

National Mining Association

Weekly Statistical Summary

May 15, 2020 Edition
(Data for Week Ending May 9, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 19
Dated 05/15/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	05/09/20	05/11/19	% Chng	05/09/20	05/09/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	8,299	14,103	-41.2%	198,661	259,271	-23.4%
52 Weeks Ended	640,700	749,867	-14.6%			
AAR Coal Rail Cars Loaded:	45,515	80,601	-43.5%	1,102,301	1,445,692	-23.8%
DOC Coal Trade (000 Tons)						
	March 20/19		% Chng	Jan - Mar 20/19		% Chng
Exports:						
Metallurgical	4,282	5,489	-22.0%	11,668	13,864	-15.8%
Steam Bit. *	2,590	3,720	-30.4%	8,255	11,278	-26.8%
Lignite	8	7	14.3%	27	22	22.7%
Anthracite	37	6	516.7%	43	61	-29.5%
Total	6,917	9,222	-25.0%	19,993	25,225	-20.7%
Imports:	461	706	-34.7%	1,339	1,689	-20.7%
	Week Ended			Cumulative Week 1 to		
	05/09/20	05/11/19	% Chng	05/09/20	05/11/19	% Chng
EI Electric Total Output (Mil. Kwh)	65,654	69,699	-5.8%	1,348,044	1,407,313	-4.2%
EI Coal Region Output (Mil. Kwh)	56,346	60,396	-6.7%	1,159,042	1,211,277	-4.3%
AISI Raw Steel Output (000 Tons)	1,204	1,880	-36.0%	30,859	35,218	-12.4%

EIA (SNL ENERGY) AVERAGE COAL & NATURAL GAS SPOT PRICES Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	05/08/20	05/01/20	% Chng	Wed.	05/06/20
Central App, 12,500 Btu, 1.2 SO ₂	\$54.65	\$54.65	0.0%	Henry Hub	1.88
Northern App, 13,000 Btu, < 3.0 SO ₂	42.05	42.05	0.0%	New York	1.43
Illinois Basin, 11,800, 5.0 SO ₂	32.05	32.05	0.0%	Chicago	1.91
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.50	11.50	0.0%	Cal.Comp.Avg.	2.19
Uinta Basin, 11,700 Btu, 0.8 SO ₂	29.85	29.85	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; SNL Energy; 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		
	5/9/2020 (week 19)	5/2/2020 (week 18)	5/11/2019 (week 19)	5/9/2020	5/9/2019	% Change	5/9/2020	5/11/2019	% Change
Alabama	181	174	309	4,281	5,569	-23.1	12,756	14,924	-14.5
Alaska	12	12	19	319	361	-11.7	927	949	-2.3
Arizona	.	.	139	.	2,286	-100.0	1,517	6,584	-77.0
Colorado	138	133	223	3,360	4,745	-29.2	11,056	13,849	-20.2
Illinois	542	533	934	13,551	18,298	-25.9	40,535	49,936	-18.8
Indiana	361	363	651	9,346	12,580	-25.7	28,482	35,031	-18.7
Kentucky Total	416	418	748	10,511	14,249	-26.2	32,036	39,448	-18.8
Eastern (KY)	146	148	295	3,808	5,571	-31.6	11,764	16,279	-27.7
Western (KY)	270	270	453	6,702	8,678	-22.8	20,272	23,169	-12.5
Louisiana	19	17	30	338	401	-15.7	1,337	1,459	-8.4
Maryland	21	20	30	484	547	-11.5	1,408	1,342	4.9
Mississippi	33	33	62	738	944	-21.8	2,475	2,913	-15.0
Missouri	2	2	4	49	72	-32.0	165	238	-30.7
Montana	431	393	666	9,149	10,850	-15.7	32,580	36,483	-10.7
New Mexico	224	216	314	5,301	5,501	-3.6	14,454	13,571	6.5
North Dakota	287	289	469	7,162	9,852	-27.3	24,175	28,980	-16.6
Ohio	92	95	187	2,330	3,000	-22.3	7,057	8,834	-20.1
Oklahoma	2	2	4	58	89	-35.3	195	562	-65.3
Pennsylvania Total	597	607	1,072	14,652	18,557	-21.0	45,795	50,661	-9.6
Anthracite (PA)	38	36	53	805	820	-1.9	2,562	2,077	23.4
Bituminous (PA)	560	571	1,019	13,847	17,737	-21.9	43,233	48,584	-11.0
Tennessee	7	6	8	122	119	2.8	437	264	65.5
Texas	272	257	401	6,316	8,716	-27.5	20,794	24,654	-15.7
Utah	179	185	309	4,664	5,903	-21.0	13,091	14,575	-10.2
Virginia	154	149	249	3,575	4,556	-21.5	11,397	12,845	-11.3
West Virginia Total	1,145	1,131	1,979	27,276	35,008	-22.1	84,592	96,247	-12.1
Northern (WV)	579	584	1,000	14,262	17,807	-19.9	43,260	47,743	-9.4
Southern (WV)	566	547	979	13,013	17,201	-24.3	41,332	48,504	-14.8
Wyoming	3,184	3,134	5,296	75,080	97,068	-22.7	253,438	295,517	-14.2
Appalachian Total	2,343	2,331	4,129	56,528	72,926	-22.5	175,206	201,396	-13.0
Interior Total	1,500	1,476	2,540	37,098	49,778	-25.5	114,255	137,962	-17.2
Western Total	4,456	4,363	7,434	105,035	136,567	-23.1	351,239	410,509	-14.4
East of Mississippi River	3,548	3,529	6,229	86,865	113,426	-23.4	266,969	312,445	-14.6
West of Mississippi River	4,751	4,641	7,874	111,796	145,845	-23.3	373,731	437,422	-14.6
Bituminous and Lignite	8,261	8,134	14,050	197,856	258,451	-23.4	638,138	747,791	-14.7
Anthracite	38	36	53	805	820	-1.9	2,562	2,077	23.4
U.S. Total	8,299	8,170	14,103	198,661	259,271	-23.4	640,700	749,867	-14.6
Railroad Cars Loaded	46,515	45,806	80,601	1,102,301	1,445,692	-23.8	3,644,645	4,328,544	-15.8

