
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

August 21, 2020 Edition
(Data for Week Ending August 15, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 33
Dated 08/21/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	08/15/20	08/17/19	% Chng	08/15/20	08/15/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,338	14,855	-30.4%	327,388	448,972	-27.1%
52 Weeks Ended	580,309	737,457	-21.3%			
AAR Coal Rail Cars Loaded:	58,871	85,454	-31.1%	1,835,373	2,529,962	-27.5%
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			Cumulative Week 1 to		
	08/15/20	08/17/19	% Chng	08/15/20	08/17/19	% Chng
EI Electric Total Output (Mil. Kwh)	91,497	90,024	1.6%	2,507,977	2,588,877	-3.1%
EI Coal Region Output (Mil. Kwh)	79,489	78,594	1.1%	2,171,170	2,244,019	-3.2%
AISI Raw Steel Output (000 Tons)	1,377	1,841	-25.2%	48,833	61,235	-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)	
	08/14/20	08/07/20	% Chng	Wed.	08/12/20
Central App, 12,500 Btu, 1.2 SO ₂	\$55.50	\$55.50	0.0%	Henry Hub	2.06
Northern App, 13,000 Btu, < 3.0 SO ₂	42.45	42.45	0.0%	New York	1.71
Illinois Basin, 11,800, 5.0 SO ₂	34.05	34.05	0.0%	Chicago	1.99
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.60	11.60	0.0%	Cal.Comp.Avg.	2.50
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		
	8/15/2020 (week 33)	8/8/2020 (week 32)	8/17/2019 (week 33)	8/15/2020	8/15/2019	% Change	8/15/2020	8/17/2019	% Change
Alabama	198	195	278	6,824	9,414	-27.5	11,457	14,870	-23.0
Alaska	16	16	19	562	613	-8.5	917	999	-8.2
Arizona	.	.	47	.	3,549	-100.0	280	5,982	-95.3
Colorado	181	184	272	5,659	8,318	-32.0	10,133	13,441	-24.6
Illinois	601	582	949	19,949	30,866	-35.4	34,713	49,288	-29.6
Indiana	413	412	624	13,400	20,655	-35.1	24,129	33,870	-28.8
Kentucky Total	483	485	728	15,904	23,954	-33.6	27,858	38,552	-27.7
Eastern (KY)	168	169	279	5,423	9,376	-42.2	9,840	15,511	-36.6
Western (KY)	315	316	449	10,481	14,577	-28.1	18,018	23,041	-21.8
Louisiana	27	28	38	856	972	-11.9	1,411	1,515	-6.9
Maryland	24	24	30	739	933	-20.8	1,269	1,423	-10.8
Mississippi	41	42	59	1,278	1,736	-26.4	2,223	2,826	-21.3
Missouri	2	3	4	86	124	-30.7	150	220	-31.8
Montana	593	614	867	17,262	20,768	-16.9	30,718	36,411	-15.6
New Mexico	216	219	281	7,300	9,404	-22.4	12,353	14,897	-17.1
North Dakota	408	428	561	13,901	16,533	-15.9	24,209	27,715	-12.7
Ohio	96	94	149	3,090	5,220	-40.8	5,607	8,847	-36.6
Oklahoma	3	3	5	47	150	-68.6	123	358	-65.6
Pennsylvania Total	756	743	934	24,320	31,750	-23.4	42,347	50,163	-15.6
Anthracite (PA)	51	54	52	1,485	1,519	-2.2	2,563	2,264	13.2
Bituminous (PA)	706	688	882	22,836	30,231	-24.5	39,784	47,899	-16.9
Tennessee	9	10	12	241	251	-3.9	423	337	25.5
Texas	345	356	525	10,818	14,707	-26.4	19,271	23,604	-18.4
Utah	198	194	258	7,232	9,634	-24.9	11,931	14,775	-19.2
Virginia	198	200	271	6,492	7,961	-18.5	10,924	12,808	-14.7
West Virginia Total	1,346	1,328	1,878	42,093	60,560	-30.5	74,217	95,541	-22.3
Northern (WV)	677	670	918	21,100	30,378	-30.5	37,544	47,856	-21.5
Southern (WV)	669	658	959	20,993	30,182	-30.4	36,673	47,685	-23.1
Wyoming	4,183	4,261	6,063	129,335	170,902	-24.3	233,647	289,011	-19.2
Appalachian Total	2,796	2,763	3,832	89,222	125,464	-28.9	156,083	199,500	-21.8
Interior Total	1,747	1,741	2,654	56,915	83,786	-32.1	100,038	134,724	-25.7
Western Total	5,795	5,915	8,369	181,251	239,722	-24.4	324,189	403,233	-19.6
East of Mississippi River	4,166	4,115	5,914	134,330	193,298	-30.5	235,165	308,526	-23.8
West of Mississippi River	6,173	6,304	8,941	193,058	255,674	-24.5	345,144	428,931	-19.5
Bituminous and Lignite	10,288	10,364	14,803	325,903	447,454	-27.2	577,747	735,192	-21.4
Anthracite	51	54	52	1,485	1,519	-2.2	2,563	2,264	13.2
U.S. Total	10,338	10,419	14,855	327,388	448,972	-27.1	580,309	737,457	-21.3
Railroad Cars Loaded	58,871	59,328	85,454	1,835,373	2,529,962	-27.5	3,292,085	4,225,903	-22.1

