

National Mining Association

Weekly Statistical Summary

July 26, 2019 Edition
(Data for Week Ending July 20, 2019)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 57, No. 29
Dated 07/26/19

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/20/19	07/21/18	% Chng	07/20/19	07/21/18	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,473	14,539	-7.3%	389,469	408,065	-4.6%
52 Weeks Ended	735,583	756,890	-2.8%			
AAR Coal Rail Cars Loaded:	78,583	85,865	-8.5%	2,226,206	2,368,390	-6.0%
DOC Coal Trade (000 Tons)						
Exports:						
	May 19/18		% Chng	Jan - May 19/18		% Chng
Metallurgical	5,298	5,575	-5.0%	23,816	26,340	-9.6%
Steam Bit. *	3,779	4,053	-6.8%	18,636	21,516	-13.4%
Lignite	7	7	0.0%	39	39	0.0%
Anthracite	6	14	-57.1%	114	84	35.7%
Total	9,090	9,649	-5.8%	42,605	47,979	-11.2%
Imports:						
	408	544	-25.0%	2,633	2,405	9.5%
EI Electric Total Output (Mil. Kwh)						
	Week Ended		% Chng	Cumulative Week 1 to		% Chng
	07/20/19	07/21/18		07/20/19	07/21/18	
EI Electric Total Output (Mil. Kwh)	95,459	92,868	2.8%	2,228,762	2,284,257	-2.4%
EI Coal Region Output (Mil. Kwh)	83,922	80,628	4.1%	1,931,120	1,979,175	-2.4%
AISI Raw Steel Output (000 Tons)	1,872	1,838	1.8%	54,197	51,593	5.0%

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)	
	07/19/19	07/12/19	% Chng	Wed.	07/17/19
Central App, 12,500 Btu, 1.2 SO ₂	\$65.55	\$54.55	20.2%	Henry Hub	2.38
Northern App, 13,000 Btu, < 3.0 SO ₂	48.30	48.30	0.0%	New York	2.41
Illinois Basin, 11,800, 5.0 SO ₂	39.10	39.10	0.0%	Chicago	2.26
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.10	11.95	1.3%	Cal.Comp.Avg.	2.41
Uinta Basin, 11,700 Btu, 0.8 SO ₂	35.00	35.00	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		
	7/20/2019 (week 29)	7/13/2019 (week 28)	7/21/2018 (week 29)	7/20/2019	7/20/2018	% Change	7/20/2019	7/21/2018	% Change
Alabama	280	284	270	8,297	8,147	1.8	14,796	13,508	9.5
Alaska	15	17	14	481	459	4.6	921	910	1.2
Arizona	123	123	128	3,495	3,568	-2.0	6,461	6,452	0.1
Colorado	261	261	271	7,502	7,791	-3.7	13,701	14,023	-2.3
Illinois	919	937	929	27,277	27,341	-0.2	49,403	47,769	3.4
Indiana	649	683	625	19,489	18,586	4.9	35,159	32,361	8.6
Kentucky Total	690	709	727	21,030	22,195	-5.2	38,531	39,913	-3.5
Eastern (KY)	280	285	311	8,508	9,694	-12.2	15,905	17,696	-10.1
Western (KY)	410	424	416	12,522	12,501	0.2	22,626	22,217	1.8
Louisiana	37	32	38	754	783	-3.7	1,450	1,405	3.2
Maryland	18	20	21	657	726	-9.5	1,227	1,467	-16.4
Mississippi	68	64	64	1,610	1,585	1.6	2,957	2,528	17.0
Missouri	4	5	5	124	142	-12.6	240	252	-4.8
Montana	663	710	714	17,797	20,081	-11.4	36,234	38,052	-4.8
New Mexico	289	266	227	6,379	4,382	45.6	12,759	9,650	32.2
North Dakota	529	552	591	15,594	16,027	-2.7	29,133	29,423	-1.0
Ohio	156	160	179	4,139	4,621	-10.4	8,488	8,929	-4.9
Oklahoma	12	10	15	342	359	-4.9	591	609	-3.0
Pennsylvania Total	883	926	871	27,078	28,000	-3.3	48,933	49,386	-0.9
Anthracite (PA)	38	37	35	1,074	1,013	6.0	1,953	1,827	6.9
Bituminous (PA)	845	888	836	26,004	26,988	-3.6	46,980	47,559	-1.2
Tennessee	4	4	4	116	130	-10.6	218	271	-19.6
Texas	378	366	496	12,273	13,900	-11.7	23,131	31,195	-25.9
Utah	242	247	260	7,734	7,389	4.7	13,908	14,098	-1.3
Virginia	226	232	241	6,681	7,187	-7.0	12,474	12,970	-3.8
West Virginia Total	1,704	1,772	1,765	51,738	53,536	-3.4	93,721	94,866	-1.2
Northern (WV)	841	875	845	25,356	25,193	0.6	46,168	45,735	0.9
Southern (WV)	862	897	920	26,382	28,342	-6.9	47,553	49,131	-3.2
Wyoming	5,323	5,494	6,083	148,883	161,132	-7.6	291,148	306,854	-5.1
Appalachian Total	3,550	3,684	3,662	107,214	112,041	-4.3	195,760	199,093	-1.7
Interior Total	2,478	2,521	2,588	74,390	75,196	-1.1	135,556	138,335	-2.0
Western Total	7,446	7,670	8,289	207,865	220,829	-5.9	404,267	419,462	-3.6
East of Mississippi River	5,597	5,792	5,696	168,112	172,053	-2.3	305,905	303,968	0.6
West of Mississippi River	7,876	8,082	8,843	221,357	236,013	-6.2	429,678	452,922	-5.1
Bituminous and Lignite	13,436	13,837	14,504	388,396	407,053	-4.6	733,630	755,063	-2.8
Anthracite	38	37	35	1,074	1,013	6.0	1,953	1,827	6.9
U.S. Total	13,473	13,874	14,539	389,469	408,065	-4.6	735,583	756,890	-2.8
Railroad Cars Loaded	78,583	80,874	85,865	2,226,206	2,368,390	-6.0	4,263,198	4,414,723	-3.4

