
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

January 14, 2022 Edition
(Data for Week Ending January 8, 2022)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 60, No.2
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PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/08/22	01/09/21	% Chng	01/08/22	01/08/21	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	9,745	11,158	-12.7%	11,217	12,270	-8.6%
52 Weeks Ended	575,913	529,398	8.8%			
AAR Coal Rail Cars Loaded:	54,916	60,780	-9.6%	62,161	67,214	-7.5%
DOC Coal Trade (000 Tons)						
Exports:						
	Nov 21/20			Jan - Nov 21/20		
			% Chng			% 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			Cumulative Week 1 to		
	01/08/22	01/09/21	% Chng	01/08/22	01/09/21	% Chng
EI Electric Total Output (Mil. Kwh)	82,453	78,040	5.7%	154,865	152,594	1.5%
EI Coal Region Output (Mil. Kwh)	71,248	67,596	5.4%	132,072	131,713	0.3%
AISI Raw Steel Output (000 Tons)	1,813	1,736	4.4%	2,068	1,984	4.2%

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)	
	01/07/22	12/31/21	% Chng	Wed.	01/06/22
Central App, 12,500 Btu, 1.2 SO ₂	\$86.55	\$92.50	-6.4%	Henry Hub	3.79
Northern App, 13,000 Btu, < 3.0 SO ₂	70.80	74.20	-4.6%	New York	7.66
Illinois Basin, 11,800, 5.0 SO ₂	86.55	44.55	94.3%	Chicago	4.43
Powder River Basin, 8,800 Btu 0.8 SO ₂	28.05	30.10	-6.8%	Cal.Comp.Avg.	5.35
Uinta Basin, 11,700 Btu, 0.8 SO ₂	31.00	33.15	-6.5%		

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



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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		
	1/8/2022 (week 2)	1/1/2022 (week 1)	1/9/2021 (week 2)	1/8/2022	1/8/2021	% Change	1/8/2022	1/9/2021	% Change
Alabama	143	176	247	168	272	-38.2	9,920	12,027	-17.5
Alaska	19	21	25	22	27	-18.1	1,068	1,013	5.4
Colorado	176	192	193	204	212	-3.9	11,094	9,921	11.8
Illinois	743	735	890	862	979	-11.9	39,419	31,684	24.4
Indiana	303	326	388	348	427	-18.5	18,938	19,629	-3.5
Kentucky Total	456	486	524	525	576	-8.8	26,531	23,906	11.0
Eastern (KY)	173	180	184	201	202	-0.5	9,889	8,215	20.4
Western (KY)	282	306	340	324	374	-13.3	16,642	15,691	6.1
Louisiana	3	4	5	4	5	-19.6	288	626	-54.0
Maryland	23	23	27	26	30	-14.1	1,276	1,138	12.1
Mississippi	52	51	65	60	71	-15.6	3,131	2,592	20.8
Missouri	1	2	1	1	2	-12.7	65	155	-58.1
Montana	457	493	522	527	574	-8.2	27,973	26,033	7.5
New Mexico	123	140	187	142	206	-30.8	8,440	10,062	-16.1
North Dakota	425	479	556	493	612	-19.4	27,101	26,171	3.6
Ohio	40	45	60	46	66	-30.6	2,672	3,495	-23.5
Oklahoma	.	.	.	.	.	.	s	1	-100.0
Pennsylvania Total	857	890	936	986	1,029	-4.2	44,159	36,000	22.7
Anthracite (PA)	28	34	39	33	43	-24.2	1,955	2,333	-16.2
Bituminous (PA)	829	856	896	953	986	-3.3	42,204	33,667	25.4
Tennessee	.	.	.	.	.	.	.	80	.
Texas	231	265	296	266	326	-18.4	16,606	19,382	-14.3
Utah	195	213	249	224	274	-18.0	12,459	13,003	-4.2
Virginia	191	203	213	220	234	-6.2	10,986	9,676	13.5
West Virginia Total	1,421	1,459	1,581	1,634	1,738	-6.0	78,582	66,911	17.4
Northern (WV)	841	888	911	967	1,002	-3.5	45,318	37,107	22.1
Southern (WV)	579	571	669	667	736	-9.4	33,264	29,804	11.6
Wyoming	3,886	4,162	4,193	4,458	4,611	-3.3	235,203	215,895	8.9
Appalachian Total	2,848	2,977	3,248	3,281	3,571	-8.1	157,486	137,541	14.5
Interior Total	1,615	1,688	1,986	1,866	2,183	-14.5	95,089	89,760	5.9
Western Total	5,282	5,700	5,925	6,071	6,516	-6.8	323,338	302,097	7.0
East of Mississippi River	4,228	4,395	4,931	4,875	5,422	-10.1	235,616	207,138	13.7
West of Mississippi River	5,517	5,970	6,227	6,342	6,848	-7.4	340,297	322,260	5.6
Bituminous and Lignite	9,717	10,331	11,119	11,184	12,227	-8.5	573,957	527,065	8.9
Anthracite	28	34	39	33	43	-24.2	1,955	2,333	-16.2
U.S. Total	9,745	10,365	11,158	11,217	12,270	-8.6	575,913	529,398	8.8
Railroad Cars Loaded	54,916	59,264	60,780	62,161	67,214	-7.5	3,321,920	2,989,972	11.1

