



# NATIONAL MINING ASSOCIATION

## WEEKLY STATISTICAL SUMMARY

**August 5, 2022 Edition**

(Data for Week Ending July 30, 2022)

Prepared by

**National Mining Association**

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# NMA WEEKLY STATISTICAL SUMMARY

Vol. 60, No. 31 | Dated 08/05/22

## PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	07/30/22	07/31/21	% Chg	07/30/22	07/30/21	% Chg
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,657	10,706	8.9%	338,374	329,897	2.6%
52 Weeks Ended	584,736	556,728	5.0%			
AAR Coal Rail Cars Loaded:	68,617	62,965	9.0%	1,952,791	1,887,076	3.5%
Coal Production	June 22/21		% Chg	Jan - Jun 22/21		% Chg
Month Ended - June	47,819	48,773	-2.0%	290,791	282,812	2.8%

### U.S. Department of Commerce Coal Trade (000 Tons)

	June 22/21		% Chg	Jan - June 22/21		% Chg
Exports:						
Metallurgical	4,551	4,254	7.0%	23,541	22,038	6.8%
Steam Bit. *	2,967	3,565	-16.8%	19,440	20,598	-5.6%
Lignite	7	7	0.0%	42	41	2.4%
Anthracite	68	13	423.1%	191	189	1.1%
Total	7,593	7,839	-3.1%	43,214	42,866	0.8%
Imports:	627	509	23.2%	2,958	2,605	13.6%

	Week Ended			Cumulative Week 1 to		
	07/30/22	07/30/21	% Chg	07/30/22	07/30/21	% Chg
EEl Electric Total Output (Mil. Kwh)	93,723	93,196	0.6%	2,487,280	2,400,815	3.6%
EEl Coal Region Output (Mil. Kwh)	81,338	81,397	-0.1%	2,163,431	2,078,918	4.1%
AISI Raw Steel Output (000 Tons)	1,727	1,862	-7.3%	52,747	54,347	-2.9%

## EIA AVERAGE COAL & NATURAL GAS SPOT PRICES

Dollars Per Short Ton

Average Coal Spot Prices (\$/Short Ton)	Week Ending			Natural Gas Spot Prices (\$/MMBtu)	
	07/29/22	07/22/22	% Chg	Wed.	07/27/22
Central App, 12,500 Btu, 1.2 SO <sub>2</sub>	\$177.30	\$177.30	0.0%	Henry Hub	8.68
Northern App, 13,000 Btu, < 3.0 SO <sub>2</sub>	142.55	142.55	0.0%	New York	8.08
Illinois Basin, 11,800, 5.0 SO <sub>2</sub>	183.50	183.50	0.0%	Chicago	8.41
Powder River Basin, 8,800 Btu 0.8 SO <sub>2</sub>	16.55	16.55	0.0%	Cal.Comp.Avg.	8.95
Uinta Basin, 11,700 Btu, 0.8 SO <sub>2</sub>	41.50	41.50	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

