	-30
E S Central	42	13	35	6	-16	-48
W S Central	14	6	10	37	-8	-38
Mountain	31	-35	-38	34	13	15
Pacific	4	-18	-17	44	29	35
United States	49	1	8	20	1	-7

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 - 2nd Quarter	2019 Year to Date - 2nd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	410.0	419.0	-2%
Cement (Mil. Mt.)	41.5	40.2	3%
Copper (000 Mt.)	590.0	615.0	-4%
Gold (Mt.)	91.9	100.0	-8%
Gypsum (Mil. Mt.)	8.5	8.7	-2%
Iron Ore (Mil. Mt.)	17.4	23.3	-25%
Lead (000 Mt.)	137.0	136.0	1%
Molybdenum (000 Mt.)	29.2	21.7	35%
Phosphate rock (Mil. Mt.)	11.9	11.3	5%
Sand & gravel, construction (Mil. Mt.)	428.0	431.0	-1%
Silver (Mt.)	490.0	482.0	2%
Soda ash (Mil. Mt.)	5.1	5.8	-12%
Stone, crushed (Mil. Mt.)	694.0	699.0	-1%
Zinc (000 Mt.)	308.0	362.0	-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	July 2020		July 2019		% Change of Stocks	June 2020		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,669	271	3,762	181	-2.5%	3,857	278	-4.9%
	Subbituminous	160	213	163	206	-2.3%	162	232	-1.2%
South	Bituminous	21,739	112	22,745	97	-4.4%	25,421	116	-14.5%
	Subbituminous	6,712	77	4,194	42	60.0%	7,789	82	-13.8%
Midwest	Bituminous	13,674	119	10,054	79	36.0%	14,156	117	-3.4%
	Subbituminous	29,169	128	21,373	76	36.5%	30,931	126	-5.7%
West	Bituminous	3,598	149	3,938	80	-8.6%	4,059	166	-11.4%
	Subbituminous	27,067	94	20,398	60	32.7%	29,708	93	-8.9%
U.S. Total	Bituminous	42,679	125	40,499	95	5.4%	47,493	128	-10.1%
	Subbituminous	63,108	105	46,129	64	36.8%	68,589	104	-8.0%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

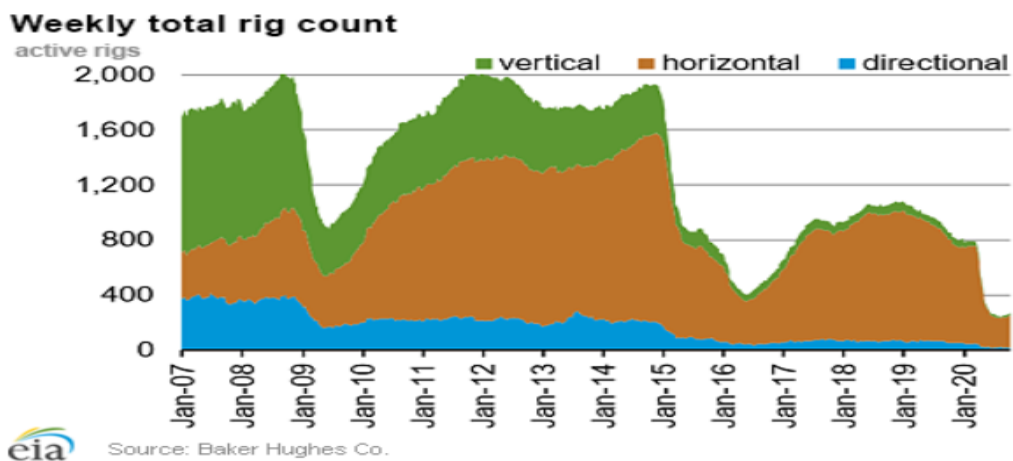
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2020-10-09	2020-10-02	change
East	908	893	15
Midwest	1,081	1,062	19
Mountain	241	236	5
Pacific	320	318	2
South Central	1,326	1,322	4
Total	3,877	3,831	46

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

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

EIA Natural Gas Rig Count



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		
	October 2020	November 2020	change	October 2020	November 2020	change
Anadarko	1,031	980	(51)	6,484	6,160	(324)
Appalachia	172	173	1	26,177	26,700	523
Bakken	2,273	2,300	27	3,000	3,105	105
Eagle Ford	2,449	2,498	49	8,523	8,694	171
Haynesville	20	20	-	11,269	11,271	2
Niobrara	2,028	2,038	10	5,554	5,565	11
Permian	1,199	1,283	84	2,155	2,198	43
Rig-weighted average	1,001	1,031	30	7,445	7,582	137

Source: Energy Information Administration, *Drilling Productivity Report*