

National Mining Association

Weekly Statistical Summary

August 16, 2019 Edition
(Data for Week Ending August 10, 2019)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 57, No. 32
Dated 08/16/19

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	08/10/19	08/11/18	% Chng	08/10/19	08/11/18	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,247	15,348	-13.7%	430,984	453,971	-5.1%
52 Weeks Ended	731,087	756,406	-3.3%			
AAR Coal Rail Cars Loaded:	77,300	90,645	-14.7%	2,468,437	2,639,501	-6.5%
DOC Coal Trade (000 Tons)						
	June 19/18		% Chng	Jan - June 19/18		% Chng
Exports:						
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		
	08/10/19	08/11/18	% Chng	08/10/19	08/11/18	% Chng
EI Electric Total Output (Mil. Kwh)	90,200	92,989	-3.0%	2,498,854	2,557,474	-2.3%
EI Coal Region Output (Mil. Kwh)	78,639	79,939	-1.6%	2,165,425	2,213,592	-2.2%
AISI Raw Steel Output (000 Tons)	1,867	1,861	0.3%	59,812	57,140	4.7%

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)	
	08/09/19	08/02/19	% Chng	Wed.	08/07/19
Central App, 12,500 Btu, 1.2 SO ₂	\$65.80	\$65.80	0.0%	Henry Hub	2.12
Northern App, 13,000 Btu, < 3.0 SO ₂	49.80	49.80	0.0%	New York	2.07
Illinois Basin, 11,800, 5.0 SO ₂	39.10	39.10	0.0%	Chicago	2.03
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.05	12.05	0.0%	Cal.Comp.Avg.	2.35
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									
	Week Ended			Year to Date			52 Weeks Ended		
Coal-Producing Region & State (thousand short tons)	8/10/2019 (week 32)	8/3/2019 (week 31)	8/11/2018 (week 32)	8/10/2019	8/10/2018	% Change	8/10/2019	8/11/2018	% Change
Alabama	275	294	285	9,154	9,000	1.7	14,798	13,689	8.1
Alaska	14	18	15	528	504	4.8	924	898	2.9
Arizona	121	127	136	3,870	3,973	-2.6	6,430	6,534	-1.6
Colorado	257	269	286	8,299	8,647	-4.0	13,641	14,135	-3.5
Illinois	901	965	977	30,090	30,192	-0.3	49,252	47,938	2.7
Indiana	644	710	664	21,528	20,788	3.6	35,251	32,737	7.7
Kentucky Total	678	733	767	23,158	24,494	-5.5	38,359	39,893	-3.8
Eastern (KY)	275	295	328	9,369	10,681	-12.3	15,781	17,682	-10.8
Western (KY)	403	438	439	13,789	13,813	-0.2	22,579	22,210	1.7
Louisiana	36	33	40	859	903	-4.9	1,434	1,487	-3.6
Maryland	18	21	22	716	791	-9.5	1,220	1,431	-14.7
Mississippi	67	67	68	1,812	1,788	1.4	2,956	2,624	12.7
Missouri	4	5	5	138	157	-12.3	239	252	-5.2
Montana	652	734	754	19,875	22,336	-11.0	36,051	37,839	-4.7
New Mexico	284	275	240	7,205	5,100	41.3	12,866	9,618	33.8
North Dakota	520	571	624	17,236	17,894	-3.7	28,904	29,528	-2.1
Ohio	153	166	189	4,615	5,188	-11.0	8,396	8,936	-6.0
Oklahoma	15	13	19	384	487	-21.2	611	707	-13.6
Pennsylvania Total	868	957	920	29,836	30,751	-3.0	48,934	49,379	-0.9
Anthracite (PA)	37	39	37	1,188	1,122	5.8	1,957	1,839	6.4
Bituminous (PA)	831	918	883	28,648	29,628	-3.3	46,977	47,540	-1.2
Tennessee	4	4	5	127	144	-11.6	215	264	-18.6
Texas	371	379	524	13,408	15,466	-13.3	22,697	30,531	-25.7
Utah	238	255	275	8,475	8,210	3.2	13,826	14,147	-2.3
Virginia	222	240	254	7,376	7,947	-7.2	12,408	12,958	-4.2
West Virginia Total	1,671	1,827	1,858	57,022	58,873	-3.1	93,389	95,103	-1.8
Northern (WV)	827	905	892	27,966	27,860	0.4	46,104	45,960	0.3
Southern (WV)	844	922	967	29,056	31,013	-6.3	47,285	49,143	-3.8
Wyoming	5,233	5,679	6,421	165,271	180,336	-8.4	288,288	305,779	-5.7
Appalachian Total	3,486	3,802	3,862	118,215	123,375	-4.2	195,140	199,442	-2.2
Interior Total	2,442	2,609	2,736	82,009	83,595	-1.9	135,018	138,486	-2.5
Western Total	7,319	7,929	8,751	230,760	247,001	-6.6	400,929	418,478	-4.2
East of Mississippi River	5,501	5,983	6,010	185,434	189,956	-2.4	305,178	304,951	0.1
West of Mississippi River	7,746	8,358	9,339	245,550	264,015	-7.0	425,909	451,455	-5.7
Bituminous and Lignite	13,209	14,302	15,312	429,796	452,848	-5.1	729,131	754,568	-3.4
Anthracite	37	39	37	1,188	1,122	5.8	1,957	1,839	6.4
U.S. Total	13,247	14,340	15,348	430,984	453,971	-5.1	731,087	756,406	-3.3
Railroad Cars Loaded	77,300	83,676	90,645	2,468,437	2,639,501	-6.5	4,233,699	4,406,913	-3.9

