

National Mining Association

Weekly Statistical Summary

August 30, 2019 Edition
(Data for Week Ending August 24, 2019)

Prepared by
National Mining Association



Suite 500 East, 101 Constitution Avenue, NW
Washington, DC, 20001
Phone (202) 463-2600
Visit us at <http://www.nma.org>

NMA Weekly Statistical Summary

Vol. 57, No. 34
Dated 08/30/19

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	08/24/19	08/25/18	% Chng	08/24/19	08/25/18	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,934	15,459	-9.9%	459,560	485,291	-5.3%
52 Weeks Ended	728,427	755,443	-3.6%			
AAR Coal Rail Cars Loaded:	81,319	91,300	-10.9%	2,635,212	2,823,960	-6.7%
Coal Production	July 19/18		% Chng	Jan - July 19/18		% Chng
Month Ended - July	58,245	62,969	-7.5%	411,571	431,453	-4.6%
DOC Coal Trade (000 Tons)						
Exports:	June 19/18		% Chng	Jan - June 19/18		% Chng
Metallurgical	5,189	5,480	-5.3%	29,005	31,820	-8.8%
Steam Bit. *	2,747	4,650	-40.9%	21,383	26,166	-18.3%
Lignite	8	5	60.0%	47	44	6.8%
Anthracite	7	6	16.7%	121	90	34.4%
Total	7,951	10,141	-21.6%	50,556	58,120	-13.0%
Imports:	660	509	29.7%	3,293	2,913	13.0%
	Week Ended			Cumulative Week 1 to		
	08/24/19	08/25/18	% Chng	08/24/19	08/25/18	% Chng
EI Electric Total Output (Mil. Kwh)	89,601	85,509	4.8%	2,678,478	2,734,044	-2.0%
EI Coal Region Output (Mil. Kwh)	78,218	74,145	5.5%	2,322,237	2,366,593	-1.9%
AISI Raw Steel Output (000 Tons)	1,877	1,861	0.9%	63,546	60,862	4.4%

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)	
	08/23/19	08/16/19	% Chng	Wed.	08/21/19
Central App, 12,500 Btu, 1.2 SO ₂	\$60.30	\$62.05	-2.8%	Henry Hub	2.25
Northern App, 13,000 Btu, < 3.0 SO ₂	49.80	49.80	0.0%	New York	2.05
Illinois Basin, 11,800, 5.0 SO ₂	39.10	39.10	0.0%	Chicago	2.08
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.10	12.05	0.4%	Cal.Comp.Avg.	2.26
Uinta Basin, 11,700 Btu, 0.8 SO ₂	34.85	34.85	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



