

National Mining Association

Weekly Statistical Summary

May 3, 2019 Edition
(Data for Week Ending April 27, 2019)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 57, No. 17
Dated 05/03/19

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	04/27/19	04/28/18	% Chng	04/27/19	04/27/18	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	13,708	13,569	1.0%	223,019	240,313	-7.2%
52 Weeks Ended	736,465	762,369	-3.4%			
AAR Coal Rail Cars Loaded:	80,870	78,970	2.4%	1,303,181	1,387,004	-6.0%
Coal Production Month Ended - Mar.	Mar 19/18		% Chng	Jan - Mar 19/18		% Chng
	52,657	65,467	-19.6%	170,276	187,639	-9.3%
DOC Coal Trade (000 Tons)						
Exports:	Feb 19/18		% Chng	Jan - Feb 19/18		% Chng
Metallurgical	3,584	5,332	-32.8%	8,375	9,904	-15.4%
Steam Bit. *	3,118	3,670	-15.0%	7,558	7,863	-3.9%
Lignite	7	9	-22.2%	15	16	-6.3%
Anthracite	4	15	-73.3%	55	20	175.0%
Total	6,713	9,026	-25.6%	16,003	17,803	-10.1%
Imports:	358	349	2.6%	983	849	15.8%
	Week Ended			Cumulative Week 1 to		
	04/27/19	04/28/18	% Chng	04/27/19	04/28/18	% Chng
EI Electric Total Output (Mil. Kwh)	67,566	67,526	0.1%	1,267,276	1,283,388	-1.3%
EI Coal Region Output (Mil. Kwh)	57,995	58,024	0.0%	1,090,126	1,105,176	-1.4%
AISI Raw Steel Output (000 Tons)	1,895	1,780	6.5%	31,849	29,814	6.8%

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)	
	04/26/19	04/19/19	% Chng	Wed.	04/24/19
Central App, 12,500 Btu, 1.2 SO ₂	\$77.30	\$77.30	0.0%	Henry Hub	2.50
Northern App, 13,000 Btu, < 3.0 SO ₂	63.15	67.05	-5.8%	New York	2.28
Illinois Basin, 11,800, 5.0 SO ₂	40.20	40.20	0.0%	Chicago	2.24
Powder River Basin, 8,800 Btu 0.8 SO ₂	12.45	12.85	-3.1%	Cal.Comp.Avg.	2.45
Uinta Basin, 11,700 Btu, 0.8 SO ₂	36.65	36.80	-0.4%		

