
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

November 27, 2020 Edition
(Data for Week Ending November 21, 2020)

Prepared by
National Mining Association



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

NMA Weekly Statistical Summary

Vol. 58, No. 47
Dated 11/27/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	11/21/20	11/23/19	% Chng	11/21/20	11/21/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,151	13,231	-15.7%	478,691	637,585	-24.9%
52 Weeks Ended	543,710	717,863	-24.3%			
AAR Coal Rail Cars Loaded:	63,022	75,859	-16.9%	2,683,080	3,614,214	-25.8%
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		
	11/21/20	11/23/19	% Chng	11/21/20	11/23/19	% Chng
EI Electric Total Output (Mil. Kwh)	69,338	71,732	-3.3%	3,547,997	3,666,681	-3.2%
EI Coal Region Output (Mil. Kwh)	59,536	61,540	-3.3%	3,066,010	3,178,152	-3.5%
AISI Raw Steel Output (000 Tons)	1,582	1,823	-13.2%	70,541	86,623	-18.6%

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)	
	11/20/20	11/13/20	% Chng	Wed.	11/18/20
Central App, 12,500 Btu, 1.2 SO ₂	\$52.75	\$52.75	0.0%	Henry Hub	2.36
Northern App, 13,000 Btu, < 3.0 SO ₂	43.80	43.80	0.0%	New York	1.70
Illinois Basin, 11,800, 5.0 SO ₂	34.10	34.10	0.0%	Chicago	2.08
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.60	11.60	0.0%	Cal.Comp.Avg.	3.16
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.95	29.95	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		
	11/21/2020 (week 47)	11/14/2020 (week 46)	11/23/2019 (week 47)	11/21/2020	11/21/2019	% Change	11/21/2020	11/23/2019	% Change
Alabama	230	207	239	10,637	12,882	-17.4	11,813	14,404	-18.0
Alaska	19	21	19	871	874	-0.3	967	995	-2.8
Arizona	3,843	-100.0	.	4,483	.
Colorado	195	188	229	8,731	11,676	-25.2	9,858	13,068	-24.6
Illinois	600	558	733	28,275	42,087	-32.8	31,878	47,189	-32.4
Indiana	420	392	564	18,601	28,630	-35.0	21,371	32,395	-34.0
Kentucky Total	465	452	613	20,938	32,930	-36.4	23,948	37,007	-35.3
Eastern (KY)	156	146	221	7,332	12,721	-42.4	8,421	14,416	-41.6
Western (KY)	310	306	391	13,606	20,209	-32.7	15,527	22,591	-31.3
Louisiana	26	28	26	1,062	1,401	-24.2	1,191	1,525	-21.9
Maryland	25	24	28	1,079	1,325	-18.6	1,217	1,472	-17.3
Mississippi	47	45	48	2,238	2,451	-8.7	2,471	2,729	-9.5
Missouri	3	3	3	135	172	-21.5	151	199	-24.1
Montana	595	576	667	25,282	31,001	-18.4	28,561	35,518	-19.6
New Mexico	220	209	272	9,597	13,125	-26.9	10,932	14,783	-26.1
North Dakota	583	533	560	23,058	24,087	-4.3	25,811	27,145	-4.9
Ohio	86	78	131	3,759	7,099	-47.1	4,402	8,111	-45.7
Oklahoma	2	1	4	48	208	-76.9	66	246	-73.2
Pennsylvania Total	810	773	1,002	32,905	44,876	-26.7	37,827	50,187	-24.6
Anthracite (PA)	61	59	62	2,194	2,291	-4.2	2,497	2,511	-0.6
Bituminous (PA)	749	713	940	30,711	42,585	-27.9	35,330	47,676	-25.9
Tennessee	10	9	9	283	390	-27.3	327	414	-21.0
Texas	383	371	428	16,309	21,081	-22.6	18,414	23,437	-21.4
Utah	231	237	254	10,951	13,086	-16.3	12,200	14,520	-16.0
Virginia	206	212	227	9,121	11,292	-19.2	10,235	12,648	-19.1
West Virginia Total	1,366	1,281	1,691	60,168	84,643	-28.9	68,476	94,400	-27.5
Northern (WV)	709	655	882	30,955	42,497	-27.2	35,290	47,471	-25.7
Southern (WV)	657	625	809	29,212	42,147	-30.7	33,186	46,929	-29.3
Wyoming	4,629	4,492	5,484	194,643	248,426	-21.6	221,593	280,989	-21.1
Appalachian Total	2,888	2,729	3,548	125,284	175,227	-28.5	142,717	196,053	-27.2
Interior Total	1,790	1,704	2,197	80,273	116,240	-30.9	91,071	130,310	-30.1
Western Total	6,473	6,255	7,486	273,134	346,118	-21.1	309,922	391,500	-20.8
East of Mississippi River	4,264	4,029	5,283	188,003	268,604	-30.0	213,965	300,957	-28.9
West of Mississippi River	6,886	6,658	7,948	290,688	368,981	-21.2	329,745	416,906	-20.9
Bituminous and Lignite	11,090	10,628	13,170	476,497	635,294	-25.0	541,213	715,352	-24.3
Anthracite	61	59	62	2,194	2,291	-4.2	2,497	2,511	-0.6
U.S. Total	11,151	10,687	13,231	478,691	637,585	-24.9	543,710	717,863	-24.3
Railroad Cars Loaded	63,032	60,414	75,859	2,683,080	3,614,214	-25.8	3,058,231	4,085,350	-25.1