Source: Energy Information Administration



Weekly Electric Output

Volume 87 No. 29

OUTPUT FOR WEEK ENDED - Jul 20, 2019

Jul 24, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jul 20, 2019** was **95,459** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **187** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended July 20		52 Weeks Ended July 20	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,876	9.2	120,285	0.0
Mid-Atlantic	10,962	12.8	435,580	1.0
Central Industrial	16,065	9.2	670,978	-0.8
West Central	8,196	8.3	331,720	-1.0
Southeast	23,508	2.7	1,038,280	0.0
South Central	18,455	-3.2	753,991	0.2
Rocky Mountain	6,736	0.9	280,308	1.1
Pacific Northwest	2,663	-6.2	156,926	-0.4
Pacific Southwest	5,998	-11.4	270,161	-3.2
Total United States	95,459	2.8	4,058,229	-0.2

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Jun 29	85,904	Jun 30	89,162	-3.7	Jun 29	4,060,718	-0.1
Jul 06	88,671	Jul 07	92,272	-3.9	Jul 06	4,057,117	-0.3
Jul 13	89,586	Jul 14	91,064	-1.6	Jul 13	4,055,639	-0.3
Jul 20	95,459	Jul 21	92,868	2.8	Jul 20	4,058,229	-0.2
Jul 20	2,228,762	Jul 21	2,284,257	-2.4	YEAR TO DATE, FIRST 29 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Jun 29	188	Jun 30	191	Jul 01	172
Jul 06	195	Jul 07	200	Jul 08	188
Jul 13	192	Jul 14	191	Jul 15	188
Jul 20	187	Jul 21	179	Jul 22	186

