
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

January 7, 2022 Edition
(Data for Week Ending January 1, 2022)

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		
	01/01/22	01/02/21	% Chng	01/01/22	01/01/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	10,365	9,324	11.2%	1,472	1,250	17.8%
52 Weeks Ended	577,326	531,025	8.7%			
AAR Coal Rail Cars Loaded:	59,264	55,018	7.7%	7,245	6,991	3.6%
DOC Coal Trade (000 Tons)						
Exports:						
	Nov 21/20		% Chng	Jan - Nov 21/20		% Chng
Metallurgical	3,577	3,735	-4.2%	41,381	38,006	8.9%
Steam Bit. *	3,410	3,208	6.3%	36,125	23,801	51.8%
Lignite	6	6	0.0%	71	83	-14.5%
Anthracite	6	74	-91.9%	281	236	19.1%
Total	6,999	7,023	-0.3%	77,858	62,126	25.3%
Imports:	436	639	-31.8%	4,701	4,676	0.5%
EI Electric Output (Mil. Kwh)						
	Week Ended		% Chng	Cumulative Week 1 to		% Chng
	01/01/22	01/02/21		01/01/22	01/02/21	
EI Electric Total Output (Mil. Kwh)	72,412	74,553	-2.9%	72,412	74,553	-2.9%
EI Coal Region Output (Mil. Kwh)	60,824	64,117	-5.1%	60,824	64,117	-5.1%
AISI Raw Steel Output (000 Tons)	1,785	1,630	9.5%	1,785	1,630	9.5%

EIA (S&P Global) AVERAGE COAL & NATURAL GAS SPOT PRICES Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	12/31/21	12/24/21	% Chng	Wed.	12/15/21
Central App, 12,500 Btu, 1.2 SO ₂	\$92.50	\$92.50	0.0%	Henry Hub	3.75
Northern App, 13,000 Btu, < 3.0 SO ₂	74.20	74.20	0.0%	New York	3.00
Illinois Basin, 11,800, 5.0 SO ₂	44.55	44.55	0.0%	Chicago	3.59
Powder River Basin, 8,800 Btu 0.8 SO ₂	30.10	30.10	0.0%	Cal.Comp.Avg.	5.26
Uinta Basin, 11,700 Btu, 0.8 SO ₂	33.15	33.15	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; S&P Global; NGI's Daily Gas Price Index



