
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

November 13, 2020 Edition
(Data for Week Ending November 7, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 45
Dated 11/13/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	11/07/20	11/09/19	% Chng	11/07/20	11/07/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,435	13,113	-20.4%	456,852	611,722	-25.3%
52 Weeks Ended	547,768	720,758	-24.0%			
AAR Coal Rail Cars Loaded:	58,987	75,180	-21.5%	2,559,634	3,465,931	-26.1%
Coal Production Month Ended - Oct	October 20/19		% Chng	Jan - Oct 20/19		% Chng
	46,599	57,674	-19.2%	446,418	598,733	-25.4%
DOC Coal Trade (000 Tons)						
Exports:	September 20/19			Jan - Sep 20/19		
			% Chng			% Chng
Metallurgical	3,543	4,794	-26.1%	30,855	42,476	-27.4%
Steam Bit. *	1,820	2,891	-37.0%	18,970	29,712	-36.2%
Lignite	10	9	11.1%	70	69	1.4%
Anthracite	7	5	40.0%	158	232	-31.9%
Total	5,380	7,699	-30.1%	50,053	72,489	-31.0%
Imports:	501	651	-23.0%	3,773	4,974	-24.1%
	Week Ended			Cumulative Week 1 to		
	11/07/20	11/09/19	% Chng	11/07/20	11/09/19	% Chng
EI Electric Total Output (Mil. Kwh)	68,843	72,007	-4.4%	3,409,437	3,518,497	-3.1%
EI Coal Region Output (Mil. Kwh)	59,263	62,037	-4.5%	2,947,182	3,050,109	-3.4%
AISI Raw Steel Output (000 Tons)	1,573	1,823	-13.7%	67,379	82,977	-18.8%

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)	
	11/06/20	10/30/20	% Chng	Wed.	11/04/20
Central App, 12,500 Btu, 1.2 SO ₂	\$51.20	\$51.20	0.0%	Henry Hub	2.60
Northern App, 13,000 Btu, < 3.0 SO ₂	42.50	42.50	0.0%	New York	0.64
Illinois Basin, 11,800, 5.0 SO ₂	34.10	34.10	0.0%	Chicago	2.39
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.65	11.65	0.0%	Cal.Comp.Avg.	3.73
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.05	30.05	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



