
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

August 28, 2020 Edition
(Data for Week Ending August 22, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 34
Dated 08/28/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	08/22/20	08/24/19	% Chng	08/22/20	08/22/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,336	14,146	-19.9%	338,724	463,425	-26.9%
52 Weeks Ended	577,648	736,252	-21.5%			
AAR Coal Rail Cars Loaded:	64,500	81,319	-20.7%	1,899,873	2,612,434	-27.3%
DOC Coal Trade (000 Tons)						
Exports:						
	June 20/19		% Chng	Jan - June 20/19		% Chng
Metallurgical	2,575	5,189	-50.4%	20,673	29,005	-28.7%
Steam Bit. *	2,000	2,747	-27.2%	13,970	21,383	-34.7%
Lignite	7	8	-12.5%	47	47	0.0%
Anthracite	2	7	-71.4%	94	121	-22.3%
Total	4,584	7,951	-42.3%	34,784	50,556	-31.2%
Imports:						
	284	660	-57.0%	2,485	3,293	-24.5%
EI Electric Total Output (Mil. Kwh)						
	Week Ended		% Chng	Cumulative Week 1 to		% Chng
	08/22/20	08/24/19	% Chng	08/22/20	08/24/19	% Chng
EI Electric Total Output (Mil. Kwh)	86,400	89,601	-3.6%	2,594,377	2,678,478	-3.1%
EI Coal Region Output (Mil. Kwh)	73,898	78,218	-5.5%	2,245,068	2,322,237	-3.3%
AISI Raw Steel Output (000 Tons)	1,412	1,841	-23.3%	50,245	63,076	-20.3%

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)	
	08/21/20	08/14/20	% Chng	Wed.	08/19/20
Central App, 12,500 Btu, 1.2 SO ₂	\$55.50	\$55.50	0.0%	Henry Hub	2.36
Northern App, 13,000 Btu, < 3.0 SO ₂	42.45	42.45	0.0%	New York	1.19
Illinois Basin, 11,800, 5.0 SO ₂	34.05	34.05	0.0%	Chicago	2.23
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.60	11.60	0.0%	Cal.Comp.Avg.	3.37
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



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		
	8/22/2020 (week 34)	8/15/2020 (week 33)	8/24/2019 (week 34)	8/22/2020	8/22/2019	% Change	8/22/2020	8/24/2019	% Change
Alabama	214	198	265	7,039	9,682	-27.3	11,406	14,846	-23.2
Alaska	18	16	18	579	632	-8.3	917	1,002	-8.5
Arizona	.	.	45	.	3,595	-100.0	235	5,891	-96.0
Colorado	196	181	259	5,855	8,580	-31.8	10,070	13,412	-24.9
Illinois	663	601	903	20,611	31,782	-35.1	34,472	49,207	-29.9
Indiana	450	413	594	13,850	21,258	-34.8	23,985	33,796	-29.0
Kentucky Total	518	483	693	16,422	24,657	-33.4	27,683	38,475	-28.0
Eastern (KY)	177	168	266	5,600	9,646	-41.9	9,751	15,448	-36.9
Western (KY)	341	315	427	10,822	15,011	-27.9	17,932	23,027	-22.1
Louisiana	28	27	37	884	1,009	-12.4	1,403	1,511	-7.1
Maryland	26	24	29	765	962	-20.4	1,266	1,429	-11.4
Mississippi	44	41	57	1,322	1,793	-26.3	2,210	2,814	-21.5
Missouri	3	2	4	88	127	-30.7	149	219	-32.0
Montana	636	593	825	17,898	21,605	-17.2	30,529	36,477	-16.3
New Mexico	232	216	267	7,532	9,675	-22.2	12,317	14,923	-17.5
North Dakota	447	408	533	14,348	17,074	-16.0	24,122	27,620	-12.7
Ohio	102	96	142	3,192	5,364	-40.5	5,567	8,799	-36.7
Oklahoma	3	3	5	50	155	-67.8	121	344	-64.8
Pennsylvania Total	848	756	889	25,169	32,692	-23.0	42,306	50,166	-15.7
Anthracite (PA)	54	51	50	1,538	1,569	-1.9	2,567	2,277	12.7
Bituminous (PA)	795	706	839	23,630	31,123	-24.1	39,740	47,889	-17.0
Tennessee	10	9	11	251	262	-4.3	421	344	22.4
Texas	376	345	500	11,194	15,214	-26.4	19,147	23,576	-18.8
Utah	217	198	246	7,450	9,884	-24.6	11,903	14,745	-19.3
Virginia	213	198	258	6,705	8,223	-18.5	10,879	12,810	-15.1
West Virginia Total	1,486	1,346	1,797	43,579	62,447	-30.2	74,055	95,533	-22.5
Northern (WV)	746	677	874	21,847	31,264	-30.1	37,416	47,832	-21.8
Southern (WV)	740	669	923	21,732	31,182	-30.3	36,639	47,701	-23.2
Wyoming	4,605	4,183	5,770	133,940	176,754	-24.2	232,482	288,313	-19.4
Appalachian Total	3,078	2,796	3,657	92,300	129,278	-28.6	155,653	199,375	-21.9
Interior Total	1,907	1,747	2,526	58,821	86,348	-31.9	99,419	134,494	-26.1
Western Total	6,351	5,795	7,964	187,602	247,799	-24.3	322,576	402,383	-19.8
East of Mississippi River	4,576	4,166	5,638	138,906	199,121	-30.2	234,252	308,219	-24.0
West of Mississippi River	6,760	6,173	8,509	199,818	264,304	-24.4	343,396	428,033	-19.8
Bituminous and Lignite	11,282	10,288	14,097	337,186	461,856	-27.0	575,081	733,975	-21.6
Anthracite	54	51	50	1,538	1,569	-1.9	2,567	2,277	12.7
U.S. Total	11,336	10,338	14,146	338,724	463,425	-26.9	577,648	736,252	-21.5
Railroad Cars Loaded	64,500	58,871	81,319	1,899,873	2,612,434	-27.3	3,275,265	4,215,922	-22.3

