

National Mining Association

Weekly Statistical Summary

July 19, 2019 Edition
(Data for Week Ending July 13, 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		
	07/13/19	07/14/18	% Chng	07/13/19	07/14/18	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,874	14,310	-3.0%	375,996	393,556	-4.5%
52 Weeks Ended	736,649	757,038	-2.7%			
AAR Coal Rail Cars Loaded:	80,874	85,511	-5.4%	2,147,623	2,282,700	-5.9%
Coal Production						
Month Ended - June	June 19/18		% Chng	Jan - June 19/18		% Chng
	55,158	61,558	-10.4%	353,326	368,484	-4.1%
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%
EEI Electric Total Output (Mil. Kwh)						
	Week Ended		% Chng	Cumulative Week 1 to		% Chng
	07/13/19	07/14/18		07/13/19	07/14/18	
EEI Coal Region Output (Mil. Kwh)	89,586	91,064	-1.6%	2,133,303	2,191,389	-2.7%
	78,540	78,741	-0.3%	1,847,198	1,898,547	-2.7%
AISI Raw Steel Output (000 Tons)	1,867	1,838	1.6%	52,325	49,756	5.2%

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)	
	07/05/19	07/12/19	% Chng	Wed.	07/10/19
Central App, 12,500 Btu, 1.2 SO ₂	\$61.05	\$54.55	11.9%	Henry Hub	2.46
Northern App, 13,000 Btu, < 3.0 SO ₂	52.20	48.30	8.1%	New York	2.38
Illinois Basin, 11,800, 5.0 SO ₂	39.10	39.10	0.0%	Chicago	2.32
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.25	11.95	2.5%	Cal.Comp.Avg.	7.68
Uinta Basin, 11,700 Btu, 0.8 SO ₂	35.75	35.00	2.1%		

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		
	7/13/2019 (week 28)	7/6/2019 (week 27)	7/14/2018 (week 28)	7/13/2019	7/13/2018	% Change	7/13/2019	7/14/2018	% Change
Alabama	284	209	266	8,017	7,877	1.8	14,786	13,451	9.9
Alaska	17	11	14	466	445	4.6	920	913	0.8
Arizona	123	91	126	3,372	3,440	-2.0	6,467	6,427	0.6
Colorado	261	196	267	7,241	7,521	-3.7	13,711	13,987	-2.0
Illinois	937	687	914	26,358	26,414	-0.2	49,413	47,689	3.6
Indiana	683	490	615	18,840	17,962	4.9	35,134	32,315	8.7
Kentucky Total	709	520	715	20,340	21,470	-5.3	38,568	39,920	-3.4
Eastern (KY)	285	211	306	8,228	9,384	-12.3	15,936	17,701	-10.0
Western (KY)	424	308	409	12,111	12,086	0.2	22,632	22,219	1.9
Louisiana	32	26	38	717	744	-3.7	1,451	1,379	5.2
Maryland	20	14	20	639	705	-9.4	1,229	1,479	-16.9
Mississippi	64	49	63	1,542	1,520	1.4	2,953	2,498	18.2
Missouri	5	3	5	120	137	-12.9	241	252	-4.4
Montana	710	497	703	17,134	19,368	-11.5	36,285	38,119	-4.8
New Mexico	266	186	224	6,090	4,155	46.6	12,697	9,660	31.4
North Dakota	552	397	582	15,065	15,437	-2.4	29,196	29,390	-0.7
Ohio	160	112	177	3,983	4,442	-10.3	8,511	8,927	-4.7
Oklahoma	10	8	15	330	344	-4.2	594	604	-1.7
Pennsylvania Total	926	677	857	26,195	27,131	-3.4	48,921	49,388	-0.9
Anthracite (PA)	37	28	34	1,036	978	5.9	1,949	1,823	6.9
Bituminous (PA)	888	649	823	25,159	26,153	-3.8	46,971	47,565	-1.2
Tennessee	4	3	4	113	126	-10.4	218	274	-20.4
Texas	366	279	488	11,895	13,405	-11.3	23,249	31,405	-26.0
Utah	247	179	256	7,492	7,129	5.1	13,926	14,083	-1.1
Virginia	232	169	237	6,455	6,947	-7.1	12,489	12,973	-3.7
West Virginia Total	1,772	1,299	1,737	50,034	51,775	-3.4	93,782	94,717	-1.0
Northern (WV)	875	635	831	24,515	24,350	0.7	46,171	45,664	1.1
Southern (WV)	897	664	905	25,520	27,424	-6.9	47,611	49,053	-2.9
Wyoming	5,494	3,935	5,987	143,560	155,062	-7.4	291,907	307,191	-5.0
Appalachian Total	3,684	2,694	3,605	103,664	108,386	-4.4	195,873	198,909	-1.5
Interior Total	2,521	1,852	2,547	71,912	72,613	-1.0	135,666	138,359	-1.9
Western Total	7,670	5,492	8,158	200,419	212,557	-5.7	405,110	419,770	-3.5
East of Mississippi River	5,792	4,228	5,606	162,515	166,368	-2.3	306,005	303,629	0.8
West of Mississippi River	8,082	5,809	8,703	213,481	227,188	-6.0	430,644	453,409	-5.0
Bituminous and Lignite	13,837	10,010	14,276	374,960	392,578	-4.5	734,699	755,215	-2.7
Anthracite	37	28	34	1,036	978	5.9	1,949	1,823	6.9
U.S. Total	13,874	10,038	14,310	375,996	393,556	-4.5	736,649	757,038	-2.7
Railroad Cars Loaded	80,874	59,905	84,511	2,147,623	2,282,700	-5.9	4,270,480	4,417,162	-3.3

