

National Mining Association

Weekly Statistical Summary

July 5, 2019 Edition
(Data for Week Ending June 29, 2019)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	06/29/19	06/30/18	% Chng	06/29/19	06/30/18	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,575	14,298	-5.1%	352,084	366,625	-4.0%
52 Weeks Ended	739,670	756,959	-2.3%			
AAR Coal Rail Cars Loaded:	78,645	83,214	-5.5%	2,006,844	2,121,798	-5.4%
Coal Production Month Ended - May	May 19/18		% Chng	Jan - May 19/18		% Chng
	59,867	61,196	-2.2%	288,907	306,867	-5.9%
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%
	Week Ended			Cumulative Week 1 to		
	06/29/19	06/30/18	% Chng	06/29/19	06/30/18	% Chng
EI Electric Total Output (Mil. Kwh)	85,904	89,162	-3.7%	1,955,046	2,008,052	-2.6%
EI Coal Region Output (Mil. Kwh)	75,538	78,246	-3.5%	1,690,386	1,739,167	-2.8%
AISI Raw Steel Output (000 Tons)	1,851	1,815	2.0%	48,611	46,103	5.4%

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)	
	06/28/19	06/21/19	% Chng	Wed.	06/26/19
Central App, 12,500 Btu, 1.2 SO ₂	\$61.05	\$61.05	0.0%	Henry Hub	2.32
Northern App, 13,000 Btu, < 3.0 SO ₂	52.20	52.20	0.0%	New York	2.18
Illinois Basin, 11,800, 5.0 SO ₂	39.10	39.10	0.0%	Chicago	2.10
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.25	12.25	0.0%	Cal.Comp.Avg.	2.03
Uinta Basin, 11,700 Btu, 0.8 SO ₂	35.75	35.75	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		
	6/29/2019 (week 26)	6/22/2019 (week 25)	6/30/2018 (week 26)	6/29/2019	6/29/2018	% Change	6/29/2019	6/30/2018	% Change
Alabama	283	292	279	7,525	7,375	2.0	14,794	13,340	10.9
Alaska	14	15	15	437	419	4.4	918	920	-0.2
Arizona	125	129	134	3,158	3,201	-1.4	6,490	6,377	1.8
Colorado	275	252	299	6,785	7,015	-3.3	13,757	13,915	-1.1
Illinois	928	923	964	24,733	24,686	0.2	49,510	47,521	4.2
Indiana	669	673	674	17,667	16,797	5.2	35,119	32,215	9.0
Kentucky Total	727	698	787	19,111	20,101	-4.9	38,685	39,904	-3.1
Eastern (KY)	300	293	344	7,732	8,790	-12.0	16,016	17,691	-9.5
Western (KY)	427	405	444	11,379	11,311	0.6	22,669	22,212	2.1
Louisiana	35	34	35	659	674	-2.2	1,464	1,330	10.1
Maryland	20	17	23	604	667	-9.4	1,233	1,499	-17.7
Mississippi	66	66	61	1,428	1,402	1.9	2,958	2,440	21.2
Missouri	5	5	5	112	128	-12.9	242	251	-3.6
Montana	647	694	718	15,927	18,042	-11.7	36,402	38,224	-4.8
New Mexico	215	134	138	5,637	3,745	50.5	12,666	9,673	30.9
North Dakota	537	536	544	14,116	14,347	-1.6	29,342	29,315	0.1
Ohio	135	145	133	3,710	4,115	-9.8	8,571	8,918	-3.9
Oklahoma	12	20	15	311	317	-1.7	603	595	1.3
Pennsylvania Total	976	911	1,078	24,592	25,488	-3.5	48,932	49,371	-0.9
Anthracite (PA)	36	36	38	971	913	6.3	1,949	1,815	7.4
Bituminous (PA)	939	876	1,039	23,622	24,575	-3.9	46,983	47,556	-1.2
Tennessee	4	3	4	107	118	-9.6	220	278	-20.9
Texas	391	372	513	11,249	12,483	-9.9	23,522	31,777	-26.0
Utah	237	229	241	7,066	6,649	6.3	13,983	14,048	-0.5
Virginia	233	225	251	6,054	6,499	-6.9	12,534	12,974	-3.4
West Virginia Total	1,790	1,823	1,995	46,963	48,485	-3.1	93,980	94,414	-0.5
Northern (WV)	877	832	929	23,005	22,773	1.0	46,226	45,513	1.6
Southern (WV)	912	991	1,066	23,959	25,712	-6.8	47,754	48,900	-2.3
Wyoming	5,252	5,168	5,393	134,131	143,871	-6.8	293,746	307,662	-4.5
Appalachian Total	3,740	3,708	4,106	97,287	101,536	-4.2	196,280	198,485	-1.1
Interior Total	2,532	2,498	2,711	67,540	67,799	-0.4	136,087	138,341	-1.6
Western Total	7,303	7,157	7,481	187,257	197,290	-5.1	407,303	420,133	-3.1
East of Mississippi River	5,830	5,774	6,248	152,495	155,733	-2.1	306,536	302,873	1.2
West of Mississippi River	7,745	7,588	8,050	199,589	210,892	-5.4	433,133	454,086	-4.6
Bituminous and Lignite	13,539	13,326	14,260	351,113	365,712	-4.0	737,721	755,144	-2.3
Anthracite	36	36	38	971	913	6.3	1,949	1,815	7.4
U.S. Total	13,575	13,362	14,298	352,084	366,625	-4.0	739,670	756,959	-2.3
Railroad Cars Loaded	78,645	78,543	83,214	2,006,844	2,121,798	-5.4	4,290,774	4,419,568	-2.9