* 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		
	20-Jul 2019 GWh Output	21-Jul 2018 GWh Output	% Increase Over Corresponding Week of 2018	20-Jul 2019 GWh Output	21-Jul 2018 GWh Output	% Increase Over Corresponding Week of 2018	20-Jul 2019 GWh Output	21-Jul 2018 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,876	2,633	9.2%	64,891	66,816	-2.9%	120,285	120,286	0.0%
Mid-Atlantic	10,962	9,721	12.8%	237,621	242,438	-2.0%	435,580	431,335	1.0%
Central Industrial	16,065	14,708	9.2%	373,505	387,107	-3.5%	670,978	676,360	-0.8%
West Central	8,196	7,571	8.3%	183,084	189,258	-3.3%	331,720	334,941	-1.0%
Southeast	23,508	22,900	2.7%	572,501	586,124	-2.3%	1,038,280	1,038,394	0.0%
South Central	18,455	19,055	-3.1%	414,990	423,940	-2.1%	753,991	752,827	0.2%
Rocky Mountain	6,736	6,673	0.9%	149,419	150,308	-0.6%	280,308	277,189	1.1%
Pacific Northwest	2,663	2,840	-6.2%	90,033	89,052	1.1%	156,926	157,482	-0.4%
Pacific Southwest	5,998	6,767	-11.4%	142,719	149,212	-4.4%	270,161	279,129	-3.2%
Total United States ^{1/}	95,459	92,868	2.8%	2,228,763	2,284,255	-2.4%	4,058,229	4,067,943	-0.2%
Coal Regions Only ^{2/}	83,922	80,628	4.1%	1,931,120	1,979,175	-2.4%	3,510,857	3,511,046	0.0%

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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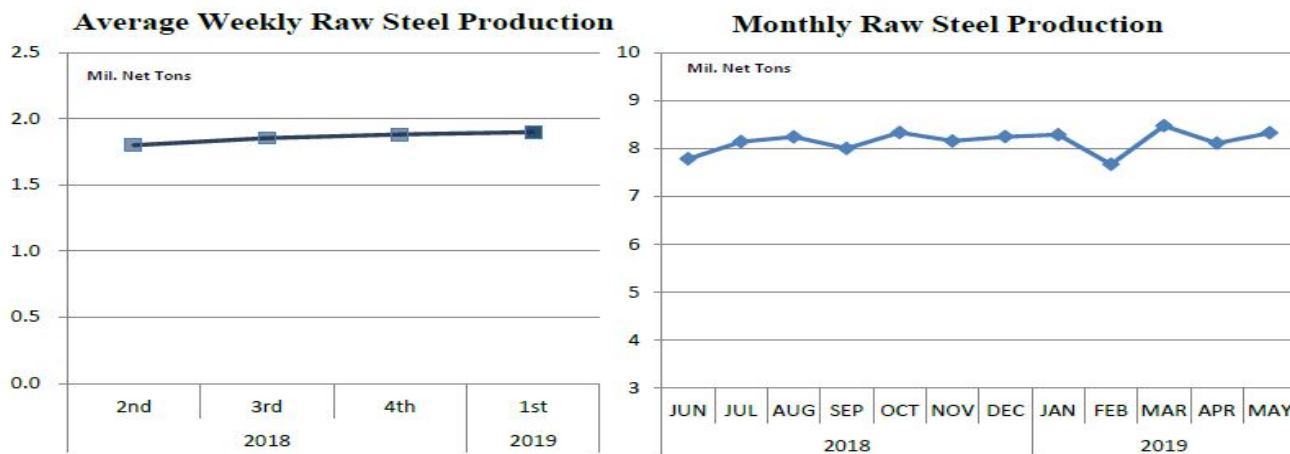
July 22, 2019

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 20</u>	<u>Jul 13</u>	
<u>Week Ending</u>				North East	205	195
				Great Lakes	685	683
July 20, 2019	1,872	0.3	80.4	Midwest	204	205
July 20, 2018	1,838	1.8	78.4	Southern	697	709
July 13, 2019	1,867	1.1	80.2	Western	81	75
				Total	1,872	1,867
<u>Year-to-Date +</u>						
July 20, 2019	54,197	5.0	81.1			
July 20, 2018	51,593	-	77.0			

*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 2019 is approximately 30.6 million net tons vs. 30.8 million net tons for the same period last year, and 30.3 million tons for the second quarter of 2019.



*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 29, 2019 – Ended July 20, 2019

