
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

November 20, 2020 Edition
(Data for Week Ending November 14, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 46
Dated 11/20/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	11/14/20	11/16/19	% Chng	11/14/20	11/14/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,687	12,665	-15.6%	467,540	624,512	-25.1%
52 Weeks Ended	545,791	718,682	-24.1%			
AAR Coal Rail Cars Loaded:	60,414	72,611	-16.8%	2,620,048	3,539,264	-26.0%
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		
	11/14/20	11/16/19	% Chng	11/14/20	11/16/19	% Chng
EI Electric Total Output (Mil. Kwh)	69,222	76,452	-9.5%	3,478,659	3,594,949	-3.2%
EI Coal Region Output (Mil. Kwh)	59,292	66,503	-10.8%	3,006,474	3,116,612	-3.5%
AISI Raw Steel Output (000 Tons)	1,580	1,823	-13.3%	68,959	84,800	-18.7%

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)	
	11/13/20	11/06/20	% Chng	Wed.	11/11/20
Central App, 12,500 Btu, 1.2 SO ₂	\$52.75	\$51.20	3.0%	Henry Hub	2.77
Northern App, 13,000 Btu, < 3.0 SO ₂	43.80	42.50	3.1%	New York	1.48
Illinois Basin, 11,800, 5.0 SO ₂	34.10	34.10	0.0%	Chicago	2.58
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.60	11.65	-0.4%	Cal.Comp.Avg.	3.59
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.95	30.05	-0.3%		

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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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		
	11/14/2020 (week 46)	11/7/2020 (week 45)	11/16/2019 (week 46)	11/14/2020	11/14/2019	% Change	11/14/2020	11/16/2019	% Change
Alabama	207	206	229	10,408	12,645	-17.7	11,822	14,432	-18.1
Alaska	21	18	19	852	855	-0.3	967	997	-3.0
Arizona	3,843	-100.0	.	4,600	.
Colorado	188	183	220	8,536	11,449	-25.4	9,893	13,082	-24.4
Illinois	558	556	702	27,675	41,362	-33.1	32,012	47,354	-32.4
Indiana	392	390	540	18,180	28,073	-35.2	21,514	32,493	-33.8
Kentucky Total	452	439	586	20,472	32,325	-36.7	24,095	37,111	-35.1
Eastern (KY)	146	146	212	7,177	12,502	-42.6	8,487	14,495	-41.4
Western (KY)	306	293	374	13,296	19,822	-32.9	15,609	22,617	-31.0
Louisiana	28	25	25	1,036	1,375	-24.6	1,192	1,520	-21.6
Maryland	24	23	27	1,054	1,297	-18.7	1,220	1,470	-17.0
Mississippi	45	44	45	2,191	2,404	-8.8	2,472	2,730	-9.5
Missouri	3	3	3	133	169	-21.6	152	201	-24.4
Montana	576	565	639	24,686	30,342	-18.6	28,633	35,646	-19.7
New Mexico	209	203	260	9,377	12,856	-27.1	10,984	14,801	-25.8
North Dakota	533	523	536	22,475	23,534	-4.5	25,788	27,117	-4.9
Ohio	78	80	125	3,673	6,970	-47.3	4,447	8,159	-45.5
Oklahoma	1	2	4	46	204	-77.5	68	249	-72.7
Pennsylvania Total	773	746	959	32,095	43,886	-26.9	38,019	50,109	-24.1
Anthracite (PA)	59	56	59	2,133	2,230	-4.3	2,498	2,487	0.4
Bituminous (PA)	713	690	900	29,962	41,656	-28.1	35,521	47,622	-25.4
Tennessee	9	9	9	274	381	-28.2	326	409	-20.3
Texas	371	362	410	15,926	20,658	-22.9	18,459	23,418	-21.2
Utah	237	218	243	10,720	12,835	-16.5	12,223	14,516	-15.8
Virginia	212	197	217	8,915	11,068	-19.5	10,255	12,659	-19.0
West Virginia Total	1,281	1,269	1,618	58,801	82,973	-29.1	68,801	94,412	-27.1
Northern (WV)	655	654	844	30,246	41,625	-27.3	35,463	47,456	-25.3
Southern (WV)	625	616	774	28,555	41,348	-30.9	33,338	46,956	-29.0
Wyoming	4,492	4,372	5,249	190,014	243,008	-21.8	222,449	281,197	-20.9
Appalachian Total	2,729	2,677	3,396	122,396	171,722	-28.7	143,377	196,145	-26.9
Interior Total	1,704	1,675	2,103	78,483	114,069	-31.2	91,478	130,582	-29.9
Western Total	6,255	6,083	7,166	266,661	338,721	-21.3	310,936	391,955	-20.7
East of Mississippi River	4,029	3,959	5,057	183,738	263,384	-30.2	214,984	301,339	-28.7
West of Mississippi River	6,658	6,475	7,608	283,802	361,128	-21.4	330,807	417,344	-20.7
Bituminous and Lignite	10,628	10,378	12,606	465,407	622,282	-25.2	543,293	716,195	-24.1
Anthracite	59	56	59	2,133	2,230	-4.3	2,498	2,487	0.4
U.S. Total	10,687	10,435	12,665	467,540	624,512	-25.1	545,791	718,682	-24.1
Railroad Cars Loaded	60,414	58,987	72,611	2,620,048	3,539,264	-26.0	3,071,058	4,091,612	-24.9