Source: Energy Information Administration



Weekly Electric Output

Volume 87 No. 26

OUTPUT FOR WEEK ENDED - Jun 29, 2019

Jul 03, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jun 29, 2019** was **85,904** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **188** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended June 29		52 Weeks Ended June 29	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,403	-0.2	120,391	0.2
Mid-Atlantic	9,544	4.0	435,057	0.9
Central Industrial	14,137	-3.0	670,447	-0.5
West Central	7,097	-6.4	331,841	-0.7
Southeast	22,363	-0.6	1,037,825	-0.2
South Central	16,684	-9.0	754,062	0.3
Rocky Mountain	5,713	-5.9	280,900	1.3
Pacific Northwest	2,663	-4.4	157,298	-0.1
Pacific Southwest	5,300	-7.4	272,897	-2.3
Total United States	85,904	-3.7	4,060,718	-0.1

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Jun 08	78,930	Jun 09	81,822	-3.5	Jun 08	4,077,968	0.4
Jun 15	77,184	Jun 16	85,018	-9.2	Jun 15	4,070,134	0.3
Jun 22	81,189	Jun 23	87,347	-7.1	Jun 22	4,063,976	0.1
Jun 29	85,904	Jun 30	89,162	-3.7	Jun 29	4,060,718	-0.1
Jun 29	1,955,046	Jun 30	2,008,052	-2.6	YEAR TO DATE, FIRST 26 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Jun 08	191	Jun 09	189	Jun 10	175
Jun 15	178	Jun 16	187	Jun 17	193
Jun 22	181	Jun 23	191	Jun 24	188
Jun 29	188	Jun 30	191	Jul 01	172

