

National Mining Association

Weekly Statistical Summary

May 1, 2020 Edition
(Data for Week Ending April 25, 2020)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 58, No. 17
Dated 05/01/20

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	04/25/20	04/27/19	% Chng	04/25/20	04/27/19	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	8,579	14,150	-39.4%	182,192	230,373	-20.9%
52 Weeks Ended	653,116	748,308	-12.7%			
AAR Coal Rail Cars Loaded:	48,128	80,870	-40.5%	1,009,980	1,280,539	-21.1%
DOC Coal Trade (000 Tons)						
Exports:						
	February 20/19		% Chng	Jan - Feb 20/19		% Chng
Metallurgical	3,561	3,584	-0.6%	7,386	8,375	-11.8%
Steam Bit. *	3,262	3,118	4.6%	5,665	7,558	-25.0%
Lignite	9	7	28.6%	19	15	26.7%
Anthracite	3	4	-25.0%	6	55	-89.1%
Total	6,835	6,713	1.8%	13,076	16,003	-18.3%
Imports:						
	343	358	-4.2%	878	983	-10.7%
EI Electric Total Output (Mil. Kwh)						
	Week Ended		% Chng	Cumulative Week 1 to		% Chng
	04/25/20	04/27/19		04/25/20	04/27/19	
EI Electric Total Output (Mil. Kwh)	64,689	67,566	-4.3%	1,218,083	1,267,276	-3.9%
EI Coal Region Output (Mil. Kwh)	55,716	57,995	-3.9%	1,047,723	1,090,126	-3.9%
AISI Raw Steel Output (000 Tons)	1,250	1,892	-33.9%	28,850	31,449	-8.3%

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)	
	04/17/20	04/24/20	% Chng	Wed.	04/22/20
Central App, 12,500 Btu, 1.2 SO ₂	\$55.20	\$55.20	0.0%	Henry Hub	1.87
Northern App, 13,000 Btu, < 3.0 SO ₂	46.80	46.80	0.0%	New York	1.81
Illinois Basin, 11,800, 5.0 SO ₂	33.30	33.30	0.0%	Chicago	1.85
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.55	11.55	0.0%	Cal.Comp.Avg.	1.75
Uinta Basin, 11,700 Btu, 0.8 SO ₂	30.60	30.60	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



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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		
	4/25/2020 (week 17)	4/18/2020 (week 16)	4/27/2019 (week 17)	4/25/2020	4/25/2019	% Change	4/25/2020	4/27/2019	% Change
Alabama	175	188	310	3,927	4,936	-20.4	13,034	14,831	-12.1
Alaska	13	13	19	294	322	-8.6	942	937	0.5
Arizona	.	.	139	.	2,002	-100.0	1,801	6,556	-72.5
Colorado	134	144	223	3,088	4,289	-28.0	11,241	13,964	-19.5
Illinois	546	563	937	12,476	16,385	-23.9	41,373	49,855	-17.0
Indiana	379	375	653	8,622	11,246	-23.3	29,091	35,010	-16.9
Kentucky Total	437	432	751	9,677	12,716	-23.9	32,734	39,419	-17.0
Eastern (KY)	156	152	296	3,514	4,967	-29.3	12,073	16,331	-26.1
Western (KY)	281	280	455	6,163	7,749	-20.5	20,661	23,088	-10.5
Louisiana	18	19	30	302	340	-11.0	1,363	1,466	-7.0
Maryland	21	22	30	442	486	-9.0	1,427	1,325	7.7
Mississippi	35	35	62	673	818	-17.8	2,535	2,903	-12.7
Missouri	2	2	4	45	64	-29.6	169	240	-29.6
Montana	408	448	669	8,325	9,485	-12.2	33,121	36,490	-9.2
New Mexico	221	233	315	4,861	4,859	0.1	14,657	13,192	11.1
North Dakota	306	299	471	6,585	8,891	-25.9	24,560	29,060	-15.5
Ohio	103	95	188	2,144	2,616	-18.0	7,255	8,704	-16.6
Oklahoma	2	2	4	53	80	-33.4	199	591	-66.3
Pennsylvania Total	647	621	1,076	13,447	16,360	-17.8	46,786	50,524	-7.4
Anthracite (PA)	37	39	53	731	712	2.7	2,597	2,041	27.2
Bituminous (PA)	609	582	1,023	12,716	15,649	-18.7	44,189	48,483	-8.9
Tennessee	6	7	8	109	101	7.3	441	255	72.9
Texas	258	282	403	5,788	7,894	-26.7	21,088	24,812	-15.0
Utah	196	186	310	4,300	5,271	-18.4	13,359	14,403	-7.2
Virginia	155	160	250	3,272	4,046	-19.1	11,604	12,815	-9.4
West Virginia Total	1,181	1,190	1,986	25,000	30,953	-19.2	86,370	95,980	-10.0
Northern (WV)	618	602	1,003	13,099	15,759	-16.9	44,144	47,470	-7.0
Southern (WV)	563	588	983	11,901	15,194	-21.7	42,225	48,510	-13.0
Wyoming	3,334	3,309	5,313	68,762	86,217	-20.2	257,966	294,975	-12.5
Appalachian Total	2,445	2,434	4,143	51,855	64,465	-19.6	178,989	200,766	-10.8
Interior Total	1,522	1,559	2,548	34,121	44,574	-23.4	116,480	137,965	-15.6
Western Total	4,612	4,630	7,459	96,216	121,334	-20.7	357,646	409,577	-12.7
East of Mississippi River	3,687	3,687	6,250	79,788	100,662	-20.7	272,650	311,622	-12.5
West of Mississippi River	4,892	4,936	7,900	102,404	129,712	-21.1	380,466	436,685	-12.9
Bituminous and Lignite	8,542	8,584	14,097	181,461	229,662	-21.0	650,519	746,267	-12.8
Anthracite	37	39	53	731	712	2.7	2,597	2,041	27.2
U.S. Total	8,579	8,623	14,150	182,192	230,373	-20.9	653,116	748,308	-12.7
Railroad Cars Loaded	48,128	48,423	80,870	1,009,980	1,280,539	-21.1	3,717,406	4,322,453	-14.0

