

## STEO Current/Previous Forecast Comparisons: U.S. Energy Production and Consumption Summary

Current Forecast: April 9, 2024; Previous Forecast: March 12, 2024

	2023				2024				2025				Year				Growth Rate			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025	
<strong>U.S. Energy Production</strong>																				
Crude Oil Production (million barrels per day)																				
Current	12.63	12.75	13.07	13.27	12.84	13.13	13.32	13.54	13.56	13.72	13.74	13.86	11.91	12.93	13.21	13.72	8.6%	2.2%	3.9%	
Previous	12.63	12.75	13.07	13.28	12.91	13.13	13.25	13.47	13.49	13.66	13.68	13.78	11.91	12.93	13.19	13.65	8.6%	2.0%	3.5%	
Percent Change	0.0%	0.0%	0.0%	-0.1%	-0.5%	0.0%	0.6%	0.5%	0.5%	0.4%	0.5%	0.6%	0.0%	0.0%	0.1%	0.5%				
Dry Natural Gas Production (billion cubic feet per day)																				
Current	102.3	103.2	104.1	105.6	103.9	103.0	103.4	104.0	103.9	105.0	105.0	105.7	99.6	103.8	103.6	104.9	4.2%	-0.2%	1.3%	
Previous	102.3	103.2	104.1	105.6	103.2	103.8	103.3	103.2	103.5	104.7	104.5	104.9	99.6	103.8	103.4	104.4	4.2%	-0.4%	1.0%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	-0.8%	0.1%	0.8%	0.4%	0.2%	0.4%	0.7%	0.0%	0.0%	0.2%	0.4%				
Coal Production (million short tons)																				
Current	148.7	142.3	145.6	145.0	127.5	111.6	125.0	121.2	117.9	107.6	121.9	116.8	594.2	581.6	485.2	464.2	-2.1%	-16.6%	-4.3%	
Previous	148.7	142.3	145.6	145.0	129.7	116.7	127.6	122.6	118.7	108.4	122.1	116.7	594.2	581.6	496.6	465.8	-2.1%	-14.6%	-6.2%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.7%	-4.4%	-2.1%	-1.2%	-0.6%	-0.7%	-0.2%	0.1%	0.0%	0.0%	-2.3%	-0.3%				
<strong>U.S. Energy Consumption</strong>																				
Petroleum and Other Liquid Fuels Consumption (million barrels per day)																				
Current	19.7	20.4	20.4	20.6	19.8	20.6	20.7	20.6	20.3	20.6	20.7	20.6	20.0	20.2	20.4	20.6	1.2%	1.0%	0.5%	
Previous	19.7	20.4	20.4	20.6	19.9	20.6	20.6	20.5	20.4	20.7	20.7	20.6	20.0	20.2	20.4	20.6	1.2%	0.8%	0.9%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.5%	0.4%	0.4%	-0.3%	-0.2%	-0.2%	-0.1%	0.0%	0.0%	0.2%	-0.2%				
Natural Gas Consumption (billion cubic feet per day)																				
Current	103.0	78.0	83.9	91.7	104.3	78.5	84.4	92.6	104.5	77.2	82.8	92.2	88.5	89.1	89.9	89.1	0.7%	0.9%	-0.9%	
Previous	103.0	78.0	83.9	91.7	103.9	78.2	84.2	92.4	104.4	77.4	82.8	92.5	88.5	89.1	89.7	89.2	0.7%	0.7%	-0.5%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.4%	0.3%	0.2%	0.1%	0.2%	-0.2%	-0.1%	-0.3%	0.0%	0.0%	0.3%	-0.1%				
Electricity Retail Sales (billion kilowatthours)																				
Current	919	906	1,124	912	942	929	1,148	930	950	939	1,156	934	3,927	3,861	3,949	3,980	-1.7%	2.3%	0.8%	
Previous	919	906	1,124	912	946	930	1,148	931	951	940	1,158	937	3,927	3,861	3,956	3,985	-1.7%	2.4%	0.7%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.2%	-0.1%				
Total Energy Consumption (quadrillion Btu)																				
Current	24.14	22.04	23.75	23.76	24.46	22.35	23.98	23.83	24.55	22.20	23.89	23.75	94.79	93.69	94.62	94.39	-1.2%	1.0%	-0.2%	
Previous	24.11	22.01	23.72	23.84	24.74	22.24	23.91	23.77	24.58	22.21	23.91	23.75	94.79	93.69	94.65	94.45	-1.2%	1.0%	-0.2%	
Percent Change	0.1%	0.1%	0.1%	-0.4%	-1.1%	0.5%	0.3%	0.3%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%			
<strong>U.S. Macroeconomic and Weather</strong>																				
Real Gross Domestic Product (billion chained 2012 dollars)																				
Current	22,112	22,225	22,491	22,669	22,780	22,886	22,996	23,089	23,161	23,240	23,329	23,429	21,822	22,374	22,938	23,290	2.5%	2.5%	1.5%	
Previous	22,112	22,225	22,491	22,673	22,788	22,889	22,998	23,109	23,196	23,291	23,386	23,482	21,822	22,375	22,946	23,339	2.5%	2.6%	1.7%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.2%	-0.2%	-0.2%	0.0%	0.0%	0.0%	-0.2%				
Manufacturing Production Index (index 2012 = 100)																				
Current	99.9	100.2	100.0	99.8	99.5	99.9	100.4	100.8	100.9	101.0	101.3	101.7	100.5	100.0	100.2	101.2	-0.5%	0.2%	1.1%	
Previous	99.9	100.2	100.0	99.5	99.5	100.1	100.6	101.1	101.4	101.8	102.1	102.5	100.5	99.9	100.3	101.9	-0.6%	0.4%	1.6%	
Percent Change	0.0%	0.0%	0.0%	0.3%	-0.1%	-0.2%	-0.1%	-0.3%	-0.5%	-0.7%	-0.8%	-0.7%	0.0%	0.1%	-0.2%	-0.7%				
Heating Degree Days																				
Current	1,922	486	61	1,336	1,913	482	75	1,451	1,990	469	74	1,445	4,245	3,805	3,920	3,978	-10.4%	3.0%	1.5%	
Previous	1,921	485	61	1,335	1,959	471	75	1,451	1,989	469	74	1,444	4,245	3,802	3,956	3,977	-10.5%	4.1%	0.5%	
Percent Change	0.1%	0.2%	0.5%	0.1%	-2.3%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.9%	0.0%				
Cooling Degree Days																				
Current	68	363	941	105	42	438	959	105	51	445	966	106	1,556	1,476	1,543	1,568	-5.1%	4.5%	1.6%	
Previous	68	363	941	105	38	442	959	105	51	445	966	106	1,556	1,477	1,543	1,568	-5.0%	4.5%	1.6%	
Percent Change	-0.2%	0.0%	0.0%	-0.3%	9.9%	-0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%				