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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		
	8/24/2019 (week 34)	8/17/2019 (week 33)	8/25/2018 (week 34)	8/24/2019	8/24/2018	% Change	8/24/2019	8/25/2018	% Change
Alabama	288	305	290	9,747	9,656	0.9	14,836	13,877	6.9
Alaska	17	16	15	562	534	5.2	928	890	4.3
Arizona	124	133	137	4,127	4,249	-2.9	6,411	6,584	-2.6
Colorado	262	284	288	8,845	9,229	-4.2	13,604	14,200	-4.2
Illinois	938	995	984	32,023	32,181	-0.5	49,196	48,059	2.4
Indiana	690	720	669	22,938	22,139	3.6	35,309	32,817	7.6
Kentucky Total	711	752	770	24,620	26,016	-5.4	38,245	39,800	-3.9
Eastern (KY)	285	304	328	9,958	11,310	-12.0	15,686	17,615	-11.0
Western (KY)	425	448	442	14,663	14,705	-0.3	22,559	22,186	1.7
Louisiana	32	38	41	929	986	-5.7	1,422	1,542	-7.8
Maryland	20	21	22	757	836	-9.4	1,216	1,404	-13.4
Mississippi	65	72	68	1,949	1,926	1.2	2,954	2,688	9.9
Missouri	5	5	5	148	168	-12.0	238	252	-5.6
Montana	713	728	760	21,316	23,871	-10.7	35,956	37,656	-4.5
New Mexico	267	281	242	7,753	5,588	38.7	12,925	9,584	34.9
North Dakota	555	579	629	18,371	19,165	-4.1	28,767	29,572	-2.7
Ohio	161	165	191	4,941	5,573	-11.3	8,336	8,933	-6.7
Oklahoma	12	16	19	412	526	-21.7	600	724	-17.1
Pennsylvania Total	930	981	926	31,746	32,622	-2.7	48,972	49,331	-0.7
Anthracite (PA)	38	40	37	1,266	1,197	5.7	1,960	1,845	6.2
Bituminous (PA)	892	941	889	30,481	31,425	-3.0	47,012	47,485	-1.0
Tennessee	4	4	5	135	153	-12.1	213	258	-17.4
Texas	368	405	527	14,182	16,531	-14.2	22,404	30,045	-25.4
Utah	247	261	277	8,983	8,790	2.2	13,775	14,189	-2.9
Virginia	233	246	256	7,855	8,464	-7.2	12,370	12,938	-4.4
West Virginia Total	1,774	1,878	1,872	60,675	62,684	-3.2	93,258	95,363	-2.2
Northern (WV)	879	923	898	29,768	29,675	0.3	46,091	46,075	s
Southern (WV)	895	955	974	30,906	33,008	-6.4	47,167	49,288	-4.3
Wyoming	5,518	5,757	6,468	176,547	193,404	-8.7	286,490	304,734	-6.0
Appalachian Total	3,695	3,903	3,889	125,814	131,299	-4.2	194,887	199,720	-2.4
Interior Total	2,535	2,700	2,756	87,244	89,163	-2.2	134,683	138,313	-2.6
Western Total	7,703	8,039	8,814	246,503	264,830	-6.9	398,857	417,410	-4.4
East of Mississippi River	5,814	6,139	6,053	197,387	202,251	-2.4	304,906	305,470	-0.2
West of Mississippi River	8,120	8,504	9,406	262,173	283,041	-7.4	423,521	449,973	-5.9
Bituminous and Lignite	13,896	14,602	15,422	458,295	484,094	-5.3	726,467	753,597	-3.6
Anthracite	38	40	37	1,266	1,197	5.7	1,960	1,845	6.2
U.S. Total	13,934	14,643	15,459	459,560	485,291	-5.3	728,427	755,443	-3.6
Railroad Cars Loaded	81,319	85,454	91,300	2,635,212	2,823,960	-6.7	4,215,924	4,397,271	-4.1

Source: Energy Information Administration

EEI

Weekly Electric Output

Volume 87 No. 34

OUTPUT FOR WEEK ENDED - Aug 24, 2019

Aug 28, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Aug 24, 2019** was **89,601** 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 August 24		52 Weeks Ended August 24	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,686	12.8	119,578	-1.8
Mid-Atlantic	9,963	13.1	435,761	0.2
Central Industrial	13,733	3.6	670,553	-1.3
West Central	6,963	4.8	331,581	-1.5
Southeast	22,166	4.1	1,038,963	0.2
South Central	18,542	5.5	757,620	0.2
Rocky Mountain	6,851	4.2	280,081	0.2
Pacific Northwest	2,652	0.2	156,660	-0.7
Pacific Southwest	6,045	-4.6	267,362	-4.9
Total United States	89,601	4.8	4,058,158	-0.6

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Aug 03	90,616	Aug 04	88,440	2.5	Aug 03	4,057,893	-0.3
Aug 10	90,200	Aug 11	92,989	-3.0	Aug 10	4,055,104	-0.6
Aug 17	90,024	Aug 18	91,061	-1.1	Aug 17	4,054,066	-0.7
Aug 24	89,601	Aug 25	85,509	4.8	Aug 24	4,058,158	-0.6
Aug 24	2,678,478	Aug 25	2,734,044	-2.0	YEAR TO DATE, FIRST 34 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Aug 03	181	Aug 04	172	Aug 05	170
Aug 10	181	Aug 11	184	Aug 12	166
Aug 17	185	Aug 18	173	Aug 19	178
Aug 24	186	Aug 25	163	Aug 26	173

* 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		
	24-Aug 2019 GWh Output	25-Aug 2018 GWh Output	% Increase Over Corresponding Week of 2018	24-Aug 2019 GWh Output	25-Aug 2018 GWh Output	% Increase Over Corresponding Week of 2018	24-Aug 2019 GWh Output	25-Aug 2018 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,686	2,381	12.8%	78,174	80,806	-3.3%	119,578	121,743	-1.8%
Mid-Atlantic	9,963	8,805	13.2%	287,100	291,735	-1.6%	435,761	434,963	0.2%
Central Industrial	13,733	13,254	3.6%	442,976	457,004	-3.1%	670,553	679,217	-1.3%
West Central	6,963	6,641	4.8%	218,617	224,930	-2.8%	331,581	336,592	-1.5%
Southeast	22,166	21,300	4.1%	683,382	696,322	-1.9%	1,038,963	1,036,835	0.2%
South Central	18,542	17,568	5.5%	507,022	512,345	-1.0%	757,620	756,125	0.2%
Rocky Mountain	6,851	6,577	4.2%	183,140	184,257	-0.6%	280,081	279,606	0.2%
Pacific Northwest	2,652	2,647	0.2%	103,968	103,252	0.7%	156,660	157,720	-0.7%
Pacific Southwest	6,045	6,336	-4.6%	174,101	183,392	-5.1%	267,362	281,113	-4.9%
Total United States ^{1/}	89,601	85,509	4.8%	2,678,480	2,734,043	-2.0%	4,058,159	4,083,914	-0.6%
Coal Regions Only ^{2/}	78,218	74,145	5.5%	2,322,237	2,366,593	-1.9%	3,514,559	3,523,338	-0.2%

