
NATIONAL MINING ASSOCIATION

Weekly Statistical Summary

January 29, 2021 Edition
(Data for Week Ending January 23, 2021)

Prepared by
National Mining Association



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NMA Weekly Statistical Summary

Vol. 59, No. 4
Dated 01/29/21

PRODUCTION, CONSUMPTION & TRADE

	Week Ended			* Cumulative Jan 1 to		
	01/23/21	01/25/20	% Chng	01/23/21	01/23/20	% Chng
EIA Coal Production (000 Tons):						
Week Ended/Year to Date	11,542	12,315	-6.3%	36,117	41,298	-12.5%
52 Weeks Ended	530,424	695,140	-23.7%			
AAR Coal Rail Cars Loaded:	63,474	68,295	-7.1%	196,250	230,066	-14.7%
Coal Production Month Ended - Dec	December 20/19 46,436	% Chng 53,184	% Chng -12.7%	Jan - Dec 20/19 539,053	% Chng 706,309	% Chng -23.7%
DOC Coal Trade (000 Tons)						
Exports:	November 20/19			Jan - Nov 20/19		
			% Chng			% Chng
Metallurgical	3,735	4,490	-16.8%	38,006	50,802	-25.2%
Steam Bit. *	3,208	2,986	7.4%	23,801	35,279	-32.5%
Lignite	6	8	-25.0%	83	86	-3.5%
Anthracite	74	12	516.7%	236	251	-6.0%
Total	7,023	7,496	-6.3%	62,126	86,418	-28.1%
Imports:	639	466	37.1%	4,676	6,182	-24.4%
	Week Ended			Cumulative Week 1 to		
	01/23/21	01/25/20	% Chng	01/23/21	01/25/20	% Chng
EI Electric Total Output (Mil. Kwh)	77,172	80,176	-3.7%	309,192	302,387	2.3%
EI Coal Region Output (Mil. Kwh)	66,701	69,645	-4.2%	267,460	259,781	3.0%
AISI Raw Steel Output (000 Tons)	1,717	1,906	-9.9%	5,635	6,243	-9.7%

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)	
	01/22/21	01/15/21	% Chng	Wed.	01/20/21
Central App, 12,500 Btu, 1.2 SO ₂	\$54.00	\$55.10	-2.0%	Henry Hub	2.42
Northern App, 13,000 Btu, < 3.0 SO ₂	47.25	45.85	3.1%	New York	2.40
Illinois Basin, 11,800, 5.0 SO ₂	34.25	34.25	0.0%	Chicago	2.36
Powder River Basin, 8,800 Btu 0.8 SO ₂	11.35	11.40	-0.4%	Cal.Comp.Avg.	2.91
Uinta Basin, 11,700 Btu, 0.8 SO ₂	31.25	31.40	-0.5%		

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)