Source: Energy Information Administration



Weekly Electric Output

Volume 87 No. 32

OUTPUT FOR WEEK ENDED - Aug 10, 2019

Aug 14, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Aug 10, 2019** was **90,200** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **181** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended August 10		52 Weeks Ended August 10	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,571	-15.4	119,593	-1.7
Mid-Atlantic	9,605	-10.5	435,303	0.1
Central Industrial	13,954	-5.7	670,734	-1.2
West Central	7,168	-3.7	331,843	-1.1
Southeast	22,493	-1.6	1,037,875	0.0
South Central	18,940	9.4	754,719	0.0
Rocky Mountain	6,479	-4.7	280,273	0.6
Pacific Northwest	2,866	-4.6	156,650	-0.6
Pacific Southwest	6,124	-12.6	268,114	-4.3
Total United States	90,200	-3.0	4,055,104	-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)
Jul 20	95,459	Jul 21	92,868	2.8	Jul 20	4,058,229	-0.2
Jul 27	89,276	Jul 28	91,789	-2.7	Jul 27	4,055,716	-0.3
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 10	2,498,854	Aug 11	2,557,474	-2.3	YEAR TO DATE, FIRST 32 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Jul 20	187	Jul 21	179	Jul 22	186
Jul 27	176	Jul 28	177	Jul 29	179
Aug 03	181	Aug 04	172	Aug 05	170
Aug 10	181	Aug 11	184	Aug 12	166

* 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		
	10-Aug 2019 GWh Output	11-Aug 2018 GWh Output	% Increase Over Corresponding Week of 2018	10-Aug 2019 GWh Output	11-Aug 2018 GWh Output	% Increase Over Corresponding Week of 2018	10-Aug 2019 GWh Output	11-Aug 2018 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,571	3,040	-15.4%	73,023	75,640	-3.5%	119,593	121,707	-1.7%
Mid-Atlantic	9,605	10,729	-10.5%	267,674	272,768	-1.9%	435,303	434,724	0.1%
Central Industrial	13,954	14,798	-5.7%	415,535	429,382	-3.2%	670,734	678,617	-1.2%
West Central	7,168	7,446	-3.7%	204,610	210,661	-2.9%	331,843	335,580	-1.1%
Southeast	22,493	22,855	-1.6%	638,637	652,665	-2.1%	1,037,875	1,038,370	0.0%
South Central	18,940	17,310	9.4%	469,109	477,332	-1.7%	754,719	754,719	0.0%
Rocky Mountain	6,479	6,801	-4.7%	169,860	170,784	-0.5%	280,273	278,636	0.6%
Pacific Northwest	2,866	3,004	-4.6%	98,617	97,912	0.7%	156,650	157,607	-0.6%
Pacific Southwest	6,124	7,006	-12.6%	161,790	170,329	-5.0%	268,114	280,242	-4.3%
Total United States ^{1/}	90,200	92,989	-3.0%	2,498,855	2,557,473	-2.3%	4,055,104	4,080,202	-0.6%
Coal Regions Only ^{2/}	78,639	79,939	-1.6%	2,165,425	2,213,592	-2.2%	3,510,747	3,520,646	-0.3%