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*.

AMERICAN IRON AND STEEL INSTITUTE
 25 Massachusetts Avenue, NW, Suite 800
 Washington, D.C. 20001

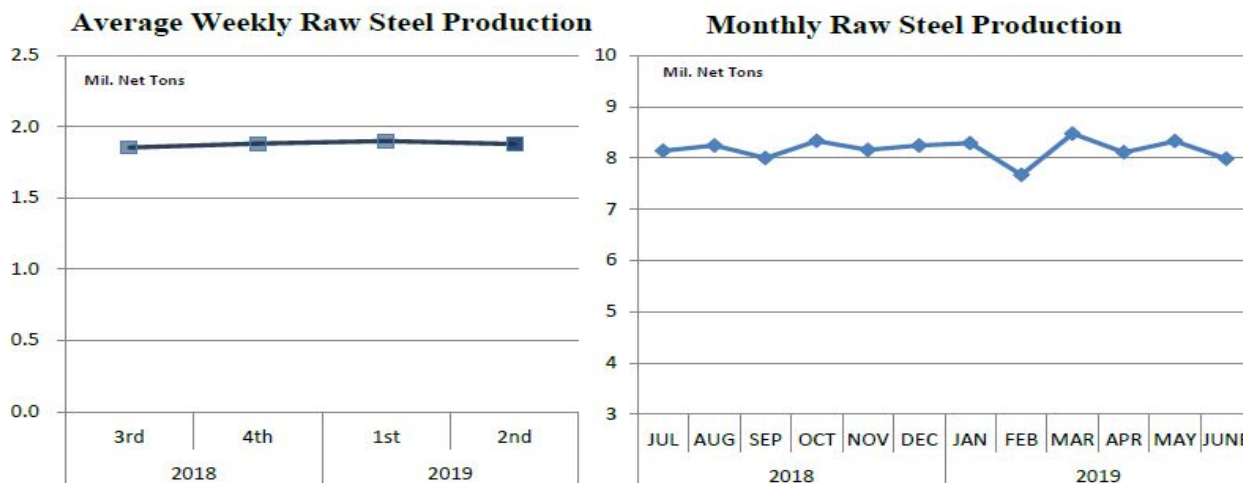
August 26, 2019

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 Aug 24</u>	<u>Week Ending Aug 17</u>	
<u>Week Ending</u>				North East	202	205
				Great Lakes	681	686
August 24, 2019	1,877	1.1	80.6	Midwest	204	190
August 24, 2018	1,861	0.9	79.4	Southern	719	702
August 17, 2019	1,857	-0.5	79.8	Western	71	74
				Total	1,877	1,857
<u>Year-to-Date +</u>						
August 24, 2019	63,546	4.4	81.0			
August 24, 2018	60,862	-	77.3			

*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 34, 2019 – Ended August 24, 2019

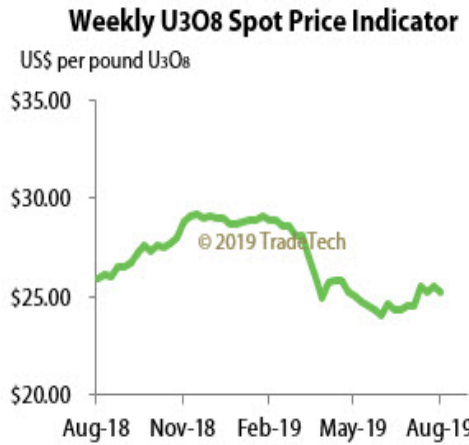
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk ²	vs 2018
Total Carloads	261,031	-5.3%	8,603,107	253,033	-3.4%
Chemicals	32,789	0.7%	1,097,926	32,292	-0.2%
Coal	81,319	-11.1%	2,654,864	78,084	-6.7%
Farm Products excl. Grain, and Food	15,249	-4.4%	529,599	15,576	-3.8%
Forest Products	9,743	-10.1%	336,084	9,885	-4.1%
Grain	21,209	-4.0%	749,127	22,033	-5.0%
Metallic Ores and Metals	21,435	-15.7%	751,457	22,102	-4.8%
Motor Vehicles and Parts	17,422	3.6%	549,344	16,157	-2.1%
Nonmetallic Minerals	38,680	-1.3%	1,176,533	34,604	-4.5%
Petroleum and Petroleum Products	12,212	7.8%	433,331	12,745	20.2%
Other	10,973	9.6%	324,842	9,554	0.1%
Total Intermodal Units	271,452	-6.5%	9,055,095	266,326	-3.8%
Total Traffic	532,483	-5.9%	17,658,202	519,359	-3.6%