Source: Energy Information Administration



Weekly Electric Output

Volume 90 No. 2

OUTPUT FOR WEEK ENDED - Jan 08, 2022

Jan 12, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, Jan 08, 2022 was **82,453** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **179** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended January 08		52 Weeks Ended January 08	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,416	2.6	115,931	1.3
Mid-Atlantic	8,542	3.7	418,406	2.4
Central Industrial	13,972	7.2	651,046	3.1
West Central	7,117	12.0	336,377	4.7
Southeast	21,038	1.8	1,012,401	2.4
South Central	14,948	8.1	779,190	2.8
Rocky Mountain	5,631	2.8	293,215	2.2
Pacific Northwest	3,877	15.8	159,589	3.8
Pacific Southwest	4,912	3.6	268,752	0.9
Total United States	82,453	5.7	4,034,906	2.7

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
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 08	82,453	Jan 09	78,040	5.7	Jan 08	4,034,906	2.7
Jan 08	154,865	Jan 09	152,594	1.5	YEAR TO DATE, FIRST 2 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
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
Jan 08	179	Jan 09	165	Jan 11	163

* Excludes Alaska and Hawaii.

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

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

	Week Ended			NMA CUMULATIVE JANUARY WEEK ONE TO			52 Weeks Ended		
	8-Jan 2022 GWh Output	9-Jan 2021 GWh Output	% Increase Over Corresponding Week	8-Jan 2022 GWh Output	9-Jan 2021 GWh Output	% Increase Over Corresponding Week	8-Jan 2022 GWh Output	9-Jan 2021 GWh Output	% Increase Over Corresponding Week
New England	2,416	2,355	2.6%	4,659	4,658	0.0%	115,931	114,392	1.3%
Mid-Atlantic	8,542	8,238	3.7%	15,996	15,887	0.7%	418,406	408,441	2.4%
Central Industrial	13,972	13,027	7.3%	25,385	25,380	0.0%	651,046	631,327	3.1%
West Central	7,117	6,353	12.0%	13,904	12,661	9.8%	336,377	321,285	4.7%
Southeast	21,038	20,671	1.8%	36,981	39,418	-6.2%	1,012,401	988,242	2.4%
South Central	14,948	13,827	8.1%	28,452	27,281	4.3%	779,190	758,142	2.8%
Rocky Mountain	5,631	5,480	2.8%	11,354	11,086	2.4%	293,215	286,982	2.2%
Pacific Northwest	3,877	3,349	15.8%	8,279	6,860	20.7%	159,589	153,736	3.8%
Pacific Southwest	4,912	4,740	3.6%	9,855	9,362	5.3%	268,752	266,384	0.9%
Total United States ^{1/}	82,453	78,040	5.7%	154,865	152,593	1.5%	4,034,907	3,928,931	2.7%
Coal Regions Only ^{2/}	71,248	67,596	5.4%	132,072	131,713	0.3%	3,490,635	3,394,419	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*.