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 47

OUTPUT FOR WEEK ENDED - Nov 21, 2020

Nov 25, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Nov 21, 2020** was **69,338** 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 November 21		52 Weeks Ended November 21	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,141	-5.2	114,665	-2.1
Mid-Atlantic	7,354	-7.5	410,892	-4.2
Central Industrial	11,446	-7.0	631,728	-4.8
West Central	5,869	-3.8	321,380	-2.8
Southeast	17,326	-0.8	981,363	-5.1
South Central	12,711	-0.6	755,130	-1.9
Rocky Mountain	4,830	-2.3	287,453	1.6
Pacific Northwest	3,003	-3.1	154,324	-1.8
Pacific Southwest	4,658	-3.6	267,251	-0.2
Total United States	69,338	-3.3	3,924,184	-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 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 21	69,338	Nov 23	71,732	-3.3	Nov 21	3,924,184	-3.1
Nov 21	3,547,997	Nov 23	3,666,681	-3.2	YEAR TO DATE, FIRST 47 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
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
Nov 21	177	Nov 23	185	Nov 24	178

* Excludes Alaska and Hawaii.

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

Copyright © 2020 Edison Electric Institute. All rights reserved.

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	21-Nov 2020 GWh Output	23-Nov 2019 GWh Output	% Increase Over Corresponding Week	21-Nov 2020 GWh Output	23-Nov 2019 GWh Output	% Increase Over Corresponding Week	21-Nov 2020 GWh Output	23-Nov 2019 GWh Output	% Increase Over Corresponding Week
New England	2,141	2,259	-5.2%	102,902	105,372	-2.3%	114,665	117,155	-2.1%
Mid-Atlantic	7,354	7,952	-7.5%	369,465	387,091	-4.6%	410,892	428,853	-4.2%
Central Industrial	11,446	12,304	-7.0%	569,364	598,113	-4.8%	631,728	663,332	-4.8%
West Central	5,869	6,100	-3.8%	290,124	298,615	-2.8%	321,380	330,752	-2.8%
Southeast	17,326	17,459	-0.8%	889,718	935,800	-4.9%	981,363	1,033,733	-5.1%
South Central	12,711	12,782	-0.6%	688,111	702,870	-2.1%	755,130	769,446	-1.9%
Rocky Mountain	4,830	4,943	-2.3%	259,228	255,663	1.4%	287,453	282,983	1.6%
Pacific Northwest	3,003	3,100	-3.1%	136,640	139,816	-2.3%	154,324	157,168	-1.8%
Pacific Southwest	4,658	4,833	-3.6%	242,445	243,345	-0.4%	267,251	267,748	-0.2%
Total United States ^{1/}	<u>69,338</u>	<u>71,732</u>	-3.3%	<u>3,547,997</u>	<u>3,666,685</u>	-3.2%	3,924,186	4,051,170	-3.1%
Coal Regions Only ^{2/}	59,536	61,540	-3.3%	3,066,010	3,178,152	-3.5%	3,387,946	3,509,099	-3.5%

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*.