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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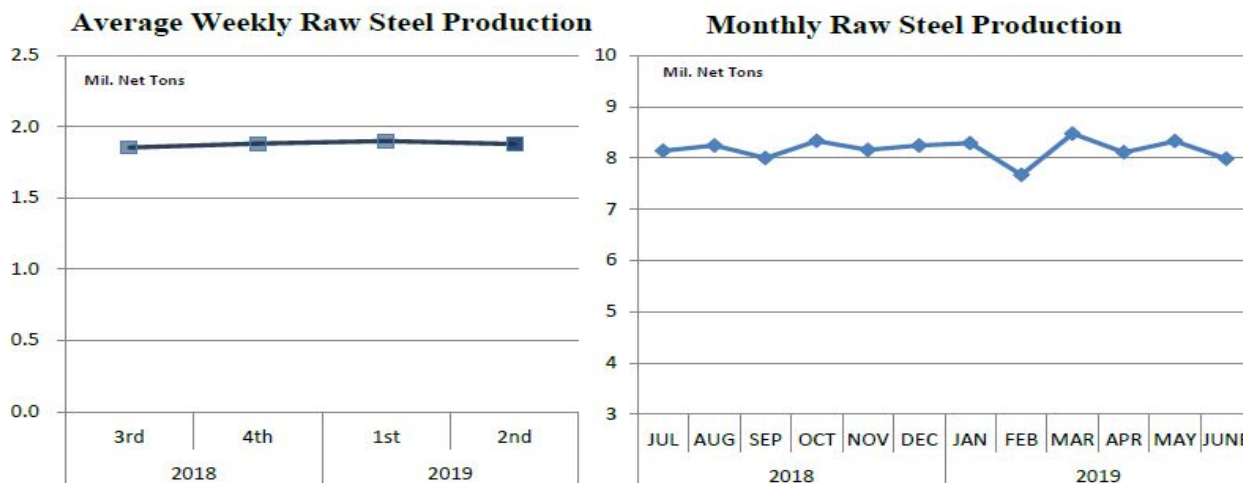
August 12, 2019

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 10</u>	<u>Week Ending Aug 3</u>	
<u>Week Ending</u>				North East	202	213
				Great Lakes	694	699
August 10, 2019	1,867	-1.6	80.2	Midwest	198	209
August 10, 2018	1,861	0.3	79.4	Southern	704	702
August 3, 2019	1,897	0.7	81.5	Western	69	74
				Total	1,867	1,897
<u>Year-to-Date +</u>						
August 10, 2019	59,812	4.7	81.0			
August 10, 2018	57,140	-	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 32, 2019 – Ended August 10, 2019

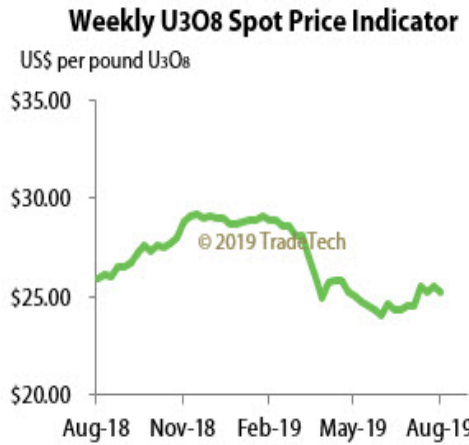
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk ²	vs 2018
Total Carloads	261,194	-3.9%	8,077,512	252,422	-3.2%
Chemicals	32,192	-1.3%	1,031,904	32,247	-0.3%
Coal	77,300	-14.7%	2,488,091	77,753	-6.5%
Farm Products excl. Grain, and Food	15,914	-1.8%	498,688	15,584	-3.7%
Forest Products	10,020	-5.4%	316,440	9,889	-3.8%
Grain	21,402	-1.7%	708,078	22,127	-4.7%
Metallic Ores and Metals	22,347	-6.2%	706,365	22,074	-4.4%
Motor Vehicles and Parts	16,424	-0.4%	515,110	16,097	-2.3%
Nonmetallic Minerals	41,976	9.4%	1,099,948	34,373	-4.7%
Petroleum and Petroleum Products	13,424	13.0%	409,115	12,785	20.9%
Other	10,195	8.0%	303,773	9,493	-0.1%
Total Intermodal Units	271,996	-4.6%	8,510,590	265,956	-3.7%
Total Traffic	533,190	-4.3%	16,588,102	518,378	-3.5%

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.