Source: Energy Information Administration

EEI

Weekly Electric Output

Volume 88 No. 34

OUTPUT FOR WEEK ENDED - Aug 22, 2020

Aug 26, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Aug 22, 2020** was **86,400** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **175** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended August 22		52 Weeks Ended August 22	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,345	-12.7	114,750	-4.0
Mid-Atlantic	8,687	-12.8	414,209	-4.9
Central Industrial	13,055	-4.9	639,340	-4.7
West Central	6,958	-0.1	323,294	-2.5
Southeast	20,300	-8.4	994,166	-4.3
South Central	17,559	-5.3	764,797	0.9
Rocky Mountain	7,339	7.1	287,104	2.5
Pacific Northwest	2,857	7.7	155,577	-0.7
Pacific Southwest	7,300	20.8	265,530	-0.7
Total United States	86,400	-3.6	3,958,767	-2.4

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Aug 01	91,602	Aug 03	90,616	1.1	Aug 01	3,964,715	-2.3
Aug 08	85,979	Aug 10	90,200	-4.7	Aug 08	3,960,495	-2.3
Aug 15	91,497	Aug 17	90,024	1.6	Aug 15	3,961,968	-2.3
Aug 22	86,400	Aug 24	89,601	-3.6	Aug 22	3,958,767	-2.4
Aug 22	2,594,377	Aug 24	2,678,478	-3.1	YEAR TO DATE, FIRST 34 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Aug 01	182	Aug 03	181	Aug 04	172
Aug 08	172	Aug 10	181	Aug 11	184
Aug 15	183	Aug 17	185	Aug 18	173
Aug 22	175	Aug 24	186	Aug 25	163

* 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		
	22-Aug 2020 GWh Output	24-Aug 2019 GWh Output	% Increase Over Corresponding Week	22-Aug 2020 GWh Output	24-Aug 2019 GWh Output	% Increase Over Corresponding Week	22-Aug 2020 GWh Output	24-Aug 2019 GWh Output	% Increase Over Corresponding Week
New England	2,345	2,686	-12.7%	75,789	78,174	-3.1%	114,750	119,578	-4.0%
Mid-Atlantic	8,687	9,963	-12.8%	272,792	287,100	-5.0%	414,209	435,761	-4.9%
Central Industrial	13,055	13,733	-4.9%	421,841	442,976	-4.8%	639,340	670,553	-4.7%
West Central	6,958	6,963	-0.1%	212,040	218,617	-3.0%	323,294	331,581	-2.5%
Southeast	20,300	22,166	-8.4%	650,105	683,382	-4.9%	994,166	1,038,963	-4.3%
South Central	17,559	18,542	-5.3%	501,935	507,022	-1.0%	764,797	757,620	0.9%
Rocky Mountain	7,339	6,851	7.1%	186,355	183,140	1.8%	287,104	280,081	2.5%
Pacific Northwest	2,857	2,652	7.7%	102,043	103,968	-1.9%	155,577	156,660	-0.7%
Pacific Southwest	7,300	6,045	20.8%	171,478	174,101	-1.5%	265,530	267,362	-0.7%
Total United States ^{1/}	86,400	89,601	-3.6%	2,594,378	2,678,480	-3.1%	3,958,767	4,058,159	-2.4%
Coal Regions Only ^{2/}	73,898	78,218	-5.5%	2,245,068	2,322,237	-3.3%	3,422,910	3,514,559	-2.6%