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		
	4/27/2019 (week 17)	4/20/2019 (week 16)	4/28/2018 (week 17)	4/27/2019	4/27/2018	% Change	4/27/2019	4/28/2018	% Change
Alabama	289	311	266	4,801	4,930	-2.6	14,587	13,386	9.0
Alaska	14	16	14	252	290	-13.0	883	931	-5.2
Arizona	132	138	127	2,130	2,019	5.5	6,645	6,168	7.7
Arkansas	11	.
Colorado	263	269	284	4,142	4,376	-5.3	13,755	14,340	-4.1
Illinois	911	984	910	14,955	16,155	-7.4	48,137	48,004	0.3
Indiana	705	717	665	10,936	11,052	-1.0	34,578	31,877	8.5
Kentucky Total	723	744	749	11,751	13,136	-10.5	38,184	40,359	-5.4
Eastern (KY)	306	312	327	5,183	5,742	-9.7	16,400	17,882	-8.3
Western (KY)	418	432	422	6,568	7,394	-11.2	21,783	22,477	-3.1
Louisiana	34	37	34	403	362	11.6	1,521	1,345	13.1
Maryland	18	18	21	326	462	-29.4	1,088	1,646	-33.9
Mississippi	65	70	58	928	864	7.4	2,996	2,482	20.7
Missouri	5	5	5	80	83	-3.7	255	250	2.0
Montana	702	740	681	11,691	11,703	-0.1	38,509	37,397	3.0
New Mexico	159	142	131	2,101	2,530	-17.0	10,346	11,395	-9.2
North Dakota	550	572	517	9,101	9,539	-4.6	29,138	29,148	s
Ohio	132	155	125	2,464	2,937	-16.1	8,492	9,443	-10.1
Oklahoma	21	21	19	275	204	35.1	785	597	31.5
Pennsylvania Total	980	971	1,014	15,312	15,905	-3.7	49,094	48,698	0.8
Anthracite (PA)	35	38	36	552	569	-2.9	1,850	1,820	1.6
Bituminous (PA)	946	933	977	14,760	15,336	-3.8	47,245	46,878	0.8
Tennessee	3	3	3	51	70	-26.6	171	313	-45.4
Texas	380	397	487	6,653	7,954	-16.4	23,458	33,098	-29.1
Utah	225	244	229	4,130	4,522	-8.7	13,170	14,314	-8.0
Virginia	229	240	236	3,748	4,267	-12.2	12,359	13,196	-6.3
West Virginia Total	1,809	1,944	1,879	30,082	30,702	-2.0	94,336	93,027	1.4
Northern (WV)	865	887	879	13,921	14,503	-4.0	45,173	45,225	-0.1
Southern (WV)	944	1,057	1,000	16,161	16,199	-0.2	49,163	47,802	2.8
Wyoming	5,358	5,510	5,118	86,707	96,252	-9.9	293,977	310,944	-5.5
Appalachian Total	3,766	3,954	3,871	61,966	65,014	-4.7	196,528	197,592	-0.5
Interior Total	2,538	2,663	2,598	40,799	44,068	-7.4	133,514	140,141	-4.7
Western Total	7,404	7,631	7,099	120,254	131,231	-8.4	406,423	424,637	-4.3
East of Mississippi River	5,865	6,157	5,925	95,354	100,480	-5.1	304,022	302,431	0.5
West of Mississippi River	7,843	8,091	7,644	127,666	139,834	-8.7	432,442	459,938	-6.0
Bituminous and Lignite	13,673	14,209	13,532	222,467	239,745	-7.2	734,615	760,549	-3.4
Anthracite	35	38	36	552	569	-2.9	1,850	1,820	1.6
U.S. Total	13,708	14,248	13,569	223,019	240,313	-7.2	736,465	762,369	-3.4
Railroad Cars Loaded	80,870	84,216	78,970	1,303,181	1,387,004	-6.0	4,322,453	4,422,201	-2.3

Source: Energy Information Administration



Weekly Electric Output

Volume 87 No. 17

OUTPUT FOR WEEK ENDED - Apr 27, 2019

May 01, 2019

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Apr 27, 2019** was **67,566** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **184** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended April 27		52 Weeks Ended April 27	
	GWh Output	% Increase Over Corresponding Week of 2018	GWh Output	% Increase Over Corresponding Period of 2018
New England	1,918	-1.0	121,442	0.5
Mid-Atlantic	6,738	-3.2	437,875	1.6
Central Industrial	11,113	-2.6	681,075	1.8
West Central	5,429	-0.9	337,695	2.2
Southeast	17,217	1.7	1,041,629	1.0
South Central	12,898	3.6	762,251	3.3
Rocky Mountain	4,600	-4.1	283,340	2.1
Pacific Northwest	2,764	0.9	157,303	-0.2
Pacific Southwest	4,889	1.3	275,002	-2.4
Total United States	67,566	0.1	4,097,612	1.5

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2019	Week Ended	2018	% Inc. (19/18)	52 Weeks Ended	2019	% Inc. (19/18)
Apr 06	68,805	Apr 07	70,814	-2.8	Apr 06	4,102,536	1.6
Apr 13	68,379	Apr 14	71,006	-3.7	Apr 13	4,099,909	1.5
Apr 20	66,853	Apr 21	69,190	-3.4	Apr 20	4,097,572	1.4
Apr 27	67,566	Apr 28	67,526	0.1	Apr 27	4,097,612	1.5
Apr 27	1,267,276	Apr 28	1,283,388	-1.3	YEAR TO DATE, FIRST 17 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2019	Week Ended	2018	Week Ended	2017
Apr 06	180	Apr 07	180	Apr 08	167
Apr 13	180	Apr 14	182	Apr 15	167
Apr 20	176	Apr 21	178	Apr 22	170
Apr 27	184	Apr 28	179	Apr 29	176