Weekly U.S. Coal Production Overview									
Coal-Producing Region & State (thousand short tons)	Week Ended			Year to Date			52 Weeks Ended		
	1/23/2021 (week 4)	1/16/2021 (week 3)	1/25/2020 (week 4)	1/23/2021	1/23/2020	% Change	1/23/2021	1/25/2020	% Change
Alabama	275	252	266	884	892	-0.9	12,045	13,905	-13.4
Alaska	27	24	24	83	80	4.2	1,003	983	2.0
Arizona	3,375	.
Colorado	217	190	219	660	734	-10.0	9,744	12,579	-22.5
Illinois	634	574	742	1,982	2,489	-20.4	30,624	44,503	-31.2
Indiana	405	372	487	1,269	1,634	-22.3	19,934	30,602	-34.9
Kentucky Total	440	424	594	1,430	1,993	-28.2	23,088	35,140	-34.3
Eastern (KY)	149	137	195	467	656	-28.7	7,826	13,353	-41.4
Western (KY)	291	286	399	963	1,337	-28.0	15,262	21,788	-30.0
Louisiana	16	18	35	59	117	-49.9	835	1,552	-46.2
Maryland	26	23	26	79	87	-8.8	1,118	1,447	-22.7
Mississippi	76	59	46	213	155	37.4	2,888	2,680	7.8
Missouri	4	3	4	11	12	-5.2	156	187	-16.6
Montana	580	534	643	1,825	2,157	-15.4	26,560	34,602	-23.2
New Mexico	234	209	260	716	872	-17.9	10,620	14,321	-25.8
North Dakota	682	618	594	2,147	1,991	7.8	27,220	26,915	1.1
Ohio	69	69	103	228	346	-34.1	3,705	7,551	-50.9
Oklahoma	1	1	s	4	s	NM	27	208	-87.0
Pennsylvania Total	727	706	920	2,370	3,085	-23.2	35,386	49,531	-28.6
Anthracite (PA)	58	52	55	178	183	-2.5	2,423	2,646	-8.4
Bituminous (PA)	669	654	865	2,192	2,902	-24.5	32,962	46,885	-29.7
Tennessee	9	8	8	29	25	13.9	212	441	-51.9
Texas	405	364	415	1,254	1,392	-9.9	18,716	22,810	-17.9
Utah	321	276	291	970	976	-0.6	12,938	14,169	-8.7
Virginia	210	199	260	678	870	-22.1	9,557	12,442	-23.2
West Virginia Total	1,411	1,250	1,501	4,304	5,034	-14.5	65,621	91,434	-28.2
Northern (WV)	773	676	739	2,336	2,478	-5.8	35,283	45,987	-23.3
Southern (WV)	637	575	762	1,968	2,556	-23.0	30,338	45,447	-33.2
Wyoming	4,771	4,356	4,878	14,920	16,357	-8.8	218,429	273,761	-20.2
Appalachian Total	2,876	2,644	3,279	9,039	10,995	-17.8	135,469	190,104	-28.7
Interior Total	1,833	1,678	2,128	5,755	7,136	-19.3	88,442	124,329	-28.9
Western Total	6,832	6,208	6,908	21,322	23,166	-8.0	306,513	380,707	-19.5
East of Mississippi River	4,283	3,936	4,953	13,467	16,611	-18.9	204,177	289,677	-29.5
West of Mississippi River	7,259	6,595	7,362	22,650	24,687	-8.3	326,246	405,463	-19.5
Bituminous and Lignite	11,484	10,478	12,261	35,938	41,115	-12.6	528,000	692,494	-23.8
Anthracite	58	52	55	178	183	-2.5	2,423	2,646	-8.4
U.S. Total	11,542	10,530	12,315	36,117	41,298	-12.5	530,424	695,140	-23.7
Railroad Cars Loaded	63,474	57,665	68,295	196,250	230,066	-14.7	2,972,428	3,951,030	-24.8

Source: Energy Information Administration



Weekly Electric Output

Volume 89 No. 4

OUTPUT FOR WEEK ENDED - Jan 23, 2021

Jan 27, 2021

The net available amount of electric energy distributed by the Total Electric Utility Industry* for the week ended Saturday, **Jan 23, 2021** was **77,172** gigawatthours (GWh), according to the Edison Electric Institute. This is equivalent to **166** on the weekly electric output index.

WEEKLY ELECTRIC OUTPUT BY GEOGRAPHIC DIVISION

(48 CONTIGUOUS STATES)

	Week Ended January 23		52 Weeks Ended January 23	
	GWh Output	% Increase Over Corresponding Week of 2020	GWh Output	% Increase Over Corresponding Period of 2020
New England	2,327	-3.6	114,307	-2.0
Mid-Atlantic	8,255	-4.2	408,230	-4.3
Central Industrial	13,081	-3.2	630,962	-4.1
West Central	6,518	-2.1	320,942	-2.6
Southeast	20,031	-6.7	990,086	-3.2
South Central	13,236	-3.9	759,872	-1.2
Rocky Mountain	5,580	-0.8	286,832	0.9
Pacific Northwest	3,531	5.4	153,305	-2.7
Pacific Southwest	4,613	-3.2	266,078	-0.7
Total United States	77,172	-3.7	3,930,615	-2.5

WEEKLY ELECTRIC OUTPUT IN PREVIOUS WEEKS--GWh

Week Ended	2021	Week Ended	2020	% Inc. (21/20)	52 Weeks Ended	2021	% Inc. (21/20)
Jan 02	74,553	Jan 04	71,647	4.1	Jan 02	3,926,716	-2.8
Jan 09	78,040	Jan 11	75,825	2.9	Jan 09	3,928,931	-2.7
Jan 16	79,427	Jan 18	74,738	6.3	Jan 16	3,933,619	-2.5
Jan 23	77,172	Jan 25	80,176	-3.7	Jan 23	3,930,615	-2.5
Jan 23	309,192	Jan 25	302,387	2.3	YEAR TO DATE, FIRST 4 WEEKS		