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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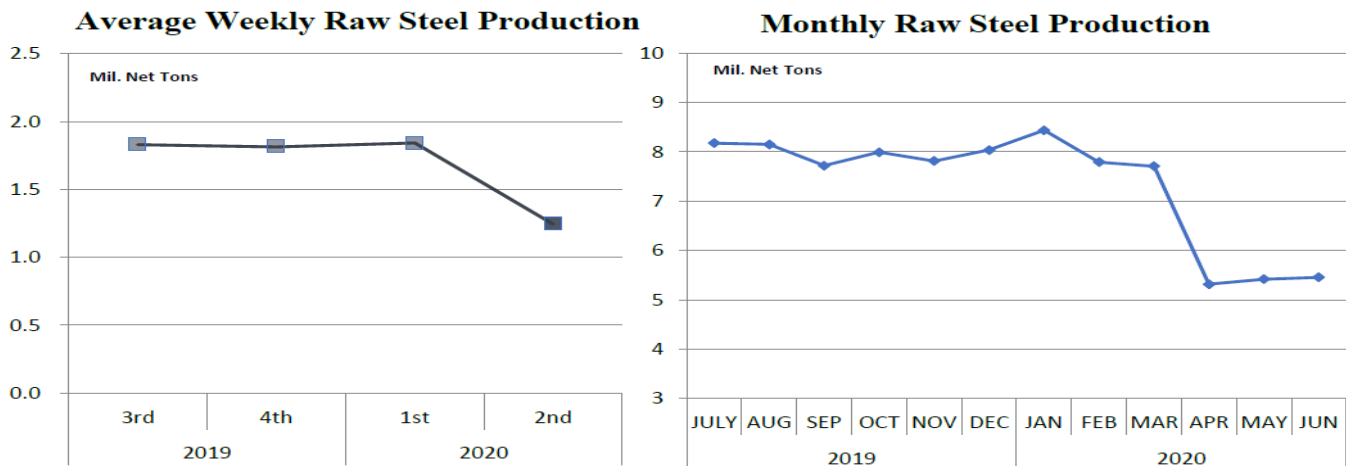
August 24, 2020

ESTIMATED WEEKLY RAW STEEL * PRODUCTION

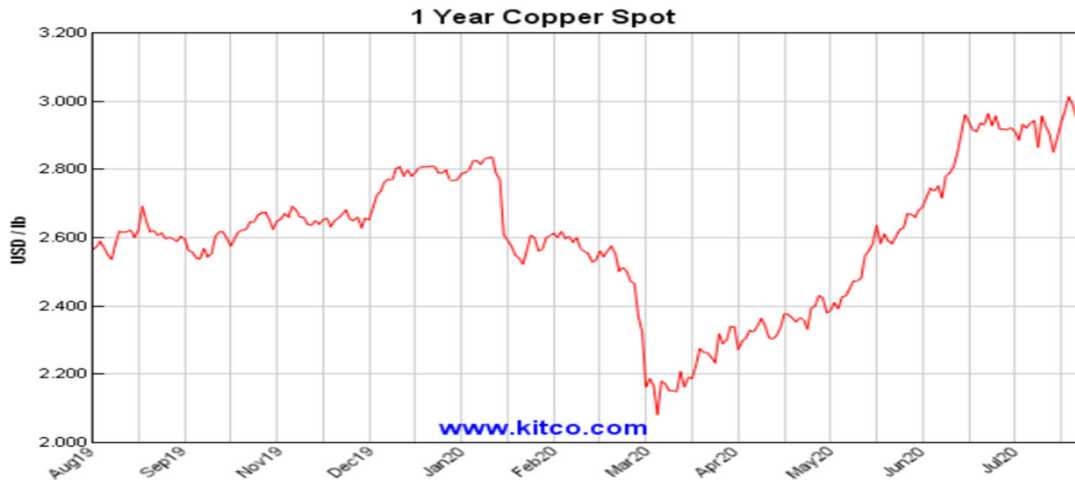
<u>Period</u>	<u>Thousand Net Tons</u>	<u>Percent Change from Previous Period</u>	<u>Percent Capability Utilization**</u>	<u>Production by District</u>		
				<u>Week Ending Aug 22</u>	<u>Week Ending Aug 15</u>	
<u>Week Ending</u>				North East	134	133
				Great Lakes	482	466
August 22, 2020	1,412	2.5	63.0	Midwest	157	159
August 22, 2019	1,841	-23.3	79.1	Southern	567	548
August 15, 2020	1,377	1.7	61.5	Western	<u>72</u>	<u>71</u>
				Total	1,412	1,377
<u>Year-to-Date +</u>						
August 22, 2020	50,245	-20.3	65.8			
August 22, 2019	63,076	-	80.7			