* 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		
	27-Apr 2019 GWh Output	28-Apr 2018 GWh Output	% Increase Over Corresponding Week of 2018	27-Apr 2019 GWh Output	28-Apr 2018 GWh Output	% Increase Over Corresponding Week of 2018	27-Apr 2019 GWh Output	28-Apr 2018 GWh Output	% Increase Over Corresponding Week of 2018
New England	1,918	1,937	-1.0%	38,563	39,330	-2.0%	121,442	120,817	0.5%
Mid-Atlantic	6,738	6,963	-3.2%	137,441	139,965	-1.8%	437,875	430,783	1.6%
Central Industrial	11,113	11,408	-2.6%	220,121	223,627	-1.6%	681,075	668,709	1.8%
West Central	5,429	5,479	-0.9%	105,578	105,776	-0.2%	337,695	330,462	2.2%
Southeast	17,217	16,923	1.7%	319,069	329,342	-3.1%	1,041,629	1,031,606	1.0%
South Central	12,898	12,454	3.6%	222,864	223,554	-0.3%	762,251	737,950	3.3%
Rocky Mountain	4,600	4,797	-4.1%	85,053	82,912	2.6%	283,340	277,514	2.1%
Pacific Northwest	2,764	2,739	0.9%	58,001	56,644	2.4%	157,303	157,600	-0.2%
Pacific Southwest	4,889	4,826	1.3%	80,587	82,237	-2.0%	275,002	281,821	-2.4%
Total United States ^{1/}	67,566	67,526	0.1%	1,267,277	1,283,387	-1.3%	4,097,612	4,037,262	1.5%
Coal Regions Only ^{2/}	57,995	58,024	0.0%	1,090,126	1,105,176	-1.4%	3,543,865	3,477,024	1.9%

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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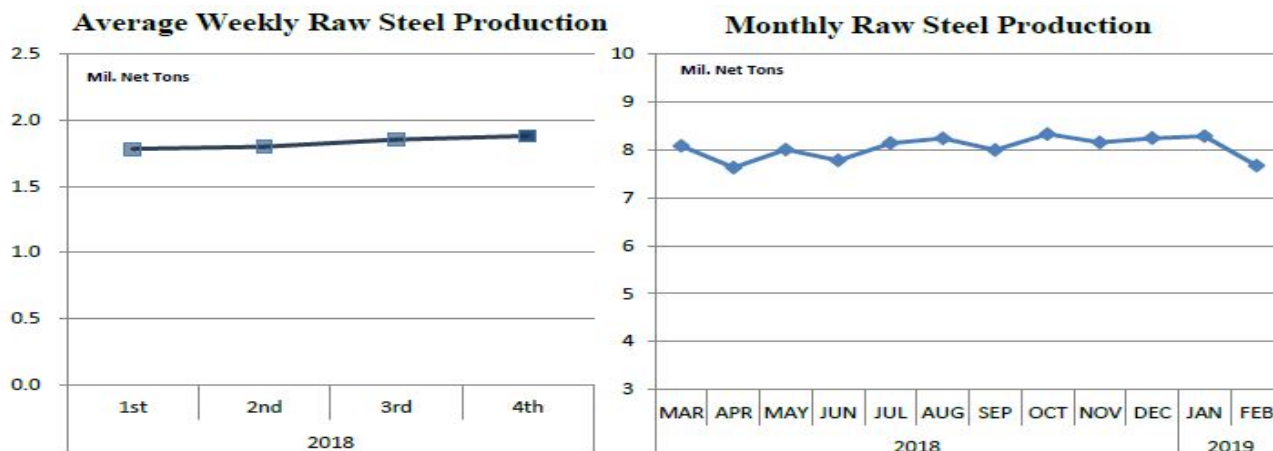
April 29, 2019