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 33

OUTPUT FOR WEEK ENDED - Aug 15, 2020

Aug 19, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Aug 15, 2020** was **91,497** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **183** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended August 15		52 Weeks Ended August 15	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,904	17.8	115,092	-3.5
Mid-Atlantic	10,174	7.5	415,485	-4.4
Central Industrial	14,216	3.7	640,018	-4.5
West Central	7,063	0.3	323,298	-2.4
Southeast	22,035	-2.4	996,033	-4.1
South Central	19,229	-0.7	765,780	1.2
Rocky Mountain	6,772	5.3	286,616	2.4
Pacific Northwest	2,672	-1.0	155,372	-0.8
Pacific Southwest	6,432	2.6	264,274	-1.3
Total United States	91,497	1.6	3,961,968	-2.3

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Jul 25	92,928	Jul 27	89,276	4.1	Jul 25	3,963,730	-2.3
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 15	2,507,977	Aug 17	2,588,877	-3.1	YEAR TO DATE, FIRST 33 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Jul 25	182	Jul 27	176	Jul 28	177
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

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	15-Aug 2020 GWh Output	17-Aug 2019 GWh Output	% Increase Over Corresponding Week	15-Aug 2020 GWh Output	17-Aug 2019 GWh Output	% Increase Over Corresponding Week	15-Aug 2020 GWh Output	17-Aug 2019 GWh Output	% Increase Over Corresponding Week
New England	2,904	2,465	17.8%	73,444	75,488	-2.7%	115,092	119,273	-3.5%
Mid-Atlantic	10,174	9,463	7.5%	264,105	277,137	-4.7%	415,485	434,603	-4.4%
Central Industrial	14,216	13,708	3.7%	408,786	429,243	-4.8%	640,018	670,074	-4.5%
West Central	7,063	7,044	0.3%	205,082	211,654	-3.1%	323,298	331,260	-2.4%
Southeast	22,035	22,579	-2.4%	629,805	661,216	-4.8%	996,033	1,038,096	-4.1%
South Central	19,229	19,371	-0.7%	484,376	488,480	-0.8%	765,780	756,645	1.2%
Rocky Mountain	6,772	6,429	5.3%	179,016	176,289	1.5%	286,616	279,807	2.4%
Pacific Northwest	2,672	2,699	-1.0%	99,186	101,316	-2.1%	155,372	156,656	-0.8%
Pacific Southwest	6,432	6,266	2.6%	164,178	168,056	-2.3%	264,274	267,653	-1.3%
Total United States ^{1/}	91,497	90,024	1.6%	2,507,978	2,588,879	-3.1%	3,961,968	4,054,067	-2.3%
Coal Regions Only ^{2/}	79,489	78,594	1.1%	2,171,170	2,244,019	-3.2%	3,427,230	3,510,485	-2.4%

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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August 17, 2020