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.gov/outlooks/steo/>)

## STEO Current/Previous Forecast Comparisons: Energy Prices

Current Forecast: April 9, 2024; Previous Forecast: March 12, 2024

	2023				2024				2025				Year				Growth Rate			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025	
<b>Petroleum</b>																				
WTI spot (\$/barrel)																				
Current	75.96	73.49	82.25	78.63	77.50	85.30	86.84	85.17	83.84	82.50	82.50	81.16	94.91	77.58	83.78	82.48	-18.3%	8.0%	-1.5%	
Previous	75.96	73.49	82.25	78.63	77.08	83.30	84.50	83.50	82.84	81.50	79.50	77.50	94.91	77.58	82.15	80.30	-18.3%	5.9%	-2.3%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.5%	2.4%	2.8%	2.0%	1.2%	1.2%	3.8%	4.7%	0.0%	0.0%	2.0%	2.7%				
U.S. Refiner composite crude oil acquisition cost (\$/barrel)																				
Current	74.44	73.99	82.38	79.34	76.94	84.84	86.34	84.66	83.85	82.50	82.50	81.15	95.33	77.63	83.29	82.49	-18.6%	7.3%	-1.0%	
Previous	74.44	73.99	82.38	79.91	76.61	82.86	84.00	83.00	82.85	81.50	79.50	77.50	95.33	77.77	81.69	80.31	-18.4%	5.0%	-1.7%	
Percent Change	0.0%	0.0%	0.0%	-0.7%	0.4%	2.4%	2.8%	2.0%	1.2%	1.2%	3.8%	4.7%	0.0%	-0.2%	2.0%	2.7%				
Brent spot average (\$/barrel)																				
Current	81.04	78.02	86.64	83.93	82.96	89.97	91.34	89.67	88.34	87.00	87.00	85.66	100.94	82.41	88.55	86.98	-18.4%	7.5%	-1.8%	
Previous	81.04	78.02	86.64	83.93	82.82	87.97	89.00	88.00	87.34	86.00	84.00	82.00	100.94	82.41	87.00	84.80	-18.4%	5.6%	-2.5%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	2.3%	2.6%	1.9%	1.1%	1.2%	3.6%	4.5%	0.0%	0.0%	1.8%	2.6%				
U.S. Gasoline, regular-grade retail including taxes (\$/gallon)																				
Current	3.38	3.58	3.76	3.36	3.24	3.74	3.80	3.54	3.47	3.67	3.72	3.45	3.97	3.52	3.59	3.58	-11.3%	1.8%	-0.2%	
Previous	3.38	3.58	3.76	3.36	3.23	3.60	3.68	3.39	3.34	3.56	3.59	3.28	3.97	3.52	3.48	3.45	-11.3%	-1.3%	-0.8%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.6%	3.9%	3.2%	4.5%	3.9%	3.0%	3.6%	4.9%	0.0%	0.0%	3.1%	3.8%				
U.S. Diesel, retail including taxes (\$/gallon)																				
Current	4.39	3.94	4.28	4.26	3.97	4.01	4.05	4.19	4.24	4.16	4.15	4.20	5.01	4.21	4.06	4.19	-16.0%	-3.7%	3.1%	
Previous	4.39	3.94	4.28	4.26	3.97	3.92	3.99	4.15	4.18	4.08	4.03	4.04	5.01	4.21	4.01	4.08	-16.0%	-4.9%	1.9%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	1.6%	1.1%	1.3%	1.7%	3.0%	4.0%	0.0%	0.0%	1.3%	2.5%				
U.S. Heating Oil, residential retail including taxes (\$/gallon)																				
Current	4.07	3.53	3.87	3.95	3.78	3.66	3.65	4.03	4.02	3.78	3.72	3.94	4.69	3.93	3.82	3.93	-16.1%	-2.7%	2.9%	
Previous	4.07	3.53	3.87	3.95	3.80	3.60	3.59	4.00	3.98	3.72	3.60	3.80	4.69	3.93	3.81	3.85	-16.1%	-3.1%	1.0%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	1.7%	1.6%	0.7%	1.2%	1.6%	3.2%	3.7%	0.0%	0.0%	0.4%	2.2%				
<b>U.S. Natural Gas</b>																				
Henry Hub spot (\$ per million Btu)																				
Current	2.65	2.16	2.59	2.74	2.13	1.63	2.15	2.71	2.82	2.62	2.96	3.17	6.42	2.54	2.15	2.89	-60.5%	-15.1%	34.4%	
Previous	2.65	2.16	2.59	2.74	2.20	1.79	2.28	2.82	2.90	2.67	3.00	3.20	6.42	2.54	2.27	2.94	-60.5%	-10.4%	29.6%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.0%	-8.8%	-5.9%	-4.0%	-2.8%	-1.8%	-1.3%	-0.9%	0.0%	0.0%	-5.2%	-1.7%				
Residential Retail (\$ per thousand cubic feet)																				
Current	14.72	16.19	22.33	13.72	11.88	13.82	18.69	11.77	10.84	13.40	18.97	12.05	14.77	15.19	12.65	12.20	2.8%	-16.7%	-3.5%	
Previous	14.72	16.19	22.33	13.72	12.08	14.03	18.96	11.88	10.94	13.54	19.14	12.10	14.77	15.19	12.83	12.29	2.8%	-15.5%	-4.2%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.6%	-1.5%	-1.4%	-0.9%	-0.9%	-1.0%	-0.9%	-0.4%	0.0%	0.0%	-1.4%	-0.8%				
<b>U.S. Electric Utilities Fuel Costs (\$ per million Btu)</b>																				
Coal																				
Current	2.57	2.49	2.51	2.51	2.48	2.46	2.45	2.41	2.43	2.41	2.41	2.38	2.37	2.52	2.45	2.41	6.5%	-2.6%	-1.8%	
Previous	2.57	2.49	2.51	2.51	2.49	2.47	2.46	2.42	2.43	2.42	2.42	2.38	2.37	2.52	2.46	2.41	6.5%	-2.3%	-1.9%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.2%	-0.2%	-0.2%	-0.1%	-0.2%	-0.2%	-0.2%	0.0%	0.0%	-0.3%	-0.2%				
Natural Gas																				
Current	4.98	2.60	2.92	3.19	3.37	1.94	2.31	3.04	3.32	2.81	3.02	3.45	7.23	3.35	2.63	3.14	-53.7%	-21.4%	19.3%	
Previous	4.98	2.60	2.92	3.19	2.89	2.05	2.44	3.11	3.41	2.82	3.05	3.48	7.23	3.35	2.60	3.17	-53.7%	-22.2%	21.9%	
Percent Change	0.0%	0.0%	0.0%	0.0%	16.5%	-5.4%	-5.4%	-2.2%	-2.6%	-0.2%	-1.1%	-0.7%	0.0%	0.0%	1.0%	-1.1%				
Residual Fuel Oil																				
Current	19.23	17.88	19.17	20.84	17.17	16.91	16.80	16.87	17.03	17.28	16.53	16.35	21.58	19.32	16.95	16.78	-10.5%	-12.3%	-1.0%	
Previous	19.23	17.88	19.17	20.84	16.72	16.68	16.44	16.53	16.77	17.02	16.08	15.64	21.58	19.32	16.59	16.35	-10.5%	-14.1%	-1.5%	
Percent Change	0.0%	0.0%	0.0%	0.0%	2.7%	1.4%	2.2%	2.0%	1.5%	1.5%	2.8%	4.6%	0.0%	0.0%	2.1%	2.6%				
<b>U.S. Residential Retail Electricity (cents per kilowatthour)</b>																				
Current	15.77	16.12	16.02	16.02	15.75	15.95	15.90	15.80	15.77	16.31	16.37	16.31	15.04	15.98	15.86	16.20	6.3%	-0.8%	2.2%	
Previous	15.77	16.12	16.02	16.02	15.64	15.92	15.97	15.94	15.80	16.30	16.41	16.39	15.04	15.98	15.87	16.23	6.3%	-0.7%	2.3%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	0.2%	-0.4%	-0.8%	-0.2%	0.1%	-0.3%	-0.4%	0.0%	0.0%	-0.1%	-0.2%				