Source: Energy Information Administration



Weekly Electric Output

Volume 88 No. 17

OUTPUT FOR WEEK ENDED - Apr 25, 2020

Apr 29, 2020

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Apr 25, 2020** was **64,689** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **170** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)

	Week Ended April 25		52 Weeks Ended April 25	
	GWh Output	% Increase Over Corresponding Week of 2019	GWh Output	% Increase Over Corresponding Period of 2019
New England	1,860	-3.0	114,849	-5.4
Mid-Atlantic	6,607	-2.0	419,284	-4.2
Central Industrial	10,152	-8.7	645,094	-5.3
West Central	5,030	-7.4	324,661	-3.9
Southeast	16,424	-4.6	1,013,842	-2.7
South Central	13,087	1.5	770,097	1.0
Rocky Mountain	4,416	-4.0	284,699	0.5
Pacific Northwest	2,737	-1.0	155,716	-1.0
Pacific Southwest	4,376	-10.5	265,435	-3.5
Total United States	64,689	-4.3	3,993,675	-2.5

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2020	Week Ended	2019	% Inc. (20/19)	52 Weeks Ended	2020	% Inc. (20/19)
Apr 04	64,896	Apr 06	68,805	-5.7	Apr 04	4,003,547	-2.4
Apr 11	64,177	Apr 13	68,379	-6.1	Apr 11	3,999,345	-2.5
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
Apr 25	1,218,083	Apr 27	1,267,276	-3.9	YEAR TO DATE, FIRST 17 WEEKS		

WEEKLY ELECTRIC OUTPUT INDEX--TOTAL U.S.*
SEASONALLY ADJUSTED 1982 = 100

Week Ended	2020	Week Ended	2019	Week Ended	2018
Apr 04	164	Apr 06	180	Apr 07	180
Apr 11	164	Apr 13	180	Apr 14	182
Apr 18	164	Apr 20	176	Apr 21	178
Apr 25	170	Apr 27	184	Apr 28	179