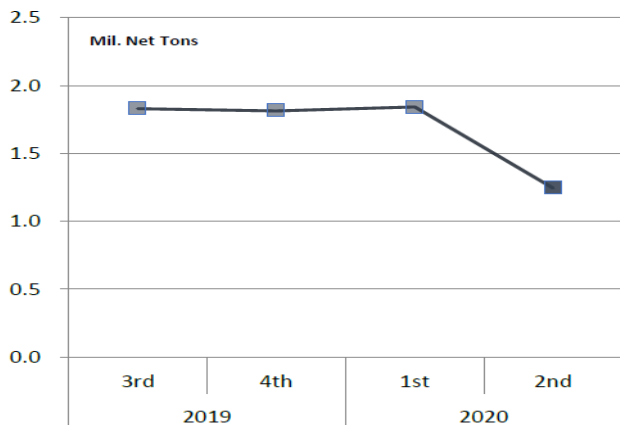
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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</u>		
				<u>Aug 15</u>	<u>Aug 8</u>	
<u>Week Ending</u>				North East	133	128
				Great Lakes	466	471
August 15, 2020	1,377	1.7	61.5	Midwest	159	146
August 15, 2019	1,841	-25.6	79.1	Southern	548	538
August 8, 2020	1,354	2.0	60.4	Western	71	71
				Total	1,377	1,354
<u>Year-to-Date +</u>						
August 15, 2020	48,833	-20.3	65.9			
August 15, 2019	61,235	-	80.7			

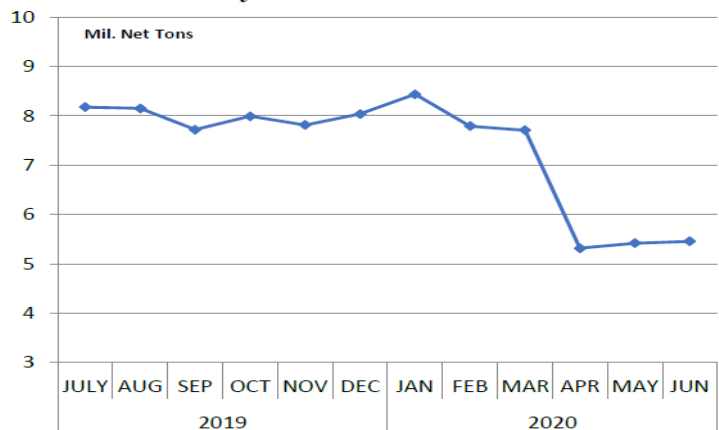
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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.

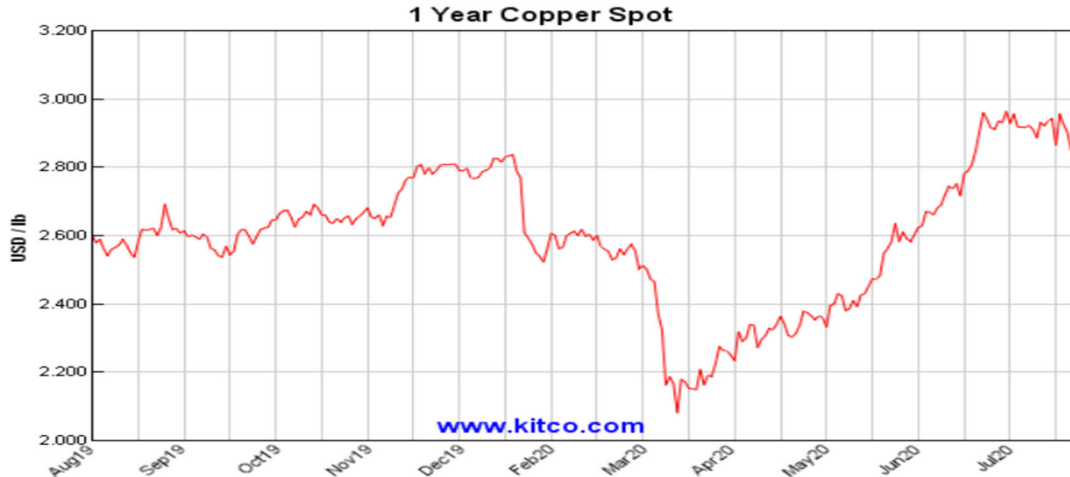
Average Weekly Raw Steel Production



Monthly Raw Steel Production



*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 33, 2020 – Ended August 15, 2020