NMA

THE AMERICAN RESOURCE

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		
	1/1/2022 (week 1)	12/25/2021 (week 52)	1/2/2021 (week 1)	1/1/2022	1/1/2021	% Change	1/1/2022	1/2/2021	% Change
Alabama	176	178	195	25	28	-10.6	10,024	12,057	-16.9
Alaska	21	20	19	3	3	-1.9	1,073	1,013	5.9
Colorado	192	196	175	27	22	26.6	11,110	9,955	11.6
Illinois	735	783	604	119	100	19.4	39,567	31,557	25.4
Indiana	326	320	319	45	43	3.9	19,023	19,753	-3.7
Kentucky Total	486	475	432	70	59	18.7	26,600	24,000	10.8
Eastern (KY)	180	172	147	28	21	33.9	9,899	8,235	20.2
Western (KY)	306	303	285	42	38	10.5	16,700	15,764	5.9
Louisiana	4	5	5	1	1	6.5	289	658	-56.1
Maryland	23	21	20	3	3	5.6	1,281	1,143	12.1
Mississippi	51	39	33	8	7	9.9	3,143	2,576	22.0
Missouri	2	2	2	s	s	13.6	65	157	-58.6
Montana	493	498	461	70	58	19.6	28,038	26,178	7.1
New Mexico	140	141	151	20	21	-6.1	8,505	10,145	-16.2
North Dakota	479	478	450	68	62	9.5	27,233	26,230	3.8
Ohio	45	47	53	6	7	-17.8	2,692	3,542	-24.0
Oklahoma	.	.	.	.	.	.	s	1	-100.0
Pennsylvania Total	890	828	707	129	105	23.0	44,238	36,020	22.8
Anthracite (PA)	34	32	37	4	4	0.2	1,966	2,350	-16.3
Bituminous (PA)	856	796	670	125	100	24.0	42,272	33,669	25.6
Tennessee	.	.	.	.	.	.	.	88	.
Texas	265	290	309	35	33	6.8	16,672	19,516	-14.6
Utah	213	215	217	29	28	4.9	12,513	13,056	-4.2
Virginia	203	202	182	29	24	20.5	11,008	9,730	13.1
West Virginia Total	1,459	1,439	1,233	214	177	20.8	78,742	66,891	17.7
Northern (WV)	888	856	728	126	102	23.6	45,388	36,961	22.8
Southern (WV)	571	583	505	88	75	17.0	33,355	29,931	11.4
Wyoming	4,162	3,982	3,757	572	470	21.8	235,510	216,760	8.7
Appalachian Total	2,977	2,888	2,536	433	364	18.9	157,885	137,706	14.7
Interior Total	1,688	1,740	1,557	250	222	12.6	95,459	89,982	6.1
Western Total	5,700	5,530	5,231	789	664	18.9	323,981	303,337	6.8
East of Mississippi River	4,395	4,332	3,776	647	552	17.1	236,318	207,357	14.0
West of Mississippi River	5,970	5,826	5,548	825	697	18.3	341,007	323,668	5.4
Bituminous and Lignite	10,331	10,127	9,287	1,468	1,245	17.9	575,360	528,674	8.8
Anthracite	34	32	37	4	4	0.2	1,966	2,350	-16.3
U.S. Total	10,365	10,159	9,324	1,472	1,250	17.8	577,326	531,025	8.7
Railroad Cars Loaded	59,264	59,363	55,018	7,245	6,991	3.6	3,327,784	3,000,023	10.9

Source: Energy Information Administration



Weekly Electric Output

Volume 90 No. 1

OUTPUT FOR WEEK ENDED - Jan 01, 2022

Jan 05, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jan 01, 2022** was **72,412** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **160** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended January 01		52 Weeks Ended January 01	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,243	-2.6	115,870	1.3
Mid-Atlantic	7,454	-2.5	418,102	2.3
Central Industrial	11,413	-7.6	650,102	3.0
West Central	6,787	7.6	335,614	4.5
Southeast	15,943	-15.0	1,012,034	2.6
South Central	13,504	0.4	778,068	2.8
Rocky Mountain	5,723	2.1	293,063	2.1
Pacific Northwest	4,402	25.4	159,061	3.4
Pacific Southwest	4,943	6.9	268,580	0.8
Total United States	72,412	-2.9	4,030,494	2.6

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
Dec 11	76,144	Dec 12	75,475	0.9	Dec 11	4,036,601	3.0
Dec 18	75,970	Dec 19	80,039	-5.1	Dec 18	4,032,532	2.9
Dec 25	76,450	Dec 26	76,347	0.1	Dec 25	4,032,635	2.8
Jan 01	72,412	Jan 02	74,553	-2.9	Jan 01	4,030,494	2.6
Jan 01	72,412	Jan 02	74,553	-2.9	YEAR TO DATE, FIRST WEEK		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
Dec 11	171	Dec 12	165	Dec 14	168
Dec 18	172	Dec 19	176	Dec 21	179
Dec 25	182	Dec 26	177	Dec 28	163
Jan 01	160	Jan 02	160	Jan 04	158

* Excludes Alaska and Hawaii.

+ Includes investor-owned companies, cooperatives and government-owned utilities.