## EIA Estimated Weekly U.S. Coal Production Overview

Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	7/30/2022 (week 31)	7/23/2022 (week 30)	7/31/2021 (week 31)	7/30/2022	7/30/2021	% Change	7/30/2022	7/31/2021	% Change
Alabama	139	135	162	4,969	5,940	-16.3	8,453	10,646	-20.6
Alaska	18	17	16	569	616	-7.7	993	1,045	-5.0
Colorado	293	284	245	7,004	6,078	15.2	12,769	10,369	23.1
Illinois	597	605	583	20,823	23,496	-11.4	34,098	36,614	-6.9
Indiana	382	378	361	11,361	11,099	2.4	19,685	19,032	3.4
<b>Kentucky total</b>	<b>527</b>	<b>515</b>	<b>459</b>	<b>15,788</b>	<b>15,170</b>	<b>4.1</b>	<b>26,984</b>	<b>25,769</b>	<b>4.7</b>
Eastern (KY)	236	229	182	6,547	5,614	16.6	11,039	9,104	21.3
Western (KY)	292	287	277	9,242	9,557	-3.3	15,945	16,665	-4.3
Louisiana	7	7	8	160	154	4.1	305	282	8.2
Maryland	24	25	24	733	742	-1.2	1,251	1,167	7.2
Mississippi	62	65	62	1,841	1,913	-3.8	3,121	2,873	8.6
Missouri	s	s	s	30	37	-20.0	37	101	-63.4
Montana	605	602	563	16,594	15,800	5.0	29,301	26,868	9.1
New Mexico	166	171	146	5,418	5,044	7.4	9,620	9,091	5.8
North Dakota	522	507	524	15,385	15,367	0.1	26,493	26,308	0.7
Ohio	50	48	52	1,457	1,524	-4.4	2,688	2,885	-6.8
Oklahoma	s	s	s	1	s	NM	1	s	100.0
<b>Pennsylvania total</b>	<b>729</b>	<b>729</b>	<b>665</b>	<b>24,007</b>	<b>26,127</b>	<b>-8.1</b>	<b>40,216</b>	<b>41,969</b>	<b>-4.2</b>
Anthracite (PA)	40	40	37	1,241	1,147	8.2	2,200	2,117	3.9
Bituminous (PA)	689	688	628	22,766	24,980	-8.9	38,016	39,852	-4.6
Texas	350	341	347	9,173	9,131	0.5	17,248	17,443	-1.1
Utah	226	225	226	6,921	7,222	-4.2	12,103	12,664	-4.4
Virginia	221	222	208	6,353	6,209	2.3	11,018	10,303	6.9
<b>West Virginia total</b>	<b>1,556</b>	<b>1,535</b>	<b>1,348</b>	<b>46,855</b>	<b>45,891</b>	<b>2.1</b>	<b>79,595</b>	<b>74,618</b>	<b>6.7</b>
Northern (WV)	868	846	744	26,052	25,796	1.0	44,619	42,680	4.5
Southern (WV)	688	689	604	20,803	20,095	3.5	34,975	31,937	9.5
Wyoming	5,181	5,118	4,707	142,931	132,335	8.0	248,756	226,681	9.7
Appalachian total	2,955	2,922	2,640	90,921	92,047	-1.2	154,260	150,692	2.4
<b>Interior total</b>	<b>1,689</b>	<b>1,684</b>	<b>1,638</b>	<b>52,630</b>	<b>55,387</b>	<b>-5.0</b>	<b>90,440</b>	<b>93,010</b>	<b>-2.8</b>
<b>Western total</b>	<b>7,013</b>	<b>6,925</b>	<b>6,428</b>	<b>194,823</b>	<b>182,463</b>	<b>6.8</b>	<b>340,036</b>	<b>313,026</b>	<b>8.6</b>
<b>East of Mississippi River</b>	<b>4,287</b>	<b>4,256</b>	<b>3,923</b>	<b>134,188</b>	<b>138,112</b>	<b>-2.8</b>	<b>227,109</b>	<b>225,876</b>	<b>0.5</b>
<b>West of Mississippi River</b>	<b>7,369</b>	<b>7,274</b>	<b>6,783</b>	<b>204,186</b>	<b>191,784</b>	<b>6.5</b>	<b>357,627</b>	<b>330,852</b>	<b>8.1</b>
Bituminous and lignite	11,617	11,490	10,669	337,133	328,750	2.6	582,535	554,611	5.0
Anthracite	40	40	37	1,241	1,147	8.2	2,200	2,117	3.9
<b>U.S. total</b>	<b>11,657</b>	<b>11,530</b>	<b>10,706</b>	<b>338,374</b>	<b>329,897</b>	<b>2.6</b>	<b>584,736</b>	<b>556,728</b>	<b>5.0</b>
Railroad cars loaded	68,617	67,719	62,965	1,952,791	1,887,076	3.5	3,392,397	3,203,443	5.9

Source: Energy Information Administration



## Weekly Electric Output

Volume 90 No. 31

### OUTPUT FOR WEEK ENDED - Jul 30, 2022

Aug 03, 2022

The net available amount of electric energy distributed by the Total Electric Utility Industry\* for the week ended Saturday, **Jul 30, 2022** was **93,723** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **182** on the weekly electric output index.

### WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended July 30		52 Weeks Ended July 30	
	GWh Output	% Increase Over Corresponding Week of 2021	GWh Output	% Increase Over Corresponding Period of 2021
New England	2,869	19.2	116,428	1.1
Mid-Atlantic	9,593	2.0	420,040	1.4
Central Industrial	13,986	-4.6	660,659	3.1
West Central	7,120	-8.7	341,084	3.8
Southeast	23,686	-0.1	1,034,007	2.7
South Central	20,282	5.9	824,928	7.5
Rocky Mountain	6,671	-0.2	294,070	0.0
Pacific Northwest	3,299	8.1	159,877	1.7
Pacific Southwest	6,217	-1.9	268,007	-0.9
Total United States	93,723	0.6	4,119,100	3.1

### WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2022	Week Ended	2021	% Inc. (22/21)	52 Weeks Ended	2022	% Inc. (22/21)
Jul 09	91,757	Jul 10	87,567	4.8	Jul 09	4,105,825	2.7
Jul 16	92,684	Jul 17	89,602	3.4	Jul 16	4,108,907	2.8
Jul 23	99,445	Jul 24	89,781	10.8	Jul 23	4,118,572	3.2
Jul 30	93,723	Jul 31	93,196	0.6	Jul 30	4,119,099	3.1
<b>Jul 30</b>	<b>2,487,280</b>	<b>Jul 31</b>	<b>2,400,815</b>	<b>3.6</b>	<b>YEAR TO DATE, FIRST 31 WEEKS</b>		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2022	Week Ended	2021	Week Ended	2020
Jul 09	184	Jul 10	172	Jul 11	186
Jul 16	177	Jul 17	169	Jul 18	178
Jul 23	191	Jul 24	171	Jul 25	182
Jul 30	182	Jul 31	181	Aug 01	182

\* 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		
	30-Jul 2022 GWh Output	31-Jul 2021 GWh Output	% Increase Over Corresponding Week	30-Jul 2022 GWh Output	31-Jul 2021 GWh Output	% Increase Over Corresponding Week	30-Jul 2022 GWh Output	31-Jul 2021 GWh Output	% Increase Over Corresponding Week
<b>New England</b>	2,869	2,407	19.2%	<b>69,248</b>	<b>68,750</b>	<b>0.7%</b>	116,428	115,159	1.1%
<b>Mid-Atlantic</b>	9,593	9,408	2.0%	<b>251,660</b>	<b>249,917</b>	<b>0.7%</b>	420,040	414,116	1.4%
<b>Central Industrial</b>	13,986	14,656	-4.6%	<b>401,722</b>	<b>392,104</b>	<b>2.5%</b>	660,659	640,718	3.1%
<b>West Central</b>	7,120	7,800	-8.7%	<b>205,194</b>	<b>199,247</b>	<b>3.0%</b>	341,084	328,623	3.8%
<b>Southeast</b>	23,686	23,704	-0.1%	<b>626,467</b>	<b>607,298</b>	<b>3.2%</b>	1,034,007	1,006,529	2.7%
<b>South Central</b>	20,282	19,147	5.9%	<b>504,551</b>	<b>457,638</b>	<b>10.3%</b>	824,928	767,156	7.5%
<b>Rocky Mountain</b>	6,671	6,682	-0.2%	<b>173,837</b>	<b>172,714</b>	<b>0.7%</b>	294,070	294,123	0.0%
<b>Pacific Northwest</b>	3,299	3,051	8.1%	<b>98,804</b>	<b>97,102</b>	<b>1.8%</b>	159,877	157,198	1.7%
<b>Pacific Southwest</b>	6,217	6,341	-2.0%	<b>155,796</b>	<b>156,049</b>	<b>-0.2%</b>	268,007	270,502	-0.9%
<b>Total United States <sup>1/</sup></b>	<b>93,723</b>	<b>93,196</b>	<b>0.6%</b>	<b>2,487,279</b>	<b>2,400,819</b>	<b>3.6%</b>	<b>4,119,100</b>	<b>3,994,124</b>	<b>3.1%</b>
<b>Coal Regions Only <sup>2/</sup></b>	81,338	81,397	-0.1%	<b>2,163,431</b>	<b>2,078,918</b>	<b>4.1%</b>	3,574,788	3,451,265	3.6%

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.