*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 third quarter 2020 is approximately 29.4 million net tons vs. 30.6 million net tons for the same period last year, and 29.1 million tons for the second 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 34, 2020 – Ended August 22, 2020

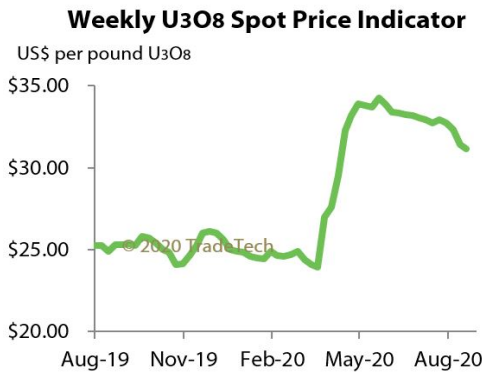
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	229,828	-12.0%	7,222,554	212,428	-16.0%
Chemicals	31,408	-4.2%	1,043,444	30,690	-5.0%
Coal	64,500	-20.8%	1,929,967	56,764	-27.3%
Farm Products excl. Grain, and Food	15,951	4.6%	518,172	15,240	-2.2%
Forest Products	9,541	-2.1%	314,254	9,243	-6.5%
Grain	22,530	7.1%	709,206	20,859	-5.3%
Metallic Ores and Metals	18,981	-11.5%	600,567	17,664	-20.1%
Motor Vehicles and Parts	16,492	-5.3%	389,849	11,466	-29.0%
Nonmetallic Minerals	30,294	-21.8%	1,016,010	29,883	-13.6%
Petroleum and Petroleum Products	10,517	-13.9%	379,959	11,175	-12.3%
Other	9,614	-12.3%	321,126	9,445	-1.1%
Total Intermodal Units	285,086	5.0%	8,327,873	244,937	-8.0%
Total Traffic	514,914	-3.3%	15,550,427	457,366	-11.9%

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.

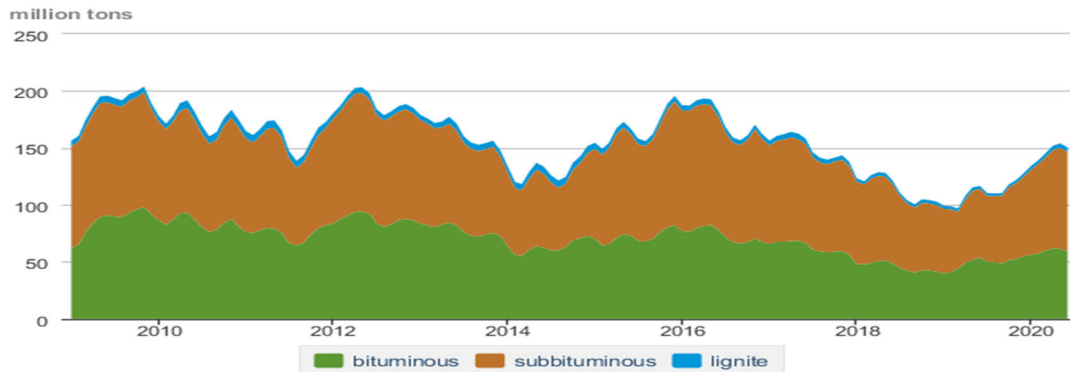
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