* 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		
	25-Apr 2020 GWh Output	27-Apr 2019 GWh Output	% Increase Over Corresponding Week	25-Apr 2020 GWh Output	27-Apr 2019 GWh Output	% Increase Over Corresponding Week	25-Apr 2020 GWh Output	27-Apr 2019 GWh Output	% Increase Over Corresponding Week
New England	1,860	1,918	-3.0%	36,276	38,563	-5.9%	114,849	121,442	-5.4%
Mid-Atlantic	6,607	6,738	-1.9%	128,211	137,441	-6.7%	419,284	437,875	-4.2%
Central Industrial	10,152	11,113	-8.6%	204,740	220,121	-7.0%	645,094	681,075	-5.3%
West Central	5,030	5,429	-7.3%	100,367	105,578	-4.9%	324,661	337,695	-3.9%
Southeast	16,424	17,217	-4.6%	305,467	319,069	-4.3%	1,013,842	1,041,629	-2.7%
South Central	13,087	12,898	1.5%	223,075	222,864	0.1%	770,097	762,251	1.0%
Rocky Mountain	4,416	4,600	-4.0%	85,863	85,053	1.0%	284,699	283,340	0.5%
Pacific Northwest	2,737	2,764	-1.0%	56,215	58,001	-3.1%	155,716	157,303	-1.0%
Pacific Southwest	4,376	4,889	-10.5%	77,869	80,587	-3.4%	265,435	275,002	-3.5%
Total United States ^{1/}	64,689	67,566	-4.3%	1,218,083	1,267,277	-3.9%	3,993,677	4,097,612	-2.5%
Coal Regions Only ^{2/}	55,716	57,995	-3.9%	1,047,723	1,090,126	-3.9%	3,457,677	3,543,865	-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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April 27, 2020

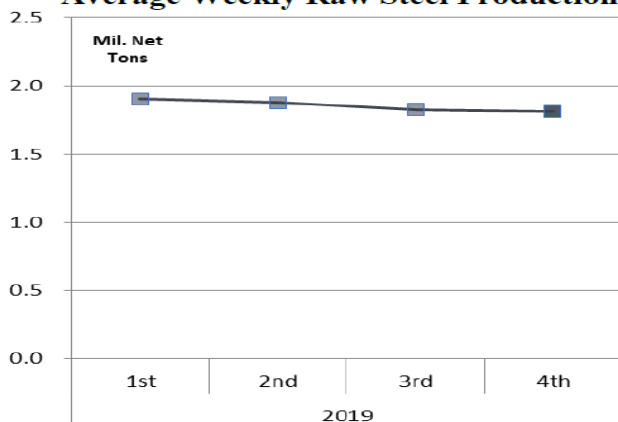
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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>Week Ending</u>	
				<u>Apr 25</u>	<u>Apr 18</u>	
<u>Week Ending</u>				North East	127	116
				Great Lakes	437	443
April 25, 2020	1,250	-2.1	55.8	Midwest	132	124
April 25, 2019	1,892	-33.9	81.3	Southern	501	539
April 18, 2020	1,277	1.7	57.0	Western	<u>53</u>	<u>55</u>
				Total	1,250	1,277
<u>Year-to-Date +</u>						
April 25, 2020	28,850	-8.3	75.4			
April 25, 2019	31,449	-	81.5			

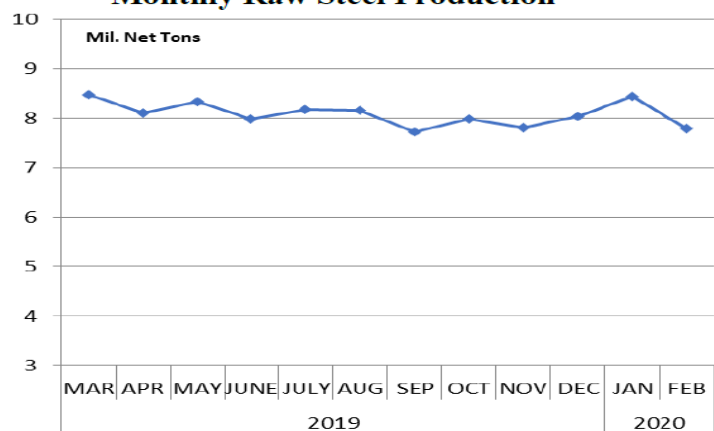
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 17, 2020 – Ended April 25, 2020