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>Week Ending</u>	
				<u>Apr. 27</u>	<u>Apr. 20</u>	
<u>Week Ending</u>				North East	201	186
				Great Lakes	737	741
April 27, 2019	1,895	-0.4	81.4	Midwest	188	186
April 27, 2018	1,780	6.5	76.0	Southern	696	720
April 20, 2019	1,903	-0.6	81.8	Western	<u>73</u>	<u>70</u>
				Total	1,895	1,903
<u>Year-to-Date +</u>						
April 27, 2019	31,849	6.8	81.9			
April 27, 2018	29,814	-	76.4			

*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 first quarter 2019 is approximately 29.9 million net tons vs. 30.0 million net tons for the same period last year, and 30.8 million tons for the fourth quarter of 2018.



*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 17, 2019 – Ended April 27, 2019

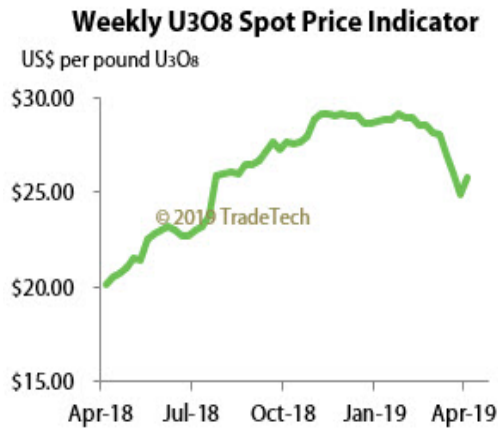
	This Week		Year-To-Date		
	Cars	vs 2018	Cumulative	Avg/wk ²	vs 2018
Total Carloads	267,316	0.4%	4,237,153	249,244	-2.5%
Chemicals	34,039	3.4%	545,421	32,084	-0.8%
Coal	80,870	2.7%	1,322,835	77,814	-5.9%
Farm Products excl. Grain, and Food	15,518	-4.3%	264,766	15,574	-3.3%
Forest Products	10,082	-4.6%	169,365	9,963	-0.8%
Grain	25,048	4.5%	370,786	21,811	-4.5%
Metallic Ores and Metals	25,045	2.4%	364,636	21,449	-1.8%
Motor Vehicles and Parts	15,793	-8.6%	278,417	16,377	-2.0%
Nonmetallic Minerals	37,389	-8.9%	548,863	32,286	-3.9%
Petroleum and Petroleum Products	13,666	25.5%	214,119	12,595	23.8%
Other	9,866	-2.4%	157,945	9,291	-0.9%
Total Intermodal Units	265,874	-6.7%	4,532,603	266,624	-1.4%
Total Traffic	533,190	-3.3%	8,769,756	515,868	-1.9%

¹ Excludes U.S. operations of Canadian Pacific, CN and GMXT.

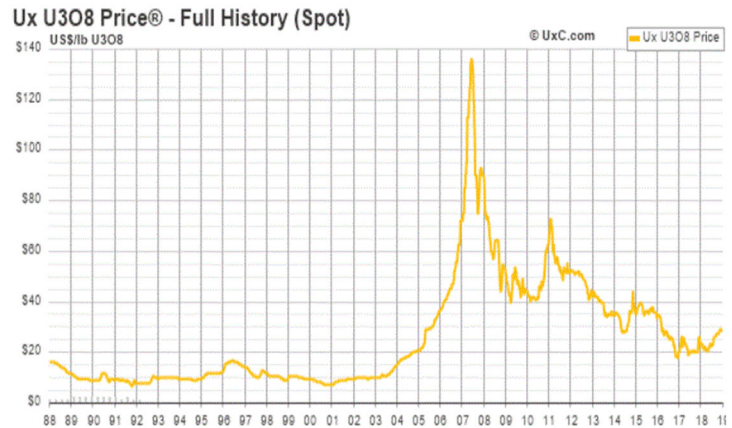
² Average per week figures may not sum to totals as a result of independent rounding.