Source: Energy Information Administration



Weekly Electric Output

Volume 87 No. 28

OUTPUT FOR WEEK ENDED - Jul 13, 2019

Jul 17, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jul 13, 2019** was **89,586** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **192** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended July 13		52 Weeks Ended July 13	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	2,629	2.5	120,042	-0.5
Mid-Atlantic	9,799	2.2	434,340	0.5
Central Industrial	14,664	-2.2	669,622	-1.0
West Central	7,262	-8.6	331,095	-1.3
Southeast	22,458	0.1	1,037,672	-0.2
South Central	18,060	4.8	754,592	0.4
Rocky Mountain	6,297	-3.6	280,245	1.2
Pacific Northwest	2,704	-5.1	157,102	-0.2
Pacific Southwest	5,713	-17.3	270,929	-2.9
Total United States	89,586	-1.6	4,055,639	-0.3

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
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
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 13	2,133,303	Jul 14	2,191,389	-2.7	YEAR TO DATE, FIRST 28 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Jun 22	181	Jun 23	191	Jun 24	188
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

* 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		
	13-Jul 2019 GWh Output	14-Jul 2018 GWh Output	% Increase Over Corresponding Week of 2018	13-Jul 2019 GWh Output	14-Jul 2018 GWh Output	% Increase Over Corresponding Week of 2018	13-Jul 2019 GWh Output	14-Jul 2018 GWh Output	% Increase Over Corresponding Week of 2018
New England	2,629	2,564	2.5%	62,015	64,183	-3.4%	120,042	120,589	-0.5%
Mid-Atlantic	9,799	9,592	2.2%	226,659	232,717	-2.6%	434,340	432,321	0.5%
Central Industrial	14,664	14,999	-2.2%	357,440	372,399	-4.0%	669,622	676,675	-1.0%
West Central	7,262	7,942	-8.6%	174,888	181,687	-3.7%	331,095	335,287	-1.3%
Southeast	22,458	22,443	0.1%	548,993	563,224	-2.5%	1,037,672	1,039,705	-0.2%
South Central	18,060	17,234	4.8%	396,535	404,885	-2.1%	754,592	751,722	0.4%
Rocky Mountain	6,297	6,531	-3.6%	142,683	143,635	-0.7%	280,245	276,945	1.2%
Pacific Northwest	2,704	2,849	-5.1%	87,370	86,212	1.3%	157,102	157,353	-0.2%
Pacific Southwest	5,713	6,910	-17.3%	136,721	142,445	-4.0%	270,929	279,019	-2.9%
Total United States ^{1/}	89,586	91,064	-1.6%	2,133,304	2,191,387	-2.7%	4,055,639	4,069,616	-0.3%
Coal Regions Only ^{2/}	78,540	78,741	-0.3%	1,847,198	1,898,547	-2.7%	3,507,566	3,512,655	-0.1%