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

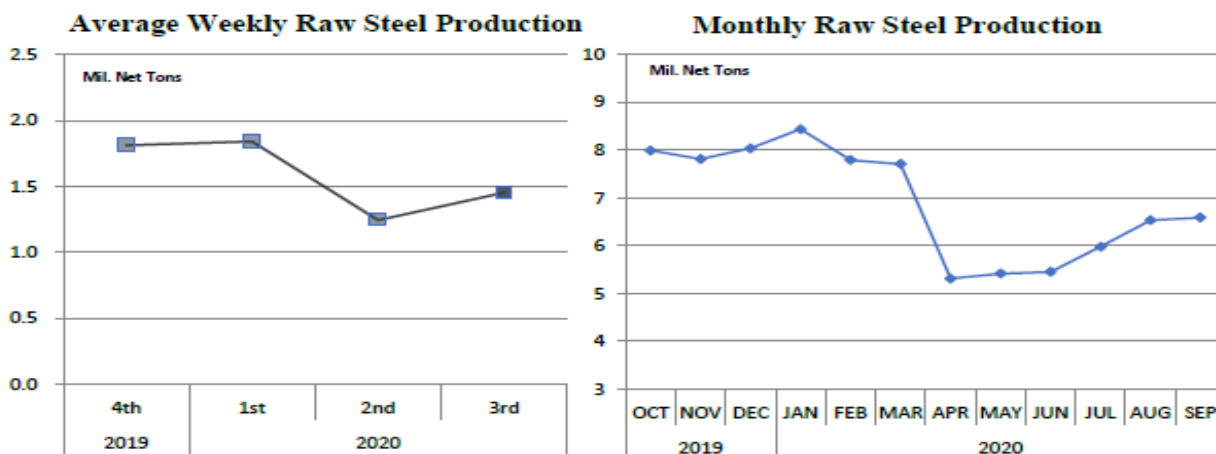
November 23, 2020

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. 21</u>	<u>Week Ending Nov. 14</u>	
<u>Week Ending</u>				North East	136	147
				Great Lakes	541	556
November 21, 2020	1,582	0.1	71.5	Midwest	170	177
November 21, 2020	1,823	-13.2	78.8	Southern	665	627
November 14, 2020	1,580	0.4	71.4	Western	<u>70</u>	<u>73</u>
				Total	1,582	1,580
<u>Year-to-Date +</u>						
November 21, 2020	70,541	-18.6	67.0			
November 21, 2020	86,623	-	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



U.S. Rail Traffic¹

Week 47, 2020 – Ended November 21, 2020

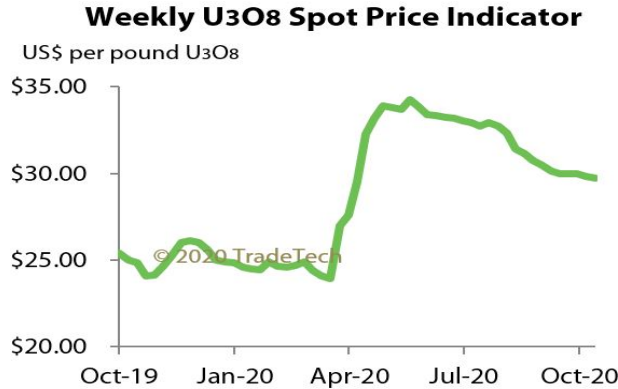
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	233,478	-7.2%	10,174,481	216,478	-14.0%
Chemicals	32,721	2.9%	1,444,818	30,741	-4.3%
Coal	63,032	-16.7%	2,713,166	57,727	-25.8%
Farm Products excl. Grain, and Food	16,890	9.9%	726,930	15,467	-0.7%
Forest Products	9,505	-0.5%	436,614	9,290	-5.5%
Grain	25,187	13.4%	1,036,844	22,061	2.2%
Metallic Ores and Metals	19,680	-14.5%	851,062	18,108	-17.0%
Motor Vehicles and Parts	15,582	-12.3%	596,285	12,687	-21.4%
Nonmetallic Minerals	29,888	-9.6%	1,404,411	29,881	-13.5%
Petroleum and Petroleum Products	10,908	-14.9%	515,377	10,965	-13.6%
Other	10,085	-2.4%	448,974	9,553	-0.8%
Total Intermodal Units	301,129	11.5%	12,094,425	257,328	-3.4%
Total Traffic	534,607	2.5%	22,268,906	473,807	-8.5%