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 19

OUTPUT FOR WEEK ENDED - May 09, 2020

May 13, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **May 09, 2020** was **65,654** gigawatt-hours (GWh), according to the Edison Electric Institute. This is equivalent to **167** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended May 09		52 Weeks Ended May 09	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	1,740	-7.0	114,610	-5.5
Mid-Atlantic	6,401	-7.2	418,333	-4.3
Central Industrial	10,058	-9.0	642,788	-5.5
West Central	5,256	-9.9	323,535	-4.1
Southeast	15,921	-14.0	1,008,186	-3.3
South Central	13,750	3.0	769,917	1.2
Rocky Mountain	4,960	4.6	285,084	0.7
Pacific Northwest	2,682	1.1	155,682	-1.1
Pacific Southwest	4,886	2.2	265,464	-3.3
Total United States	65,654	-5.8	3,983,599	-2.7

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Apr 18	64,061	Apr 20	66,853	-4.2	Apr 18	3,996,552	-2.5
Apr 25	64,689	Apr 27	67,566	-4.3	Apr 25	3,993,675	-2.5
May 02	64,307	May 04	70,338	-8.6	May 02	3,987,644	-2.7
May 09	65,654	May 11	69,699	-5.8	May 09	3,983,599	-2.7
May 09	1,348,044	May 11	1,407,313	-4.2	YEAR TO DATE, FIRST 19 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Apr 18	164	Apr 20	176	Apr 21	178
Apr 25	170	Apr 27	184	Apr 28	179
May 02	167	May 04	190	May 05	187
May 09	167	May 11	184	May 12	189