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

SEASONALLY ADJUSTED 1982 = 100

Week Ended	2021	Week Ended	2020	Week Ended	2019
Jan 02	160	Jan 04	158	Jan 05	176
Jan 09	165	Jan 11	163	Jan 12	177
Jan 16	169	Jan 18	163	Jan 19	184
Jan 23	166	Jan 25	157	Jan 26	200

* 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		
	23-Jan 2021 GWh Output	25-Jan 2020 GWh Output	% Increase Over Corresponding Week	23-Jan 2021 GWh Output	25-Jan 2020 GWh Output	% Increase Over Corresponding Week	23-Jan 2021 GWh Output	25-Jan 2020 GWh Output	% Increase Over Corresponding Week
New England	2,327	2,414	-3.6%	9,312	9,312	0.0%	114,307	116,611	-2.0%
Mid-Atlantic	8,255	8,615	-4.2%	32,304	32,751	-1.4%	408,230	426,365	-4.3%
Central Industrial	13,081	13,508	-3.2%	51,459	51,200	0.5%	630,962	657,665	-4.1%
West Central	6,518	6,658	-2.1%	25,316	25,378	-0.2%	320,942	329,452	-2.6%
Southeast	20,031	21,467	-6.7%	80,255	75,090	6.9%	990,086	1,022,869	-3.2%
South Central	13,236	13,769	-3.9%	55,789	52,772	5.7%	759,872	768,766	-1.2%
Rocky Mountain	5,580	5,628	-0.9%	22,337	22,590	-1.1%	286,832	284,370	0.9%
Pacific Northwest	3,531	3,350	5.4%	13,760	14,260	-3.5%	153,305	157,611	-2.7%
Pacific Southwest	4,613	4,767	-3.2%	18,660	19,033	-2.0%	266,078	267,950	-0.7%
Total United States^{1/}	<u>77,172</u>	<u>80,176</u>	-3.7%	<u>309,192</u>	<u>302,386</u>	2.3%	<u>3,930,614</u>	<u>4,031,659</u>	-2.5%
Coal Regions Only^{2/}	66,701	69,645	-4.2%	267,460	259,781	3.0%	3,396,924	3,489,487	-2.7%

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 municipality 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 19, 2021

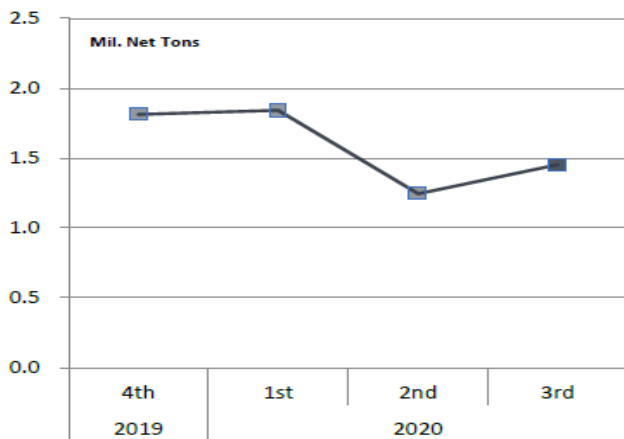
ESTIMATED WEEKLY RAW STEEL * PRODUCTION

<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 23</u>	<u>Week Ending Jan 16</u>	
<u>Week Ending</u>				North East	153	158
				Great Lakes	614	621
January 23, 2021	1,717	-1.2	75.7	Midwest	189	192
January 23, 2020	1,906	-9.9	82.4	Southern	692	695
January 16, 2020	1,738	1.7	76.7	Western	69	72
				Total	1,717	1,738
<u>Year-to-Date +</u>						
January 23, 2021	5,635	-9.7	75.8			
January 23, 2020	6,243	-	82.4			