NMA
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		
	11/7/2020 (week 45)	10/31/2020 (week 44)	11/9/2019 (week 45)	11/7/2020	11/7/2019	% Change	11/7/2020	11/9/2019	% Change
Alabama	206	213	237	10,201	12,414	-17.8	11,845	14,483	-18.2
Alaska	18	18	19	831	836	-0.6	965	1,001	-3.6
Arizona	3,843	-100.0	.	4,723	.
Colorado	183	181	227	8,348	11,228	-25.6	9,925	13,118	-24.3
Illinois	556	557	727	27,118	40,654	-33.3	32,156	47,595	-32.4
Indiana	390	391	559	17,788	27,528	-35.4	21,662	32,647	-33.6
Kentucky Total	439	432	607	20,021	31,732	-36.9	24,230	37,277	-35.0
Eastern (KY)	146	145	219	7,031	12,288	-42.8	8,552	14,597	-41.4
Western (KY)	293	288	388	12,990	19,444	-33.2	15,677	22,680	-30.9
Louisiana	25	24	26	1,009	1,350	-25.3	1,189	1,517	-21.6
Maryland	23	23	28	1,030	1,270	-18.9	1,224	1,469	-16.7
Mississippi	44	43	47	2,146	2,358	-9.0	2,472	2,736	-9.6
Missouri	3	3	3	130	166	-21.8	152	203	-25.1
Montana	565	553	661	24,111	29,697	-18.8	28,696	35,841	-19.9
New Mexico	203	205	269	9,168	12,594	-27.2	11,035	14,846	-25.7
North Dakota	523	542	555	21,942	22,992	-4.6	25,791	27,139	-5.0
Ohio	80	80	130	3,595	6,843	-47.5	4,494	8,222	-45.3
Oklahoma	2	2	4	45	201	-77.8	70	253	-72.3
Pennsylvania Total	746	753	993	31,323	42,918	-27.0	38,205	50,119	-23.8
Anthracite (PA)	56	56	61	2,074	2,170	-4.4	2,497	2,467	1.2
Bituminous (PA)	690	696	932	29,249	40,748	-28.2	35,707	47,652	-25.1
Tennessee	9	9	9	265	372	-28.9	326	405	-19.5
Texas	362	356	425	15,554	20,244	-23.2	18,498	23,439	-21.1
Utah	218	215	252	10,483	12,589	-16.7	12,229	14,535	-15.9
Virginia	197	192	225	8,703	10,849	-19.8	10,260	12,691	-19.2
West Virginia Total	1,269	1,270	1,676	57,521	81,338	-29.3	69,139	94,581	-26.9
Northern (WV)	654	659	874	29,591	40,772	-27.4	35,652	47,522	-25.0
Southern (WV)	616	610	801	27,930	40,566	-31.1	33,487	47,059	-28.8
Wyoming	4,372	4,301	5,435	185,522	237,706	-22.0	223,206	281,921	-20.8
Appalachian Total	2,677	2,684	3,516	119,667	168,293	-28.9	144,044	196,567	-26.7
Interior Total	1,675	1,664	2,178	76,779	111,945	-31.4	91,877	131,069	-29.9
Western Total	6,083	6,015	7,419	260,406	331,484	-21.4	311,847	393,122	-20.7
East of Mississippi River	3,959	3,963	5,236	179,709	258,277	-30.4	216,011	302,225	-28.5
West of Mississippi River	6,475	6,400	7,877	277,143	353,445	-21.6	331,757	418,533	-20.7
Bituminous and Lignite	10,378	10,306	13,052	454,778	609,552	-25.4	545,271	718,291	-24.1
Anthracite	56	56	61	2,074	2,170	-4.4	2,497	2,467	1.2
U.S. Total	10,435	10,363	13,113	456,852	611,722	-25.3	547,768	720,758	-24.0
Railroad Cars Loaded	58,987	58,585	75,180	2,559,634	3,465,931	-26.1	3,083,255	4,105,160	-24.9

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 45

OUTPUT FOR WEEK ENDED - Nov 07, 2020

Nov 11, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Nov 07, 2020** was **68,843** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **178** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended November 07		52 Weeks Ended November 07	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,058	-2.6	115,048	-1.9
Mid-Atlantic	7,091	-6.9	412,745	-3.8
Central Industrial	10,874	-8.7	634,486	-4.4
West Central	5,712	-7.3	322,246	-2.5
Southeast	17,730	-2.3	983,866	-4.9
South Central	12,414	-2.6	756,280	-1.7
Rocky Mountain	5,442	-0.3	287,536	1.7
Pacific Northwest	2,761	-7.3	154,107	-2.1
Pacific Southwest	4,761	-2.4	267,494	-0.1
Total United States	68,843	-4.4	3,933,809	-2.9

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Oct 17	69,802	Oct 19	67,907	2.8	Oct 17	3,936,360	-2.8
Oct 24	70,046	Oct 26	68,164	2.8	Oct 24	3,938,243	-2.8
Oct 31	69,502	Nov 02	70,773	-1.8	Oct 31	3,936,972	-2.8
Nov 07	68,843	Nov 09	72,007	-4.4	Nov 07	3,933,808	-2.9
Nov 07	3,409,437	Nov 09	3,518,497	-3.1	YEAR TO DATE, FIRST 45 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Oct 17	174	Oct 19	170	Oct 20	172
Oct 24	177	Oct 26	173	Oct 27	173
Oct 31	175	Nov 02	180	Nov 03	173
Nov 07	178	Nov 09	188	Nov 10	180