* 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		
	9-May 2020 GWh Output	11-May 2019 GWh Output	% Increase Over Corresponding Week	9-May 2020 GWh Output	11-May 2019 GWh Output	% Increase Over Corresponding Week	9-May 2020 GWh Output	11-May 2019 GWh Output	% Increase Over Corresponding Week
New England	1,740	1,871	-7.0%	39,876	42,402	-6.0%	114,610	121,225	-5.5%
Mid-Atlantic	6,401	6,896	-7.2%	141,065	151,247	-6.7%	418,333	437,013	-4.3%
Central Industrial	10,058	11,053	-9.0%	224,786	242,472	-7.3%	642,788	679,928	-5.5%
West Central	5,256	5,835	-9.9%	110,686	117,022	-5.4%	323,535	337,272	-4.1%
Southeast	15,921	18,512	-14.0%	336,930	356,187	-5.4%	1,008,186	1,042,149	-3.3%
South Central	13,750	13,356	2.9%	250,043	250,012	0.0%	769,917	761,086	1.2%
Rocky Mountain	4,960	4,744	4.6%	95,532	94,337	1.3%	285,084	283,150	0.7%
Pacific Northwest	2,682	2,652	1.1%	61,695	63,515	-2.9%	155,682	157,393	-1.1%
Pacific Southwest	4,886	4,780	2.2%	87,431	90,120	-3.0%	265,464	274,530	-3.3%
Total United States ^{1/}	65,654	69,699	-5.8%	1,348,044	1,407,314	-4.2%	3,983,599	4,093,746	-2.7%
Coal Regions Only ^{2/}	56,346	60,396	-6.7%	1,159,042	1,211,277	-4.3%	3,447,843	3,540,598	-2.6%

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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May 11, 2020

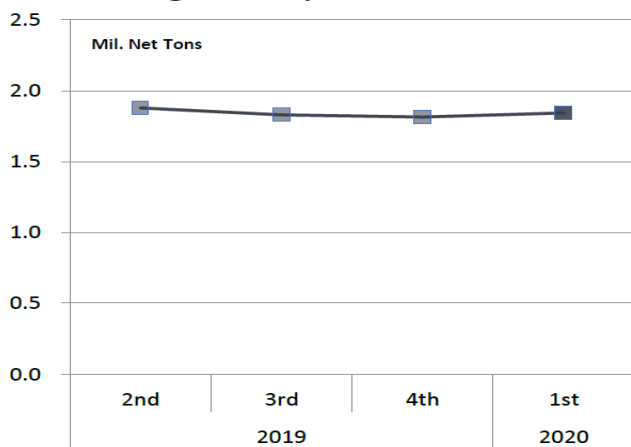
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>May 9</u>	<u>May 2</u>
<u>Week Ending</u>				North East	109
				Great Lakes	401
May 9, 2020	1,204	5.2	53.7	Midwest	121
May 9, 2019	1,880	-36.0	80.8	Southern	476
May 2, 2020	1,144	-8.5	51.1	Western	37
				Total	1,144
					1,204
<u>Year-to-Date +</u>					
May 9, 2020	30,859	-12.4	72.2		
May 9, 2019	35,218	-	81.4		

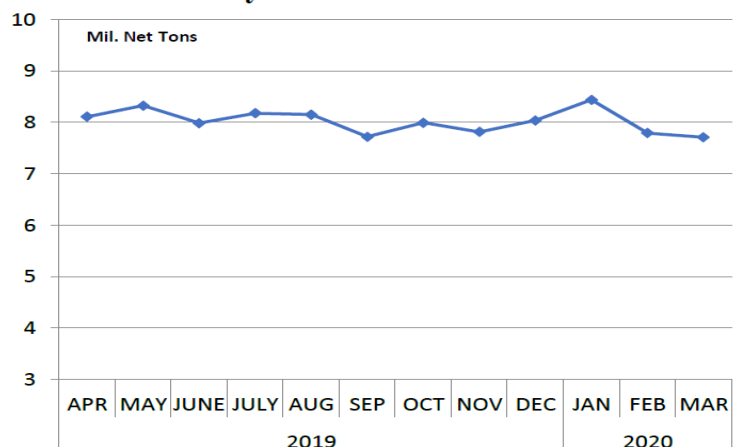
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 second quarter 2020 is approximately 29.1 million net tons vs. 30.3 million net tons for the same period last year, and 30.1 million tons for the first quarter of 2020.

Average Weekly Raw Steel Production



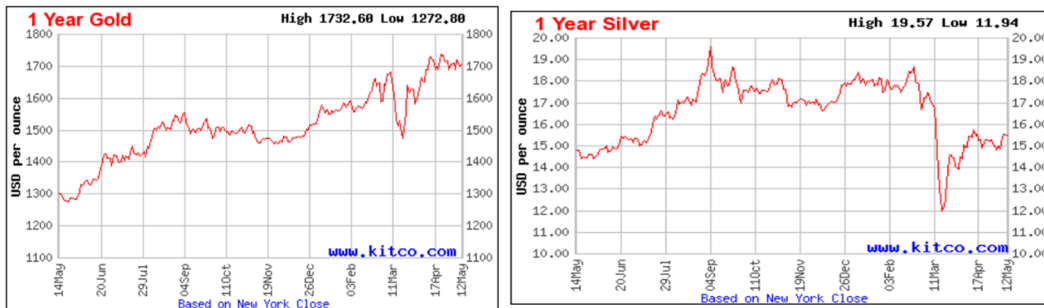
Monthly Raw Steel Production



*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 19, 2020 – Ended May 9, 2020