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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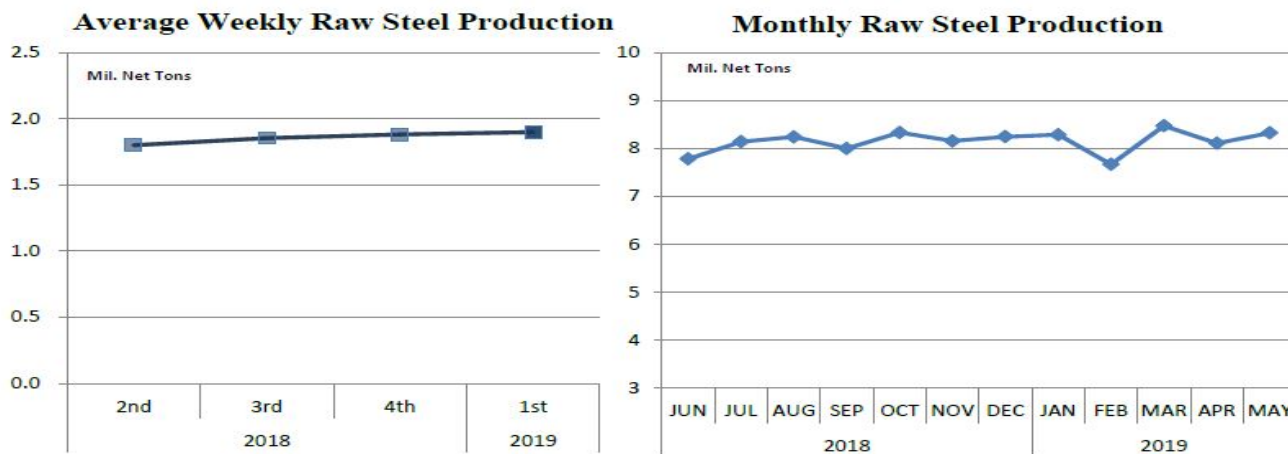
July 15, 2019

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 13</u>	<u>Jul 6</u>	
<u>Week Ending</u>				North East	195	207
				Great Lakes	683	688
July 13, 2019	1,867	1.1	80.2	Midwest	205	203
July 13, 2018	1,838	1.6	78.4	Southern	709	679
July 6, 2019	1,847	-0.2	79.4	Western	<u>75</u>	<u>70</u>
				Total	1,867	1,847
<u>Year-to-Date +</u>						
July 13, 2019	52,325	5.2	81.1			
July 13, 2018	49,756	-	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 28, 2019 – Ended July 13, 2019

