
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

July 17, 2020 Edition
(Data for Week Ending July 11, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 28
Dated 07/17/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/11/20	07/13/19	% Chng	07/11/20	07/11/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	9,077	14,059	-35.4%	276,174	378,570	-27.0%
52 Weeks Ended	599,721	743,169	-19.3%			
AAR Coal Rail Cars Loaded:	51,684	80,874	-36.1%	1,543,750	2,124,979	-27.4%
DOC Coal Trade (000 Tons)						
Exports:						
	May 20/19		% Chng	Jan - May 20/19		% Chng
Metallurgical	2,983	5,298	-43.7%	18,097	23,816	-24.0%
Steam Bit. *	1,696	3,779	-55.1%	11,970	18,636	-35.8%
Lignite	6	7	-14.3%	40	39	2.6%
Anthracite	37	6	516.7%	92	114	-19.3%
Total	4,722	9,090	-48.1%	30,199	42,605	-29.1%
Imports:						
	498	408	22.1%	2,201	2,633	-16.4%
EI Electric Total Output (Mil. Kwh)						
	Week Ended		% Chng	Cumulative Week 1 to		% Chng
	07/11/20	07/13/19		07/11/20	07/13/19	
EI Electric Total Output (Mil. Kwh)	91,869	89,586	2.5%	2,054,149	2,133,303	-3.7%
EI Coal Region Output (Mil. Kwh)	80,618	78,540	2.6%	1,775,341	1,847,198	-3.9%
AISI Raw Steel Output (000 Tons)	1,289	1,847	-30.2%	41,927	52,014	-19.4%

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)	
	07/10/20	07/03/20	% Chng	Wed.	07/8/20
Central App, 12,500 Btu, 1.2 SO ₂	\$50.75	\$55.00	-7.7%	Henry Hub	1.79
Northern App, 13,000 Btu, < 3.0 SO ₂	42.45	43.50	-2.4%	New York	1.77
Illinois Basin, 11,800, 5.0 SO ₂	34.05	34.00	0.1%	Chicago	1.82
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.00	11.95	0.4%	Cal.Comp.Avg.	2.10
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.10	28.90	0.7%		