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.

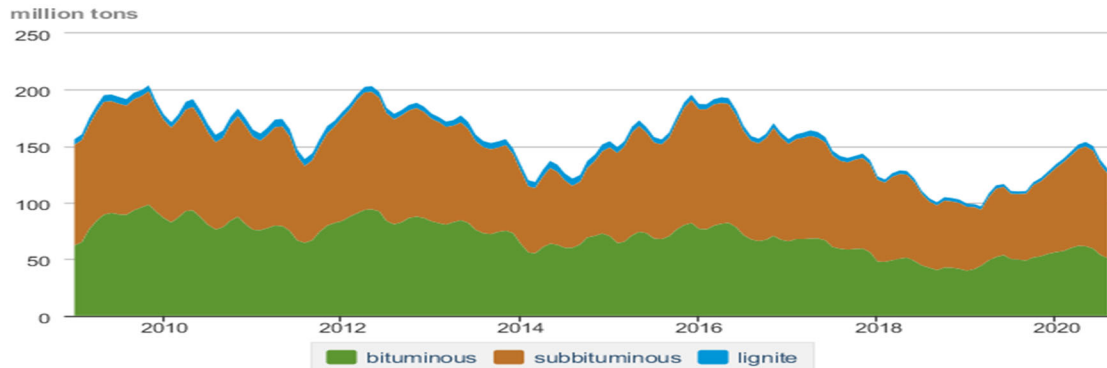
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

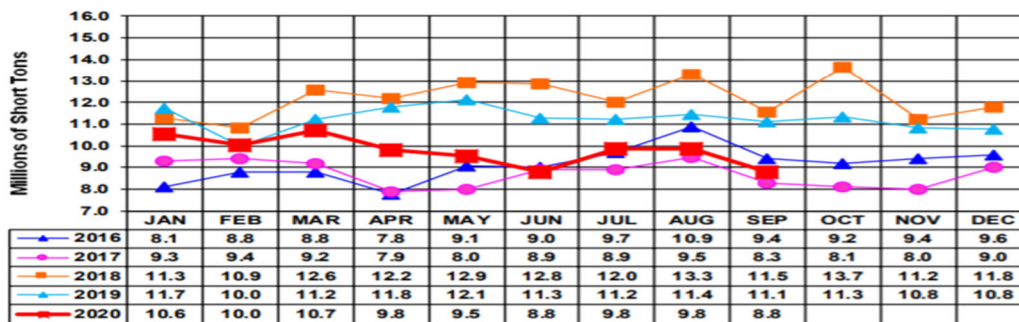
Coal stocks by type, January 2009 - August 2020



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.