Prices are not adjusted for inflation.

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.gov/outlooks/steo/>)

## STEO Current/Previous Forecast Comparisons: International Crude Oil and Liquid Fuels

Current Forecast: April 9, 2024; Previous Forecast: March 12, 2024

	2023				2024				2025				Year				Growth Rate			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025	
<b>World Crude Oil and Liquid Fuels Production (million barrels per day)</b>																				
<b>OECD (Organization for Economic Cooperation and Development) Production</b>																				
Current	33.48	33.80	34.55	35.29	34.34	34.54	34.94	35.44	35.58	35.57	35.71	36.11	32.35	34.28	34.82	35.74	6.0%	1.6%	2.7%	
Previous	33.48	33.80	34.55	35.27	34.55	34.51	34.81	35.33	35.56	35.52	35.62	35.99	32.35	34.28	34.80	35.67	6.0%	1.5%	2.5%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.6%	0.1%	0.4%	0.3%	0.0%	0.1%	0.3%	0.3%	0.0%	0.0%	0.0%	0.2%				
<b>OPEC (Organization of the Petroleum Exporting Countries) Production</b>																				
Current	32.77	32.46	31.63	31.88	32.05	31.77	32.56	32.46	32.48	32.65	32.73	32.45	32.93	32.18	32.21	32.58	-2.3%	0.1%	1.1%	
Previous	32.77	32.46	31.63	31.88	31.65	31.46	32.24	32.13	32.33	32.50	32.58	32.30	32.93	32.18	31.87	32.43	-2.3%	-1.0%	1.8%	
Percent Change	0.0%	0.0%	0.0%	0.0%	1.3%	1.0%	1.0%	1.0%	0.5%	0.5%	0.5%	0.5%	0.0%	0.0%	1.1%	0.5%				
<b>Non-OPEC Production</b>																				
Current	68.33	69.02	70.06	71.02	69.77	70.02	70.82	71.12	71.17	71.79	72.39	72.76	67.06	69.62	70.44	72.03	3.8%	1.2%	2.3%	
Previous	68.33	69.02	70.06	70.98	69.87	69.89	70.58	70.83	70.94	71.52	72.07	72.42	67.06	69.61	70.30	71.74	3.8%	1.0%	2.1%	
Percent Change	0.0%	0.0%	0.0%	0.1%	-0.2%	0.2%	0.3%	0.4%	0.3%	0.4%	0.4%	0.5%	0.0%	0.0%	0.2%	0.4%				
<b>Total World Production</b>																				
Current	101.11	101.48	101.69	102.90	101.82	101.79	103.38	103.59	103.65	104.45	105.12	105.21	99.99	101.80	102.65	104.61	1.8%	0.8%	1.9%	
Previous	101.11	101.48	101.69	102.86	101.52	101.35	102.82	102.96	103.27	104.02	104.65	104.72	99.99	101.79	102.17	104.17	1.8%	0.4%	2.0%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.3%	0.4%	0.5%	0.6%	0.4%	0.4%	0.4%	0.5%	0.0%	0.0%	0.5%	0.4%				
<b>World Crude Oil and Liquid Fuels Consumption (million barrels per day)</b>																				
<b>OECD (Organization for Economic Cooperation and Development) Consumption</b>																				
Current	45.22	45.68	46.04	46.08	45.43	45.60	46.30	46.39	45.88	45.56	46.26	46.37	45.65	45.76	45.93	46.02	0.2%	0.4%	0.2%	
Previous	45.22	45.67	46.02	46.56	45.65	45.66	46.38	46.46	46.02	45.69	46.38	46.48	45.66	45.87	46.04	46.15	0.5%	0.4%	0.2%	
Percent Change	0.0%	0.0%	0.0%	-1.0%	-0.5%	-0.1%	-0.2%	-0.2%	-0.3%	-0.3%	-0.3%	-0.2%	0.0%	-0.3%	-0.2%	-0.3%				
<b>Non-OECD Consumption</b>																				
Current	55.75	56.27	56.37	56.42	56.63	57.13	57.09	57.06	57.87	58.41	58.36	58.32	54.29	56.21	56.98	58.24	3.5%	1.4%	2.2%	
Previous	54.70	55.21	55.29	55.32	56.05	56.55	56.50	56.47	57.31	57.84	57.78	57.74	53.49	55.13	56.40	57.67	3.1%	2.3%	2.3%	
Percent Change	1.9%	1.9%	2.0%	2.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.5%	1.9%	1.0%	1.0%				
<b>China Consumption</b>																				
Current	16.02	16.21	15.90	16.11	16.29	16.48	16.16	16.37	16.56	16.76	16.43	16.65	15.15	16.06	16.32	16.60	6.0%	1.6%	1.7%	
Previous	15.91	16.10	15.78	15.99	16.24	16.43	16.11	16.32	16.49	16.68	16.36	16.57	15.15	15.94	16.27	16.52	5.3%	2.1%	1.5%	
Percent Change	0.7%	0.7%	0.7%	0.7%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.0%	0.7%	0.3%	0.4%				
<b>Total World Consumption</b>																				
Current	100.97	101.95	102.42	102.50	102.06	102.73	103.39	103.45	103.74	103.97	104.62	104.70	99.94	101.96	102.91	104.26	2.0%	0.9%	1.3%	
Previous	99.92	100.88	101.31	101.88	101.70	102.21	102.88	102.93	103.33	103.54	104.16	104.22	99.15	101.00	102.43	103.81	1.9%	1.4%	1.3%	
Percent Change	1.1%	1.1%	1.1%	0.6%	0.3%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.5%	0.8%	1.0%	0.5%	0.4%				
<b>Closing Stocks (million barrels)</b>																				
<b>OECD Commercial Inventory</b>																				
Current	2,746	2,782	2,815	2,771	2,735	2,725	2,729	2,712	2,709	2,747	2,770	2,766	2,767	2,771	2,712	2,766	0.2%	-2.1%	2.0%	
Previous	2,746	2,782	2,815	2,777	2,750	2,742	2,745	2,722	2,716	2,753	2,773	2,769	2,767	2,777	2,722	2,769	0.4%	-2.0%	1.7%	
Percent Change	0.0%	0.0%	0.0%	-0.2%	-0.5%	-0.6%	-0.6%	-0.4%	-0.3%	-0.2%	-0.1%	-0.1%	0.0%	-0.2%	-0.4%	-0.1%				
<b>OPEC Surplus Production Capacity and World Macroeconomic</b>																				
<b>OPEC Surplus Crude Oil Production Capacity (million barrels per day)</b>																				
Current	3.13	3.07	4.19	4.31	4.33	4.45	3.74	4.19	4.33	4.15	4.07	4.34	2.41	3.68	4.18	4.22	52.8%	13.5%	1.1%	
Previous	3.13	3.07	4.19	4.31	4.60	4.55	3.89	4.38	4.33	4.15	4.07	4.34	2.41	3.68	4.35	4.22	52.8%	18.3%	-3.0%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-5.9%	-2.2%	-3.9%	-4.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.0%	0.0%				
<b>World GDP Growth (annualized percent change)</b>																				
Current	2.8	3.6	3.1	3.2	2.9	2.7	2.9	3.0	3.2	3.3	3.3	3.3	3.3	3.2	2.9	3.3				
Previous	2.7	3.6	3.1	3.0	2.8	2.7	2.7	2.9	3.0	3.1	3.1	3.2	3.3	3.1	2.8	3.1				