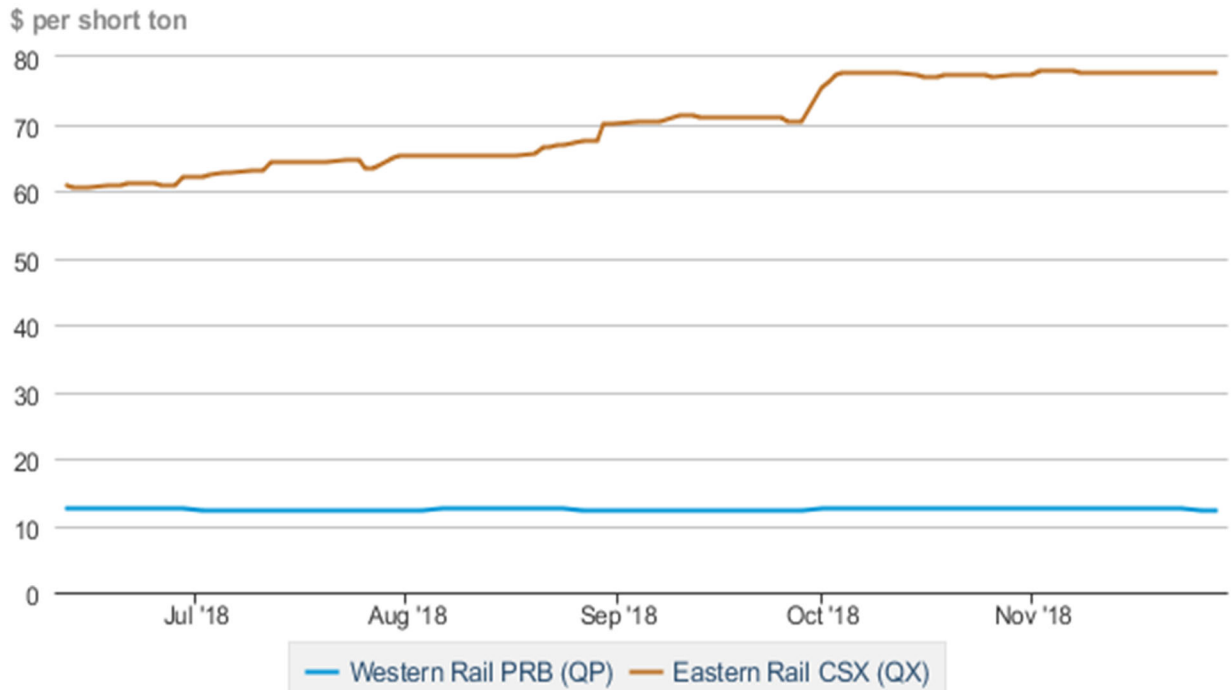
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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.

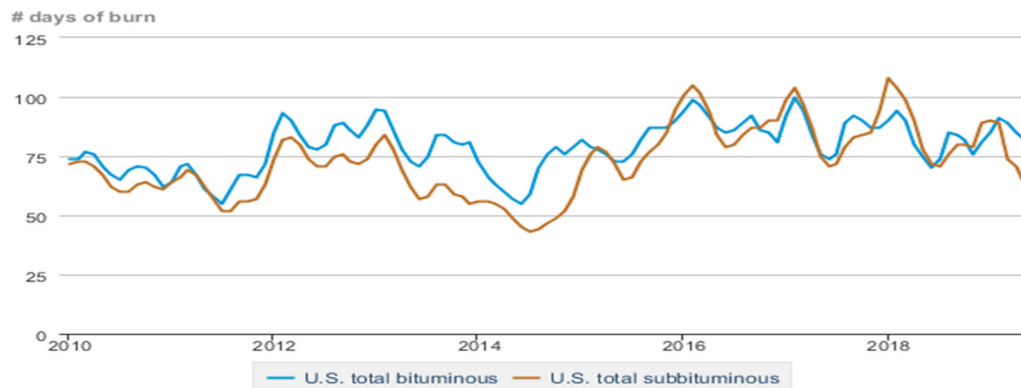
Source: Energy Information Administration **Note: EIA has discontinued reporting MYMEX coal Futures price data.**

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	07/12/19	07/19/19	07/26/19	08/02/19	08/09/19	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$54.55	\$65.55	\$65.55	\$65.80	\$65.80	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$48.30	\$48.30	\$48.30	\$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	\$11.95	\$12.10	\$12.10	\$12.05	\$12.05	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$35.00	\$35.00	\$35.00	\$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 - May 2019



 Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Aug 01)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	0	-2	0	73	28	12
Middle Atlantic	0	-3	-1	80	21	16
E N Central	2	-2	-4	61	4	27
W N Central	2	-1	-3	61	-10	22
South Atlantic	0	0	0	97	0	2
E S Central	0	0	0	84	-11	3
W S Central	0	0	0	122	-4	-4
Mountain	0	-3	-1	94	15	-2
Pacific	0	-2	0	67	19	-20
United States	1	-2	-1	82	7	6