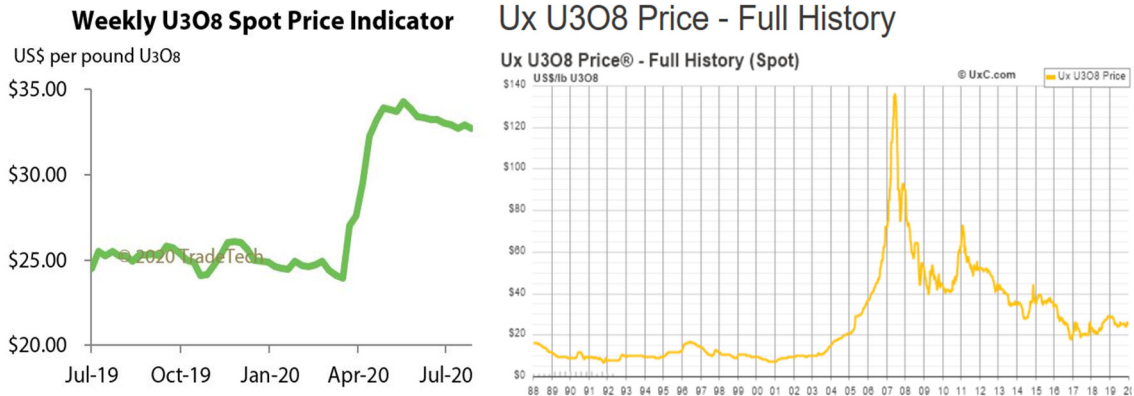
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	222,353	-15.9%	6,992,726	211,901	-16.2%
Chemicals	31,194	-6.3%	1,012,036	30,668	-5.0%
Coal	58,871	-31.0%	1,865,467	56,529	-27.5%
Farm Products excl. Grain, and Food	15,412	-1.6%	502,221	15,219	-2.4%
Forest Products	9,110	-8.1%	304,713	9,234	-6.6%
Grain	22,582	14.1%	686,676	20,808	-5.6%
Metallic Ores and Metals	18,998	-19.7%	581,586	17,624	-20.3%
Motor Vehicles and Parts	15,399	-8.4%	373,357	11,314	-29.8%
Nonmetallic Minerals	30,437	-19.5%	985,716	29,870	-13.4%
Petroleum and Petroleum Products	10,812	-9.9%	369,442	11,195	-12.3%
Other	9,538	-5.4%	311,512	9,440	-0.7%
Total Intermodal Units	278,210	1.9%	8,042,787	243,721	-8.4%
Total Traffic	500,563	-6.9%	15,035,513	455,622	-12.2%

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.

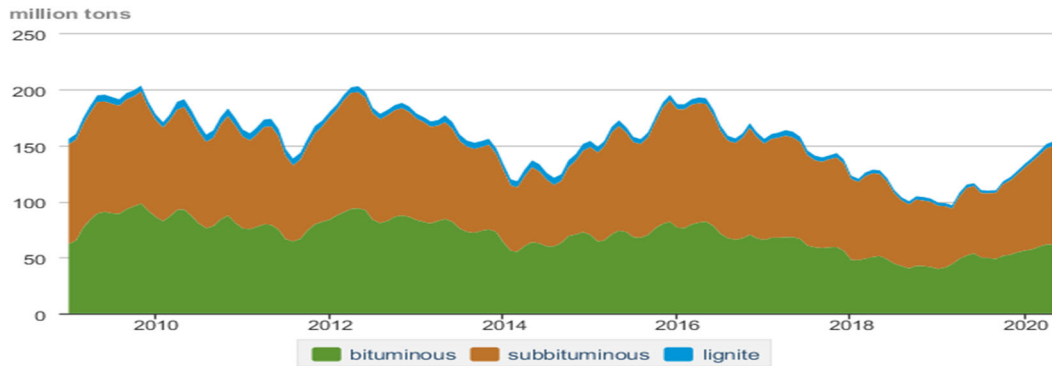
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