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.

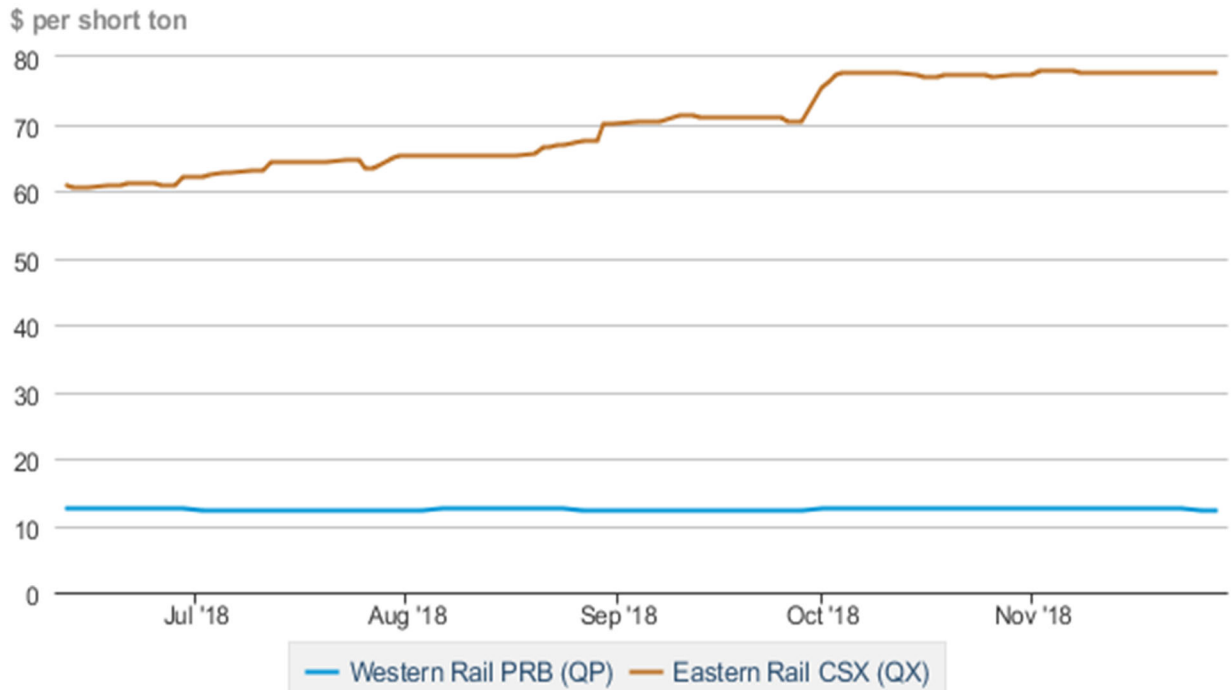
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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.

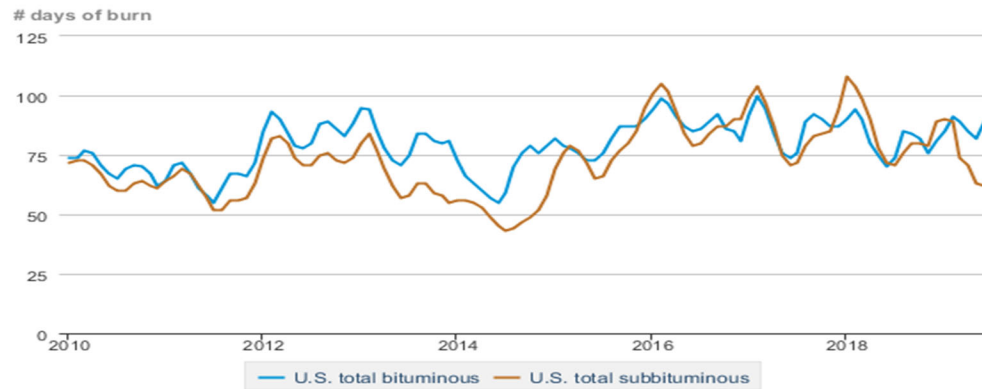
Source: Energy Information Administration **Note: EIA has discontinued reporting NYMEX coal Futures price data.**