Note: HDD = heating degree day; CDD = cooling degree day
Source: National Oceanic and Atmospheric Administration

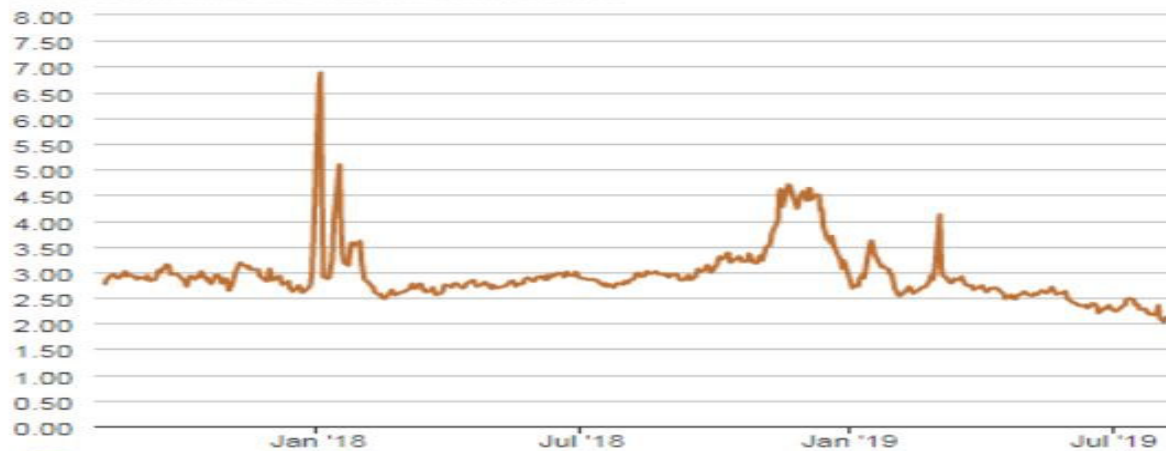
Source: Energy Information Administration, *Natural Gas Weekly Update*.

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



eia 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	May 2019		May 2018		% Change of Stocks	April 2019		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	3,956	194	3,424	86	15.5%	3,431	156	15.3%
	Subbituminous	163	250	147	240	11.4%	163	278	0.0%
South	Bituminous	22,319	80	23,384	68	-4.6%	21,570	84	3.5%
	Subbituminous	5,071	50	6,891	63	-26.4%	4,413	52	14.9%
Midwest	Bituminous	10,056	72	11,266	77	-10.7%	9,249	77	8.7%
	Subbituminous	22,226	73	33,132	84	-32.9%	19,535	75	13.8%
West	Bituminous	3,971	79	5,209	100	-23.8%	3,480	80	14.1%
	Subbituminous	19,636	58	26,459	75	-25.8%	19,728	73	-0.5%
U.S. Total	Bituminous	40,302	82	43,282	75	-6.9%	37,731	85	6.8%
	Subbituminous	47,096	63	66,629	78	-29.3%	43,839	71	7.4%

EIA Working Natural Gas Underground Storage

Working gas in underground storage

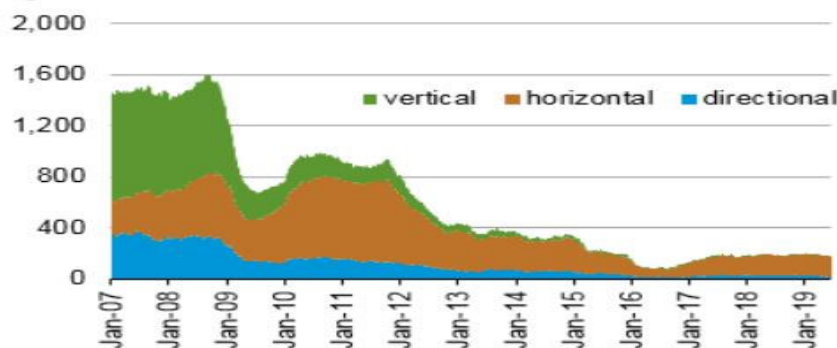
Region	Stocks billion cubic feet (Bcf)		
	2019-08-02	2019-07-26	change
East	613	597	16
Midwest	701	677	24
Mountain	161	156	5
Pacific	272	270	2
South Central	941	934	7
Total	2,689	2,634	55

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

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

EIA Natural Gas Rig Count

Weekly natural gas rig count
active rigs



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*