* 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		
	7-Nov 2020 GWh Output	9-Nov 2019 GWh Output	% Increase Over Corresponding Week	7-Nov 2020 GWh Output	9-Nov 2019 GWh Output	% Increase Over Corresponding Week	7-Nov 2020 GWh Output	9-Nov 2019 GWh Output	% Increase Over Corresponding Week
New England	2,058	2,113	-2.6%	98,758	100,845	-2.1%	115,048	117,278	-1.9%
Mid-Atlantic	7,091	7,612	-6.8%	355,249	371,020	-4.3%	412,745	429,208	-3.8%
Central Industrial	10,874	11,906	-8.7%	546,900	572,891	-4.5%	634,486	663,417	-4.4%
West Central	5,712	6,159	-7.3%	278,431	286,056	-2.7%	322,246	330,595	-2.5%
Southeast	17,730	18,156	-2.3%	855,240	898,819	-4.8%	983,866	1,034,953	-4.9%
South Central	12,414	12,745	-2.6%	662,224	675,832	-2.0%	756,280	769,012	-1.7%
Rocky Mountain	5,442	5,459	-0.3%	249,138	245,491	1.5%	287,536	282,600	1.7%
Pacific Northwest	2,761	2,980	-7.3%	130,371	133,765	-2.5%	154,107	157,409	-2.1%
Pacific Southwest	4,761	4,877	-2.4%	233,126	233,782	-0.3%	267,494	267,825	-0.1%
Total United States ^{1/}	68,843	72,007	-4.4%	3,409,437	3,518,501	-3.1%	3,933,808	4,052,297	-2.9%
Coal Regions Only ^{2/}	59,263	62,037	-4.5%	2,947,182	3,050,109	-3.4%	3,397,159	3,509,785	-3.2%

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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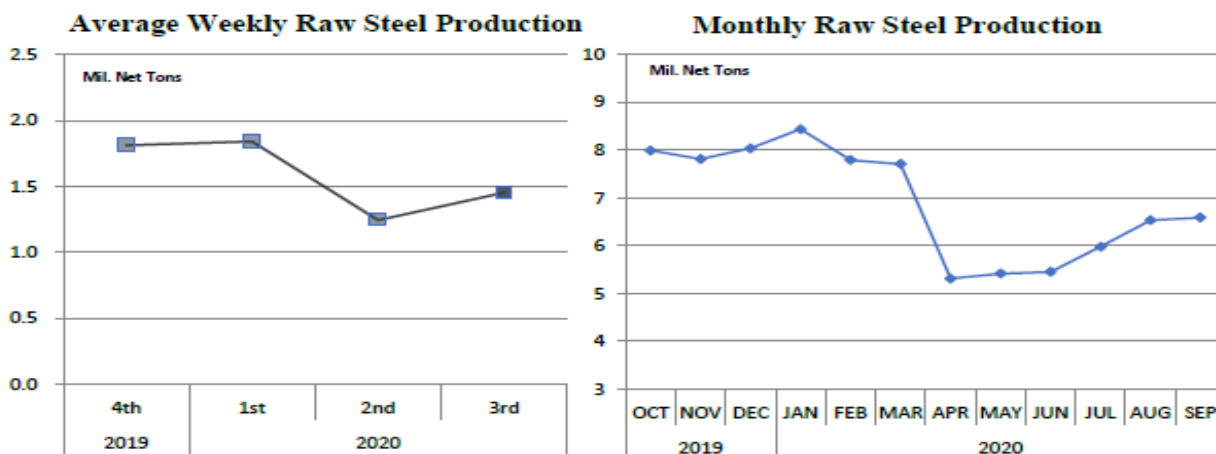
November 9, 2020

