

STEO Current/Previous Forecast Comparisons: U.S. Energy Supply and Demand Summary

Current Forecast: March 11, 2020; Previous Forecast: February 11, 2020

	2019				2020				2021				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2018	2019	2020	2021	2018-2019	2019-2020	2020-2021
U.S. Energy Supply																			
U.S. Crude Oil Production (million barrels per day)																			
Current	11.81	12.10	12.23	12.77	13.04	13.16	12.96	12.81	12.67	12.61	12.58	12.76	10.99	12.23	12.99	12.66	11.3%	6.2%	-2.6%
Previous	11.81	12.10	12.23	12.82	13.16	13.25	13.17	13.22	13.32	13.46	13.57	13.86	10.99	12.24	13.20	13.56	11.4%	7.8%	2.7%
Percent Change	0.0%	0.0%	0.0%	-0.4%	-0.9%	-0.7%	-1.6%	-3.1%	-4.8%	-6.3%	-7.3%	-8.0%	0.0%	-0.1%	-1.6%	-6.6%			
U.S. Dry Natural Gas Production (billion cubic feet per day)																			
Current	89.32	90.50	92.98	96.08	96.41	96.07	95.29	93.36	91.42	91.74	93.11	94.15	83.80	92.24	95.28	92.61	10.1%	3.3%	-2.8%
Previous	89.32	90.50	92.98	95.70	95.15	94.34	93.98	93.17	91.85	92.16	92.99	93.27	83.80	92.15	94.16	92.57	10.0%	2.2%	-1.7%
Percent Change	0.0%	0.0%	0.0%	0.4%	1.3%	1.8%	1.4%	0.2%	-0.5%	-0.5%	0.1%	0.9%	0.0%	0.1%	1.2%	0.0%			
U.S. Coal Production (million short tons)																			
Current	170.3	174.9	179.7	165.2	156.0	117.3	156.2	143.9	161.7	119.7	153.2	146.6	755.5	690.1	573.5	581.1	-8.7%	-16.9%	1.3%
Previous	170.3	174.9	179.7	165.2	162.7	117.1	161.3	154.4	160.4	114.9	153.7	158.4	755.5	690.1	595.5	587.4	-8.7%	-13.7%	-1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-4.1%	0.2%	-3.1%	-6.8%	0.8%	4.2%	-0.4%	-7.5%	0.0%	0.0%	-3.7%	-1.1%			
U.S. Energy Consumption																			
U.S. Petroleum and Other Liquid Fuels Consumption (million barrels per day)																			
Current	20.29	20.32	20.68	20.55	19.94	20.36	20.99	20.80	20.52	20.55	21.01	20.80	20.50	20.46	20.52	20.72	-0.2%	0.3%	1.0%
Previous	20.29	20.32	20.68	20.47	20.03	20.39	20.92	20.79	20.50	20.49	20.98	20.86	20.50	20.44	20.53	20.71	-0.3%	0.5%	0.9%
Percent Change	0.0%	0.0%	0.0%	0.4%	-0.4%	-0.2%	0.3%	0.0%	0.1%	0.3%	0.1%	-0.3%	0.0%	0.1%	0.0%	0.0%			
U.S. Natural Gas Consumption (billion cubic feet per day)																			
Current	103.32	70.74	76.74	89.34	105.09	77.47	77.78	88.82	103.15	74.32	76.69	88.54	82.40	84.97	87.27	85.61	3.1%	2.7%	-1.9%
Previous	103.32	70.74	76.75	89.09	103.11	76.52	76.47	88.95	102.88	74.45	76.35	88.98	82.40	84.91	86.24	85.60	3.1%	1.6%	-0.7%
Percent Change	0.0%	0.0%	0.0%	0.3%	1.9%	1.2%	1.7%	-0.1%	0.3%	-0.2%	0.5%	-0.5%	0.0%	0.1%	1.2%	0.0%			