<sup>1/</sup> Excludes Alaska and Hawaii

<sup>2/</sup> Excludes New England and Pacific regions

SOURCE: Edison Electric Institute (EEI), *Weekly Electric Output Report*.

AMERICAN IRON AND STEEL INSTITUTE  
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August 1, 2022

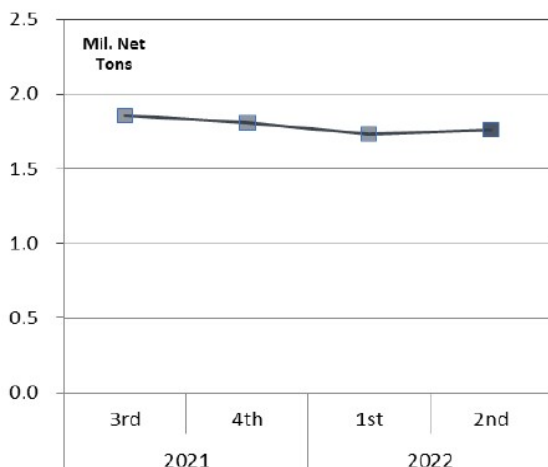
**ESTIMATED WEEKLY RAW STEEL \* PRODUCTION**

<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</u>		
				<u>July 30</u>	<u>July 23</u>	
<b><u>Week Ending</u></b>				North East	166	171
				Great Lakes	562	568
July 30, 2022	1,727	-1.5	78.4	Midwest	207	210
July 30, 2021	1,862	-7.3	84.4	Southern	728	738
July 23, 2022	1,754	0.9	79.6	Western	64	67
				<b>Total</b>	<b>1,727</b>	<b>1,754</b>
<b><u>Year-to-Date +</u></b>						
July 30, 2022	52,747	-2.9	80.2			
July 30, 2021	54,347	-	80.1			

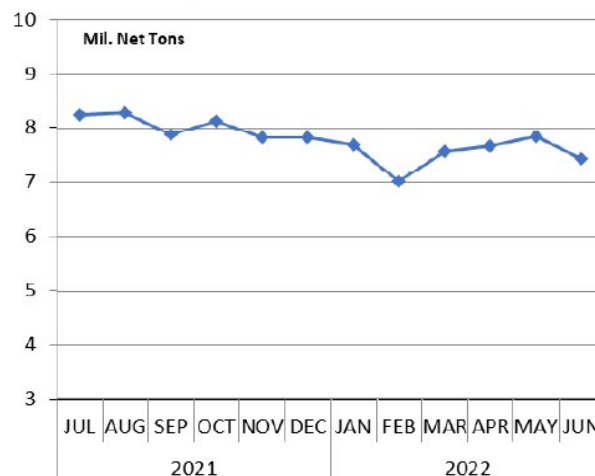
\*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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: Rate of capability utilization for June 2022 was approximately 79.6%, 7.45 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**





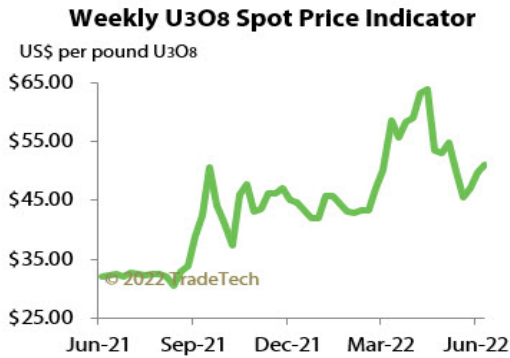
Source: Kitco website - [www.kitco.com/connecting.html](http://www.kitco.com/connecting.html)