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 46

OUTPUT FOR WEEK ENDED - Nov 14, 2020

Nov 18, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Nov 14, 2020** was **69,222** 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 November 14		52 Weeks Ended November 14	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,003	-11.7	114,783	-2.1
Mid-Atlantic	6,862	-15.5	411,490	-4.1
Central Industrial	11,018	-14.7	632,586	-4.6
West Central	5,824	-9.8	321,611	-2.7
Southeast	17,152	-12.1	981,496	-5.1
South Central	13,176	-7.6	755,200	-1.8
Rocky Mountain	5,260	0.6	287,566	1.7
Pacific Northwest	3,266	10.7	154,421	-1.8
Pacific Southwest	4,661	-1.5	267,426	-0.1
Total United States	69,222	-9.5	3,926,579	-3.1

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
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 14	69,222	Nov 16	76,452	-9.5	Nov 14	3,926,579	-3.1
Nov 14	3,478,659	Nov 16	3,594,949	-3.2	YEAR TO DATE, FIRST 46 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
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
Nov 14	174	Nov 16	195	Nov 17	191

* 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		
	14-Nov 2020 GWh Output	16-Nov 2019 GWh Output	% Increase Over Corresponding Week	14-Nov 2020 GWh Output	16-Nov 2019 GWh Output	% Increase Over Corresponding Week	14-Nov 2020 GWh Output	16-Nov 2019 GWh Output	% Increase Over Corresponding Week
New England	2,003	2,268	-11.7%	100,761	103,113	-2.3%	114,783	117,252	-2.1%
Mid-Atlantic	6,862	8,119	-15.5%	362,111	379,139	-4.5%	411,490	429,126	-4.1%
Central Industrial	11,018	12,918	-14.7%	557,918	585,809	-4.8%	632,586	663,224	-4.6%
West Central	5,824	6,459	-9.8%	284,255	292,515	-2.8%	321,611	330,623	-2.7%
Southeast	17,152	19,522	-12.1%	872,392	918,341	-5.0%	981,496	1,034,496	-5.1%
South Central	13,176	14,256	-7.6%	675,400	690,088	-2.1%	755,200	769,366	-1.8%
Rocky Mountain	5,260	5,229	0.6%	254,398	250,720	1.5%	287,566	282,664	1.7%
Pacific Northwest	3,266	2,951	10.7%	133,637	136,716	-2.3%	154,421	157,190	-1.8%
Pacific Southwest	4,661	4,730	-1.5%	237,787	238,512	-0.3%	267,426	267,633	-0.1%
Total United States ^{1/}	69,222	76,452	-9.5%	3,478,659	3,594,953	-3.2%	3,926,579	4,051,574	-3.1%
Coal Regions Only ^{2/}	59,292	66,503	-10.8%	3,006,474	3,116,612	-3.5%	3,389,949	3,509,499	-3.4%