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

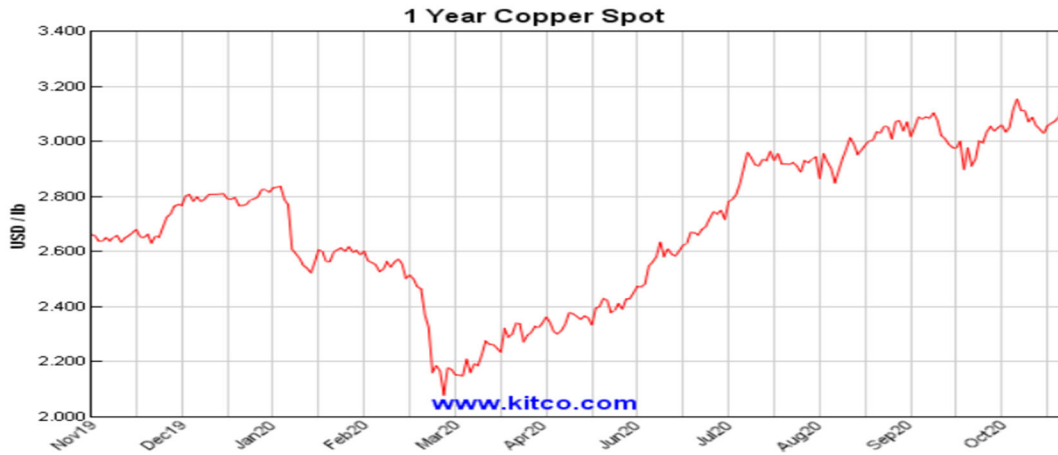
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Nov. 7</u>	<u>Oct. 31</u>	
<u>Week Ending</u>				North East	155	160
				Great Lakes	544	569
November 7, 2020	1,573	1.0	71.1	Midwest	162	173
November 7, 2019	1,823	-13.7	78.8	Southern	639	583
October 31, 2020	1,557	1.0	70.4	Western	<u>73</u>	<u>72</u>
				Total	1,573	1,557
<u>Year-to-Date +</u>						
November 7, 2020	67,379	-18.8	66.8			
November 7, 2019	82,977	-	80.0			

*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.

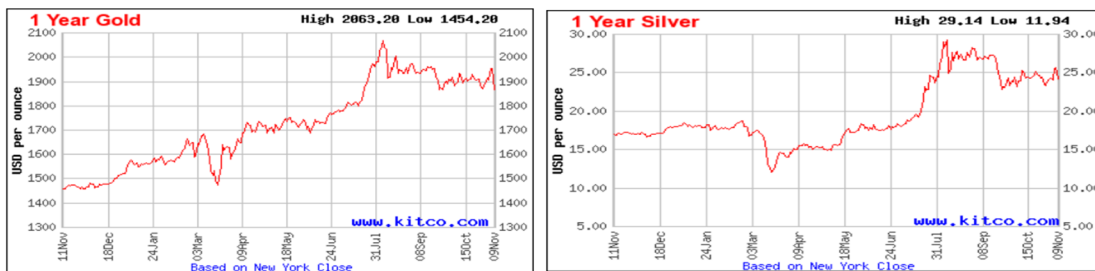
NOTE: Capacity for the fourth quarter 2020 is approximately 29.1 million net tons vs. 30.4 million net tons for the same period last year, and 29.4 million tons for the third quarter of 2020.



*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 45, 2020 – Ended November 7, 2020

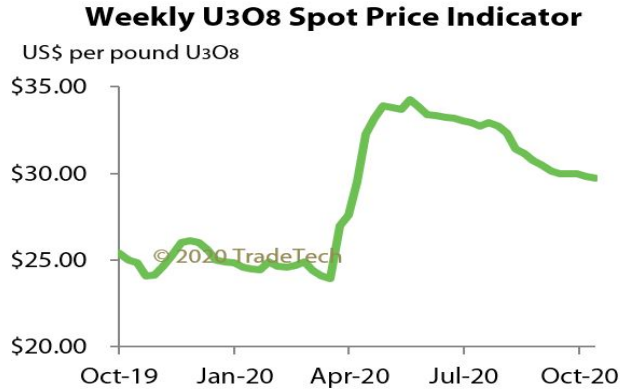
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	228,282	-8.4%	9,708,857	215,752	-14.4%
Chemicals	32,636	5.9%	1,380,165	30,670	-4.6%
Coal	58,987	-21.8%	2,589,720	57,549	-26.2%
Farm Products excl. Grain, and Food	16,419	3.8%	693,656	15,415	-1.1%
Forest Products	9,553	-2.1%	417,875	9,286	-5.7%
Grain	27,426	25.5%	982,534	21,834	1.3%
Metallic Ores and Metals	17,522	-21.7%	811,801	18,040	-17.4%
Motor Vehicles and Parts	15,146	-9.6%	565,213	12,560	-22.0%
Nonmetallic Minerals	30,338	-7.4%	1,345,456	29,899	-13.8%
Petroleum and Petroleum Products	10,396	-17.5%	493,725	10,972	-13.3%
Other	9,859	-9.9%	428,712	9,527	-0.9%
Total Intermodal Units	293,746	10.3%	11,497,980	255,511	-4.1%
Total Traffic	522,028	1.3%	21,206,837	471,263	-9.1%