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January 10, 2022

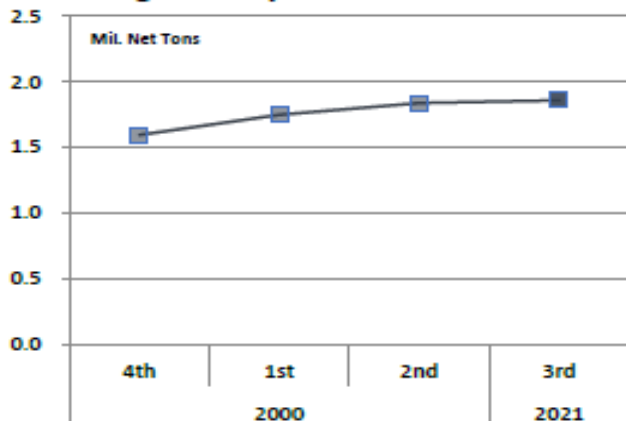
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 8</u>	<u>Week Ending Jan 1</u>	
<u>Week Ending</u>				North East	179	183
				Great Lakes	620	629
January 8, 2022	1,813	1.6	82.3	Midwest	200	197
January 8, 2021	1,736	4.4	76.6	Southern	735	707
January 1, 2022	1,785	-0.9	80.9	Western	79	69
				Total	1,813	1,785
<u>Year-to-Date +</u>						
January 8, 2022	2,068	4.2	82.2			
January 8, 2021	1,984	-	76.6			

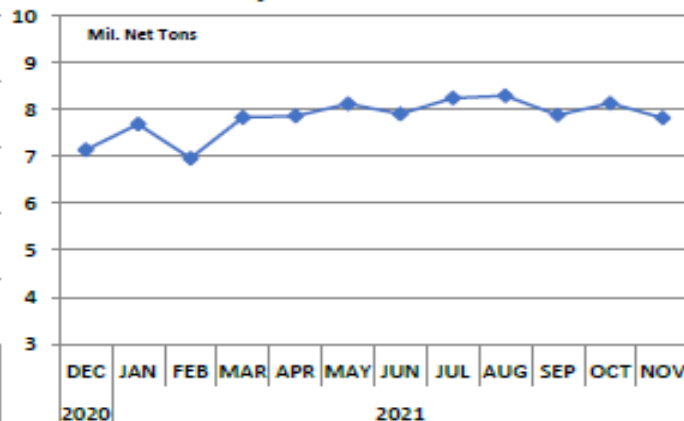
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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.

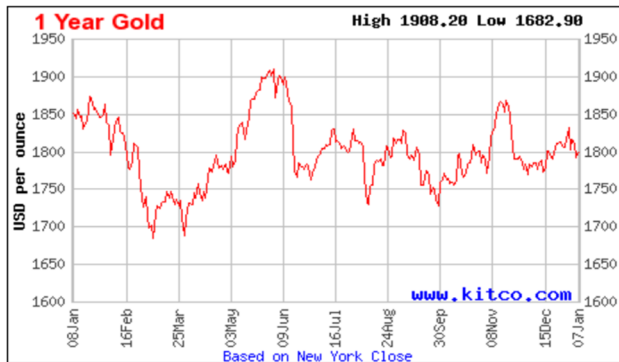
Average Weekly Raw Steel Production



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 1, 2022 – Ended January 8, 2022