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.gov/outlooks/steo/>)

## STEO Current/Previous Forecast Comparisons: U.S. Petroleum and Other Liquid Fuels

Current Forecast: April 9, 2024; Previous Forecast: March 12, 2024

	2023				2024				2025				Year				Growth Rate			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025	
<b>U.S. Supply (million barrels per day)</b>																				
Crude Oil Production																				
Current	12.63	12.75	13.07	13.27	12.84	13.13	13.32	13.54	13.56	13.72	13.74	13.86	11.91	12.93	13.21	13.72	8.6%	2.2%	3.9%	
Previous	12.63	12.75	13.07	13.28	12.91	13.13	13.25	13.47	13.49	13.66	13.68	13.78	11.91	12.93	13.19	13.65	8.6%	2.0%	3.5%	
Percent Change	0.0%	0.0%	0.0%	-0.1%	-0.5%	0.0%	0.6%	0.5%	0.5%	0.4%	0.5%	0.6%	0.0%	0.0%	0.1%	0.5%				
Natural Gas Plant Liquids Production																				
Current	6.01	6.42	6.58	6.70	6.30	6.54	6.66	6.66	6.63	6.76	6.76	6.82	5.93	6.43	6.54	6.74	8.4%	1.7%	3.1%	
Previous	6.01	6.42	6.58	6.70	6.42	6.56	6.62	6.63	6.68	6.78	6.76	6.79	5.93	6.43	6.56	6.75	8.4%	2.0%	2.9%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.8%	-0.2%	0.5%	0.4%	-0.8%	-0.3%	0.1%	0.5%	0.0%	0.0%	-0.3%	-0.1%				
Ethanol Production																				
Current	1.00	1.00	1.02	1.05	1.04	1.02	1.02	1.03	1.03	1.02	1.02	1.04	1.00	1.02	1.03	1.03	1.7%	0.8%	0.4%	
Previous	1.00	1.00	1.02	1.05	1.02	1.02	1.02	1.03	1.03	1.02	1.02	1.04	1.00	1.02	1.02	1.03	1.7%	0.4%	0.9%	
Percent Change	0.0%	0.0%	0.0%	0.0%	1.7%	-0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.5%	0.0%				
Total Petroleum and Other Liquid Fuel Net Imports																				
Current	-1.64	-1.20	-1.42	-2.28	-2.24	-1.44	-1.81	-2.77	-2.71	-2.33	-2.55	-3.28	-1.19	-1.64	-2.06	-2.72	37.4%	26.2%	31.7%	
Previous	-1.64	-1.20	-1.42	-2.28	-2.25	-1.46	-1.77	-2.74	-2.62	-2.24	-2.42	-3.10	-1.19	-1.64	-2.05	-2.60	37.4%	25.6%	26.4%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-1.3%	2.2%	0.9%	3.3%	4.1%	5.3%	5.7%	0.0%	0.0%	0.5%	4.7%				
<b>U.S. Consumption (million barrels per day)</b>																				
Gasoline																				
Current	8.67	9.13	9.05	8.93	8.62	9.17	9.14	8.80	8.65	9.12	9.07	8.72	8.81	8.94	8.94	8.89	1.5%	-0.1%	-0.5%	
Previous	8.67	9.13	9.05	8.93	8.68	9.19	9.14	8.80	8.65	9.14	9.09	8.75	8.81	8.94	8.95	8.91	1.5%	0.1%	-0.5%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.6%	-0.1%	0.0%	0.0%	-0.1%	-0.2%	-0.2%	-0.3%	0.0%	0.0%	-0.2%	-0.2%				
Distillate Fuel Oil																				
Current	4.01	3.93	3.90	3.90	3.84	4.00	3.91	4.00	4.08	3.94	3.89	3.98	4.03	3.93	3.94	3.97	-2.3%	0.1%	0.9%	
Previous	4.01	3.93	3.90	3.90	3.83	4.01	3.93	4.02	4.11	3.98	3.92	4.02	4.03	3.93	3.95	4.01	-2.3%	0.4%	1.5%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	-0.3%	-0.4%	-0.5%	-0.7%	-0.8%	-0.9%	-0.8%	0.0%	0.0%	-0.2%	-0.8%				
Jet Fuel																				
Current	1.55	1.67	1.72	1.66	1.57	1.72	1.73	1.68	1.63	1.75	1.77	1.73	1.56	1.65	1.67	1.72	5.9%	1.4%	2.7%	
Previous	1.55	1.67	1.72	1.66	1.55	1.71	1.72	1.67	1.62	1.75	1.77	1.73	1.56	1.65	1.66	1.72	5.9%	0.7%	3.4%	
Percent Change	0.0%	0.0%	0.0%	0.0%	1.1%	0.5%	0.4%	0.8%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.7%	0.0%				
Hydrocarbon Gas Liquids																				
Current	3.40	3.36	3.25	3.81	3.75	3.39	3.46	3.83	3.83	3.44	3.48	3.87	3.36	3.46	3.61	3.65	2.9%	4.3%	1.4%	
Previous	3.40	3.36	3.25	3.81	3.79	3.38	3.43	3.81	3.90	3.47	3.50	3.88	3.36	3.46	3.60	3.69	2.9%	4.2%	2.3%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.1%	0.3%	0.7%	0.6%	-1.8%	-1.0%	-0.4%	-0.3%	0.0%	0.0%	0.1%	-0.9%				
Total Petroleum and Other Liquid Fuels																				
Current	19.66	20.38	20.37	20.56	19.82	20.65	20.72	20.60	20.30	20.63	20.69	20.61	20.01	20.25	20.45	20.56	1.2%	1.0%	0.5%	
Previous	19.66	20.38	20.37	20.56	19.89	20.55	20.64	20.52	20.36	20.67	20.72	20.62	20.01	20.25	20.40	20.59	1.2%	0.8%	0.9%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.5%	0.4%	0.4%	-0.3%	-0.2%	-0.2%	-0.1%	0.0%	0.0%	0.2%	-0.2%				
<b>U.S. Closing Stocks (million barrels)</b>																				
Crude Oil																				
Current	465.4	454.7	417.5	426.4	452.4	437.9	421.6	427.9	456.9	448.7	434.3	441.6	430.1	426.4	427.9	441.6	-0.9%	0.4%	3.2%	
Previous	465.4	454.7	417.5	426.4	458.7	442.2	424.9	431.1	460.2	451.6	437.1	444.4	430.1	426.4	431.1	444.4	-0.9%	1.1%	3.1%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.4%	-1.0%	-0.8%	-0.7%	-0.7%	-0.6%	-0.6%	-0.6%	0.0%	0.0%	-0.7%	-0.6%				
Total Gasoline																				
Current	225.3	223.2	227.6	241.3	226.9	220.0	215.9	230.5	229.1	225.0	216.9	229.1	224.4	241.3	230.5	229.1	7.5%	-4.5%	-0.6%	
Previous	225.3	223.2	227.6	241.3	229.9	226.6	221.8	233.1	229.7	227.1	218.9	231.1	224.4	241.3	233.1	231.1	7.5%	-3.4%	-0.9%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.3%	-2.9%	-2.7%	-1.1%	-0.3%	-0.9%	-0.9%	-0.9%	0.0%	0.0%	-1.1%	-0.9%				
Distillate Fuel Oil																				
Current	112.3	112.6	119.2	130.7	115.6	117.5	119.6	121.3	109.8	110.4	114.7	118.1	118.9	130.7	121.3	118.1	9.9%	-7.2%	-2.6%	
Previous	112.3	112.6	119.2	130.7	111.8	116.6	118.6	119.7	108.2	113.2	116.5	118.9	118.9	130.7	119.7	116.5	9.9%	-8.4%	-2.7%	
Percent Change	0.0%	0.0%	0.0%	0.0%	3.3%	0.8%	0.9%	1.3%	1.5%	1.4%	1.4%	1.4%	0.0%	0.0%	1.3%	1.4%				