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**EEI WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION
(48 CONTIGUOUS STATES)**

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	1-Jan 2022 GWh Output	2-Jan 2021 GWh Output	% Increase Over Corresponding Week	1-Jan 2022 GWh Output	2-Jan 2021 GWh Output	% Increase Over Corresponding Week	1-Jan 2022 GWh Output	2-Jan 2021 GWh Output	% Increase Over Corresponding Week
New England	2,243	2,303	-2.6%	2,243	2,303	-2.6%	115,870	114,364	1.3%
Mid-Atlantic	7,454	7,649	-2.5%	7,454	7,649	-2.5%	418,102	408,523	2.3%
Central Industrial	11,413	12,353	-7.6%	11,413	12,353	-7.6%	650,102	631,166	3.0%
West Central	6,787	6,308	7.6%	6,787	6,308	7.6%	335,614	321,262	4.5%
Southeast	15,943	18,747	-15.0%	15,943	18,747	-15.0%	1,012,034	986,828	2.6%
South Central	13,504	13,454	0.4%	13,504	13,454	0.4%	778,068	757,239	2.8%
Rocky Mountain	5,723	5,606	2.1%	5,723	5,606	2.1%	293,063	287,043	2.1%
Pacific Northwest	4,402	3,511	25.4%	4,402	3,511	25.4%	159,061	153,889	3.4%
Pacific Southwest	4,943	4,622	6.9%	4,943	4,622	6.9%	268,580	266,402	0.8%
Total United States ^{1/}	<u>72,412</u>	<u>74,553</u>	-2.9%	<u>72,412</u>	<u>74,553</u>	<u>-2.9%</u>	<u>4,030,494</u>	<u>3,926,716</u>	2.6%
Coal Regions Only ^{2/}	60,824	64,117	-5.1%	60,824	64,117	-5.1%	3,486,983	3,392,061	2.8%

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
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January 3, 2022

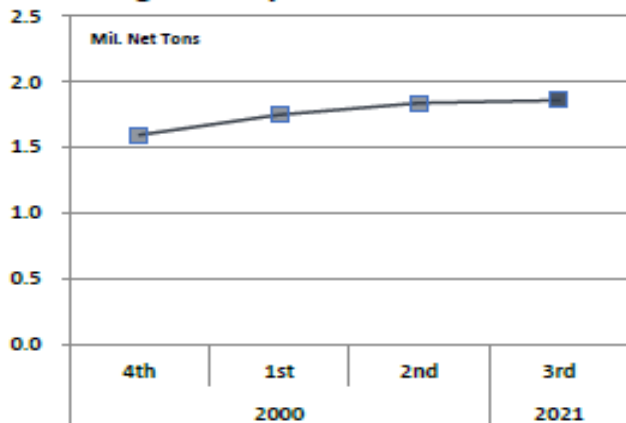
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 Jan 1</u>	<u>Week Ending Dec 25</u>	
<u>Week Ending</u>				North East	183	180
				Great Lakes	629	636
January 1, 2022	1,785	-0.9	80.9	Midwest	197	198
January 1, 2021	1,630	9.5	73.4	Southern	707	718
December 25, 2021	1,802	-0.2	81.6	Western	69	70
				Total	1,785	1,802
<u>Year-to-Date +</u>						
January 1, 2022	1,785	9.5	80.9			
January 1, 2021	1,630	-	73.4			

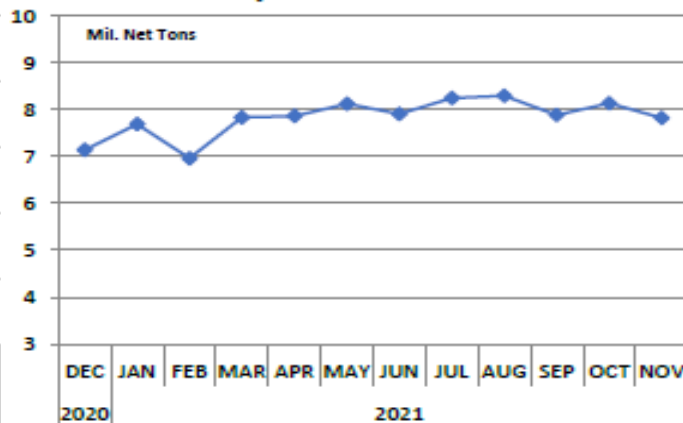
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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: Capability for the fourth quarter 2021 is approximately 29.0 million net tons. Given the large number of changes to steelmaking capability and the evolving market, AISI is updating the capacity statistics.