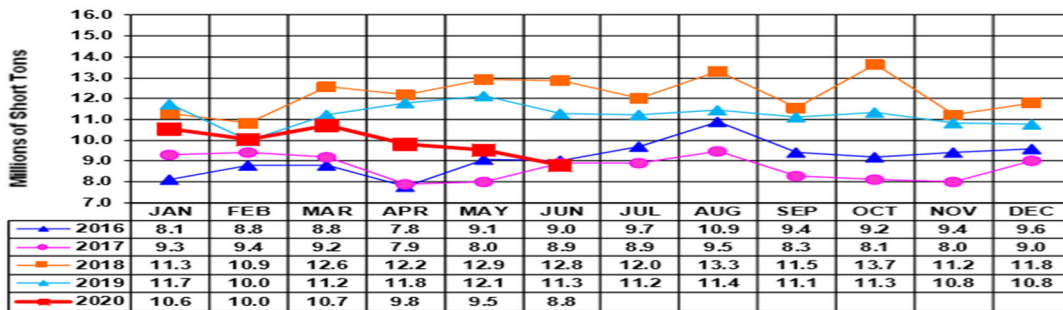
Coal stocks by type, January 2009 - June 2020



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.

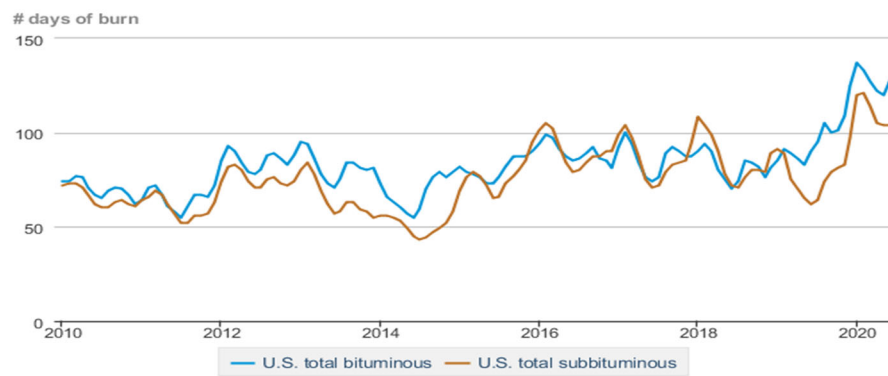
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	07/24/20	07/31/20	08/07/20	08/14/20	08/21/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$50.75	\$50.75	\$55.50	\$55.50	\$55.50	\$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	\$12.00	\$12.00	\$11.60	\$11.60	\$11.60	\$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 - June 2020



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Aug 13)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	0	-3	-1	77	37	38
Middle Atlantic	0	-3	-1	79	25	28
E N Central	2	-3	0	58	7	8
W N Central	0	-3	-2	72	8	9
South Atlantic	0	0	0	109	16	-1
E S Central	0	0	0	100	10	-8
W S Central	0	0	0	141	18	-9
Mountain	0	-3	0	84	13	6
Pacific	2	0	2	51	5	2
United States	1	-2	0	85	15	7