**U.S. Rail Traffic<sup>1</sup>**  
**Week 30, 2022 – Ended July 30, 2022**

	This Week		Year-To-Date		
	Cars	vs 2021	Cumulative	Avg/wk <sup>2</sup>	vs 2021
<b>Total Carloads</b>	<b>237,079</b>	<b>3.6%</b>	<b>6,900,820</b>	<b>230,027</b>	<b>-0.1%</b>
Chemicals	33,305	0.9%	1,013,163	33,772	4.1%
Coal	68,617	9.1%	1,945,544	64,851	3.4%
Farm Products excl. Grain, and Food	16,298	9.2%	488,399	16,280	3.4%
Forest Products	9,966	-1.8%	296,163	9,872	-1.7%
Grain	21,566	18.3%	669,701	22,323	-6.9%
Metallic Ores and Metals	22,952	-6.9%	624,662	20,822	-7.1%
Motor Vehicles and Parts	13,029	5.3%	388,315	12,944	-0.7%
Nonmetallic Minerals	32,794	1.4%	921,322	30,711	4.6%
Petroleum and Petroleum Products	9,744	-5.3%	283,034	9,434	-12.0%
Other	8,808	-12.3%	270,517	9,017	-8.3%
<b>Total Intermodal Units</b>	<b>268,330</b>	<b>-1.9%</b>	<b>7,912,632</b>	<b>263,754</b>	<b>-5.8%</b>
<b>Total Traffic</b>	<b>505,409</b>	<b>0.6%</b>	<b>14,813,452</b>	<b>493,782</b>	<b>-3.2%</b>

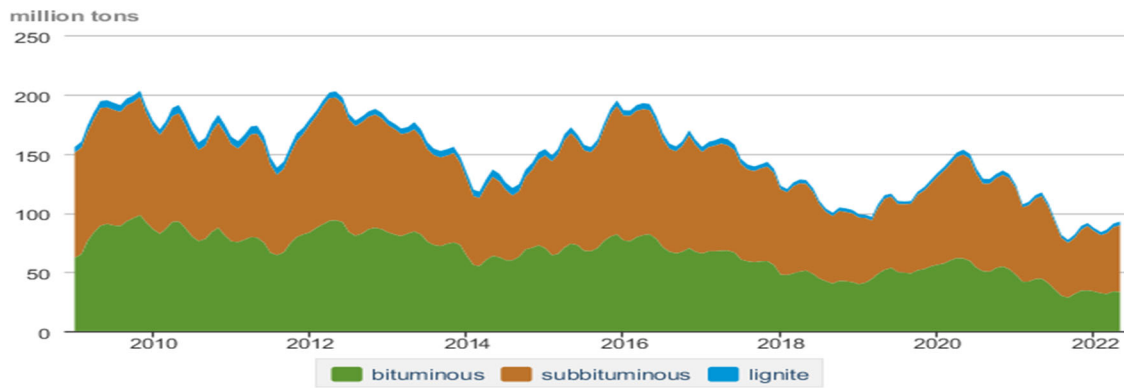
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

### Trade Tech's and UX's Uranium Price Indicators



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

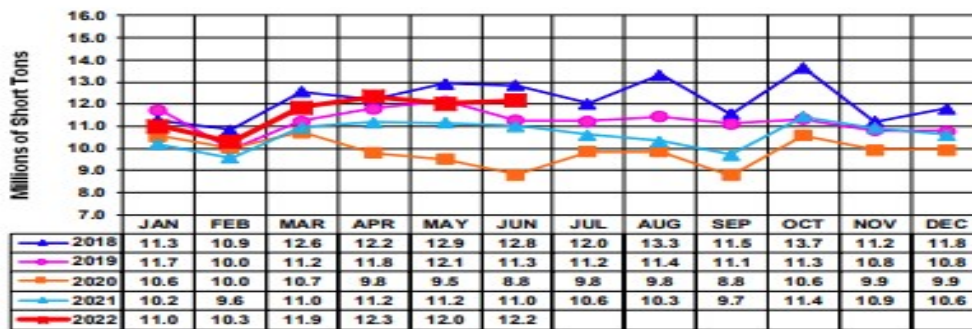
### Coal stocks by type, January 2009 - May 2022



eia Source: U.S. Energy Information Administration

Source: Energy Information Administration, Electric Monthly Update

### Coal and Coke Monthly Indicator for Internal U.S. Waterways



For the Internal U.S. Waterway Monthly Indicators, estimates for the most recent month are based on lock performance management data. The estimates will be superseded by actual data as it becomes available.