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.gov/outlooks/steo/>)

## STEO Current/Previous Forecast Comparisons: U.S. Natural Gas

Current Forecast: April 9, 2024; Previous Forecast: March 12, 2024

	2023				2024				2025				Year				Growth Rate			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025	
<strong>U.S. Supply (billion cubic feet per day)</strong>																				
<strong>Total Marketed Production</strong>																				
Current	111.2	112.5	113.6	115.2	112.9	111.9	112.4	113.1	112.9	114.1	114.1	114.8	108.0	113.2	112.6	114.0	4.7%	-0.5%	1.3%	
Previous	111.2	112.5	113.6	115.2	112.5	113.1	112.6	112.5	112.9	114.2	114.0	114.4	108.0	113.1	112.7	113.9	4.7%	-0.4%	1.0%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.3%	-1.1%	-0.2%	0.5%	0.0%	-0.1%	0.1%	0.4%	0.0%	0.0%	-0.1%	0.1%				
<strong>Federal GOM Marketed Production</strong>																				
Current	2.1	1.9	2.0	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.0	1.9	2.1	-5.5%	-2.2%	7.6%	
Previous	2.1	1.9	2.0	2.0	1.9	2.0	2.0	2.1	2.1	2.1	2.0	2.1	2.1	2.0	2.0	2.1	-5.3%	0.9%	3.5%	
Percent Change	0.0%	0.0%	0.0%	-1.2%	-3.9%	-4.7%	-2.6%	-2.3%	-1.0%	-0.6%	1.1%	2.6%	0.0%	-0.3%	-3.4%	0.5%				
<strong>Lower 48 ex GOM Marketed Production</strong>																				
Current	108.0	109.6	110.7	112.3	109.9	109.0	109.5	110.0	109.8	111.0	111.2	111.7	104.9	110.1	109.6	110.9	5.0%	-0.5%	1.2%	
Previous	108.0	109.6	110.7	112.2	109.5	110.1	109.7	109.4	109.7	111.1	111.1	111.4	104.9	110.1	109.7	110.8	5.0%	-0.4%	1.0%	
Percent Change	0.0%	0.0%	0.0%	0.1%	0.4%	-1.1%	-0.2%	0.5%	0.1%	-0.1%	0.1%	0.3%	0.0%	0.0%	-0.1%	0.1%				
<strong>Pipeline Gross Imports</strong>																				
Current	8.4	7.3	7.9	8.2	9.1	7.1	7.3	7.5	8.3	7.0	7.2	7.5	8.2	8.0	7.7	7.5	-2.8%	-3.3%	-3.0%	
Previous	8.4	7.3	7.9	8.2	8.4	6.9	7.2	7.5	8.3	7.0	7.2	7.5	8.2	8.0	7.5	7.5	-2.8%	-6.2%	0.0%	
Percent Change	0.0%	0.0%	0.0%	0.0%	8.2%	2.5%	0.8%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	3.1%	0.0%				
<strong>LNG Gross Imports</strong>																				
Current	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	-39.7%	40.3%	1.0%	
Previous	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	-39.7%	41.9%	-0.1%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.2%	0.0%				
<strong>Gross Exports</strong>																				
Current	20.4	20.5	20.6	21.9	21.7	20.1	21.1	22.7	23.2	23.3	24.3	24.9	18.9	20.9	21.4	23.9	10.2%	2.6%	11.9%	
Previous	20.4	20.5	20.6	21.9	22.0	21.1	21.2	22.4	22.6	23.1	24.7	25.8	18.9	20.9	21.7	24.1	10.2%	3.9%	11.1%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.4%	-4.8%	-0.5%	1.5%	2.8%	0.9%	-1.8%	-3.7%	0.0%	0.0%	-1.3%	-0.6%				
<strong>U.S. Consumption (billion cubic feet per day)</strong>																				
<strong>Residential</strong>																				
Current	23.5	7.3	3.6	15.0	23.1	7.3	3.8	16.1	24.2	7.3	3.8	16.1	13.6	12.3	12.6	12.8	-9.7%	2.4%	1.7%	
Previous	23.5	7.3	3.6	15.0	22.6	7.2	3.8	16.1	24.2	7.3	3.8	16.1	13.6	12.3	12.4	12.8	-9.7%	1.1%	3.0%	
Percent Change	0.0%	0.0%	0.0%	0.0%	2.3%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%				
<strong>Commercial</strong>																				
Current	14.5	6.4	4.7	10.7	14.4	6.8	5.2	11.0	14.5	6.8	5.1	10.9	9.6	9.1	9.3	9.3	-5.7%	3.0%	-0.3%	
Previous	14.5	6.4	4.7	10.7	14.0	6.7	5.1	11.0	14.8	6.7	5.1	10.9	9.6	9.1	9.2	9.4	-5.7%	1.1%	2.0%	
Percent Change	0.0%	0.0%	0.0%	0.0%	2.6%	2.6%	2.1%	0.3%	-2.1%	1.0%	1.4%	-0.2%	0.0%	0.0%	1.9%	-0.5%				
<strong>Industrial</strong>																				
Current	24.8	22.4	22.0	24.3	25.0	22.3	21.8	23.9	24.8	21.8	21.6	23.9	23.4	23.4	23.2	23.0	0.0%	-0.7%	-0.9%	
Previous	24.8	22.4	22.0	24.3	25.4	21.9	21.6	23.9	24.8	21.8	21.6	23.9	23.4	23.4	23.2	23.0	0.0%	-0.8%	-0.7%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.5%	1.5%	0.6%	0.2%	0.0%	-0.2%	-0.2%	-0.2%	0.0%	0.0%	0.1%	-0.1%				
<strong>Electric Power Sector</strong>																				
Current	30.8	33.4	44.8	32.6	32.4	33.7	44.9	32.5	31.6	32.9	43.5	32.2	33.1	35.4	35.9	35.1	6.9%	1.3%	-2.3%	
Previous	30.8	33.4	44.8	32.6	32.5	34.0	45.0	32.5	31.1	33.0	43.6	32.4	33.1	35.4	36.0	35.0	6.9%	1.6%	-2.6%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	-1.0%	-0.1%	0.1%	1.5%	-0.5%	-0.1%	-0.7%	0.0%	0.0%	-0.3%	0.0%				
<strong>Total Consumption</strong>																				
Current	103.0	78.0	83.9	91.7	104.3	78.5	84.4	92.6	104.5	77.2	82.8	92.2	88.5	89.1	89.9	89.1	0.7%	0.9%	-0.9%	
Previous	103.0	78.0	83.9	91.7	103.9	78.2	84.2	92.4	104.4	77.4	82.8	92.5	88.5	89.1	89.7	89.2	0.7%	0.7%	-0.5%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.4%	0.3%	0.2%	0.1%	0.2%	-0.2%	-0.1%	-0.3%	0.0%	0.0%	0.3%	-0.1%				
<strong>U.S. Working Gas in Storage (billion cubic feet)</strong>																				
Current	1,850	2,902	3,490	3,457	2,290	3,288	3,834	3,512	2,178	3,265	3,817	3,432	2,925	3,457	3,512	3,432	18.2%	1.6%	-2.3%	
Previous	1,850	2,902	3,490	3,457	2,269	3,278	3,832	3,509	2,175	3,261	3,814	3,430	2,925	3,457	3,509	3,430	18.2%	1.5%	-2.3%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.9%	0.3%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%				
<strong>U.S. Balancing Item (billion cubic feet per day) (Consumption - Supply)</strong>																				
Current	0.4	-0.4	-1.4	-0.7	-0.1	-0.7	0.5	0.0	0.5	0.3	0.6	-0.5	-1.5	-0.6	-0.1	0.2				
Previous	0.4	-0.4	-1.4	-0.7	1.0	-0.4	0.7	0.4	0.1	0.5	1.5	1.5	-1.5	-0.5	0.4	0.9				