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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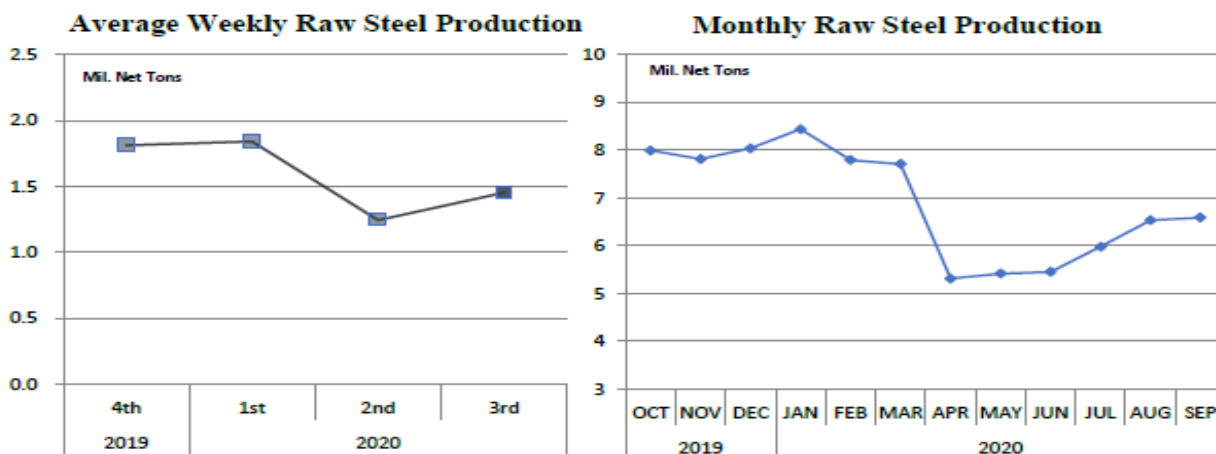
November 16, 2020

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. 14</u>	<u>Week Ending Nov. 7</u>	
<u>Week Ending</u>				North East	147	155
				Great Lakes	556	544
November 14, 2020	1,580	0.4	71.4	Midwest	177	162
November 14, 2020	1,823	-13.3	78.8	Southern	627	639
November 7, 2020	1,573	1.0	71.1	Western	<u>73</u>	<u>73</u>
				Total	1,580	1,573
<u>Year-to-Date +</u>						
November 14, 2020	68,959	-18.7	66.9			
November 14, 2020	84,800	-	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 46, 2020 – Ended November 14, 2020

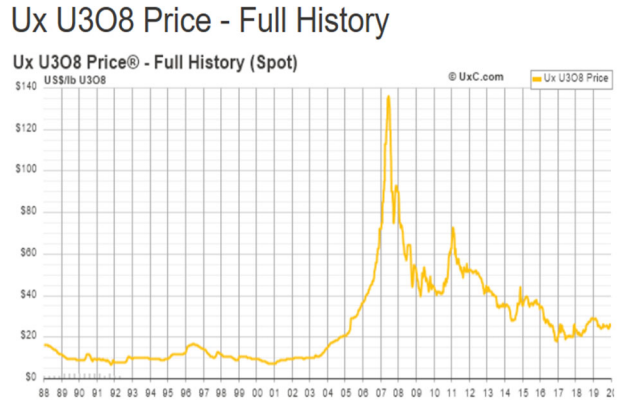
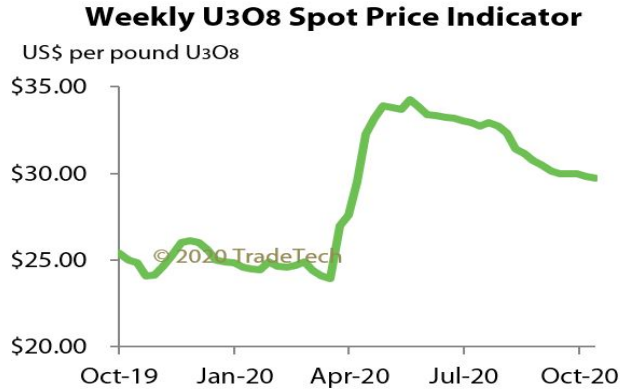
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	232,146	-3.1%	9,941,003	216,109	-14.1%
Chemicals	31,932	1.7%	1,412,097	30,698	-4.4%
Coal	60,414	-16.7%	2,650,134	57,612	-26.0%
Farm Products excl. Grain, and Food	16,384	6.8%	710,040	15,436	-0.9%
Forest Products	9,234	1.9%	427,109	9,285	-5.6%
Grain	29,123	30.4%	1,011,657	21,993	2.0%
Metallic Ores and Metals	19,581	3.1%	831,382	18,074	-17.1%
Motor Vehicles and Parts	15,490	-2.8%	580,703	12,624	-21.6%
Nonmetallic Minerals	29,067	-3.7%	1,374,523	29,881	-13.6%
Petroleum and Petroleum Products	10,744	-23.0%	504,469	10,967	-13.5%
Other	10,177	3.7%	438,889	9,541	-0.8%
Total Intermodal Units	295,316	12.9%	11,793,296	256,376	-3.7%
Total Traffic	527,462	5.2%	21,734,299	472,485	-8.8%