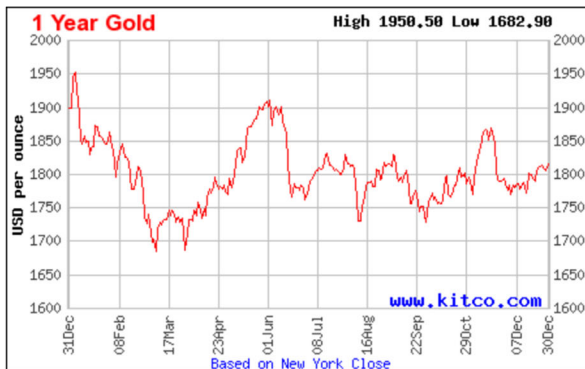
Average Weekly Raw Steel Production



Monthly Raw Steel Production



*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

U.S. Rail Traffic¹
 Week 52, 2021 – Ended January 1, 2022

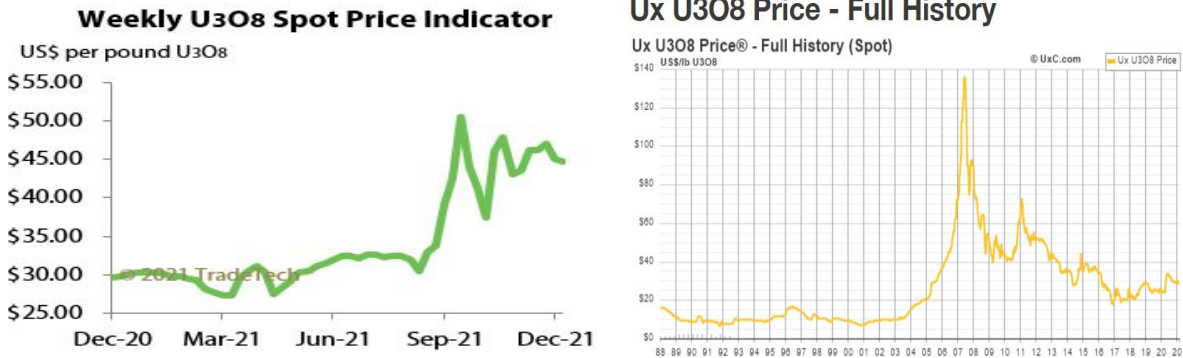
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	205,836	1.7%	12,010,274	230,967	6.6%
Chemicals	32,374	2.6%	1,694,162	32,580	5.6%
Coal	59,264	7.7%	3,327,782	63,996	10.9%
Farm Products excl. Grain, and Food	15,013	1.0%	823,810	15,843	2.5%
Forest Products	9,329	2.6%	519,141	9,983	7.5%
Grain	19,698	-20.5%	1,207,551	23,222	3.2%
Metallic Ores and Metals	21,841	6.7%	1,163,885	22,382	22.5%
Motor Vehicles and Parts	8,978	4.1%	666,760	12,822	-0.5%
Nonmetallic Minerals	23,060	16.8%	1,559,956	29,999	2.4%
Petroleum and Petroleum Products	9,006	-12.2%	541,676	10,417	-4.5%
Other	7,273	-7.9%	505,551	9,722	2.3%
Total Intermodal Units	189,535	-13.7%	14,142,442	271,970	4.9%
Total Traffic	395,371	-6.3%	26,152,716	502,937	5.7%