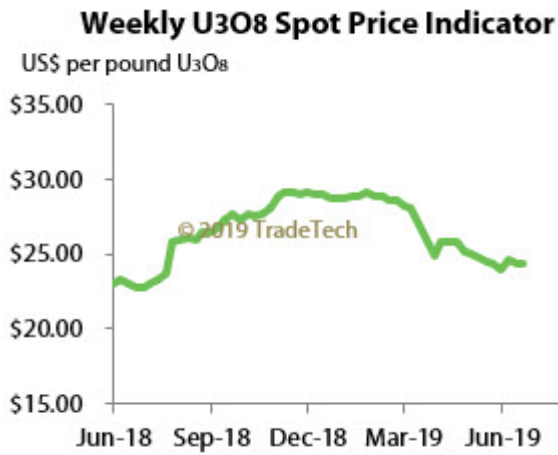
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk ²	vs 2018
Total Carloads	260,762	-4.0%	7,033,739	251,205	-3.1%
Chemicals	32,859	0.3%	903,913	32,283	-0.1%
Coal	80,874	-4.6%	2,167,277	77,403	-5.9%
Forest Products excl. Grain, and Food	16,092	-1.6%	435,037	15,537	-3.9%
Forest Products	10,217	-5.7%	277,464	9,909	-3.1%
Grain	24,219	-2.3%	619,022	22,108	-4.5%
Metallic Ores and Metals	23,725	-5.6%	613,962	21,927	-4.1%
Motor Vehicles and Parts	13,080	-13.3%	452,632	16,165	-2.6%
Nonmetallic Minerals	36,661	-6.9%	943,465	33,695	-6.0%
Petroleum and Petroleum Products	13,098	9.5%	358,367	12,799	22.6%
Other	9,937	-5.2%	262,600	9,379	-0.8%
Total Intermodal Units	267,146	-7.2%	7,419,107	264,968	-3.5%
Total Traffic	527,908	-5.6%	14,452,846	516,173	-3.3%

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

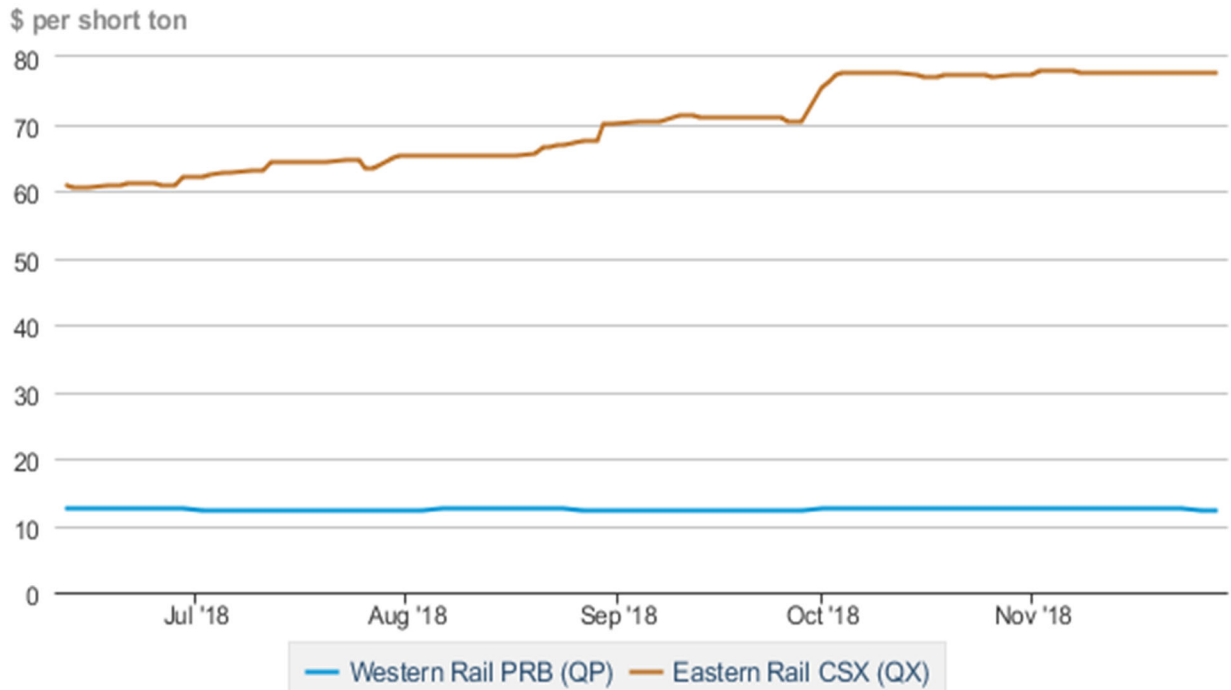


Ux U3O8 Price - Full History



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.