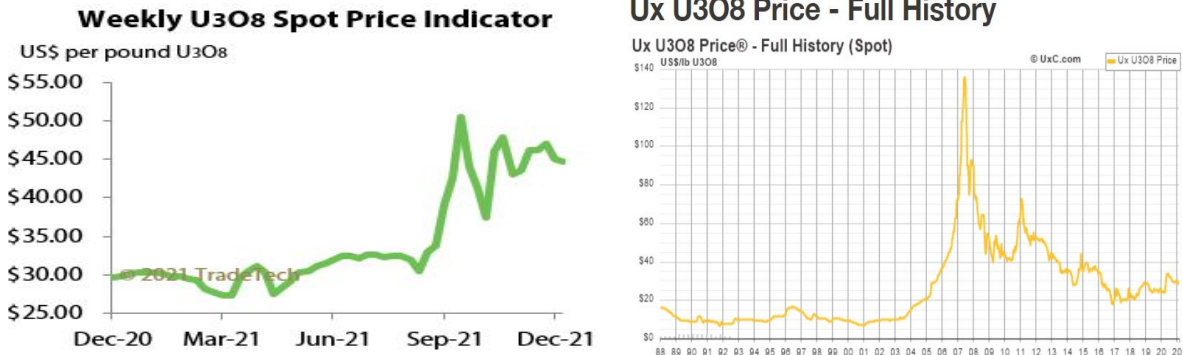
	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk ²	vs 2021
Total Carloads	210,020	-10.6%	210,020	210,020	-10.6%
Chemicals	34,370	-5.1%	34,370	34,370	-5.1%
Coal	54,916	-9.3%	54,916	54,916	-9.3%
Farm Products excl. Grain, and Food	15,268	-9.6%	15,268	15,268	-9.6%
Forest Products	9,704	-3.3%	9,704	9,704	-3.3%
Grain	21,952	-20.5%	21,952	21,952	-20.5%
Metallic Ores and Metals	19,853	-15.6%	19,853	19,853	-15.6%
Motor Vehicles and Parts	10,746	-20.6%	10,746	10,746	-20.6%
Nonmetallic Minerals	25,613	0.8%	25,613	25,613	0.8%
Petroleum and Petroleum Products	8,894	-20.4%	8,894	8,894	-20.4%
Other	8,704	-14.1%	8,704	8,704	-14.1%
Total Intermodal Units	230,741	-20.4%	230,741	230,741	-20.4%
Total Traffic	440,761	-16.0%	440,761	440,761	-16.0%

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

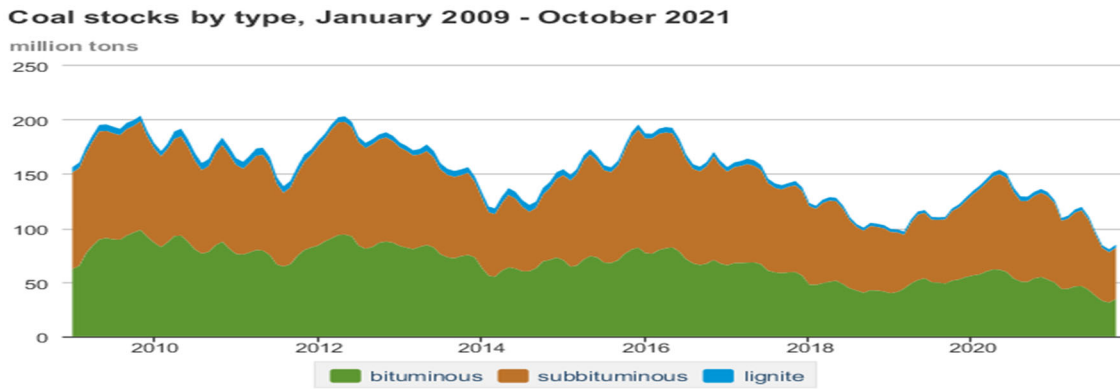
² Average per week figures may not sum to totals as a result of independent rounding.