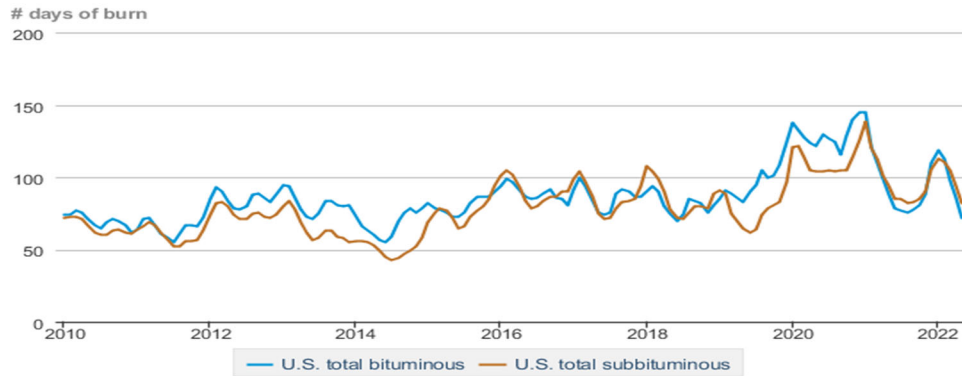
Source: Waterborne Commerce Statistics Center

**Average weekly coal commodity spot prices**  
dollars per short ton

	Week ending					Week ago
	07/01/22	07/08/22	07/15/22	07/22/22	07/29/22	change
Central Appalachia 12,500 Btu, 1.2 SO <sub>2</sub>	\$168.05	\$168.05	\$177.30	\$177.30	\$177.30	\$0.00
Northern Appalachia 13,000 Btu, < 3.0 SO <sub>2</sub>	\$141.30	\$141.30	\$142.55	\$142.55	\$142.55	\$0.00
Illinois Basin 11,800 Btu, 5.0 SO <sub>2</sub>	\$190.25	\$190.25	\$183.50	\$183.50	\$183.50	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO <sub>2</sub>	\$16.55	\$16.55	\$16.55	\$16.55	\$16.55	\$0.00
Uinta Basin 11,700 Btu, 0.8 SO <sub>2</sub>	\$40.65	\$40.65	\$41.50	\$41.50	\$41.50	\$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 - May 2022**



Source: U.S. Energy Information Administration

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

**Temperature – heating & cooling degree days (week ending Jul 21)**

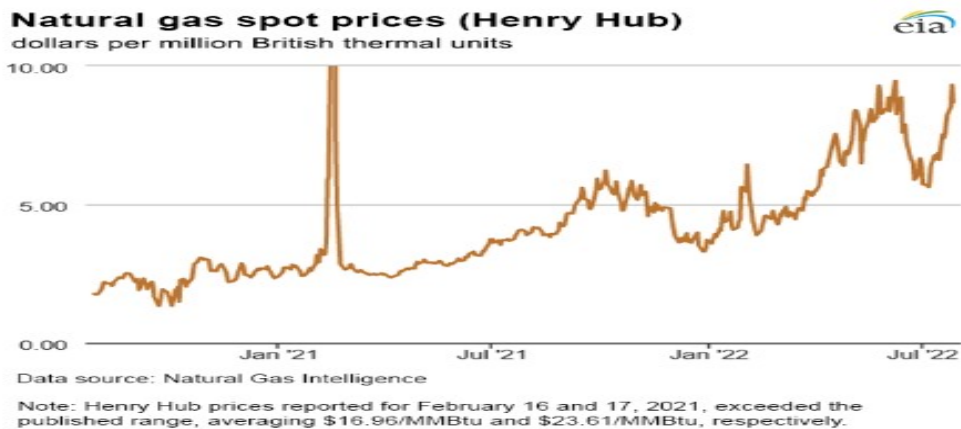
Region	HDDs			CDDs		
	Current total	Deviation from normal	Deviation from last year	Current total	Deviation from normal	Deviation from last year
New England	0	-1	0	69	26	8
Middle Atlantic	0	-1	0	81	23	6
E N Central	1	-1	0	68	11	16
W N Central	0	-3	0	92	20	33
South Atlantic	0	0	0	102	5	1
E S Central	0	0	0	105	10	17
W S Central	0	0	0	149	24	37
Mountain	0	-4	0	106	27	20
Pacific	1	-3	0	70	26	10
United States	0	-2	0	92	18	14