U.S. Electricity Retail Sales (billion kilowatthours)																			
Current	911	877	1,072	889	905	877	1,052	878	914	878	1,054	879	322	313	310	311	-2.9%	-1.0%	0.4%
Previous	911	876	1,072	891	905	879	1,054	880	922	881	1,056	882	322	313	310	312	-2.8%	-0.9%	0.6%
Percent Change	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.3%	-0.1%	-0.3%	-0.9%	-0.3%	-0.2%	-0.3%	0.0%	0.0%	-0.1%	-0.4%			
U.S. Total Energy Consumption (quadrillion Btu)																			
Current	26.53	23.44	24.97	25.08	25.88	23.38	24.56	24.76	24.12	21.39	22.44	22.89	101.19	100.02	98.59	90.84	-1.2%	-1.4%	-7.9%
Previous	26.53	23.44	24.97	25.36	25.97	23.27	24.50	25.07	26.13	23.24	24.48	25.11	101.19	100.30	98.81	98.96	-0.9%	-1.5%	0.2%
Percent Change	0.0%	0.0%	0.0%	-1.1%	-0.3%	0.5%	0.3%	-1.2%	-7.7%	-7.9%	-8.3%	-8.9%	0.0%	-0.3%	-0.2%	-8.2%			
U.S. Macroeconomic and Weather																			
U.S. Real Gross Domestic Product (billion chained 2012 dollars)																			
Current	18,927	19,022	19,121	19,220	19,316	19,422	19,528	19,626	19,711	19,775	19,850	19,934	18,638	19,073	19,473	19,817	2.3%	2.1%	1.8%
Previous	18,927	19,022	19,121	19,207	19,288	19,399	19,513	19,604	19,699	19,778	19,865	19,967	18,638	19,069	19,451	19,827	2.3%	2.0%	1.9%
Percent Change	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.1%	0.0%			
U.S. Manufacturing Production Index (index 2012 = 100)																			
Current	106.5	105.7	105.9	105.8	105.8	105.7	106.3	106.4	106.6	106.5	106.8	107.3	106.0	106.0	106.1	106.8	0.0%	0.1%	0.7%
Previous	106.5	105.7	105.9	105.6	105.4	105.8	106.5	106.7	106.8	107.1	107.4	108.0	106.0	105.9	106.1	107.3	0.0%	0.2%	1.2%
Percent Change	0.0%	0.0%	0.0%	0.2%	0.4%	-0.1%	-0.2%	-0.2%	-0.3%	-0.5%	-0.6%	-0.7%	0.0%	0.1%	0.0%	-0.5%			
U.S. Heating Degree Days																			
Current	2,210	481	57	1,559	1,962	475	72	1,516	2,112	491	72	1,514	4,279	4,307	4,025	4,189	0.7%	-6.5%	4.1%
Previous	2,210	481	57	1,556	1,973	480	72	1,520	2,105	483	72	1,518	4,278	4,303	4,046	4,179	0.6%	-6.0%	3.3%
Percent Change	0.0%	0.1%	-0.1%	0.2%	-0.6%	-1.1%	-0.1%	-0.3%	0.3%	1.6%	-0.1%	-0.3%	0.0%	0.1%	-0.5%	0.2%			
U.S. Cooling Degree Days																			
Current	46	399	953	105	52	408	858	94	43	401	859	95	1,585	1,502	1,411	1,398	-5.2%	-6.1%	-1.0%
Previous	46	398	951	105	47	407	859	93	43	405	860	93	1,585	1,499	1,406	1,401	-5.4%	-6.2%	-0.3%
Percent Change	0.0%	0.2%	0.1%	0.8%	9.1%	0.1%	-0.1%	1.5%	0.2%	-1.0%	-0.1%	1.5%	0.0%	0.2%	0.4%	-0.2%			