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

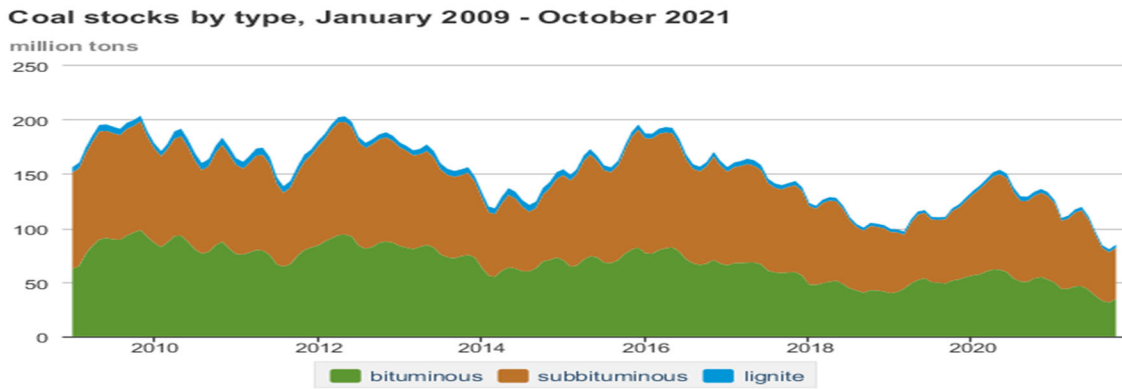
² Average per week figures may not sum to totals as a result of independent rounding.

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

Trade Tech's and UX's Uranium Price Indicators

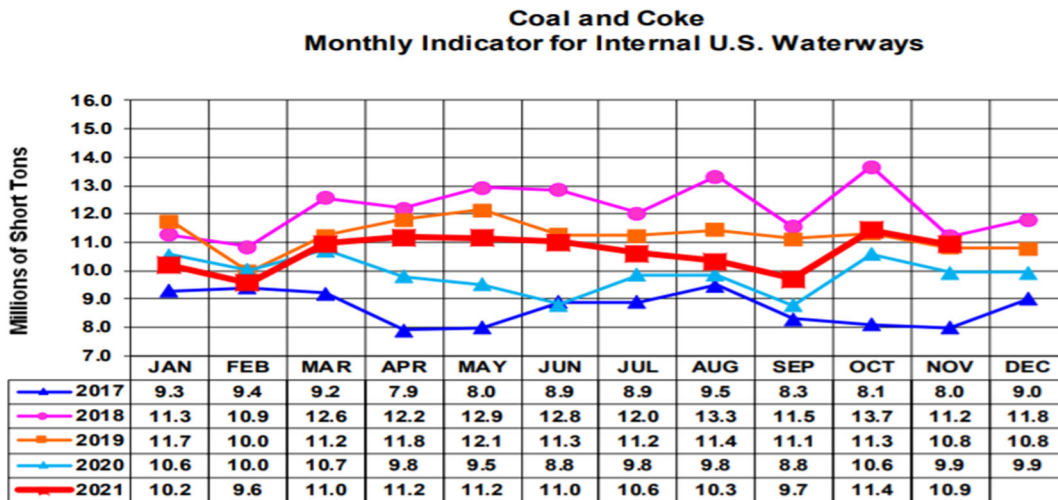


Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update



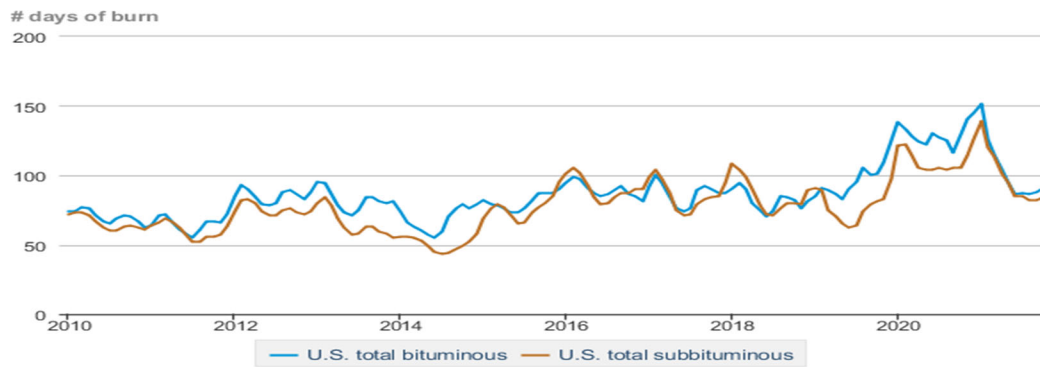
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	12/03/21	12/10/21	12/17/21	12/24/21	12/31/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$92.50	\$92.50	\$92.50	\$92.50	\$92.50	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$74.20	\$74.20	\$74.20	\$74.20	\$74.20	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$44.55	\$44.55	\$44.55	\$44.55	\$44.55	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$30.70	\$30.10	\$30.10	\$30.10	\$30.10	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$33.00	\$33.15	\$33.15	\$33.15	\$33.15	\$0.00