* 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		
	29-Jun 2019 GWh Output	30-Jun 2018 GWh Output	% Increase Over Corresponding Week of 2018	29-Jun 2019 GWh Output	30-Jun 2018 GWh Output	% Increase Over Corresponding Week of 2018	29-Jun 2019 GWh Output	30-Jun 2018 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,403	2,407	-0.2%	56,802	58,621	-3.1%	120,391	120,095	0.2%
Mid-Atlantic	9,544	9,175	4.0%	207,096	212,437	-2.5%	435,057	431,326	0.9%
Central Industrial	14,137	14,573	-3.0%	327,768	341,901	-4.1%	670,447	673,976	-0.5%
West Central	7,097	7,586	-6.4%	160,156	166,209	-3.6%	331,841	334,306	-0.7%
Southeast	22,363	22,504	-0.6%	503,457	517,534	-2.7%	1,037,825	1,039,722	-0.2%
South Central	16,684	18,337	-9.0%	361,485	370,365	-2.4%	754,062	751,472	0.3%
Rocky Mountain	5,713	6,071	-5.9%	130,424	130,721	-0.2%	280,900	277,292	1.3%
Pacific Northwest	2,663	2,784	-4.3%	82,195	80,842	1.7%	157,298	157,455	-0.1%
Pacific Southwest	5,300	5,725	-7.4%	125,664	129,421	-2.9%	272,897	279,184	-2.3%
Total United States ^{1/}	<u>85,904</u>	<u>89,162</u>	-3.7%	<u>1,955,047</u>	<u>2,008,051</u>	<u>-2.6%</u>	4,060,718	4,064,828	-0.1%
Coal Regions Only ^{2/}	75,538	78,246	-3.5%	1,690,386	1,739,167	-2.8%	3,510,132	3,508,094	0.1%

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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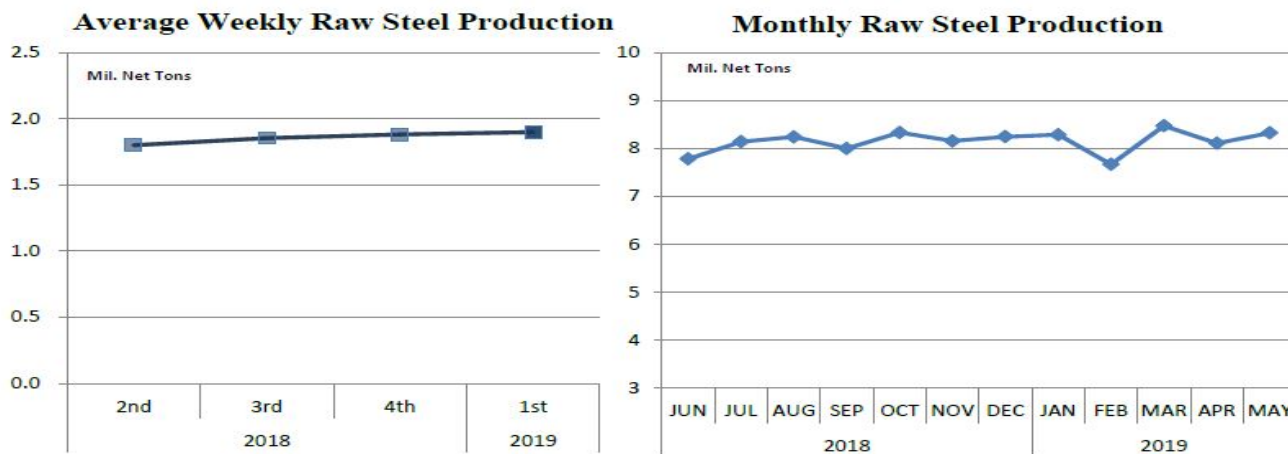
July 1, 2019

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>Jun 29</u>	<u>Jun 22</u>	
<u>Week Ending</u>				North East	214	219
				Great Lakes	697	708
June 29, 2019	1,851	-1.2	79.5	Midwest	201	205
June 29, 2018	1,815	2.0	77.4	Southern	672	668
June 22, 2019	1,873	-0.7	80.5	Western	67	73
				Total	1,851	1,873
<u>Year-to-Date +</u>						
June 29, 2019	48,611	5.4	81.2			
June 29, 2018	46,103	-	76.7			

*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 2019 is approximately 30.3 million net tons vs. 30.5 million net tons for the same period last year, and 29.9 million tons for the first 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 26, 2019 – Ended June 29, 2019