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

Trade Tech's and UX's Uranium Price Indicators

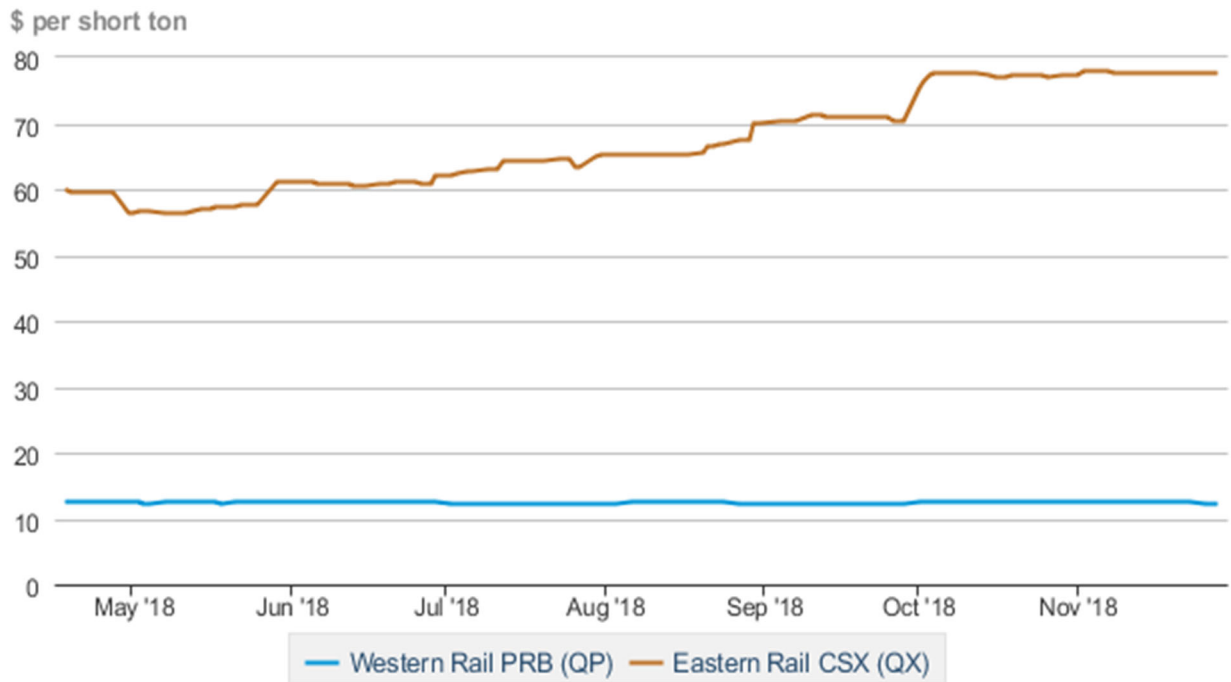


Ux U3O8 Price - Full History



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.

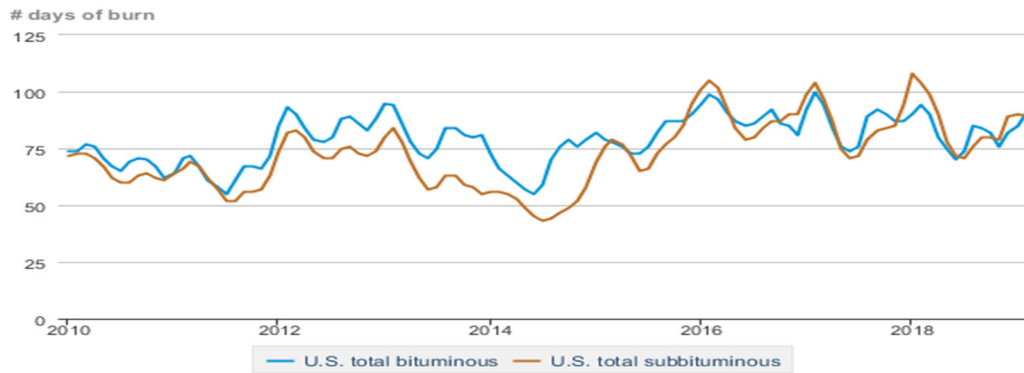
Source: Energy Information Administration, based on NYMEX and Daily Energy Bulletin data