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

Trade Tech's and UX's Uranium Price Indicators

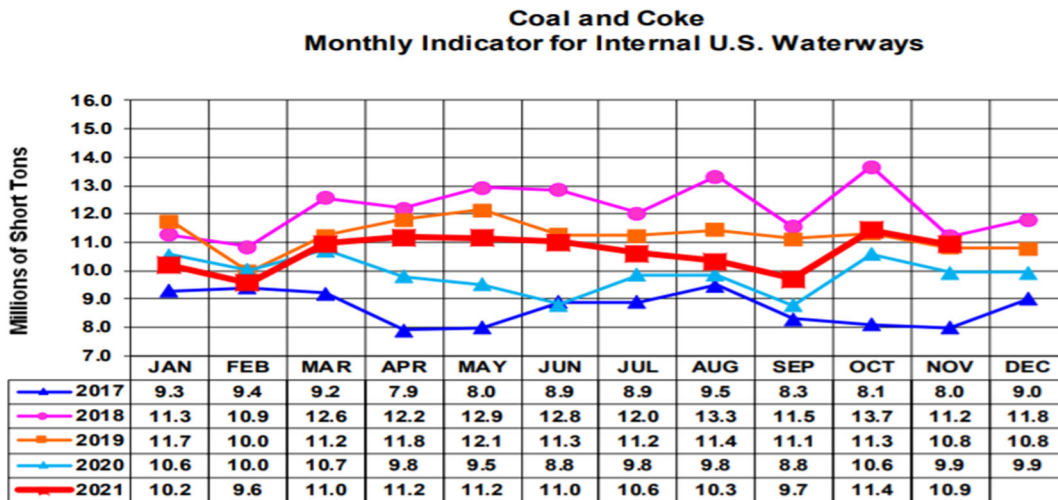


Sources: Trade Tech, Uranium Info Website – www.uranium.info ; Source: Ux Consulting Co., LLC – <http://www.uxc.com>



Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update



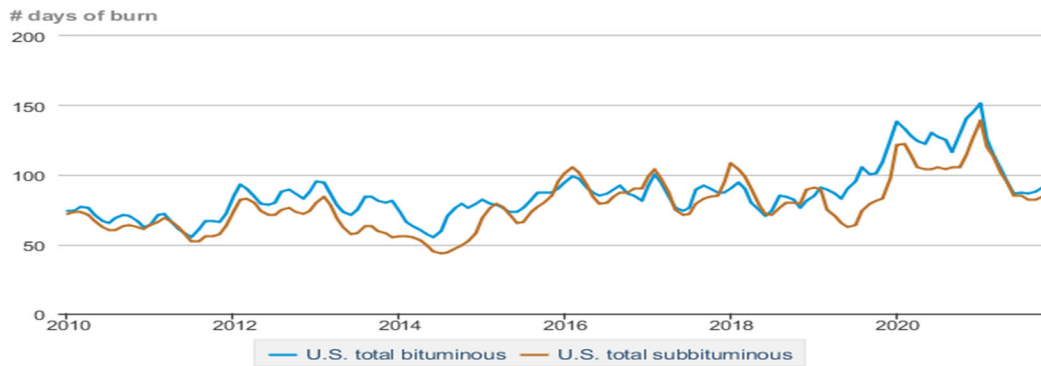
Source: Waterborne Commerce Statistics Center

Average weekly coal commodity spot prices
dollars per short ton

	Week ending					Week ago
	12/10/21	12/17/21	12/24/21	12/31/21	01/07/22	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$92.50	\$92.50	\$92.50	\$92.50	\$86.55	\$-5.95
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$74.20	\$74.20	\$74.20	\$74.20	\$70.80	\$-3.40
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$44.55	\$44.55	\$44.55	\$44.55	\$86.55	\$42.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$30.10	\$30.10	\$30.10	\$30.10	\$28.05	\$-2.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$33.15	\$33.15	\$33.15	\$33.15	\$31.00	\$-2.15