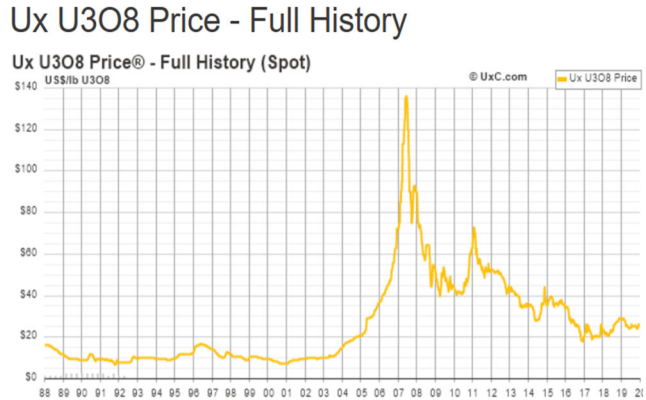
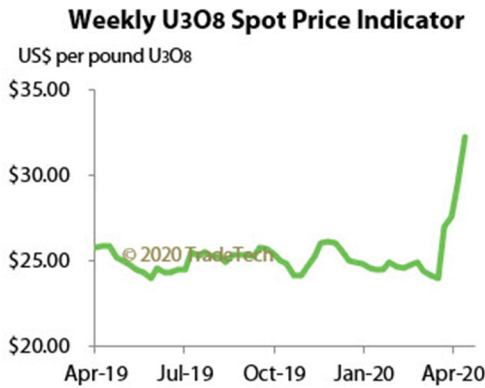
	This Week		Year-To-Date		
	Cars	vs 2019	Cumulative	Avg/wk ²	vs 2019
Total Carloads	192,110	-28.2%	3,784,396	222,612	-10.7%
Chemicals	28,068	-17.6%	544,026	32,002	-0.3%
Coal	48,128	-40.6%	1,040,065	61,180	-21.4%
Farm Products excl. Grain, and Food	13,910	-10.4%	263,150	15,479	-0.6%
Forest Products	8,740	-13.2%	163,154	9,597	-3.7%
Grain	21,691	-13.7%	346,459	20,380	-6.6%
Metallic Ores and Metals	17,496	-30.2%	342,293	20,135	-6.1%
Motor Vehicles and Parts	2,235	-85.9%	206,158	12,127	-26.0%
Nonmetallic Minerals	32,311	-13.6%	504,639	29,685	-8.1%
Petroleum and Petroleum Products	9,510	-30.4%	209,941	12,349	-2.0%
Other	10,021	1.5%	164,511	9,677	4.2%
Total Intermodal Units	222,013	-16.5%	4,045,944	237,997	-10.7%
Total Traffic	414,123	-22.4%	7,830,340	460,608	-10.7%

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.

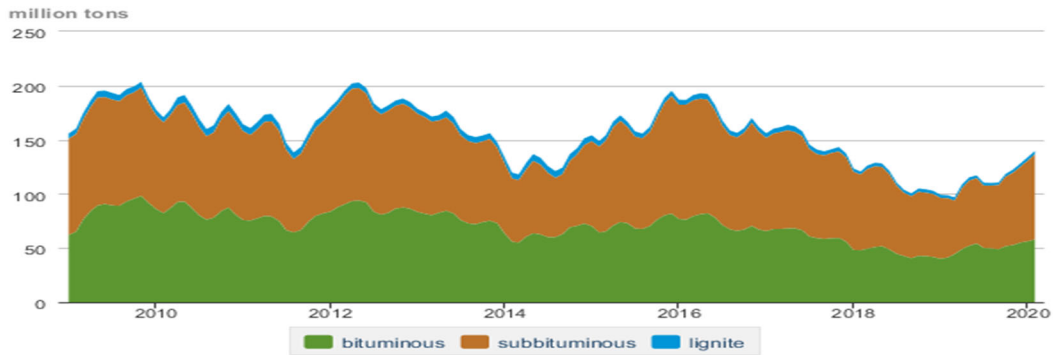
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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

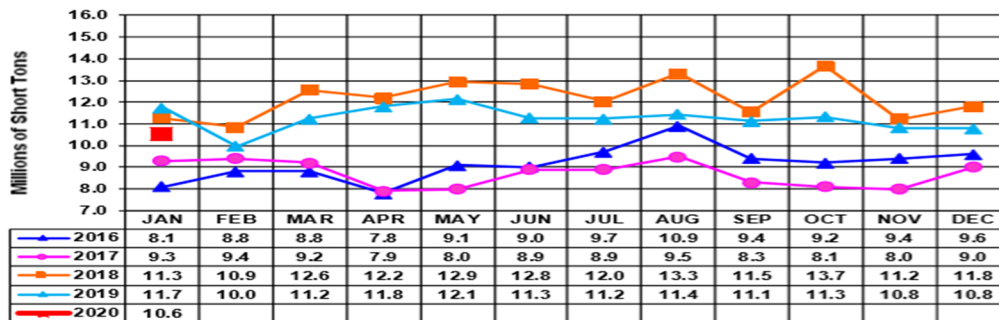


Source: U.S. Energy Information Administration

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.