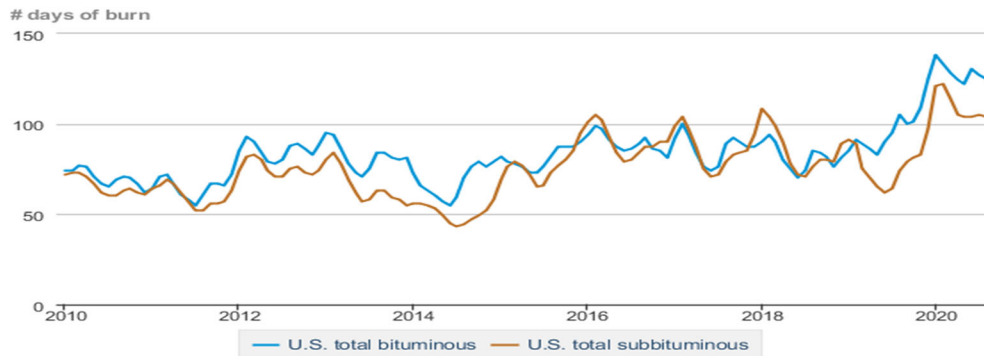
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

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

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	50	-99	-155	0	0	0
Middle Atlantic	48	-92	-151	0	0	0
E N Central	69	-89	-186	1	1	1
W N Central	108	-66	-158	0	0	0
South Atlantic	23	-68	-108	35	20	19
E S Central	29	-64	-129	10	8	10
W S Central	20	-38	-92	29	20	26
Mountain	163	7	28	3	1	-3
Pacific	118	43	88	0	-1	0
United States	73	-49	-94	11	7	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



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	September 2020		September 2019		% Change of Stocks	August 2020		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,910	284	3,897	191	0.3%	3,691	278	5.9%
	Subbituminous	160	159	162	159	-1.2%	160	185	0.0%
South	Bituminous	17,908	105	21,293	104	-15.9%	19,740	114	-9.3%
	Subbituminous	6,060	83	4,676	61	29.6%	5,936	76	2.1%
Midwest	Bituminous	13,327	112	10,242	85	30.1%	13,059	115	2.1%
	Subbituminous	28,696	125	22,369	93	28.3%	27,509	125	4.3%
West	Bituminous	3,815	160	3,408	73	11.9%	3,910	163	-2.4%
	Subbituminous	23,383	92	20,078	72	16.5%	24,495	92	-4.5%
U.S. Total	Bituminous	38,960	116	38,840	100	0.3%	40,400	125	-3.6%
	Subbituminous	58,299	105	47,285	79	23.3%	58,099	104	0.3%

Source: Energy Information Administration, *Electricity Monthly Update*

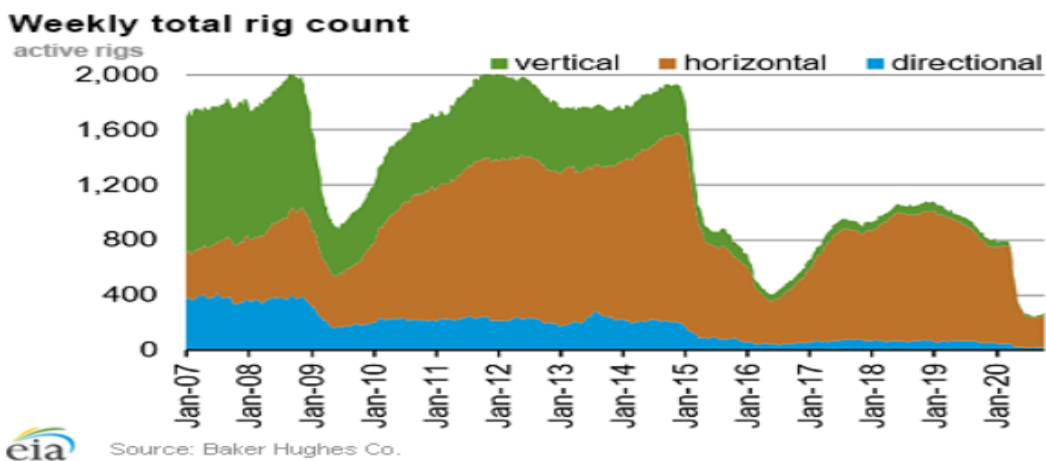
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2020-11-13	2020-11-06	change
East	953	942	11
Midwest	1,139	1,127	12
Mountain	241	243	-2
Pacific	319	322	-3
South Central	1,306	1,293	13
Total	3,958	3,927	31

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		
	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*