Source: Energy Information Administration (with permission from S&P Global), *Coal Market Report*

Days of burn by non-lignite coal rank, January 2010 - October 2021



Source: U.S. Energy Information Administration

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

Region	Temperature – heating & cooling degree days (week ending Dec 09)					
	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	203	-11	5	0	0	0
Middle Atlantic	189	-15	-10	0	0	0
E N Central	220	-13	-1	0	0	0
W N Central	221	-38	8	0	0	0
South Atlantic	115	-27	-42	10	1	6
E S Central	102	-44	-72	0	-1	0
W S Central	51	-57	-71	16	13	16
Mountain	164	-51	-37	0	0	0
Pacific	100	-14	13	0	-1	0
United States	157	-26	-16	4	2	3

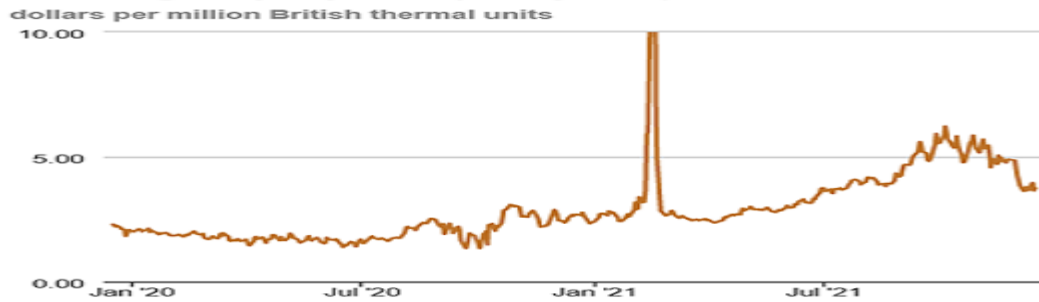
Source: Chart by the U.S. Energy Information Administration (EIA), based on data from the National Oceanic and Atmospheric Administration
Note: HDDs=heating degree days; CDDs=cooling degree days

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

USGS Production of Selected Mineral Commodities	2021 Year to Date - 2nd Quarter	2020 Year to Date - 2nd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	418.0	358.0	17%
Cement (Mil. Mt.)	42.6	41.4	3%
Copper (000 Mt.)	600.0	597.0	1%
Gold (Mt.)	89.2	94.7	-6%
Gypsum (Mil. Mt.)	9.6	8.5	13%
Iron Ore (Mil. Mt.)	12.5	17.4	-28%
Lead (000 Mt.)	146.8	136.7	7%
Molybdenum (000 Mt.)	21.8	24.8	-12%
Phosphate rock (Mil. Mt.)	10.7	12.1	-12%
Sand & gravel, construction (Mil. Mt.)	459.0	420.0	9%
Silver (Mt.)	520.0	456.0	14%
Soda ash (Mil. Mt.)	5.8	5.0	16%
Stone, crushed (Mil. Mt.)	706.0	689.0	2%
Zinc (000 Mt.)	355.0	308.0	15%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2020 data are preliminary estimates. W - withheld, N/A - not available

Natural gas spot prices (Henry Hub)



Source: Graph by the U.S. Energy Information Administration (EIA), based on data from Natural Gas Intelligence
 Note: Henry Hub prices reported for February 16 and 17, 2021, exceeded the published range, averaging \$16.96/MMBtu and \$23.61/MMBtu, respectively.