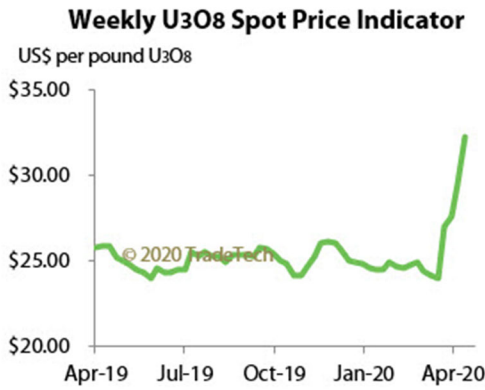
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	185,144	-28.4%	4,158,730	218,881	-12.7%
Chemicals	28,762	-10.1%	602,527	31,712	-1.6%
Coal	46,515	-42.3%	1,132,386	59,599	-23.9%
Farm Products excl. Grain, and Food	14,060	-9.6%	290,888	15,310	-1.9%
Forest Products	8,440	-17.1%	180,517	9,501	-4.9%
Grain	21,627	-10.5%	390,739	20,565	-6.4%
Metallic Ores and Metals	13,624	-35.5%	372,452	19,603	-9.0%
Motor Vehicles and Parts	2,108	-87.6%	210,251	11,066	-32.6%
Nonmetallic Minerals	31,043	-12.3%	567,004	29,842	-8.8%
Petroleum and Petroleum Products	9,554	-26.9%	229,039	12,055	-4.7%
Other	9,411	-1.6%	182,927	9,628	3.3%
Total Intermodal Units	227,405	-16.0%	4,501,113	236,901	-11.2%
Total Traffic	412,549	-22.1%	8,659,843	455,781	-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.

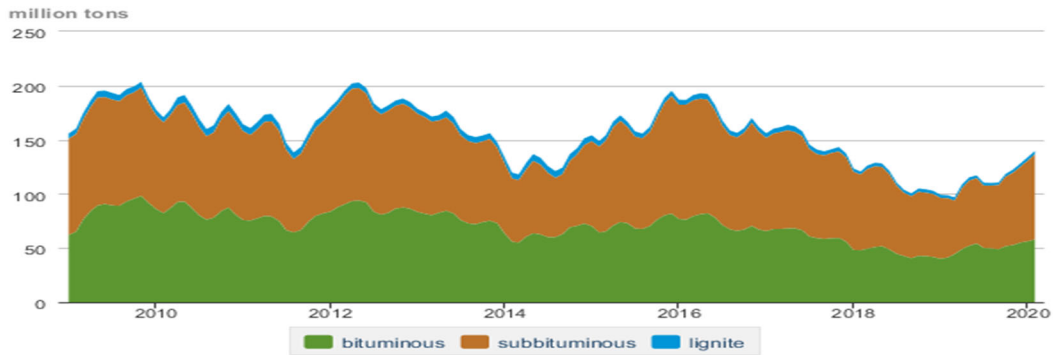
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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 - February 2020

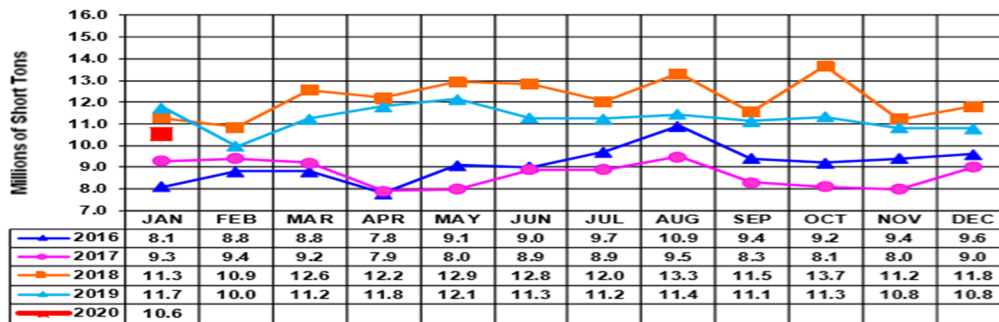


eia Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

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.