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.

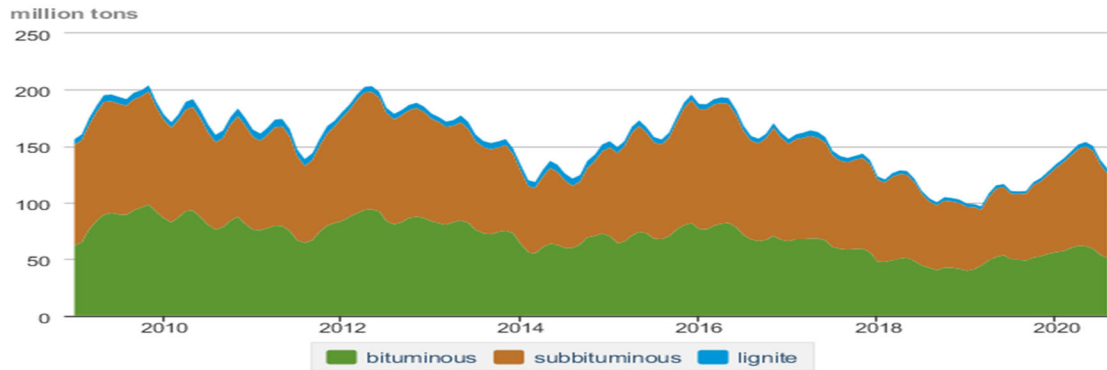
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

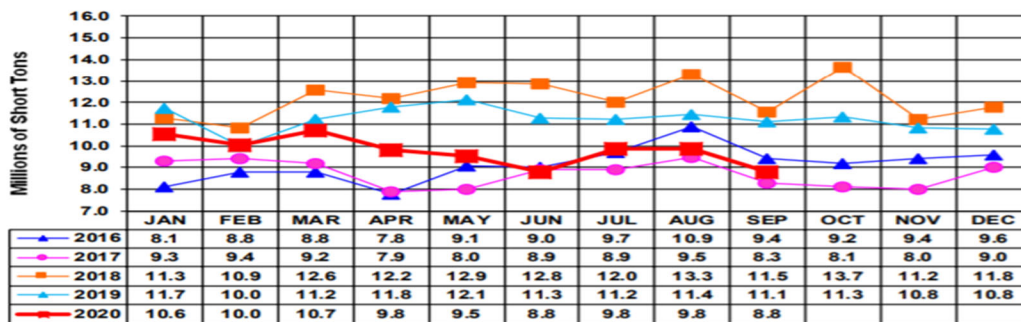
Coal stocks by type, January 2009 - August 2020



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.