Note: HDD = heating degree day; CDD = cooling degree day

Source: National Oceanic and Atmospheric Administration

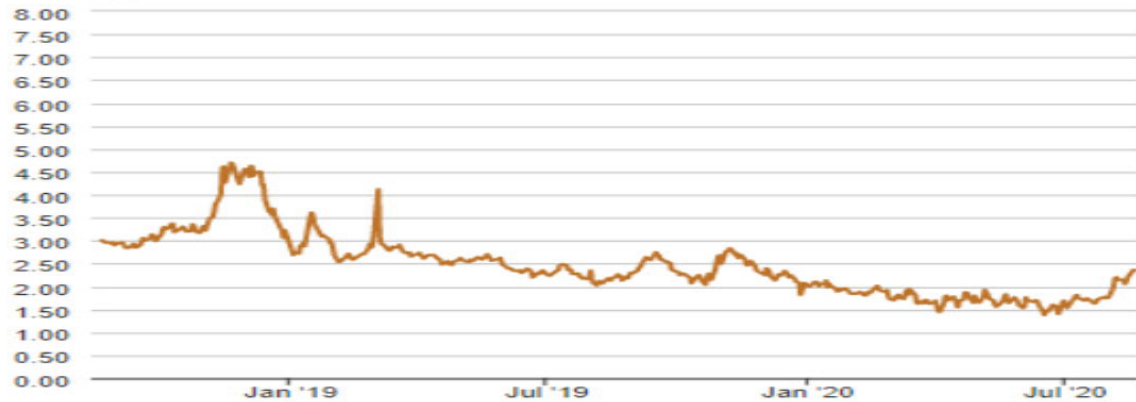
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2020 Year to Date - 1st Quarter	2019 Year to Date - 1st Quarter	Percent Change
Aluminum, secondary (000 Mt.)	212.0	209.0	1%
Cement (Mil. Mt.)	18.0	17.0	6%
Copper (000 Mt.)	232.0	303.0	-23%
Gold (Mt.)	50.4	50.2	0%
Gypsum (Mil. Mt.)	4.4	4.2	5%
Iron Ore (Mil. Mt.)	11.8	10.8	9%
Lead (000 Mt.)	68.8	60.7	13%
Molybdenum (000 Mt.)	13.3	10.3	29%
Phosphate rock (Mil. Mt.)	5.7	5.4	6%
Sand & gravel, construction (Mil. Mt.)	173.0	163.0	6%
Silver (Mt.)	240.0	227.0	6%
Soda ash (Mil. Mt.)	2.9	2.9	0%
Stone, crushed (Mil. Mt.)	291.0	286.0	2%
Zinc (000 Mt.)	175.0	152.0	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	June 2020		June 2019		% Change of Stocks	May 2020		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,857	278	4,129	196	-6.6%	3,895	282	-1.0%
	Subbituminous	162	232	163	227	-1.1%	162	253	0.0%
South	Bituminous	25,421	116	24,501	91	3.8%	25,808	110	-1.5%
	Subbituminous	7,789	82	4,739	45	64.4%	8,398	88	-7.3%
Midwest	Bituminous	14,156	117	10,844	78	30.5%	14,036	112	0.9%
	Subbituminous	30,931	126	22,647	73	36.6%	31,397	122	-1.5%
West	Bituminous	4,059	166	3,776	71	7.5%	3,950	165	2.8%
	Subbituminous	29,708	93	20,773	58	43.0%	29,864	94	-0.5%
U.S. Total	Bituminous	47,493	128	43,250	90	9.8%	47,689	120	-0.4%
	Subbituminous	68,589	104	48,322	62	41.9%	69,821	104	-1.8%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

Working gas in underground storage

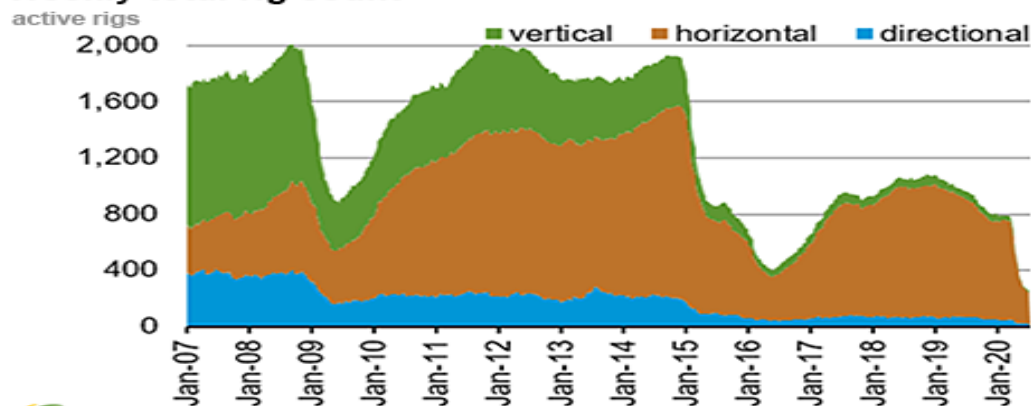
Region	Stocks billion cubic feet (Bcf)		
	2020-08-14	2020-08-07	change
East	750	738	12
Midwest	880	856	24
Mountain	209	206	3
Pacific	313	314	-1
South Central	1,223	1,219	4
Total	3,375	3,332	43

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		
	August 2020	September 2020	change	August 2020	September 2020	change
Anadarko	1,275	1,301	26	7,641	7,794	153
Appalachia	169	171	2	24,204	24,930	726
Bakken	2,099	2,368	269	2,839	3,207	368
Eagle Ford	2,418	2,466	48	8,265	8,430	165
Haynesville	19	20	1	11,196	11,207	11
Niobrara	1,932	2,028	96	5,462	5,571	109
Permian	963	1,127	164	1,873	2,098	225
Rig-weighted average	898	982	84	7,189	7,409	220

Source: Energy Information Administration, *Drilling Productivity Report*