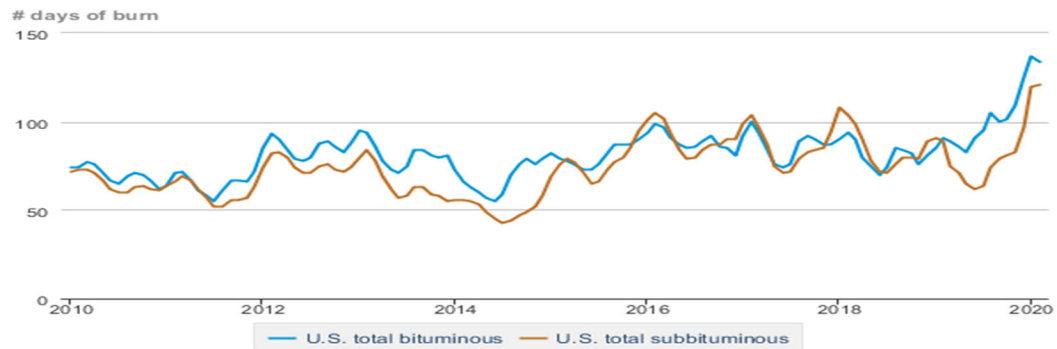
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	04/10/20	04/17/20	04/24/20	05/01/20	05/08/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$55.20	\$55.20	\$55.20	\$54.65	\$54.65	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$46.80	\$46.80	\$46.80	\$42.05	\$42.05	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$33.30	\$33.30	\$33.30	\$32.05	\$32.05	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.55	\$11.55	\$11.55	\$11.50	\$11.50	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.60	\$30.60	\$30.60	\$29.85	\$29.85	\$0.00

Source: Energy Information Administration (with permission from SNL), *Coal Market Report*

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



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Apr 30)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	137	33	15	0	0	0
Middle Atlantic	112	25	16	0	0	0
E N Central	94	2	-12	0	-1	0
W N Central	66	-15	-36	0	-3	0
South Atlantic	49	10	29	22	0	-10
E S Central	45	10	25	2	-7	-15
W S Central	10	-2	3	39	8	-6
Mountain	53	-38	-30	26	14	8
Pacific	11	-43	-26	15	10	12
United States	63	-5	-5	13	2	-1