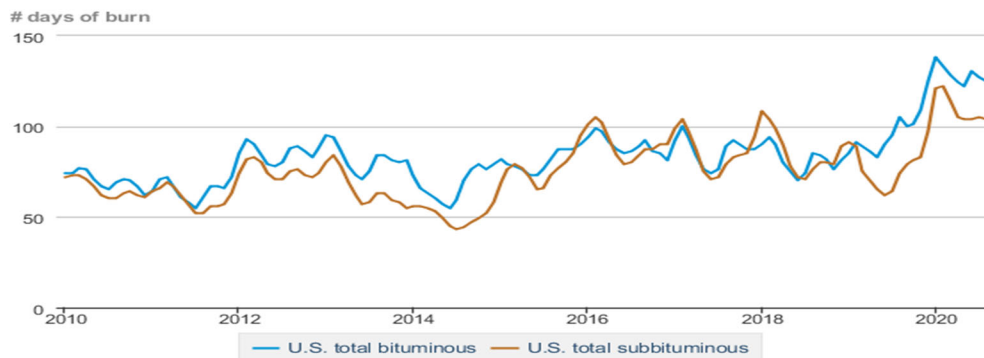
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	10/16/20	10/23/20	10/30/20	11/06/20	11/13/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$59.50	\$59.50	\$51.20	\$51.20	\$52.75	\$1.55
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$42.45	\$42.45	\$42.50	\$42.50	\$43.80	\$1.30
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.05	\$34.05	\$34.10	\$34.10	\$34.10	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.75	\$11.75	\$11.65	\$11.65	\$11.60	\$-0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.10	\$29.10	\$30.05	\$30.05	\$29.95	\$-0.10

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 Nov 05)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	172	37	48	0	0	0
Middle Atlantic	143	17	16	0	0	0
E N Central	135	-5	-43	0	0	0
W N Central	119	-30	-80	0	0	0
South Atlantic	90	11	0	17	1	-11
E S Central	95	16	-18	0	-3	-1
W S Central	53	8	-29	6	-7	-3
Mountain	80	-56	-78	11	7	7
Pacific	14	-47	-33	4	2	4
United States	97	-10	-28	5	0	-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



eia 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

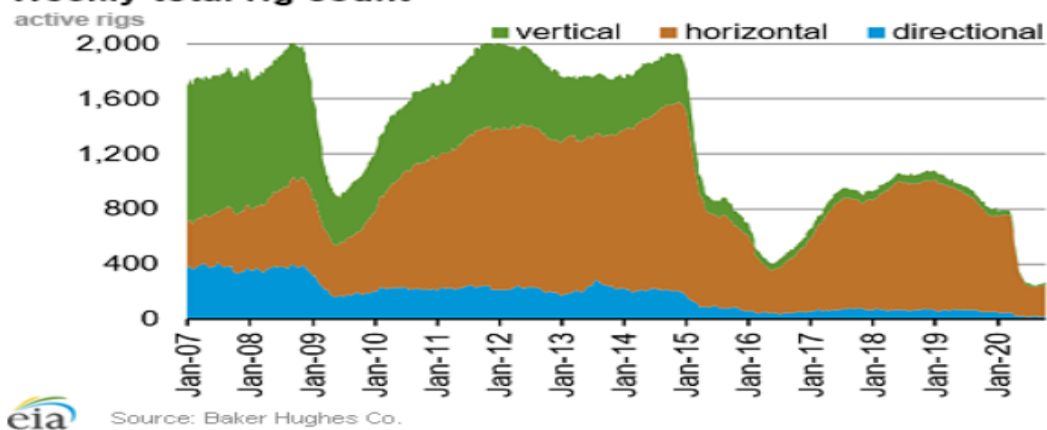
Region	Stocks billion cubic feet (Bcf)		
	2020-11-06	2020-10-30	change
East	942	947	-5
Midwest	1,127	1,119	8
Mountain	243	240	3
Pacific	322	320	2
South Central	1,293	1,293	0
Total	3,927	3,919	8

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		
	November 2020	December 2020	change	November 2020	December 2020	change
Anadarko	1,003	953	(50)	6,248	5,936	(312)
Appalachia	173	175	2	26,700	26,727	27
Bakken	2,300	1,917	(383)	3,036	2,588	(448)
Eagle Ford	2,521	2,496	(25)	7,944	7,150	(794)
Haynesville	20	20	-	11,235	11,237	2
Niobrara	2,044	2,024	(20)	5,591	5,535	(56)
Permian	1,282	1,217	(65)	2,199	2,089	(110)
Rig-weighted average	1,033	1,039	6	7,545	7,258	(287)

Source: Energy Information Administration, *Drilling Productivity Report*