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	07/26/19	08/02/19	08/09/19	08/16/19	08/23/19	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$65.55	\$65.80	\$65.80	\$62.05	\$60.30	-\$1.75
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.30	\$49.80	\$49.80	\$49.80	\$49.80	\$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	\$12.10	\$12.05	\$12.05	\$12.05	\$12.10	\$0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$35.00	\$34.85	\$34.85	\$34.85	\$34.85	\$0.00

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

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



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Aug 15)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	2	-2	1	34	-4	-24
Middle Atlantic	1	-2	1	48	-4	-19
E N Central	2	-3	2	47	-2	-16
W N Central	2	-1	2	61	-2	-11
South Atlantic	0	0	0	110	18	11
E S Central	0	0	0	109	20	17
W S Central	0	0	0	149	26	33
Mountain	1	-4	1	80	9	-2
Pacific	0	-2	0	53	8	-20
United States	1	-2	1	77	8	-4

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



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	June 2019		June 2018		% Change of Stocks	May 2019		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	4,129	196	3,408	85	21.1%	3,956	194	4.4%
	Subbituminous	163	227	147	213	11.4%	163	250	0.0%
South	Bituminous	23,997	88	21,552	62	11.3%	22,319	80	7.5%
	Subbituminous	4,739	45	6,246	55	-24.1%	5,071	50	-6.6%
Midwest	Bituminous	11,195	81	10,802	73	3.6%	10,056	72	11.3%
	Subbituminous	22,647	73	31,480	79	-28.1%	22,226	73	1.9%
West	Bituminous	3,776	71	5,317	99	-29.0%	3,971	79	-4.9%
	Subbituminous	19,618	58	24,961	69	-21.4%	19,636	58	-0.1%
U.S. Total	Bituminous	43,097	89	41,080	70	4.9%	40,302	82	6.9%
	Subbituminous	47,167	62	62,833	72	-24.9%	47,096	63	0.2%

Source: Energy Information Administration, *Electricity Monthly Update*

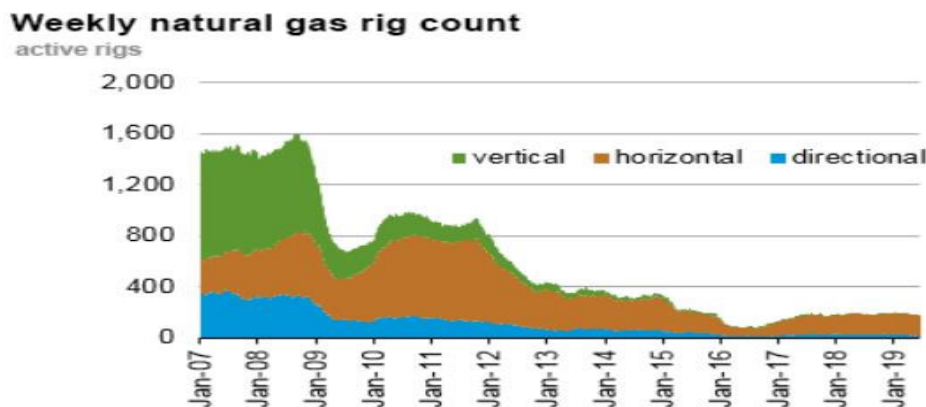
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2019-08-16	2019-08-09	change
East	660	634	26
Midwest	760	729	31
Mountain	168	164	4
Pacific	274	272	2
South Central	935	939	-4
Total	2,797	2,738	59

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		
	August 2019	September 2019	change	August 2019	September 2019	change
Anadarko	471	481	10	2,951	2,968	17
Appalachia	147	149	2	18,213	18,238	25
Bakken	1,425	1,437	12	2,092	2,138	46
Eagle Ford	1,361	1,366	5	4,864	4,882	18
Haynesville	26	26	-	10,122	10,128	6
Niobrara	1,231	1,234	3	4,280	4,293	13
Permian	684	768	84	1,244	1,426	182
Rig-weighted average	720	767	47	4,104	4,175	71

Source: Energy Information Administration, *Drilling Productivity Report*