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

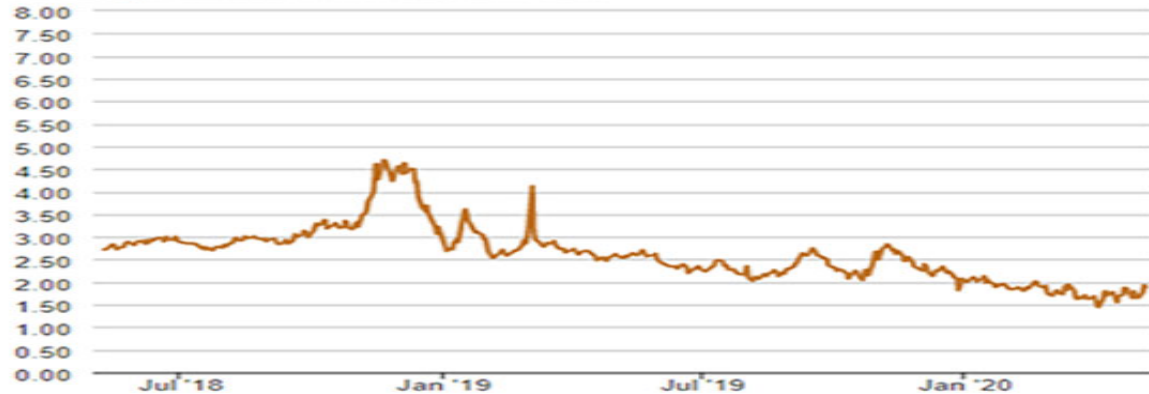
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2019 Year to Date - 4th Quarter	2018 Year to Date - 4th Quarter	Percent Change
Aluminum, secondary (000 Mt.)	838.0	829.0	1%
Cement (Mil. Mt.)	87.3	85.0	3%
Copper (000 Mt.)	1,280.0	1,220.0	5%
Gold (Mt.)	201.0	226.0	-11%
Gypsum (Mil. Mt.)	17.5	17.3	1%
Iron Ore (Mil. Mt.)	46.8	49.5	-5%
Lead (000 Mt.)	266.0	271.0	-2%
Molybdenum (000 Mt.)	43.5	41.4	5%
Phosphate rock (Mil. Mt.)	23.3	25.7	-9%
Sand & gravel, construction (Mil. Mt.)	960.0	937.0	2%
Silver (Mt.)	971.0	934.0	4%
Soda ash (Mil. Mt.)	11.7	11.9	-2%
Stone, crushed (Mil. Mt.)	1,510.0	1,420.0	6%
Zinc (000 Mt.)	730.0	799.0	-9%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2019 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	February 2020		February 2019			January 2020		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn	% Change of Stocks	Stocks (1000 tons)	Days of Burn	% Change of Stocks
Northeast	Bituminous	4,523	326	3,030	145	49.3%	4,450	335	1.6%
	Subbituminous	162	284	139	266	16.1%	162	307	0.0%
South	Bituminous	23,843	127	18,564	95	28.4%	23,563	136	1.2%
	Subbituminous	6,630	95	4,205	65	57.7%	7,582	112	-12.6%
Midwest	Bituminous	13,311	123	7,105	68	87.3%	12,363	113	7.7%
	Subbituminous	26,381	127	19,079	93	38.3%	25,470	124	3.6%
West	Bituminous	3,397	164	3,349	96	1.4%	3,212	160	5.7%
	Subbituminous	29,080	122	19,465	92	49.4%	27,020	117	7.6%
U.S. Total	Bituminous	45,074	134	32,048	91	40.6%	43,589	137	3.4%
	Subbituminous	62,252	121	42,889	89	45.1%	60,234	120	3.4%

Source: Energy Information Administration, *Electricity Monthly Update*

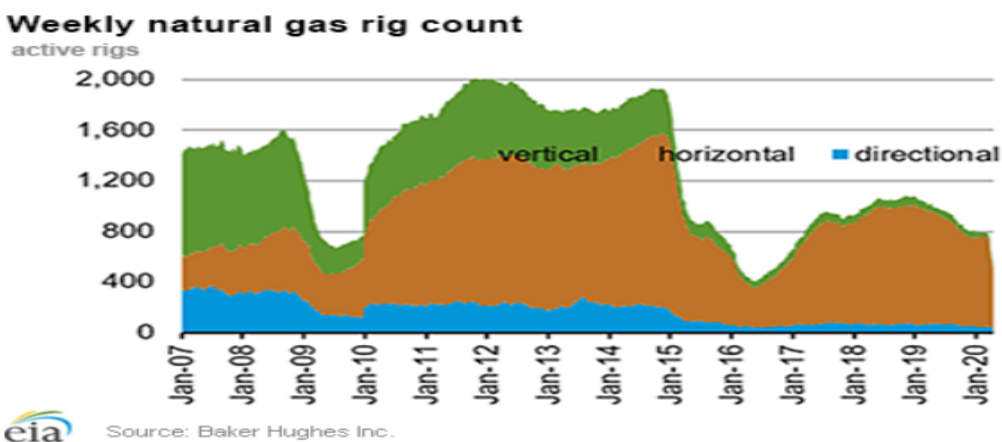
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2020-05-01	2020-04-24	change
East	424	405	19
Midwest	530	506	24
Mountain	111	103	8
Pacific	228	218	10
South Central	1,027	979	48
Total	2,319	2,210	109

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		
	April 2020	May 2020	change	April 2020	May 2020	change
Anadarko	675	689	14	3,994	4,074	80
Appalachia	133	136	3	14,583	14,874	291
Bakken	1,249	1,274	25	1,965	2,004	39
Eagle Ford	1,231	1,255	24	4,194	4,278	84
Haynesville	22	23	1	9,782	9,977	195
Niobrara	1,106	1,128	22	3,843	3,920	77
Permian	677	690	13	1,347	1,374	27
Rig-weighted average	730	741	11	3,420	3,471	51

Source: Energy Information Administration, *Drilling Productivity Report*