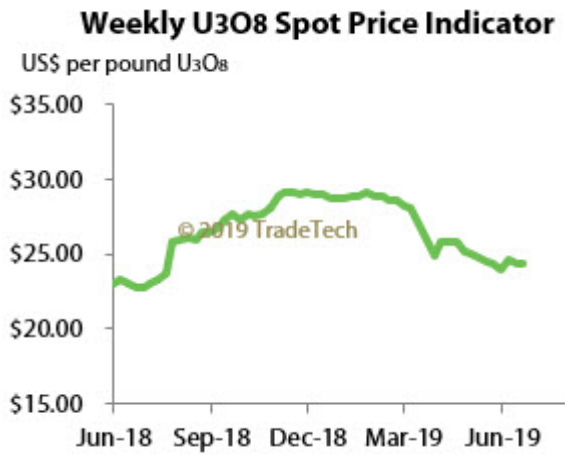
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk ²	vs 2018
Total Carloads	254,434	-4.2%	7,288,173	251,316	-3.1%
Chemicals	31,517	-1.6%	935,430	32,256	-0.2%
Coal	78,583	-8.5%	2,245,860	77,443	-6.0%
Farm Products excl. Grain, and Food	15,795	-1.6%	450,832	15,546	-3.8%
Forest Products	9,649	-6.5%	287,113	9,900	-3.2%
Grain	22,705	-4.6%	641,727	22,129	-4.5%
Metallic Ores and Metals	22,400	-7.3%	636,362	21,944	-4.2%
Motor Vehicles and Parts	13,972	0.7%	466,604	16,090	-2.5%
Nonmetallic Minerals	37,100	-2.6%	980,565	33,813	-5.8%
Petroleum and Petroleum Products	12,121	9.2%	370,488	12,775	22.1%
Other	10,592	4.8%	273,192	9,420	-0.6%
Total Intermodal Units	271,576	-5.6%	7,690,683	265,196	-3.5%
Total Traffic	526,010	-4.9%	14,978,856	516,512	-3.4%

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.

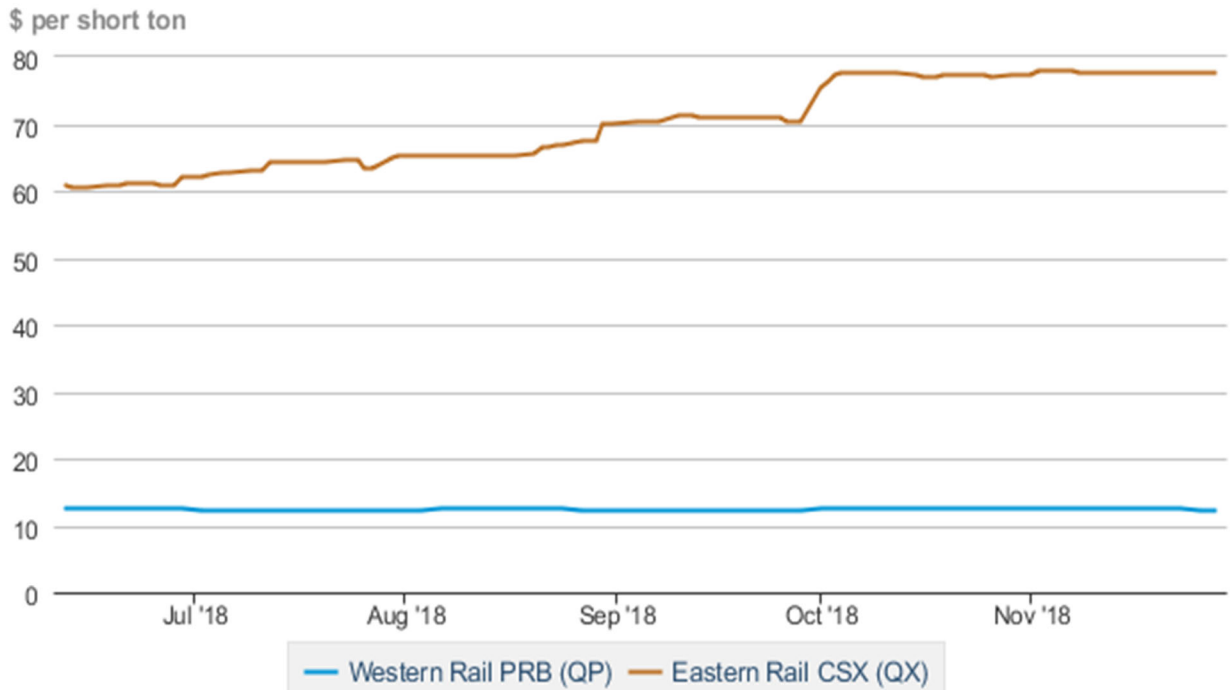
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

NYMEX coal futures near-month contract final settlement price



 Source: The New York Mercantile Exchange (NYMEX), Daily Energy Bulletin.