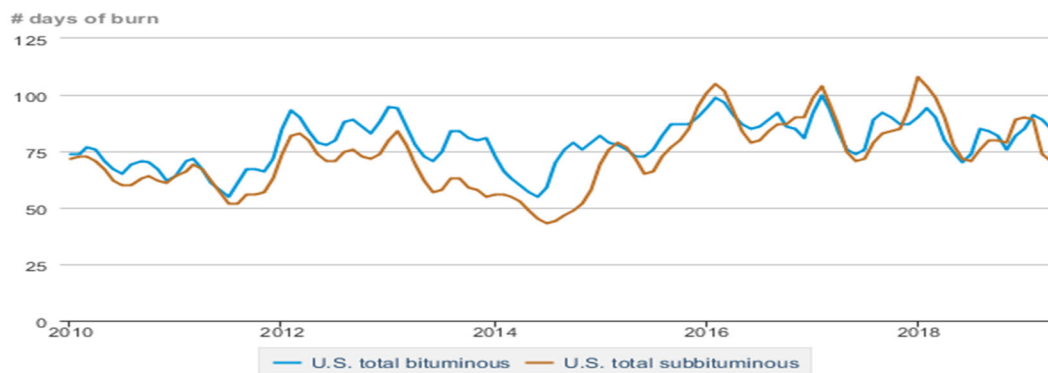
Source: Energy Information Administration **Note: EIA has discontinued reporting NYMEX coal Futures price data.**

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	06/14/19	06/21/19	06/28/19	07/05/19	07/12/19	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$59.25	\$61.05	\$61.05	\$61.05	\$54.55	\$-6.50
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$53.40	\$52.20	\$52.20	\$52.20	\$48.30	\$-3.90
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	\$12.30	\$12.25	\$12.25	\$12.25	\$11.95	\$-0.30
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$35.90	\$35.75	\$35.75	\$35.75	\$35.00	\$-0.75

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 04)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	0	-3	0	54	24	-29
Middle Atlantic	0	-1	0	72	27	-25
E N Central	0	-2	0	89	41	-7
W N Central	0	-4	0	89	27	-2
South Atlantic	0	0	0	112	22	2
E S Central	0	0	0	101	15	-11
W S Central	0	0	0	114	-3	-27
Mountain	1	-9	-2	76	6	-1
Pacific	3	-4	-1	29	-6	-4
United States	1	-2	0	82	16	-10

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)



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*

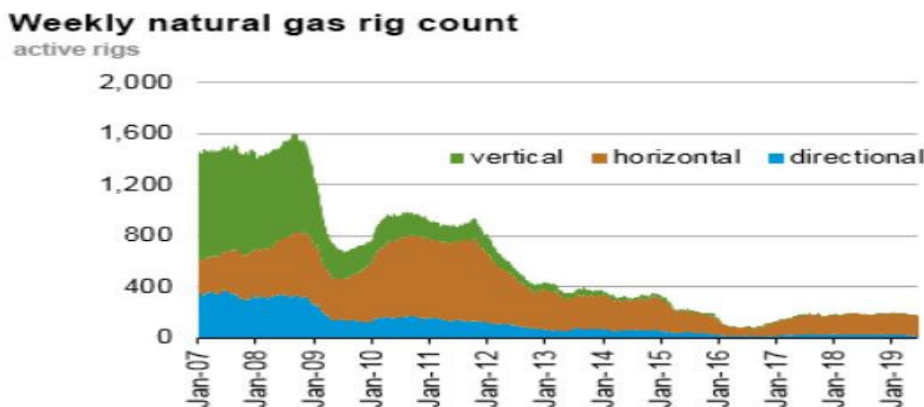
EIA Working Natural Gas Underground Storage

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		
	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*