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		
	7/11/2020 (week 28)	7/4/2020 (week 27)	7/13/2019 (week 28)	7/11/2020	7/11/2019	% Change	7/11/2020	7/13/2019	% Change
Alabama	172	170	264	5,854	8,094	-27.7	11,811	14,976	-21.1
Alaska	14	13	18	483	522	-7.5	930	982	-5.3
Arizona	.	.	45	.	3,324	-100.0	506	6,431	-92.1
Colorado	157	152	258	4,762	7,028	-32.2	10,531	13,570	-22.4
Illinois	530	517	897	17,013	26,324	-35.4	36,273	49,593	-26.9
Indiana	362	352	592	11,366	17,741	-35.9	25,078	34,250	-26.8
Kentucky Total	415	413	689	13,525	20,501	-34.0	28,942	38,892	-25.6
Eastern (KY)	142	146	264	4,596	8,052	-42.9	10,341	15,803	-34.6
Western (KY)	273	267	425	8,929	12,449	-28.3	18,601	23,088	-19.4
Louisiana	23	22	36	721	789	-8.7	1,459	1,533	-4.8
Maryland	21	20	28	621	790	-21.3	1,294	1,388	-6.8
Mississippi	35	35	56	1,074	1,454	-26.1	2,301	2,881	-20.1
Missouri	2	2	4	73	104	-29.6	157	226	-30.5
Montana	510	471	821	14,304	16,659	-14.1	31,883	36,040	-11.5
New Mexicc	186	183	266	6,232	8,072	-22.8	12,621	14,755	-14.5
North Dakota	358	333	530	11,848	13,876	-14.6	24,821	28,155	-11.8
Ohio	82	83	141	2,621	4,512	-41.9	5,849	9,080	-35.6
Oklahoma	2	2	5	34	127	-73.0	134	429	-68.8
Pennsylvania Total	680	635	884	20,594	27,324	-24.6	43,060	50,297	-14.4
Anthracite (PA)	43	40	49	1,229	1,272	-3.3	2,555	2,199	16.2
Bituminous (PA)	637	595	835	19,364	26,052	-25.7	40,505	48,098	-15.8
Tennessee	8	7	11	194	194	-0.1	433	303	42.9
Texas	301	283	497	9,095	12,219	-25.6	20,044	23,712	-15.5
Utah	174	172	244	6,263	8,410	-25.5	12,190	14,913	-18.3
Virginia	171	164	257	5,515	6,676	-17.4	11,236	12,782	-12.1
West Virginia Total	1,184	1,138	1,777	35,478	51,661	-31.3	76,529	95,857	-20.2
Northern (WV)	598	571	869	17,725	26,025	-31.9	38,536	47,925	-19.6
Southern (WV)	586	566	908	17,753	25,636	-30.8	37,994	47,932	-20.7
Wyoming	3,691	3,402	5,738	108,503	142,169	-23.7	241,639	292,123	-17.3
Appalachian Total	2,459	2,363	3,627	75,473	107,302	-29.7	160,553	200,487	-19.9
Interior Total	1,528	1,480	2,512	48,305	71,207	-32.2	104,048	135,713	-23.3
Western Total	5,090	4,725	7,920	152,396	200,061	-23.8	335,120	406,969	-17.7
East of Mississippi River	3,659	3,533	5,597	113,855	165,270	-31.1	242,807	310,299	-21.8
West of Mississippi River	5,418	5,035	8,462	162,320	213,300	-23.9	356,914	432,870	-17.5
Bituminous and Lignite	9,034	8,528	14,010	274,945	377,298	-27.1	597,166	740,969	-19.4
Anthracite	43	40	49	1,229	1,272	-3.3	2,555	2,199	16.2
U.S. Total	9,077	8,568	14,059	276,174	378,570	-27.0	599,721	743,169	-19.3
Railroad Cars Loaded	51,684	48,930	80,874	1,543,750	2,124,979	-27.4	3,406,728	4,270,478	-20.2

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 28

OUTPUT FOR WEEK ENDED - Jul 11, 2020

Jul 15, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jul 11, 2020** was **91,869** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **186** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended July 11		52 Weeks Ended July 11	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	2,655	1.0	114,475	-4.6
Mid-Atlantic	10,062	2.7	415,124	-4.4
Central Industrial	15,689	7.0	641,272	-4.2
West Central	7,846	8.0	324,082	-2.1
Southeast	22,278	-0.8	994,653	-4.1
South Central	18,218	0.9	766,546	1.6
Rocky Mountain	6,525	3.6	286,546	2.2
Pacific Northwest	2,612	-3.4	155,268	-1.2
Pacific Southwest	5,984	4.7	265,748	-1.9
Total United States	91,869	2.5	3,963,714	-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)
Jun 20	77,918	Jun 22	81,189	-4.0	Jun 20	3,964,895	-2.4
Jun 27	83,572	Jun 29	85,904	-2.7	Jun 27	3,962,563	-2.4
Jul 04	87,540	Jul 06	88,671	-1.3	Jul 04	3,961,432	-2.4
Jul 11	91,869	Jul 13	89,586	2.5	Jul 11	3,963,714	-2.3
Jul 11	2,054,149	Jul 13	2,133,303	-3.7	YEAR TO DATE, FIRST 28 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Jun 20	165	Jun 22	181	Jun 23	191
Jun 27	174	Jun 29	188	Jun 30	191
Jul 04	182	Jul 06	195	Jul 07	200
Jul 11	186	Jul 13	192	Jul 14	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		
	11-Jul 2020 GWh Output	13-Jul 2019 GWh Output	% Increase Over Corresponding Week	11-Jul 2020 GWh Output	13-Jul 2019 GWh Output	% Increase Over Corresponding Week	11-Jul 2020 GWh Output	13-Jul 2019 GWh Output	% Increase Over Corresponding Week
New England	2,655	2,629	1.0%	59,356	62,015	-4.3%	114,475	120,042	-4.6%
Mid-Atlantic	10,062	9,799	2.7%	213,267	226,659	-5.9%	415,124	434,340	-4.4%
Central Industrial	15,689	14,664	7.0%	338,237	357,440	-5.4%	641,272	669,622	-4.2%
West Central	7,846	7,262	8.0%	169,099	174,888	-3.3%	324,082	331,095	-2.1%
Southeast	22,278	22,458	-0.8%	516,203	548,993	-6.0%	994,653	1,037,672	-4.1%
South Central	18,218	18,060	0.9%	393,195	396,535	-0.8%	766,546	754,592	1.6%
Rocky Mountain	6,525	6,297	3.6%	145,340	142,683	1.9%	286,546	280,245	2.2%
Pacific Northwest	2,612	2,704	-3.4%	85,137	87,370	-2.6%	155,268	157,102	-1.2%
Pacific Southwest	5,984	5,713	4.7%	134,316	136,721	-1.8%	265,748	270,929	-1.9%
Total United States ^{1/}	91,869	89,586	2.5%	2,054,150	2,133,304	-3.7%	3,963,714	4,055,639	-2.3%
Coal Regions Only ^{2/}	80,618	78,540	2.6%	1,775,341	1,847,198	-3.9%	3,428,223	3,507,566	-2.3%