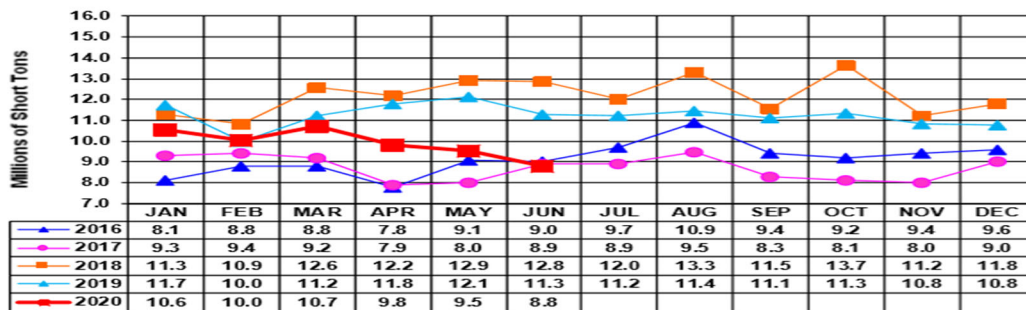
Coal stocks by type, January 2009 - May 2020



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.

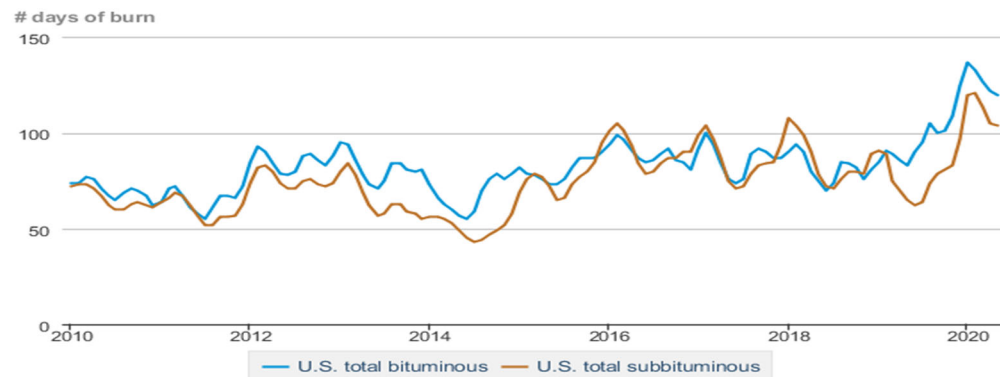
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices *dollars per short ton*

	Week ending					Week ago
	07/17/20	07/24/20	07/31/20	08/07/20	08/14/20	change
Central Appalachia <i>12,500 Btu, 1.2 SO₂</i>	\$50.75	\$50.75	\$50.75	\$55.50	\$55.50	\$0.00
Northern Appalachia <i>13,000 Btu, < 3.0 SO₂</i>	\$42.45	\$42.45	\$42.45	\$42.45	\$42.45	\$0.00
Illinois Basin <i>11,800 Btu, 5.0 SO₂</i>	\$34.05	\$34.05	\$34.05	\$34.05	\$34.05	\$0.00
Powder River Basin <i>8,800 Btu, 0.8 SO₂</i>	\$12.00	\$12.00	\$12.00	\$11.60	\$11.60	\$0.00
Uinta Basin <i>11,700 Btu, 0.8 SO₂</i>	\$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 - May 2020



 Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Aug 06)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	0	-2	-1	70	26	24
Middle Atlantic	0	-3	0	70	12	3
E N Central	9	4	8	26	-30	-28
W N Central	9	6	9	32	-37	-34
South Atlantic	0	0	0	108	12	8
E S Central	0	0	0	84	-10	-9
W S Central	0	0	0	115	-10	-19
Mountain	0	-2	0	96	21	-4
Pacific	0	-2	0	55	8	-13
United States	3	1	3	72	-1	-9

Note: HDD = heating degree day; CDD = cooling degree day
Source: National Oceanic and Atmospheric Administration