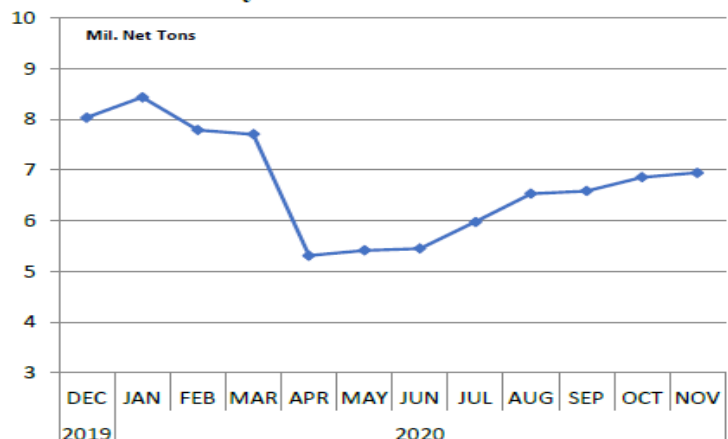
*Raw steel production tonnage included in this report is estimated based on a sampling of steel producers (50% of domestic producers). Therefore, this report should be used primarily to assess production trends. The AISI production report "AIS 7," produced monthly and available by subscription, provides 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 2021 is approximately 29.1 million net tons vs. 30.1 million net tons for the same period last year, and 29.1 million tons for the fourth quarter of 2020.

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 3, 2021 – Ended January 23, 2021

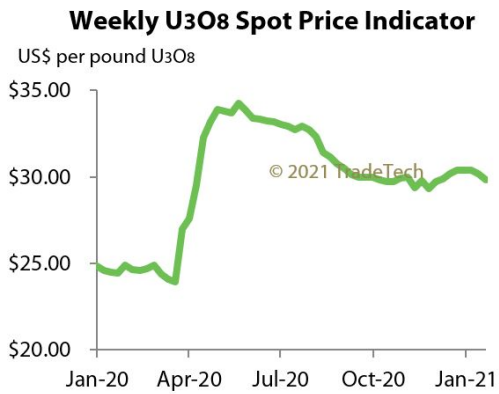
	This Week		Year-To-Date		
	Cars	vs 2020	Cumulative	Avg/wk ²	vs 2020
Total Carloads	230,979	-0.7%	698,933	232,978	-1.4%
Chemicals	32,140	2.7%	102,275	34,092	4.9%
Coal	63,474	-7.2%	181,919	60,640	-13.2%
Farm Products excl. Grain, and Food	16,155	1.1%	49,863	16,621	5.5%
Forest Products	10,192	6.3%	30,343	10,114	2.8%
Grain	27,295	25.1%	82,558	27,519	38.9%
Metallic Ores and Metals	20,862	-0.3%	67,787	22,596	6.6%
Motor Vehicles and Parts	14,127	-2.5%	42,993	14,331	-2.4%
Nonmetallic Minerals	25,233	-9.6%	76,210	25,403	-13.3%
Petroleum and Petroleum Products	12,522	-8.3%	36,126	12,042	-11.2%
Other	8,979	5.4%	28,859	9,620	-1.7%
Total Intermodal Units	298,051	17.8%	883,897	294,632	13.6%
Total Traffic	529,030	9.0%	1,582,830	527,610	6.5%

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.

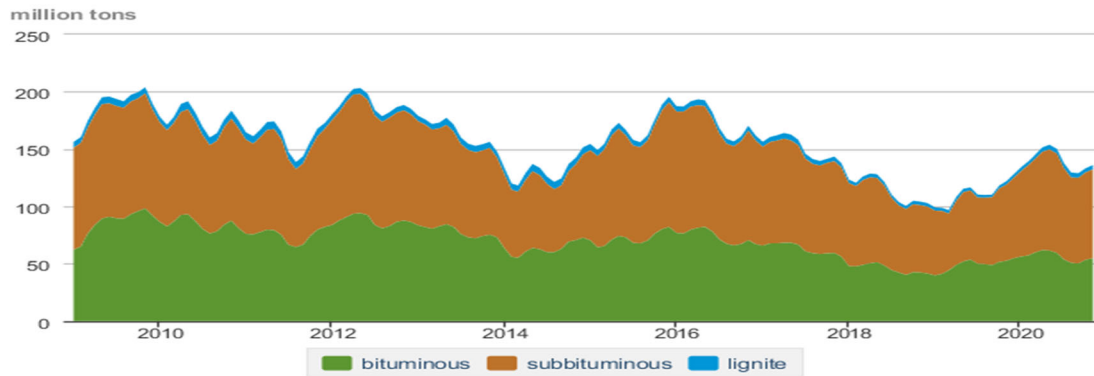
Source: AAR website - <https://www.aar.org/Pages/NEWS-and-EVENTS.aspx>