Data source: 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	2022 Year to Date - 1st Quarter	2021 Year to Date - 1st Quarter	Percent Change
Aluminum, secondary (000 Mt.)	215.0	209.0	3%
Cement (Mil. Mt.)	19.1	18.1	6%
Copper (000 Mt.)	321.0	297.0	8%
Gold (Mt.)	52.5	44.7	17%
Gypsum (Mil. Mt.)	4.3	4.6	-7%
Iron Ore (Mil. Mt.)	10.5	13.2	-20%
Lead (000 Mt.)	68.2	72.6	-6%
Molybdenum (000 Mt.)	9.0	13.1	-31%
Palladium (Mt.)	2.9	3.7	-22%
Phosphate rock (Mil. Mt.)	4.6	5.3	-13%
Platinum (Mt.)	0.9	1.1	-18%
Sand & gravel, construction (Mil. Mt.)	185.0	176.0	5%
Silver (Mt.)	255.0	255.0	0%
Soda ash (Mil. Mt.)	2.8	2.7	4%
Stone, crushed (Mil. Mt.)	291.0	281.0	4%
Zinc (000 Mt.)	180.0	163.0	10%

Source: U.S. Geological Survey, Mineral Industry Surveys. Percent change based on USGS rounded numbers. 2022 data are preliminary estimates. W - withheld, N/A - not available



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	May 2022		May 2021		% Change of Stocks	April 2022		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	1,384	270	2,887	365	-52.1%	1,392	231	-0.6%
	Subbituminous								
South	Bituminous	12,155	63	16,232	77	-25.1%	12,737	77	-4.6%
	Subbituminous	3,503	45	5,610	65	-37.5%	3,316	55	5.6%
Midwest	Bituminous	7,010	65	9,323	81	-24.8%	8,159	85	-14.1%
	Subbituminous	19,538	92	26,193	117	-25.4%	18,556	100	5.3%
West	Bituminous	3,143	147	2,948	146	6.6%	2,868	142	9.6%
	Subbituminous	19,578	88	22,434	86	-12.7%	19,902	101	-1.6%
U.S. Total	Bituminous	23,692	72	31,390	88	-24.5%	25,156	86	-5.8%
	Subbituminous	42,619	82	54,237	94	-21.4%	41,775	94	2.0%

Source: U.S. Energy Information Administration

Source: Energy Information Administration, *Electricity Monthly Update*

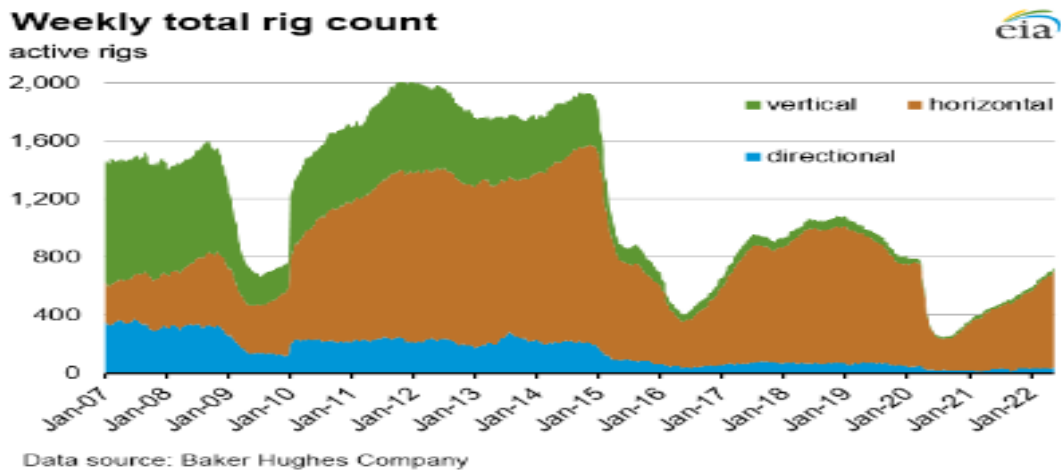
### EIA Working Natural Gas Underground Storage