## STEO Current/Previous Forecast Comparisons: U.S. Electricity

Current Forecast: April 9, 2024; Previous Forecast: March 12, 2024

	2023				2024				2025				Year				Growth Rate			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025	
<strong>U.S. Electricity Generation, Electric Power Sector (billion kilowatthours)</strong>																				
Total Generation																				
Current	949	947	1168	958	984	986	1187	963	979	992	1193	967	4,074	4,022	4,119	4,131	-1.3%	2.4%	0.3%	
Previous	949	947	1168	958	987	986	1187	965	979	993	1195	970	4,074	4,022	4,124	4,136	-1.3%	2.5%	0.3%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	-0.1%				
Coal																				
Current	157	141	216	157	153	127	198	139	141	119	199	128	826	671	617	587	-18.8%	-7.9%	-5.0%	
Previous	157	141	216	157	151	128	199	142	141	119	202	128	826	671	619	589	-18.8%	-7.7%	-4.8%	
Percent Change	0.0%	0.0%	0.0%	0.0%	1.1%	-0.2%	-0.2%	-1.9%	0.3%	0.0%	-1.2%	-0.4%	0.0%	0.0%	-0.3%	-0.4%				
Natural gas																				
Current	368	395	538	395	391	399	540	395	378	391	523	392	1,583	1,695	1,725	1,684	7.1%	1.8%	-2.4%	
Previous	368	395	538	395	392	402	540	394	372	392	523	394	1,583	1,695	1,728	1,682	7.1%	1.9%	-2.6%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.8%	-0.1%	0.2%	1.4%	-0.5%	0.0%	-0.6%	0.0%	0.0%	-0.2%	0.1%				
Petroleum																				
Current	4	3	5	4	5	4	4	5	5	3	4	5	22	16	17	17	-28.5%	11.1%	-2.7%	
Previous	4	3	5	4	5	4	4	5	5	3	4	5	22	16	18	17	-28.5%	13.7%	-2.7%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-6.3%	-0.3%	-0.7%	-0.9%	-4.1%	-1.5%	-1.7%	-1.6%	0.0%	0.0%	-2.3%	-2.3%				
Nuclear																				
Current	194	183	205	193	197	193	208	193	198	193	209	197	772	775	791	797	0.5%	2.0%	0.7%	
Previous	194	183	205	193	197	192	208	193	198	193	209	196	772	775	789	796	0.5%	1.8%	0.9%	
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	0.7%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.2%	0.1%				
Conventional Hydroelectric																				
Current	61	64	59	55	64	72	61	57	67	77	64	59	254	239	254	266	-5.9%	6.3%	4.8%	
Previous	61	64	59	55	62	73	61	57	67	77	64	59	254	239	253	267	-5.9%	6.2%	5.2%	
Percent Change	0.0%	0.0%	0.0%	0.0%	2.6%	-1.6%	-0.4%	0.2%	-0.3%	-0.2%	-0.2%	-0.2%	0.0%	0.0%	0.1%	-0.2%				
Other Renewables																				
Current	165	161	146	154	174	191	175	175	190	209	195	188	617	626	715	783	1.5%	14.2%	9.6%	
Previous	165	161	146	154	180	187	175	175	196	208	194	188	617	626	717	787	1.5%	14.6%	9.7%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.7%	1.9%	0.3%	0.2%	-3.0%	0.4%	0.5%	0.0%	0.0%	0.0%	-0.3%	-0.5%				
<strong>U.S. Electricity Sales (billion kilowatthours)</strong>																				
Residential																				
Current	355	319	455	325	367	333	470	336	374	337	474	337	1,509	1,455	1,506	1,523	-3.6%	3.6%	1.1%	
Previous	355	319	455	325	372	333	470	336	375	337	474	337	1,509	1,455	1,511	1,522	-3.6%	3.9%	0.8%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.1%	-0.2%	0.0%	0.2%	-0.1%	0.0%	0.1%	0.2%	0.0%	0.0%	-0.3%	0.0%				
Commercial																				
Current	322	330	392	331	326	336	395	333	323	335	393	331	1,391	1,375	1,389	1,382	-1.1%	1.1%	-0.5%	
Previous	322	330	392	331	330	337	396	334	327	336	395	333	1,391	1,375	1,396	1,391	-1.1%	1.6%	-0.4%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.3%	-0.3%	-0.2%	-0.3%	-1.2%	-0.4%	-0.4%	-0.5%	0.0%	0.0%	-0.5%	-0.6%				
Industrial																				
Current	239	256	275	254	248	259	281	259	251	266	287	264	1,020	1,025	1,047	1,069	0.4%	2.1%	2.1%	
Previous	239	256	275	254	243	259	280	260	247	266	287	265	1,020	1,025	1,042	1,066	0.4%	1.7%	2.2%	
Percent Change	0.0%	0.0%	0.0%	0.0%	1.8%	0.3%	0.1%	-0.4%	1.6%	0.1%	-0.1%	-0.4%	0.0%	0.0%	0.4%	0.3%				
Total																				
Current	919	906	1124	912	942	929	1148	930	950	939	1156	934	3,927	3,861	3,949	3,980	-1.7%	2.3%	0.8%	