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>

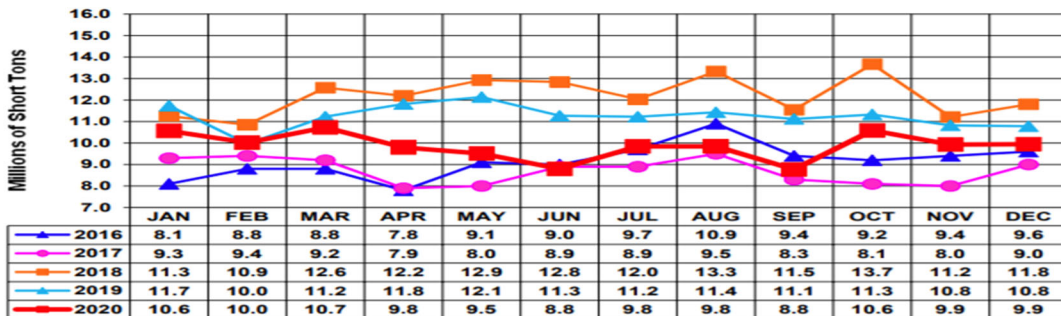
Coal stocks by type, January 2009 - November 2020



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
	12/25/20	01/01/21	01/08/21	01/15/21	01/22/21	change
Central Appalachia 12,500 Btu, 1.2 SO ₂	\$54.35	\$54.35	\$55.10	\$55.10	\$54.00	\$-1.10
Northern Appalachia 13,000 Btu, < 3.0 SO ₂	\$45.15	\$45.15	\$45.85	\$45.85	\$47.25	\$1.40
Illinois Basin 11,800 Btu, 5.0 SO ₂	\$34.10	\$34.10	\$34.25	\$34.25	\$34.25	\$0.00
Powder River Basin 8,800 Btu, 0.8 SO ₂	\$11.55	\$11.55	\$11.40	\$11.40	\$11.35	\$-0.05
Uinta Basin 11,700 Btu, 0.8 SO ₂	\$29.85	\$29.85	\$31.40	\$31.40	\$31.25	\$-0.15

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

Days of burn by non-lignite coal rank, January 2010 - November 2020



Source: U.S. Energy Information Administration

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

Temperature – heating & cooling degree days (week ending Jan 14)

Region	HDD Current	HDD deviation from:		CDD Current	CDD deviation from:	
		normal	last year		normal	last year
New England	242	-31	54	0	0	0
Middle Atlantic	231	-30	52	0	0	0
E N Central	245	-51	38	0	0	0
W N Central	240	-78	-36	0	0	0
South Atlantic	180	-3	84	2	-6	-13
E S Central	204	14	112	0	-2	-1
W S Central	167	25	88	0	-3	-8
Mountain	223	-13	-1	0	0	0
Pacific	95	-29	-44	0	0	0
United States	198	-28	30	0	-2	-3

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	2020 Year to Date - 3rd Quarter	2019 Year to Date - 3rd Quarter	Percent Change
Aluminum, secondary (000 Mt.)	609.0	628.0	-3%
Cement (Mil. Mt.)	66.3	66.0	0%
Copper (000 Mt.)	908.0	959.0	-5%
Gold (Mt.)	137.0	148.0	-7%
Gypsum (Mil. Mt.)	12.8	13.1	-2%
Iron Ore (Mil. Mt.)	27.0	35.6	-24%
Lead (000 Mt.)	215.0	206.0	4%
Molybdenum (000 Mt.)	41.7	31.9	31%
Phosphate rock (Mil. Mt.)	17.9	17.3	3%
Sand & gravel, construction (Mil. Mt.)	719.0	731.0	-2%
Silver (Mt.)	780.0	737.0	6%
Soda ash (Mil. Mt.)	7.2	8.7	-17%
Stone, crushed (Mil. Mt.)	1,100.0	1,140.0	-4%
Zinc (000 Mt.)	501.0	565.0	-11%