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.

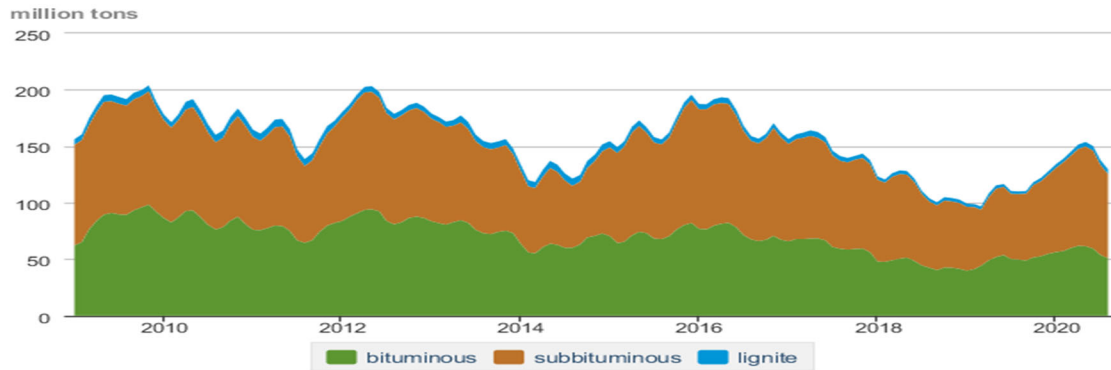
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

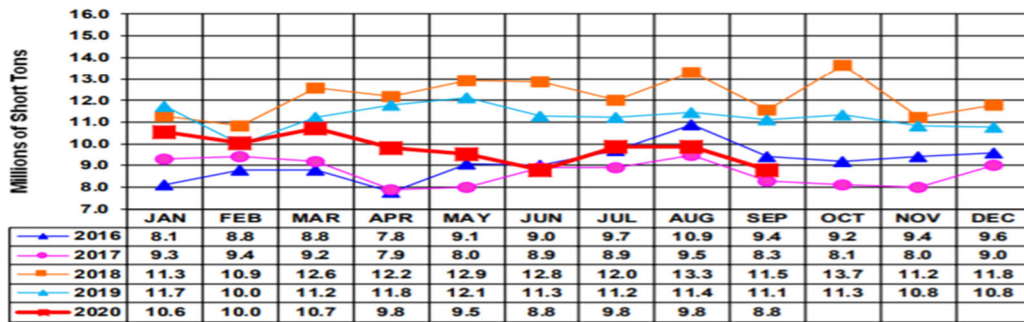
Coal stocks by type, January 2009 - August 2020



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.