Previous	919	906	1124	912	946	930	1148	931	951	940	1158	937	3,927	3,861	3,956	3,985	-1.7%	2.4%	0.7%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.2%	-0.1%				

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.gov/outlooks/steo/>)

## STEO Current/Previous Forecast Comparisons: U.S. Coal and Carbon Dioxide Emissions

Current Forecast: April 9, 2024; Previous Forecast: March 12, 2024

	2023				2024				2025				Year				Growth Rate			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025	
<strong>U.S. Coal (million short tons)</strong>																				
Production																				
Current	149	142	146	145	128	112	125	121	118	108	122	117	594	582	485	464	-2.1%	-16.6%	-4.3%	
Previous	149	142	146	145	130	117	128	123	119	108	122	117	594	582	497	466	-2.1%	-14.6%	-6.2%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.7%	-4.4%	-2.1%	-1.2%	-0.6%	-0.7%	-0.2%	0.1%	0.0%	0.0%	-2.3%	-0.3%				
Exports																				
Current	25	24	25	26	24	20	24	26	25	25	26	29	86	100	94	105	16.1%	-5.3%	11.0%	
Previous	25	24	25	26	25	25	24	26	25	26	26	28	86	100	101	106	16.1%	1.0%	5.0%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.7%	-19.3%	-2.9%	-0.4%	-1.6%	-2.8%	-0.8%	1.3%	0.0%	0.0%	-6.3%	-0.9%				
Imports																				
Current	1.0	1.0	1.0	1.0	0.5	0.7	1.1	0.8	0.5	0.7	1.1	0.8	6.3	4.0	3.1	3.0	-36.5%	-22.0%	-2.6%	
Previous	1.0	1.0	1.0	1.0	0.5	0.8	1.2	0.9	0.5	0.7	1.1	0.8	6.3	4.0	3.4	3.1	-36.5%	-16.1%	-8.2%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-13.6%	-8.7%	-5.1%	-4.3%	-3.6%	-2.2%	-0.6%	-0.2%	0.0%	0.0%	-7.1%	-1.4%				
Electric Power Demand																				
Current	91	82	123	91	88	75	114	82	82	70	114	75	473	387	358	341	-18.1%	-7.5%	-4.9%	
Previous	91	82	123	91	89	75	114	83	84	70	115	76	473	387	360	345	-18.1%	-7.0%	-4.3%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.4%	0.0%	0.0%	-1.3%	-2.4%	-0.2%	-1.3%	-0.7%	0.0%	0.0%	-0.6%	-1.2%				
Secondary Stocks																				
Current	113	132	121	136	139	149	133	138	140	145	123	128	93	136	138	128	46.3%	1.6%	-7.8%	
Previous	113	132	121	136	143	153	140	145	145	151	128	132	93	136	145	132	46.3%	6.7%	-9.3%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.6%	-2.8%	-4.6%	-4.7%	-3.7%	-3.6%	-3.3%	-3.1%	0.0%	0.0%	-4.7%	-3.1%				
<strong>U.S. Carbon Dioxide Emissions</strong>																				
Petroleum																				
Current	549.8	564.5	571.6	573.2	560.0	571.8	574.1	570.8	555.7	567.6	571.0	568.9	2,249	2,259	2,277	2,263	0.4%	0.8%	-0.6%	
Previous	547.8	562.9	570.0	578.3	565.6	566.4	570.0	568.1	553.9	566.0	569.7	568.6	2,249	2,259	2,270	2,258	0.4%	0.5%	-0.5%	
Percent Change	0.4%	0.3%	0.3%	-0.9%	-1.0%	1.0%	0.7%	0.5%	0.3%	0.3%	0.2%	0.0%	0.0%	0.0%	0.3%	0.2%				
Coal																				
Current	186.6	168.0	240.7	185.8	165.1	156.1	225.3	171.5	171.4	148.9	226.3	160.6	939	781	718	707	-16.8%	-8.1%	-1.5%	
Previous	186.6	168.0	240.6	185.2	183.6	155.4	224.3	172.4	174.4	148.4	228.1	160.8	939	780	736	712	-16.9%	-5.7%	-3.3%	
Percent Change	0.0%	0.0%	0.1%	0.3%	-10.1%	0.4%	0.4%	-0.5%	-1.7%	0.3%	-0.8%	-0.1%	0.0%	0.1%	-2.4%	-0.7%				
Natural Gas																				
Current	501.1	382.7	416.4	455.6	510.7	385.2	419.1	459.9	508.9	378.9	411.2	457.9	1,742	1,756	1,775	1,757	0.8%	1.1%	-1.0%	
Previous	500.8	382.6	416.2	459.8	510.8	383.9	418.1	459.9	507.8	379.6	411.1	460.0	1,742	1,759	1,773	1,759	1.0%	0.8%	-0.8%	
Percent Change	0.1%	0.0%	0.1%	-0.9%	0.0%	0.3%	0.3%	0.0%	0.2%	-0.2%	0.0%	-0.5%	0.0%	-0.2%	0.1%	-0.1%				
Total Fossil Fuel																				
Current	1,237	1,115	1,229	1,215	1,236	1,113	1,219	1,202	1,236	1,095	1,208	1,187	4,930	4,796	4,770	4,727	-2.7%	-0.5%	-0.9%	
Previous	1,235	1,113	1,227	1,223	1,260	1,106	1,212	1,201	1,236	1,094	1,209	1,189	4,930	4,799	4,778	4,728	-2.7%	-0.4%	-1.0%	
Percent Change	0.2%	0.2%	0.2%	-0.7%	-1.9%	0.7%	0.5%	0.1%	0.0%	0.1%	0.0%	-0.2%	0.0%	-0.1%	-0.2%	0.0%				