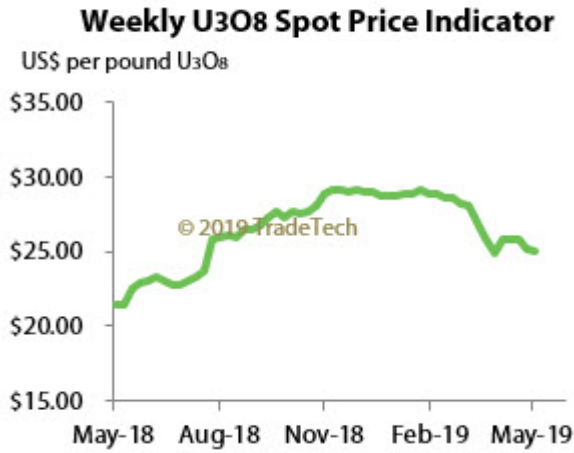
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk ²	vs 2018
Total Carloads	261,415	-3.5%	6,552,218	252,008	-2.9%
Chemicals	33,252	-1.0%	840,971	32,345	-0.1%
Coal	78,645	-5.3%	2,026,498	77,942	-5.4%
Farm Products excl. Grain, and Food	15,560	-4.6%	405,041	15,579	-3.8%
Forest Products	10,154	-7.8%	258,224	9,932	-2.7%
Grain	20,955	-10.9%	571,152	21,967	-5.1%
Metallic Ores and Metals	23,919	-8.4%	569,659	21,910	-3.9%
Motor Vehicles and Parts	18,366	10.9%	428,459	16,479	-2.1%
Nonmetallic Minerals	37,768	-2.1%	875,149	33,660	-5.8%
Petroleum and Petroleum Products	12,935	14.0%	332,922	12,805	23.2%
Other	9,861	-8.2%	244,143	9,390	-0.9%
Total Intermodal Units	271,749	-7.4%	6,924,261	266,318	-3.2%
Total Traffic	533,164	-5.5%	13,476,479	518,326	-3.1%

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.

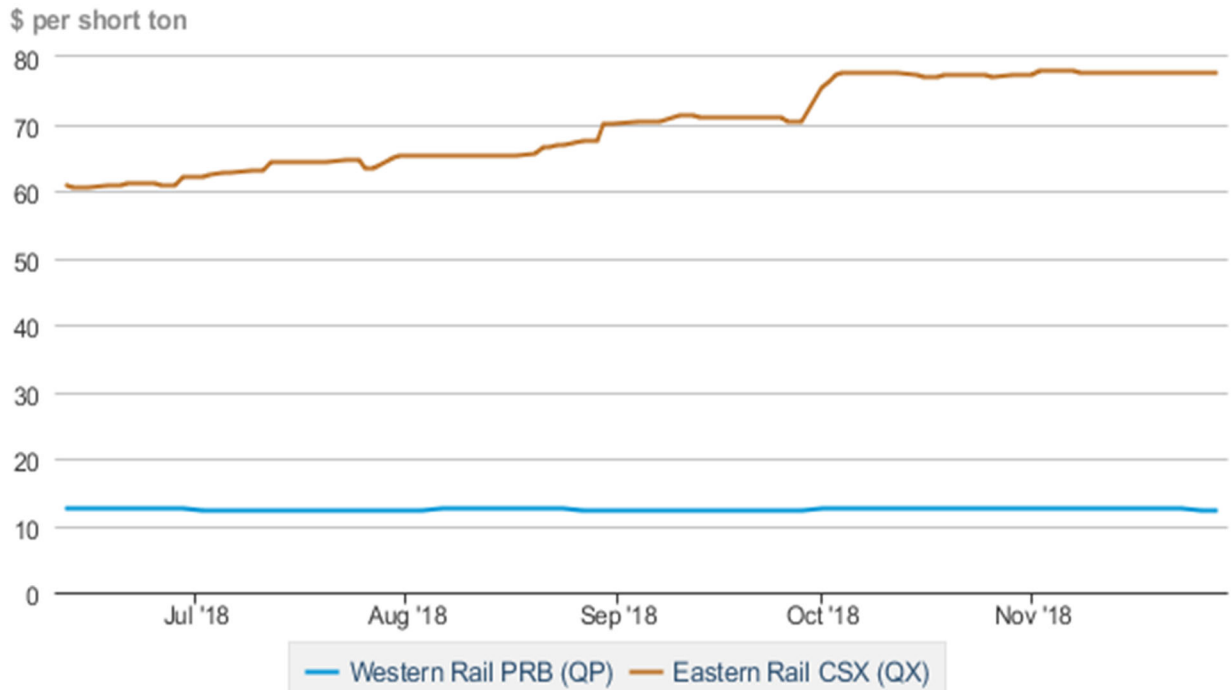
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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.