Notes: EEl 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. EEl 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 (EEl), *Weekly Electric Output Report*.

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July 6, 2020

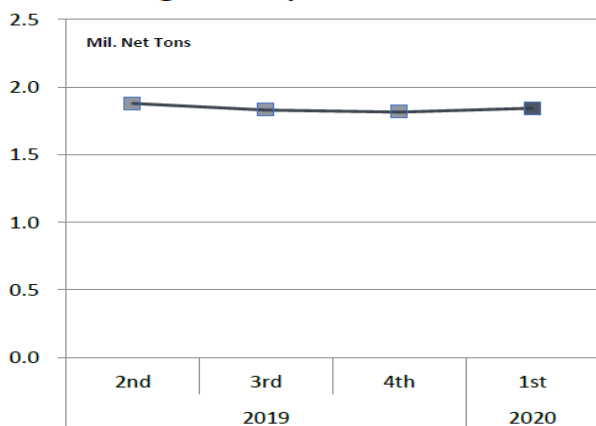
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>Jul 11</u>	<u>Jul 4</u>	
<u>Week Ending</u>				North East	141	139
				Great Lakes	439	420
July 11, 2020	1,289	1.7	57.5	Midwest	125	118
July 11, 2019	1,847	-30.2	79.4	Southern	523	532
July 4, 2020	1,268	2.3	56.6	Western	61	59
				Total	1,289	1,268
<u>Year-to-Date +</u>						
July 11, 2020	41,927	-19.4	66.6			
July 11, 2019	52,014	-	80.9			

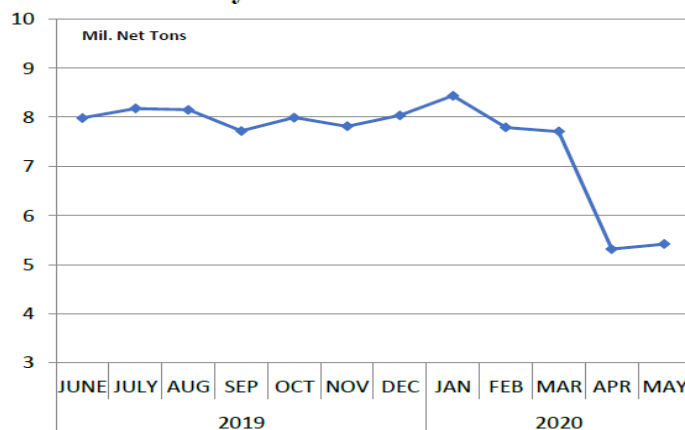
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides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