Region	Stocks billion cubic feet (Bcf)		
	2022-07-22	2022-07-15	change
East	532	521	11
Midwest	625	608	17
Mountain	144	144	0
Pacific	253	253	0
South Central	862	874	-12
<b>Total</b>	<b>2,416</b>	<b>2,401</b>	<b>15</b>

Data 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: 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					
	July 2022	August 2022	change	July 2022	August 2022	change			
Anadarko	712	711	(1)	3,678	3,670	(8)			
Appalachia	191	191	-	27,993	27,601	(392)			
Bakken	1,724	1,726	2	2,499	2,503	4			
Eagle Ford	1,783	1,703	(80)	6,752	6,516	(236)			
Haynesville	20	20	-	11,134	11,022	(112)			
Niobrara	1,532	1,517	(15)	3,875	3,817	(58)			
Permian	1,119	1,107	(12)	2,174	2,150	(24)			
Rig-weighted average	1,019	1,007	(12)	5,898	5,777	(121)			

Source: Energy Information Administration, *Drilling Productivity Report*

### USGS Cobalt – U.S. Trade, Reported Stocks and Listed Prices

Cobalt - March 2022	Mar-22	Year to Date
U.S. Imports for Consumption - Metals (mt)	648	1,840
U.S. Exports of Cobalt Materials - Cobalt Content (mt)	597	1,340
Reported Stocks of Cobalt Metal (mt)	U.S. Govt	LME
	302	248
Listed Prices by Type (\$/lb): US Spot & LME Cash Avg.	38.17	36.47

Source: USGS, Mineral Industry Survey, Cobalt in March 2022, May 2022

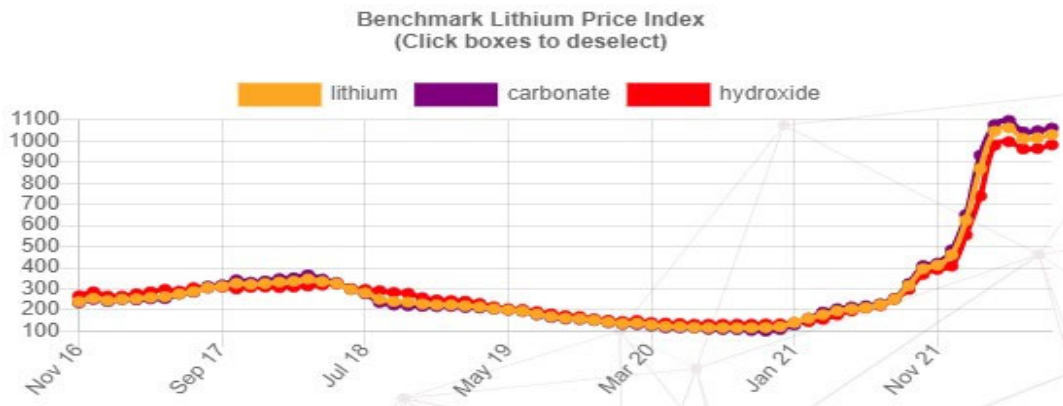
### Cobalt and Lithium Prices

#### Cobalt Prices (US\$/pound):



Source: Dailymetalprice.com - <https://www.dailymetalprice.com/metalpricecharts.php?c=co&u=lb&d=0>

#### Lithium Price Index:



Source: Benchmark Mineral Intelligence - <https://www.benchmarkminerals.com/lithium-prices/>