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

Coal stocks and average number of days of burn for non-lignite coal by region (electric power sector)

Zone	Coal	October 2021		October 2020		% Change of Stocks	September 2021		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	2,164	350	4,274	314	-49.4%	1,879	285	15.1%
	Subbituminous			160	142				
South	Bituminous	12,052	85	20,334	119	-40.7%	10,671	81	12.9%
	Subbituminous	3,297	52	6,062	85	-45.6%	2,824	44	16.7%
Midwest	Bituminous	9,252	86	13,745	114	-32.7%	8,623	84	7.3%
	Subbituminous	19,179	104	28,478	124	-32.7%	17,961	101	6.8%
West	Bituminous	1,800	88	3,894	182	-53.8%	1,916	96	-6.0%
	Subbituminous	15,142	73	23,316	93	-35.1%	15,287	75	-0.9%
U.S. Total	Bituminous	25,268	91	42,246	129	-40.2%	23,089	88	9.4%
	Subbituminous	37,618	84	58,016	105	-35.2%	36,072	82	4.3%

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

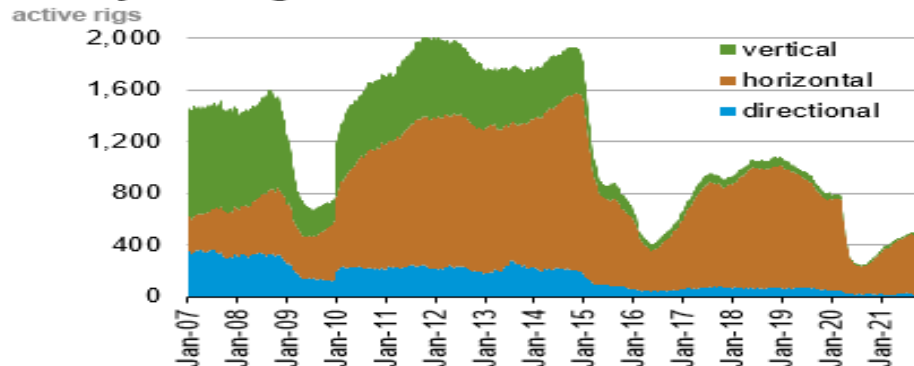
Region	Stocks billion cubic feet (Bcf)		
	2021-12-10	2021-12-03	change
East	818	843	-25
Midwest	982	1,019	-37
Mountain	199	206	-7
Pacific	261	266	-5
South Central	1,158	1,171	-13
Total	3,417	3,505	-88

Source: U.S. Energy Information Administration Form EIA-912, *Weekly Underground Natural Gas Storage Report*

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

EIA Natural Gas Rig Count

Weekly total rig count



Source: Graph by the U.S. Energy Information Administration (EIA), based on data from Baker Hughes Company

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

EIA Oil and Natural Gas Rig Productivity

NEW-WELL PRODUCTION PER RIG BY REGION

PRODUCTION BY REGION

DUC WELLS BY REGION

Region	New-well oil production per rig barrels/day			New-well gas production per rig thousand cubic feet/day		
	December 2021	January 2022	change	December 2021	January 2022	change
Anadarko	794	778	(16)	4,084	3,961	(123)
Appalachia	188	188	-	30,284	30,345	61
Bakken	2,130	2,088	(42)	2,983	2,923	(60)
Eagle Ford	2,370	2,363	(7)	8,506	8,480	(26)
Haynesville	19	19	-	11,865	11,966	101
Niobrara	1,636	1,603	(33)	4,440	4,351	(89)
Permian	1,214	1,210	(4)	2,281	2,269	(12)
Rig-weighted average	1,142	1,140	(2)	6,272	6,312	40

Source: Energy Information Administration, *Drilling Productivity Report*