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*

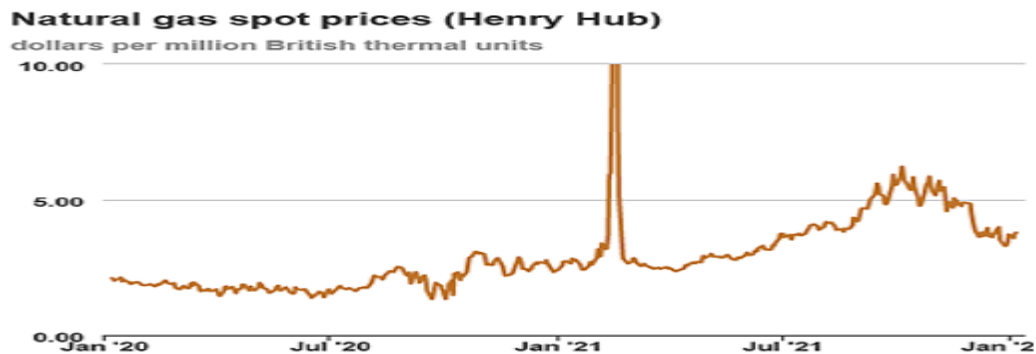
Region	Temperature – heating & cooling degree days (week ending Dec 30)					
	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	224	-35	26	0	0	0
Middle Atlantic	182	-65	-22	0	0	0
E N Central	184	-97	-74	0	0	0
W N Central	240	-65	-44	0	0	0
South Atlantic	78	-97	-96	11	5	8
E S Central	47	-133	-131	7	6	7
W S Central	22	-113	-76	29	27	26
Mountain	225	-10	1	0	0	0
Pacific	163	38	36	0	0	0
United States	156	-61	-41	6	5	5

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 - 3rd Quarter	2020 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	628.0	543.0	16%
Cement (Mil. Mt.)	67.6	66.3	2%
Copper (000 Mt.)	912.0	906.0	1%
Gold (Mt.)	135.0	144.0	-6%
Gypsum (Mil. Mt.)	14.2	12.8	11%
Iron Ore (Mil. Mt.)	34.9	27.0	29%
Lead (000 Mt.)	220.0	219.0	0%
Molybdenum (000 Mt.)	31.8	37.7	-16%
Phosphate rock (Mil. Mt.)	16.6	18.0	-8%
Sand & gravel, construction (Mil. Mt.)	753.0	705.0	7%
Silver (Mt.)	773.0	760.0	2%
Soda ash (Mil. Mt.)	8.7	7.3	19%
Stone, crushed (Mil. Mt.)	1,140.0	1,110.0	3%
Zinc (000 Mt.)	530.0	505.0	5%

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



Source: Graph by the U.S. Energy Information Administration (EIA), based on 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		
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	% Change of Stocks
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*

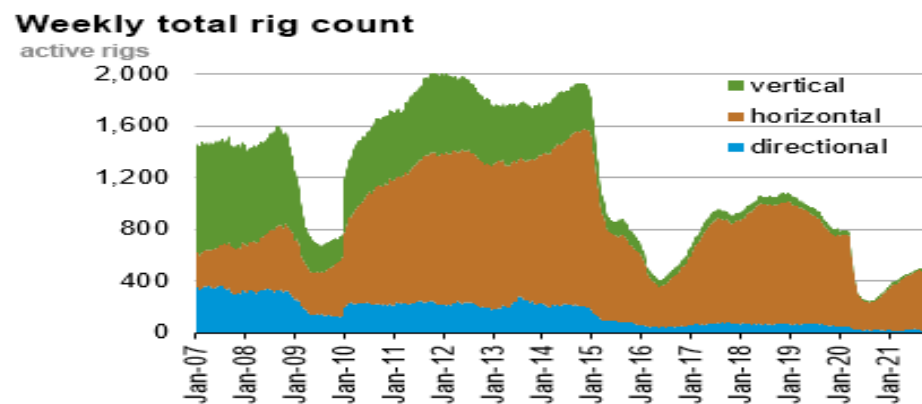
EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2021-12-31	2021-12-24	change
East	767	777	-10
Midwest	893	918	-25
Mountain	172	180	-8
Pacific	219	235	-16
South Central	1,143	1,116	27
Total	3,195	3,226	-31

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



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

Region	NEW-WELL PRODUCTION PER RIG BY REGION			PRODUCTION BY REGION			DUC WELLS BY 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*