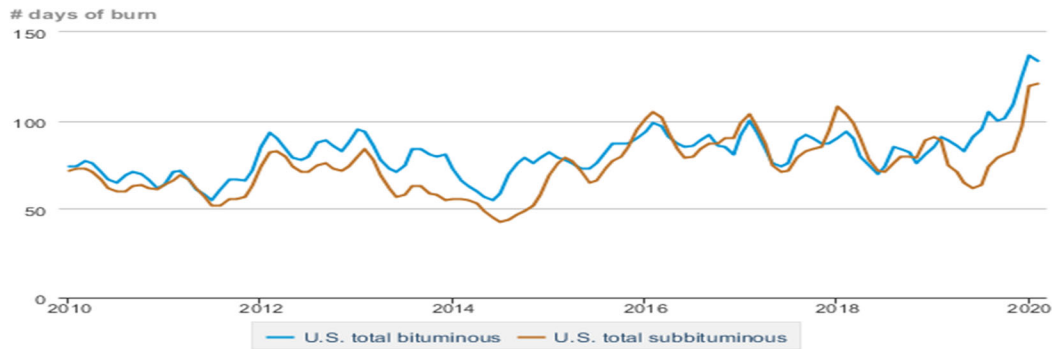
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	03/27/20	04/03/20	04/10/20	04/17/20	04/24/20	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$53.55	\$55.20	\$55.20	\$55.20	\$55.20	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.40	\$46.80	\$46.80	\$46.80	\$46.80	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$33.30	\$33.30	\$33.30	\$33.30	\$33.30	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.60	\$11.55	\$11.55	\$11.55	\$11.55	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$30.70	\$30.60	\$30.60	\$30.60	\$30.60	\$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 16)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	141	2	41	0	0	0
Middle Atlantic	136	14	54	0	0	0
E N Central	169	44	53	0	0	0
W N Central	188	72	53	0	-1	-1
South Atlantic	76	16	46	30	16	2
E S Central	94	39	60	0	-5	-8
W S Central	55	29	23	14	-5	-6
Mountain	159	43	34	0	-7	-2
Pacific	72	4	5	0	-3	0
United States	123	29	40	7	2	-1

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	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*

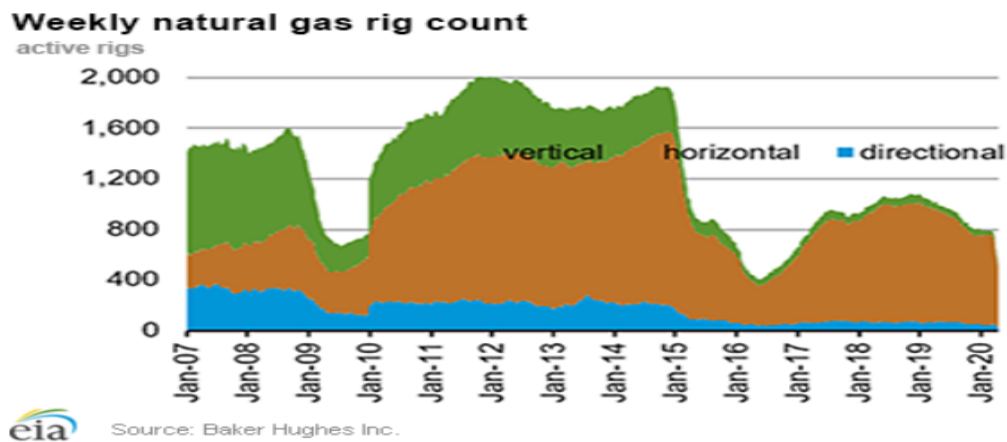
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2020-04-17	2020-04-10	change
East	400	400	0
Midwest	493	487	6
Mountain	96	95	1
Pacific	210	203	7
South Central	941	912	29
Total	2,140	2,097	43

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*