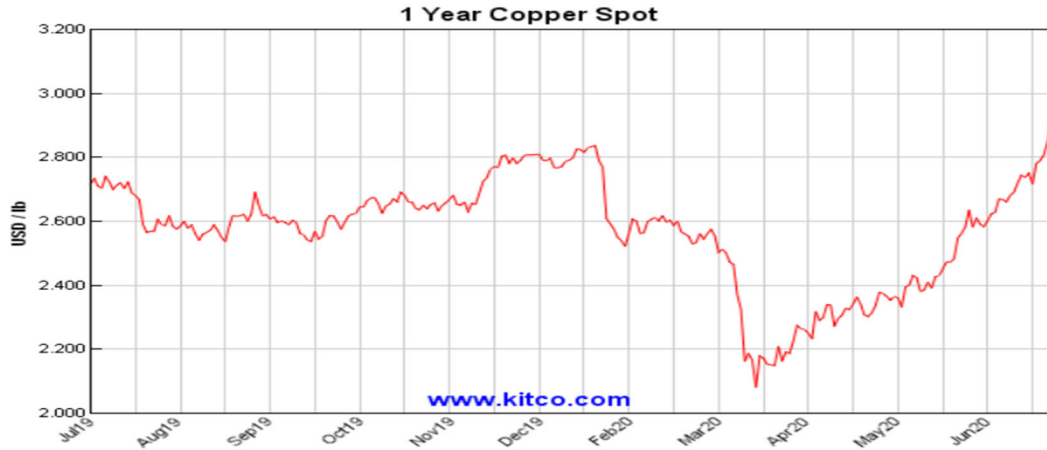
Average Weekly Raw Steel Production



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 28, 2020 – Ended July 11, 2020

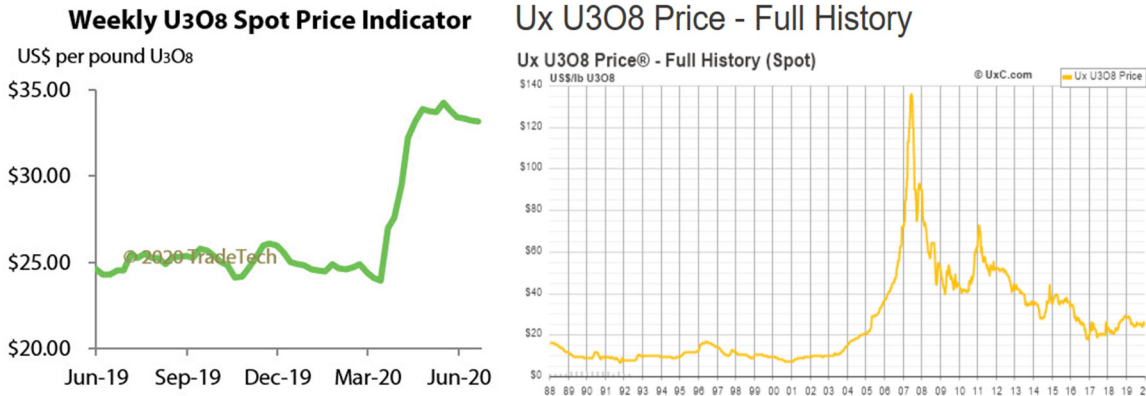
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	201,703	-22.7%	5,902,483	210,803	-16.1%
Chemicals	30,315	-7.7%	858,248	30,652	-5.1%
Coal	51,684	-36.1%	1,573,839	56,209	-27.4%
Farm Products excl. Grain, and Food	15,466	-3.9%	423,704	15,132	-2.6%
Forest Products	8,988	-12.0%	258,998	9,250	-6.7%
Grain	19,443	-19.7%	577,904	20,639	-6.6%
Metallic Ores and Metals	13,884	-41.6%	499,088	17,825	-18.7%
Motor Vehicles and Parts	12,858	-1.8%	296,846	10,602	-34.4%
Nonmetallic Minerals	30,317	-17.4%	833,063	29,752	-11.7%
Petroleum and Petroleum Products	10,085	-23.0%	316,118	11,290	-11.8%
Other	8,663	-12.7%	264,675	9,453	0.8%
Total Intermodal Units	247,389	-7.4%	6,684,174	238,721	-9.9%
Total Traffic	449,092	-14.9%	12,586,657	449,523	-12.9%

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.