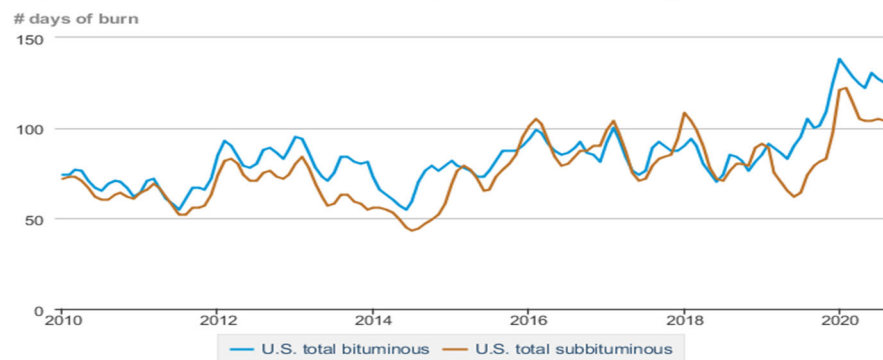
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	10/09/20	10/16/20	10/23/20	10/30/20	11/06/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$59.50	\$59.50	\$59.50	\$51.20	\$51.20	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$42.45	\$42.45	\$42.45	\$42.50	\$42.50	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.05	\$34.05	\$34.05	\$34.10	\$34.10	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.75	\$11.75	\$11.75	\$11.65	\$11.65	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.10	\$29.10	\$29.10	\$30.05	\$30.05	\$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 - August 2020



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Oct 29)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	100	-23	7	0	0	0
Middle Atlantic	82	-31	10	0	0	0
E N Central	145	22	17	1	0	1
W N Central	221	95	35	0	-1	0
South Atlantic	24	-43	-11	43	24	5
E S Central	34	-32	-13	15	11	12
W S Central	76	43	14	13	-6	5
Mountain	181	64	1	5	0	1
Pacific	52	2	1	0	-3	-11
United States	103	12	9	11	4	1

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	August 2020		August 2019		% Change of Stocks	July 2020		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,691	278	3,831	189	-3.7%	3,669	271	0.6%
	Subbituminous	160	185	162	181	-1.2%	160	213	0.0%
South	Bituminous	19,740	114	22,765	112	-13.3%	22,187	115	-11.0%
	Subbituminous	5,936	76	4,455	54	33.2%	6,712	77	-11.6%
Midwest	Bituminous	13,059	115	10,180	87	28.3%	13,674	119	-4.5%
	Subbituminous	27,509	125	21,385	87	28.6%	29,169	128	-5.7%
West	Bituminous	3,910	163	3,888	84	0.6%	3,598	149	8.7%
	Subbituminous	24,495	92	20,266	68	20.9%	27,077	94	-9.5%
U.S. Total	Bituminous	40,400	125	40,664	105	-0.6%	43,127	127	-6.3%
	Subbituminous	58,099	104	46,268	74	25.6%	63,118	105	-8.0%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

Working gas in underground storage

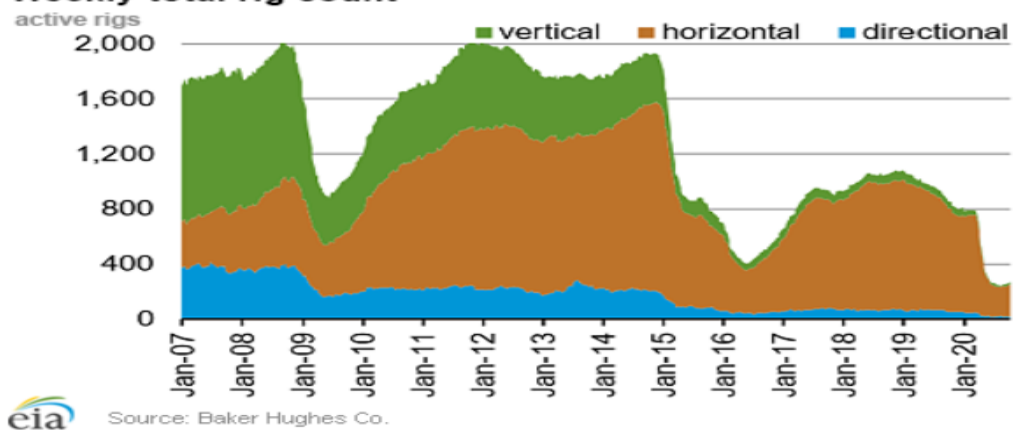
Region	Stocks billion cubic feet (Bcf)		
	2020-10-30	2020-10-23	change
East	947	941	6
Midwest	1,119	1,118	1
Mountain	240	245	-5
Pacific	320	323	-3
South Central	1,293	1,329	-36
Total	3,919	3,955	-36

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: 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*