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

STEO Current/Previous Forecast Comparisons: Energy Prices

Current Forecast: March 11, 2020; Previous Forecast: February 11, 2020

	2019				2020				2021				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2018	2019	2020	2021	2018-2019	2019-2020	2020-2021
U.S. Petroleum																			
WTI spot (\$/barrel)																			
Current	54.82	59.94	56.35	56.86	46.35	31.72	35.00	40.00	45.13	49.00	51.98	55.00	65.06	57.02	38.19	50.36	-12.4%	-33.0%	31.9%
Previous	54.82	59.94	56.35	56.86	52.89	52.19	58.12	59.50	60.50	61.50	62.50	63.50	65.06	57.02	55.71	62.03	-12.4%	-2.3%	11.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	-12.4%	-39.2%	-39.8%	-32.8%	-25.4%	-20.3%	-16.8%	-13.4%	0.0%	0.0%	-31.4%	-18.8%			
Refiner composite crude oil acquisition cost (\$/barrel)																			
Current	56.93	63.55	58.67	57.66	45.47	30.53	34.43	39.43	44.01	48.02	50.99	54.01	64.48	59.23	37.35	49.33	-8.1%	-36.9%	32.1%
Previous	56.93	63.55	58.67	56.84	51.77	51.02	57.57	58.93	59.51	60.51	61.51	62.51	64.48	59.03	54.87	61.03	-8.4%	-7.0%	11.2%
Percent Change	0.0%	0.0%	0.0%	1.4%	-12.2%	-40.2%	-40.2%	-33.1%	-26.0%	-20.6%	-17.1%	-13.6%	0.0%	0.3%	-31.9%	-19.2%			
Brent spot average (\$/barrel)																			
Current	63.14	69.07	61.90	63.30	51.80	36.72	40.00	45.00	50.13	54.00	56.98	60.00	71.19	64.37	43.30	55.36	-9.6%	-32.7%	27.9%
Previous	63.14	69.07	61.90	63.30	58.59	57.69	63.62	65.00	66.00	67.00	68.00	69.00	71.19	64.37	61.25	67.53	-9.6%	-4.8%	10.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	-11.6%	-36.3%	-37.1%	-30.8%	-24.0%	-19.4%	-16.2%	-13.0%	0.0%	0.0%	-29.3%	-18.0%			
Gasoline, regular-grade retail including taxes (\$/gallon)																			
Current	2.36	2.79	2.65	2.59	2.37	2.03	2.10	2.06	2.08	2.40	2.45	2.36	2.73	2.60	2.14	2.33	-4.5%	-17.9%	8.8%
Previous	2.36	2.79	2.65	2.59	2.41	2.49	2.66	2.57	2.49	2.72	2.72	2.59	2.73	2.60	2.53	2.63	-4.5%	-2.7%	4.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.8%	-18.4%	-21.0%	-19.7%	-16.5%	-11.9%	-10.2%	-8.7%	0.0%	0.0%	-15.6%	-11.7%			
Diesel, retail including taxes (\$/gallon)																			
Current	3.02	3.12	3.02	3.06	2.83	2.37	2.43	2.55	2.55	2.71	2.79	2.88	3.18	3.06	2.54	2.73	-4.0%	-16.9%	7.7%
Previous	3.02	3.12	3.02	3.06	2.92	2.85	2.97	3.04	2.94	3.02	3.05	3.10	3.18	3.06	2.94	3.03	-4.0%	-3.7%	2.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.2%	-16.8%	-17.9%	-16.0%	-13.3%	-10.3%	-8.7%	-7.0%	0.0%	0.0%	-13.8%	-9.7%			
Heating Oil, residential retail including taxes (\$/gallon)																			
Current	3.00	3.05	2.90	3.01	2.87	2.40	2.29	2.49	2.57	2.64	2.73	2.93	3.01	3.00	2.63	2.71	-0.4%	-12.4%	3.1%
Previous	3.00	3.05	2.90	3.07	2.96	2.80	2.80	2.97	2.98	2.97	3.01	3.15	3.01	3.02	2.93	3.04	0.2%	-2.9%	3.6%
Percent Change	0.0%	0.0%	0.0%	-1.8%	-3.1%	-14.5%	-18.1%	-16.1%	-13.7%	-11.2%	-9.2%	-7.3%	0.0%	-0.7%	-10.4%	-10.8%			
U.S. Natural Gas																			
Henry Hub spot (\$ per million Btu)																			
Current	2.92	2.56	2.38	2.40	1.89	1.91	2.22	2.41	2.64	2.42	2.43	2.54	3.15	2.57	2.11	2.51	-18.6%	-17.8%	18.8%