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: 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	November 2020		November 2019		% Change of Stocks	October 2020		% Change of Stocks
		Stocks (1000 tons)	Days of Burn	Stocks (1000 tons)	Days of Burn		Stocks (1000 tons)	Days of Burn	
Northeast	Bituminous	4,135	325	4,018	201	2.9%	4,274	314	-3.2%
	Subbituminous	160	139	162	144	-1.2%	160	142	0.0%
South	Bituminous	21,266	130	22,887	113	-7.1%	20,332	119	4.6%
	Subbituminous	6,539	100	5,709	67	14.6%	6,062	85	7.9%
Midwest	Bituminous	14,001	121	11,527	86	21.5%	13,745	114	1.9%
	Subbituminous	28,798	132	25,709	99	12.0%	28,477	123	1.1%
West	Bituminous	3,934	197	3,184	116	23.6%	3,894	182	1.0%
	Subbituminous	24,124	103	22,412	72	7.6%	23,270	93	3.7%
U.S. Total	Bituminous	43,336	140	41,616	109	4.1%	42,244	129	2.6%
	Subbituminous	59,621	114	53,991	83	10.4%	57,968	105	2.9%

Source: U.S. Energy Information Administration

NOTE: Stockpile levels shown above reflect a sample of electric power sector plants, which were used to create the days of burn statistics. These levels will not equal total electric power sector stockpile levels.

Source: Energy Information Administration, *Electricity Monthly Update*

EIA Working Natural Gas Underground Storage

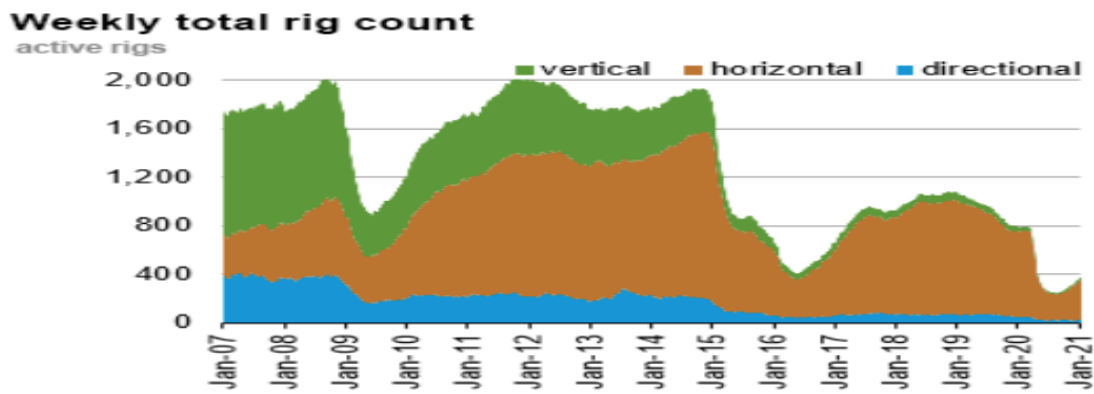
Working gas in underground storage

Region	Stocks billion cubic feet (Bcf)		
	2021-01-15	2021-01-08	change
East	679	726	-47
Midwest	828	879	-51
Mountain	176	188	-12
Pacific	275	278	-3
South Central	1,051	1,126	-75
Total	3,009	3,196	-187

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

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

EIA Natural Gas Rig Count



eia Source: Baker Hughes Co.

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		
	January 2021	February 2021	change	January 2021	February 2021	change
Anadarko	1,015	989	(26)	5,730	5,587	(143)
Appalachia	177	179	2	27,373	27,646	273
Bakken	2,358	2,318	(40)	3,147	3,093	(54)
Eagle Ford	2,227	2,205	(22)	7,493	7,418	(75)
Haynesville	19	19	-	11,406	11,408	2
Niobrara	2,019	1,938	(81)	6,423	6,166	(257)
Permian	1,173	1,138	(35)	2,259	2,191	(68)
Rig-weighted average	1,058	1,041	(17)	7,057	6,906	(151)

Source: Energy Information Administration, *Drilling Productivity Report*