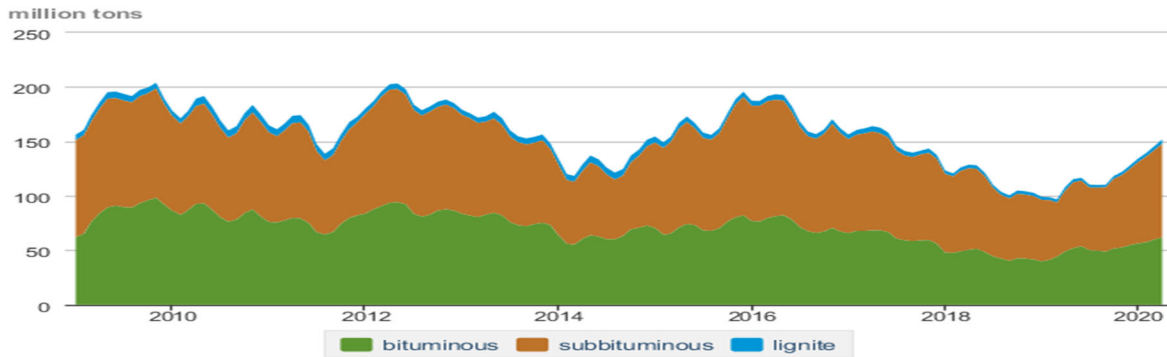
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

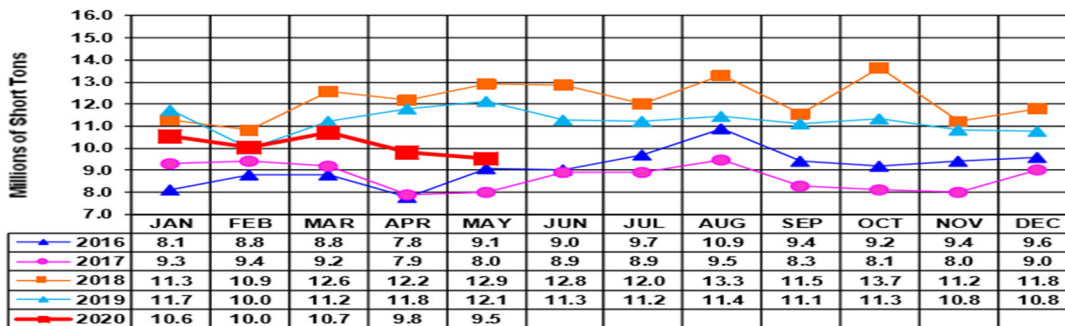
Coal stocks by type, January 2009 - April 2020



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.

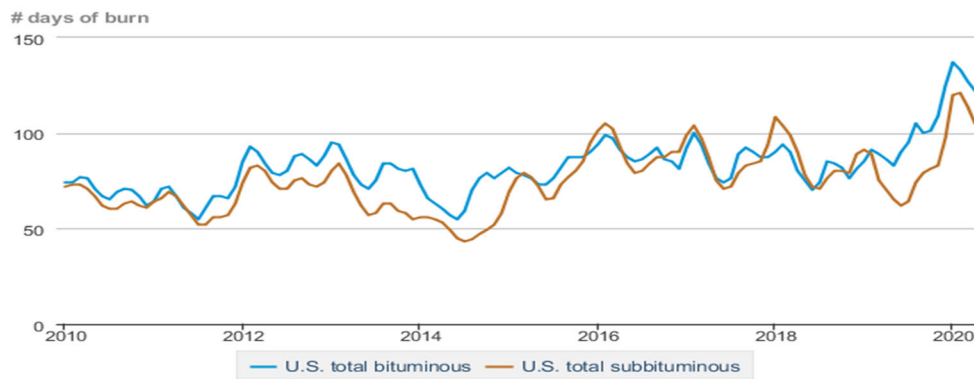
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	06/12/20	06/19/20	06/26/20	07/03/20	07/10/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$56.90	\$56.90	\$55.00	\$55.00	\$50.75	\$-4.25
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$43.50	\$43.50	\$43.50	\$43.50	\$42.45	\$-1.05
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.00	\$34.00	\$34.00	\$34.00	\$34.05	\$0.05
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.75	\$11.75	\$11.95	\$11.95	\$12.00	\$0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$28.90	\$28.90	\$28.90	\$28.90	\$29.10	\$0.20