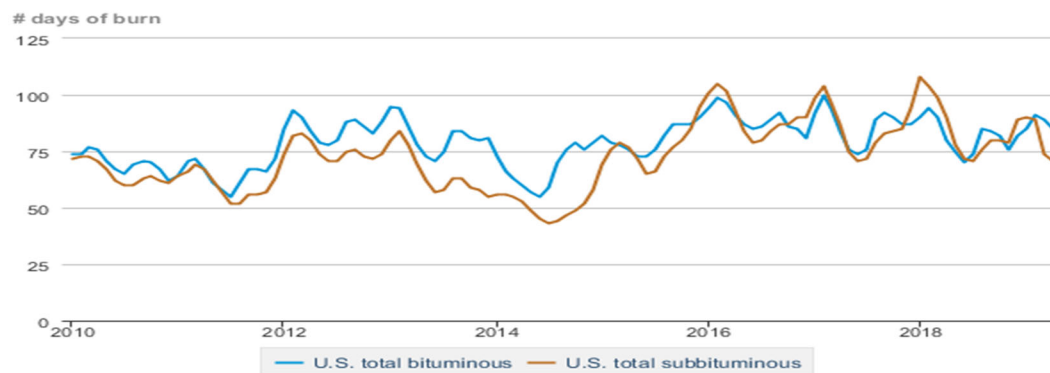
Source: Energy Information Administration **Note: EIA has discontinued reporting NYMEX coal Futures price data.**

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	06/21/19	06/28/19	07/05/19	07/12/19	07/19/19	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$61.05	\$61.05	\$61.05	\$54.55	\$65.55	\$11.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$52.20	\$52.20	\$52.20	\$48.30	\$48.30	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$39.10	\$39.10	\$39.10	\$39.10	\$39.10	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.25	\$12.25	\$12.25	\$11.95	\$12.10	\$0.15
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$35.75	\$35.75	\$35.75	\$35.00	\$35.00	\$0.00

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

Days of burn by non-lignite coal rank, January 2009 - April 2019



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jul 11)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	0	-1	-1	58	21	3
Middle Atlantic	0	-1	-1	74	21	9
E N Central	0	-1	-2	76	23	14
W N Central	0	-3	0	71	4	-11
South Atlantic	0	0	0	110	15	16
E S Central	0	0	0	115	24	14
W S Central	0	0	0	133	12	14
Mountain	1	-6	1	72	-3	-25
Pacific	2	-3	1	36	-3	-42
United States	1	-2	0	83	12	0

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

Source: National Oceanic and Atmospheric Administration

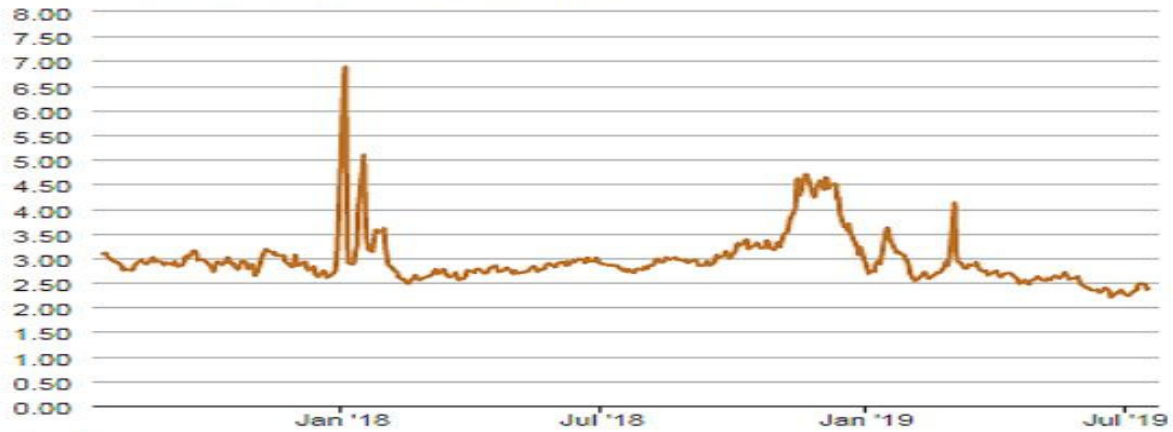
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2019 Year to Date - 1st Quarter	2018 Year to Date - 1st Quarter	Percent Change
Aluminum, secondary (000 Mt.)	209.0	209.0	0%
Cement (Mil. Mt.)	17.0	16.8	1%
Copper (000 Mt.)	299.0	287.0	4%
Gold (Mt.)	53.2	51.7	3%
Gypsum (Mil. Mt.)	4.2	3.8	11%
Iron Ore (Mil. Mt.)	10.8	11.6	-7%
Lead (000 Mt.)	W	W	N/A
Molybdenum (000 Mt.)	10.5	10.7	-2%
Phosphate rock (Mil. Mt.)	5.3	6.5	-18%
Sand & gravel, construction (Mil. Mt.)	168.0	163.0	3%
Silver (Mt.)	237.0	212.0	12%
Soda ash (Mil. Mt.)	2.9	3.0	-3%
Stone, crushed (Mil. Mt.)	281.0	250.0	12%
Zinc (000 Mt.)	166.0	174.0	-5%