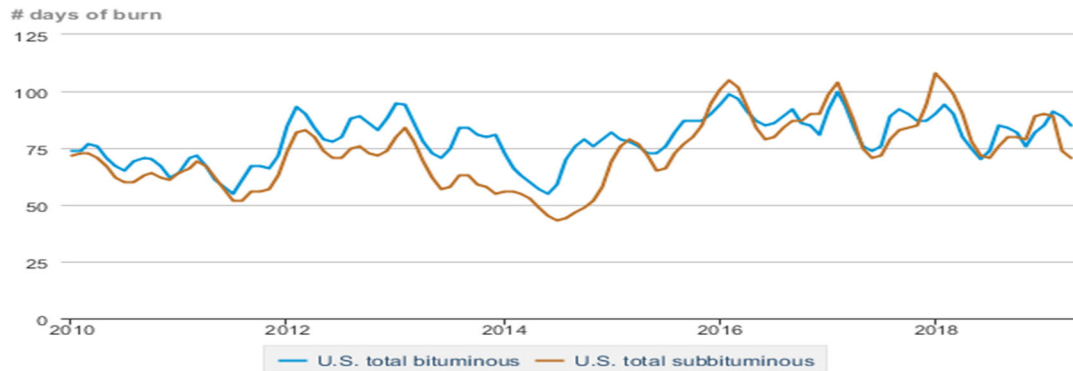
Source: Energy Information Administration **Note: EIA has discontinued reporting NYMEX coal Futures price data.**

Average weekly coal commodity spot prices dollars per short ton

	Week ending					Week ago
	05/31/19	06/07/19	06/14/19	06/21/19	06/28/19	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$58.80	\$59.25	\$59.25	\$61.05	\$61.05	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$60.30	\$53.40	\$53.40	\$52.20	\$52.20	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$40.20	\$39.10	\$39.10	\$39.10	\$39.10	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.35	\$12.30	\$12.30	\$12.25	\$12.25	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$36.35	\$35.90	\$35.90	\$35.75	\$35.75	\$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 Jun 20)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	12	2	7	7	-8	-20
Middle Atlantic	5	-2	3	22	-7	-27
E N Central	18	9	16	15	-21	-55
W N Central	10	1	9	33	-14	-54
South Atlantic	2	1	2	81	4	-21
E S Central	3	3	3	71	-1	-32
W S Central	0	0	0	103	-1	-15
Mountain	10	-9	3	57	1	0
Pacific	4	-11	-4	22	-2	2
United States	8	0	5	46	-5	-25

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

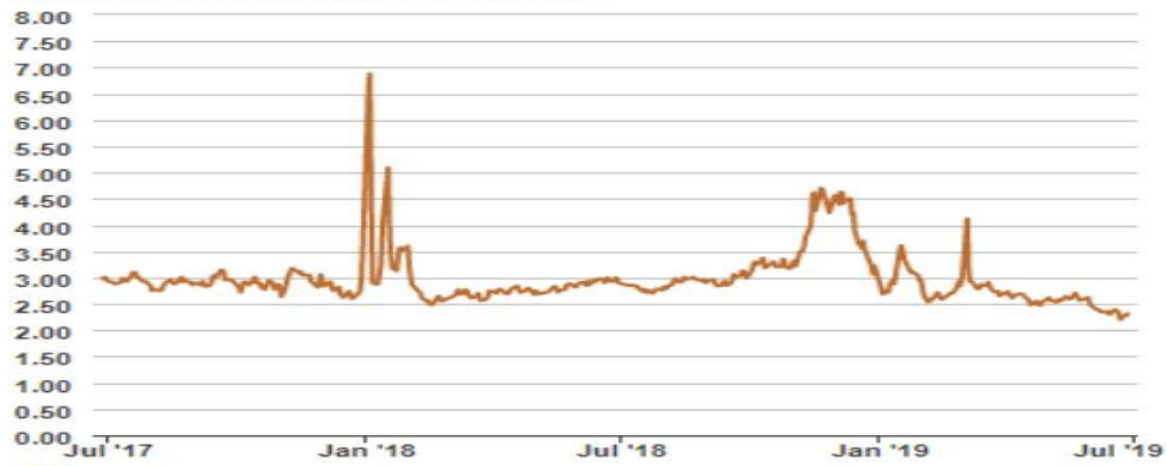
Source: Energy Information Administration, *Natural Gas Weekly Update*.