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago change
	03/29/19	04/05/19	04/12/19	04/19/19	04/26/19	
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$80.50	\$80.50	\$77.30	\$77.30	\$77.30	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$70.20	\$70.20	\$67.05	\$67.05	\$63.15	-\$3.90
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$37.45	\$37.45	\$40.20	\$40.20	\$40.20	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$12.80	\$12.80	\$12.85	\$12.85	\$12.45	-\$0.40
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$38.80	\$38.80	\$36.80	\$36.80	\$36.65	-\$0.15

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

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



 Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Apr 18)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	93	-42	-71	0	0	0
Middle Atlantic	69	-47	-62	0	0	0
E N Central	110	-10	-53	0	0	0
W N Central	128	18	-49	1	0	1
South Atlantic	26	-31	-36	29	14	13
E S Central	35	-17	-33	7	2	7
W S Central	32	8	-7	18	-2	4
Mountain	113	0	-9	4	-4	1
Pacific	57	-9	-32	0	-3	0
United States	76	-14	-41	8	2	3

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

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	February 2019		February 2018			January 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	3,030	145	3,338	95	-9.2%	2,973	147	1.9%
	Subbituminous	139	266	95	206	46.5%	121	275	15.2%
South	Bituminous	18,377	94	22,148	94	-17.0%	17,114	88	7.4%
	Subbituminous	4,205	65	5,098	72	-17.5%	3,972	59	5.9%
Midwest	Bituminous	7,105	68	10,770	87	-34.0%	6,955	61	2.2%
	Subbituminous	19,069	93	32,868	112	-42.0%	21,420	100	-11.0%
West	Bituminous	3,349	96	4,831	121	-30.7%	3,585	98	-6.6%
	Subbituminous	19,451	92	24,028	104	-19.0%	18,659	90	4.2%
U.S. Total	Bituminous	31,860	91	41,087	94	-22.5%	30,628	85	4.0%
	Subbituminous	42,864	89	62,089	104	-31.0%	44,172	90	-3.0%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2019-04-19	2019-04-12	change
East	251	228	23
Midwest	264	254	10
Mountain	70	66	4
Pacific	138	128	10
South Central	616	571	45
Total	1,339	1,247	92

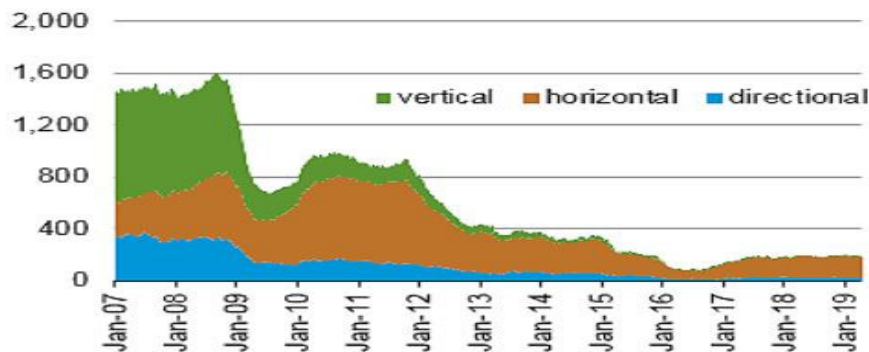
Source: Form EIA-912, *Weekly Underground Natural Gas Storage Report*

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		
	April 2019	May 2019	change	April 2019	May 2019	change
Anadarko	396	404	8	2,840	2,856	16
Appalachia	144	145	1	15,930	15,930	-
Bakken	1,401	1,407	6	1,953	1,953	-
Eagle Ford	1,341	1,344	3	4,892	4,902	10
Haynesville	26	26	-	9,825	9,942	117
Niobrara	1,267	1,278	11	4,164	4,171	7
Permian	618	650	32	1,248	1,286	38
Rig-weighted average	676	692	16	3,834	3,932	98

Source: Energy Information Administration, *Drilling Productivity Report*