Source: Energy Information Administration (with permission from S&P Global), *Coal Market Report*

Days of burn by non-lignite coal rank, January 2010 - April 2020



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jul 02)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	1	-3	1	38	10	-13
Middle Atlantic	0	-1	0	62	19	-8
E N Central	0	-2	0	73	27	-14
W N Central	0	-4	0	83	23	-5
South Atlantic	0	0	0	104	15	-5
E S Central	0	0	0	88	3	-11
W S Central	0	0	0	129	14	16
Mountain	9	-3	7	59	-10	-18
Pacific	5	-3	1	23	-11	-2
United States	2	-2	1	75	11	-5

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	April 2020		April 2019		% Change of Stocks	March 2020		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	4,187	305	3,431	156	22.0%	4,589	333	-8.8%
	Subbituminous	162	280	163	278	-1.1%	162	265	0.0%
South	Bituminous	26,021	113	22,688	88	14.7%	24,581	118	5.9%
	Subbituminous	7,165	82	4,413	52	62.4%	6,691	88	7.1%
Midwest	Bituminous	13,685	114	9,116	76	50.1%	13,138	117	4.2%
	Subbituminous	29,397	119	19,092	73	54.0%	27,925	124	5.3%
West	Bituminous	3,727	162	3,480	80	7.1%	3,530	164	5.6%
	Subbituminous	28,987	100	20,805	72	39.3%	29,592	113	-2.0%
U.S. Total	Bituminous	47,620	122	38,716	86	23.0%	45,838	127	3.9%
	Subbituminous	65,711	105	44,474	70	47.8%	64,370	114	2.1%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

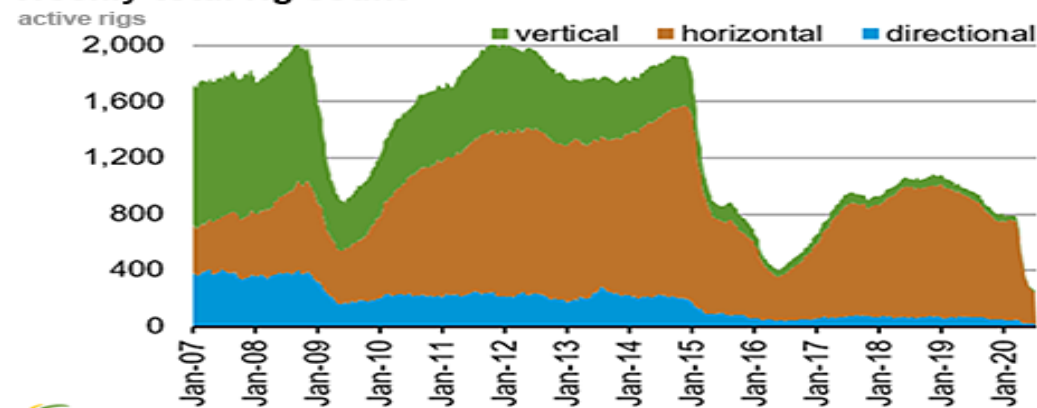
Region	Stocks billion cubic feet (Bcf)		
	2020-07-03	2020-06-26	change
East	657	639	18
Midwest	761	740	21
Mountain	180	173	7
Pacific	310	304	6
South Central	1,226	1,222	4
Total	3,133	3,077	56

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		
	July 2020	August 2020	change	July 2020	August 2020	change
Anadarko	1,001	1,401	400	5,700	7,694	1,994
Appalachia	151	154	3	20,323	20,750	427
Bakken	1,385	2,147	762	2,304	3,570	1,266
Eagle Ford	1,789	2,416	627	6,184	8,348	2,164
Haynesville	23	23	-	10,792	10,803	11
Niobrara	1,460	1,971	511	4,817	5,685	868
Permian	824	964	140	1,624	1,867	243
Rig-weighted average	805	904	99	5,474	6,659	1,185

Source: Energy Information Administration, *Drilling Productivity Report*