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: 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 2019		April 2018			March 2019		
		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	3,431	156	3,332	88	3.0%	3,295	147	4.1%
	Subbituminous	163	278	79	233	105.9%	150	259	9.0%
South	Bituminous	21,570	84	23,747	78	-9.2%	20,009	90	7.8%
	Subbituminous	4,413	52	7,259	75	-39.2%	3,963	58	11.4%
Midwest	Bituminous	9,249	77	10,838	76	-14.7%	7,934	75	16.6%
	Subbituminous	19,535	75	33,992	95	-42.5%	16,263	74	20.1%
West	Bituminous	3,480	80	4,976	102	-30.1%	3,267	89	6.5%
	Subbituminous	19,728	73	27,300	88	-27.7%	19,080	79	3.4%
U.S. Total	Bituminous	37,731	85	42,894	80	-12.0%	34,505	89	9.3%
	Subbituminous	43,839	71	68,631	90	-36.1%	39,456	74	11.1%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

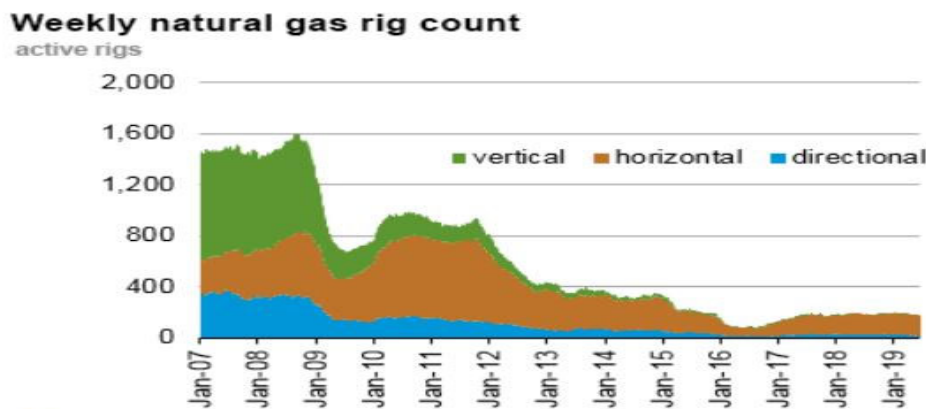
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2019-07-12	2019-07-05	change
East	561	544	17
Midwest	627	597	30
Mountain	147	140	7
Pacific	268	263	5
South Central	929	927	2
Total	2,533	2,471	62

Source: Form EIA-912, *Weekly Underground Natural Gas Storage Report*

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

EIA Natural Gas Rig Count



Source: Baker Hughes Inc.

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 2019	August 2019	change	July 2019	August 2019	change
Anadarko	437	443	6	2,858	2,862	4
Appalachia	142	142	-	17,836	17,831	(5)
Bakken	1,409	1,424	15	2,044	2,069	25
Eagle Ford	1,346	1,350	4	4,824	4,836	12
Haynesville	26	26	-	10,116	10,122	6
Niobrara	1,232	1,234	2	4,448	4,476	28
Permian	672	684	12	1,211	1,217	6
Rig-weighted average	705	715	10	4,064	4,054	(10)

Source: Energy Information Administration, *Drilling Productivity Report*