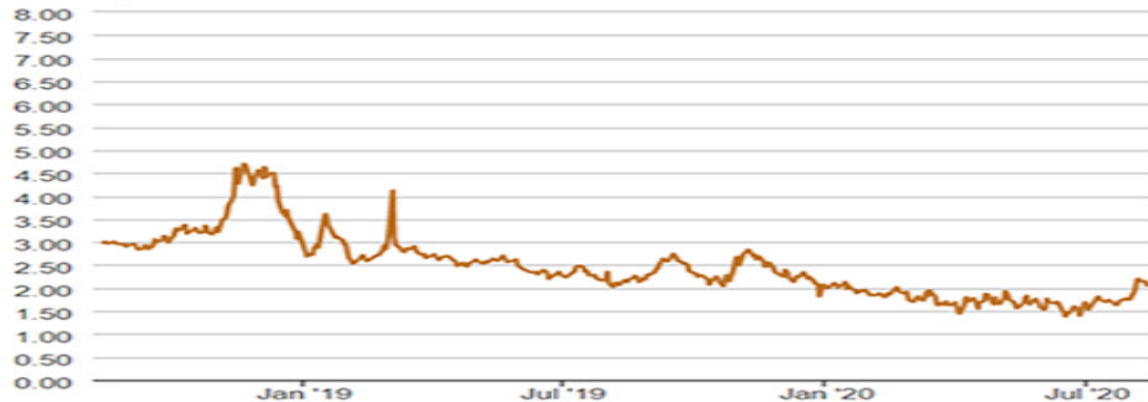
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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



 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	May 2020		May 2019		% Change of Stocks	April 2020		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,895	282	3,956	194	-1.5%	4,187	305	-7.0%
	Subbituminous	162	253	163	250	-1.1%	162	280	0.0%
South	Bituminous	25,808	110	22,780	82	13.3%	26,021	113	-0.8%
	Subbituminous	8,398	88	5,071	50	65.6%	7,165	82	17.2%
Midwest	Bituminous	14,036	112	10,114	73	38.8%	13,685	114	2.6%
	Subbituminous	31,397	122	22,352	74	40.5%	29,397	119	6.8%
West	Bituminous	3,950	165	3,971	79	-0.5%	3,727	162	6.0%
	Subbituminous	29,864	94	20,685	61	44.4%	28,987	100	3.0%
U.S. Total	Bituminous	47,689	120	40,821	83	16.8%	47,620	122	0.1%
	Subbituminous	69,821	104	48,271	65	44.6%	65,711	105	6.3%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

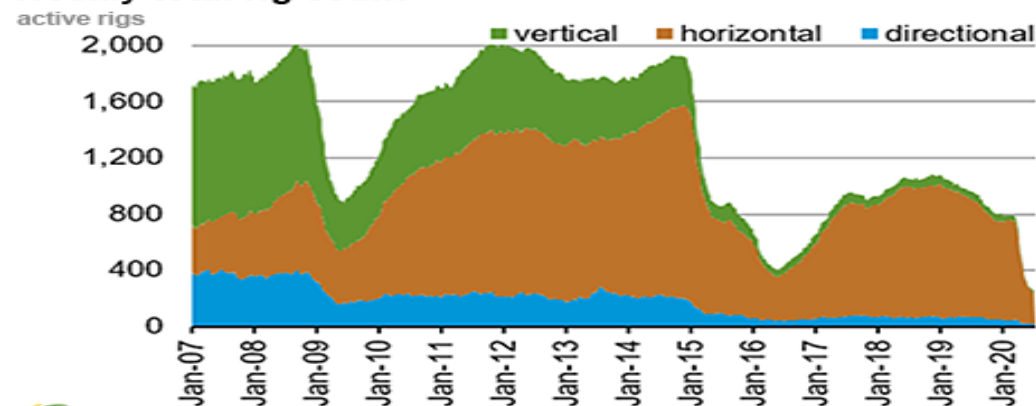
Region	Stocks billion cubic feet (Bcf)		
	2020-08-07	2020-07-31	change
East	738	718	20
Midwest	856	830	26
Mountain	206	202	4
Pacific	314	311	3
South Central	1,219	1,214	5
Total	3,332	3,274	58

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*