USGS Production of Selected Mineral Commodities	2018 Year to Date - 4th Quarter	2017 Year to Date - 4th Quarter	Percent Change
Aluminum, secondary (000 Mt.)	829.0	837.0	-1%
Cement (Mil. Mt.)	85.3	84.2	1%
Copper (000 Mt.)	1,220.0	1,260.0	-3%
Gold (Mt.)	211.3	237.0	-11%
Gypsum (Mil. Mt.)	17.3	16.8	3%
Iron Ore (Mil. Mt.)	49.3	47.6	4%
Lead (000 Mt.)	W	302.0	N/A
Molybdenum (000 Mt.)	41.9	40.7	3%
Phosphate rock (Mil. Mt.)	25.7	27.9	-8%
Sand & gravel, construction (Mil. Mt.)	961.0	902.0	7%
Silver (Mt.)	923.0	1,030.0	-10%
Soda ash (Mil. Mt.)	11.8	12.0	-2%
Stone, crushed (Mil. Mt.)	1,410.0	1,350.0	4%
Zinc (000 Mt.)	812.0	748.0	9%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2018 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	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*

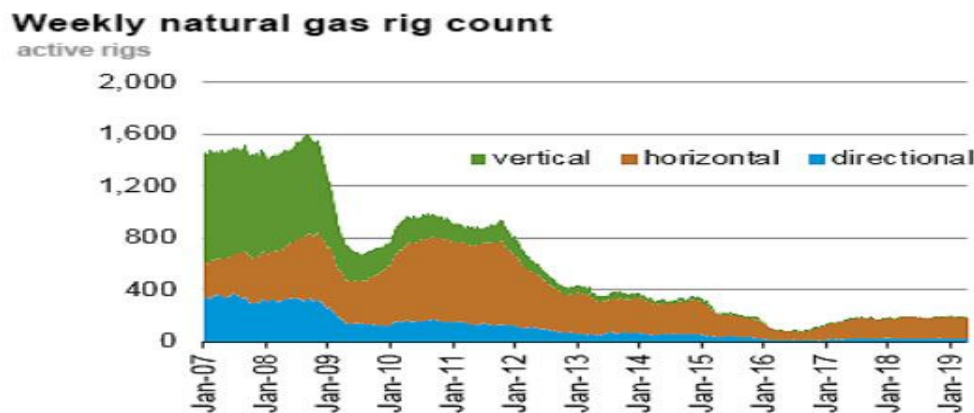
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2019-06-21	2019-06-14	change
East	499	472	27
Midwest	538	503	35
Mountain	127	118	9
Pacific	245	234	11
South Central	893	875	18
Total	2,301	2,203	98

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		
	June 2019	July 2019	change	June 2019	July 2019	change
Anadarko	424	429	5	2,855	2,858	3
Appalachia	144	144	-	15,930	15,930	-
Bakken	1,409	1,413	4	2,029	2,044	15
Eagle Ford	1,334	1,336	2	4,844	4,860	16
Haynesville	26	26	-	10,807	10,946	139
Niobrara	1,209	1,210	1	4,251	4,262	11
Permian	679	698	19	1,322	1,333	11
Rig-weighted average	702	716	14	4,015	3,999	(16)

Source: Energy Information Administration, *Drilling Productivity Report*