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.gov/outlooks/steo/>)

## STEO Current/Previous Forecast Comparisons: U.S. Renewable Energy Consumption and Capacity

Current Forecast: April 9, 2024; Previous Forecast: March 12, 2024

	2023				2024				2025				Year				Growth Rate			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2022-2023	2023-2024	2024-2025	
<b>U.S. Renewable Energy Consumption, All Sectors (quadrillion btu)</b>																				
Wind Power																				
Current	0.430	0.350	0.289	0.382	0.427	0.379	0.310	0.408	0.440	0.390	0.318	0.421	1.481	1.450	1.524	1.569	-2.1%	5.1%	2.9%	
Previous	0.430	0.350	0.289	0.382	0.440	0.374	0.306	0.405	0.455	0.388	0.317	0.421	1.481	1.450	1.525	1.581	-2.1%	5.2%	3.7%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.0%	1.5%	1.4%	0.7%	-3.5%	0.6%	0.4%	0.1%	0.0%	0.0%	0.0%	-0.7%				
Wood Biomass																				
Current	0.493	0.472	0.478	0.475	0.491	0.500	0.528	0.521	0.513	0.507	0.530	0.521	2.012	1.918	2.040	2.071	-4.7%	6.3%	1.5%	
Previous	0.493	0.472	0.478	0.480	0.498	0.504	0.531	0.521	0.515	0.510	0.533	0.521	2.012	1.923	2.054	2.079	-4.4%	6.8%	1.2%	
Percent Change	0.0%	0.1%	0.0%	-1.1%	-1.5%	-0.8%	-0.5%	0.0%	-0.6%	-0.5%	-0.4%	0.0%	0.0%	-0.3%	-0.7%	-0.4%				
Solar Power																				
Current	0.162	0.262	0.272	0.181	0.205	0.349	0.360	0.231	0.259	0.415	0.432	0.272	0.765	0.878	1.146	1.378	14.8%	30.5%	20.3%	
Previous	0.162	0.262	0.272	0.181	0.213	0.343	0.363	0.233	0.263	0.415	0.431	0.272	0.765	0.877	1.152	1.381	14.8%	31.3%	19.8%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.8%	1.6%	-0.7%	-0.7%	-1.5%	0.1%	0.3%	-0.2%	0.0%	0.0%	-0.6%	-0.2%				
Ethanol																				
Current	0.281	0.298	0.299	0.300	0.283	0.299	0.303	0.298	0.280	0.300	0.301	0.299	1.163	1.177	1.183	1.180	1.2%	0.5%	-0.2%	
Previous	0.281	0.298	0.299	0.300	0.284	0.300	0.304	0.299	0.281	0.301	0.302	0.300	1.163	1.177	1.186	1.185	1.2%	0.7%	-0.1%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.3%	-0.1%	-0.1%	-0.4%	-0.3%	-0.4%	-0.4%	0.0%	0.0%	-0.2%	-0.4%				
Biodiesel, Renewable Diesel, and Other																				
Current	0.140	0.173	0.175	0.172	0.169	0.185	0.188	0.202	0.201	0.219	0.225	0.235	0.462	0.660	0.744	0.880	42.9%	12.7%	18.2%	
Previous	0.140	0.173	0.175	0.172	0.175	0.183	0.187	0.202	0.199	0.219	0.225	0.236	0.462	0.660	0.746	0.880	42.9%	13.1%	17.8%	
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.4%	1.5%	0.4%	0.1%	0.6%	0.2%	-0.2%	-0.5%	0.0%	0.0%	-0.3%	0.0%				
<b>U.S. Renewable Electric Power Sector Generation Capacity (MW)</b>																				
Wind Power																				
Current	143,004	144,442	144,617	147,645	150,458	151,887	152,039	154,502	155,233	155,829	156,292	160,094	141,275	147,645	154,502	160,094	4.5%	4.6%	3.6%	
Previous	142,962	144,400	144,487	147,517	150,331	151,729	151,881	154,221	155,083	155,547	156,013	159,857	141,275	147,517	154,221	159,857	4.4%	4.5%	3.7%	
Percent Change	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.2%	0.2%	0.1%	0.0%	0.1%	0.2%	0.1%				
Wood Biomass																				
Current	2,414	2,414	2,329	2,329	2,329	2,329	2,329	2,329	2,329	2,329	2,329	2,329	2,414	2,329	2,329	2,329	-3.5%	0.0%	0.0%	
Previous	2,414	2,414	2,414	2,414	2,414	2,414	2,414	2,414	2,414	2,414	2,414	2,414	2,414	2,414	2,414	2,414	0.0%	0.0%	0.0%	
Percent Change	0.0%	0.0%	-3.5%	-3.5%	-3.5%	-3.5%	-3.5%	-3.5%	-3.5%	-3.5%	-3.5%	-3.5%	0.0%	-3.5%	-3.5%	-3.5%				
Solar Power																				
Current	74,663	78,223	81,918	91,439	101,750	112,906	117,733	127,941	134,208	141,376	145,515	159,556	72,248	91,439	127,941	159,556	26.6%	39.9%	24.7%	
Previous	74,643	78,192	81,873	91,275	101,824	112,779	117,463	127,145	133,721	141,789	145,913	162,006	72,248	91,275	127,145	162,006	26.3%	39.3%	27.4%	
Percent Change	0.0%	0.0%	0.1%	0.2%	-0.1%	0.1%	0.2%	0.6%	0.4%	-0.3%	-0.3%	-1.5%	0.0%	0.2%	0.6%	-1.5%				

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.gov/outlooks/steo/>)