Previous	2.92	2.56	2.38	2.40	1.98	2.09	2.36	2.42	2.65	2.43	2.46	2.57	3.15	2.57	2.21	2.53	-18.6%	-13.8%	14.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-4.2%	-8.6%	-5.6%	-0.4%	-0.3%	-0.7%	-1.3%	-1.2%	0.0%	0.0%	-4.6%	-0.9%			
Residential Retail (\$ per thousand cubic feet)																			
Current	9.47	12.48	18.10	9.88	9.15	11.58	16.30	9.93	9.08	11.96	16.76	10.19	10.46	10.56	10.24	10.33	0.9%	-3.1%	1.0%
Previous	9.47	12.48	18.10	9.81	9.11	11.60	16.45	10.00	9.14	12.01	16.80	10.21	10.46	10.54	10.25	10.39	0.8%	-2.7%	1.3%
Percent Change	0.0%	0.0%	0.0%	0.6%	0.4%	-0.2%	-0.9%	-0.7%	-0.7%	-0.4%	-0.2%	-0.2%	0.0%	0.1%	-0.2%	-0.5%			
U.S. Electric Utilities Fuel Costs (\$ per million Btu)																			
Coal																			
Current	2.08	2.05	2.00	1.95	2.08	2.04	2.03	2.03	2.06	2.08	2.06	2.07	2.06	2.02	2.05	2.06	-1.8%	1.2%	0.9%
Previous	2.08	2.05	1.99	2.06	2.09	2.09	2.08	2.08	2.09	2.10	2.09	2.09	2.06	2.05	2.09	2.09	-0.5%	1.9%	0.4%
Percent Change	0.0%	0.0%	0.0%	-5.4%	-0.5%	-2.2%	-2.5%	-2.4%	-1.8%	-1.3%	-1.2%	-1.2%	0.0%	-1.2%	-1.9%	-1.4%			
Natural Gas																			
Current	3.71	2.73	2.51	2.79	2.29	1.88	2.17	2.63	3.08	2.53	2.46	2.80	3.55	2.88	2.23	2.69	-18.7%	-22.6%	20.5%
Previous	3.71	2.73	2.51	2.92	2.47	2.12	2.39	2.67	3.10	2.55	2.51	2.85	3.55	2.91	2.40	2.73	-17.9%	-17.5%	13.4%
Percent Change	0.0%	0.0%	0.0%	-4.3%	-7.5%	-11.0%	-9.0%	-1.5%	-0.9%	-0.6%	-2.2%	-1.7%	0.0%	-1.0%	-7.2%	-1.4%			
Residual Fuel Oil																			
Current	12.21	13.39	12.79	12.35	11.99	9.03	8.17	8.42	9.26	10.89	10.70	10.99	12.92	12.68	9.38	10.45	-1.8%	-26.0%	11.3%
Previous	12.21	13.39	12.79	12.29	11.98	11.74	11.59	11.95	12.28	13.19	12.64	12.61	12.92	12.67	11.81	12.64	-1.9%	-6.8%	7.1%
Percent Change	0.0%	0.0%	0.0%	0.5%	0.1%	-23.0%	-29.5%	-29.5%	-24.6%	-17.5%	-15.4%	-12.9%	0.0%	0.1%	-20.5%	-17.4%			
U.S. Residential Retail Electricity (cents per kilowatthour)																			
Current	12.67	13.32	13.25	12.85	12.78	13.27	13.23	12.90	12.83	13.59	13.59	13.25	12.87	13.02	13.05	13.32	1.2%	0.2%	2.0%
Previous	12.67	13.32	13.25	12.78	12.77	13.31	13.31	12.91	12.84	13.60	13.61	13.22	12.87	13.01	13.08	13.32	1.1%	0.6%	1.8%
Percent Change	0.0%	0.0%	0.0%	0.5%	0.1%	-0.3%	-0.6%	-0.1%	-0.1%	-0.1%	-0.1%	0.3%	0.0%	0.1%	-0.3%	0.0%			

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: March 11, 2020; Previous Forecast: February 11, 2020

	2019				2020				2021				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2018	2019	2020	2021	2018-2019	2019-2020	2020-2021
World Crude Oil and Liquid Fuels Supply (million barrels per day)																			
OECD (Organization for Economic Cooperation and Development) Supply																			
Current	31.08	31.32	31.46	32.69	33.30	33.71	33.56	33.62	33.27	33.29	33.42	33.91	30.18	31.64	33.55	33.48	4.8%	6.0%	-0.2%
Previous	31.08	31.32	31.44	32.80	33.42	33.78	33.67	33.96	33.90	34.16	34.44	35.05	30.18	31.66	33.71	34.39	4.9%	6.5%	2.0%
Percent Change	0.0%	0.0%	0.1%	-0.3%	-0.4%	-0.2%	-0.3%	-1.0%	-1.9%	-2.5%	-3.0%	-3.2%	0.0%	-0.1%	-0.5%	-2.7%			
OPEC (Organization of the Petroleum Exporting Countries) Supply																			
Current	35.98	35.43	34.45	34.81	33.77	33.89	34.46	34.45	34.36	34.34	34.53	34.62	37.29	35.16	34.15	34.46	-5.7%	-2.9%	0.9%
Previous	36.05	35.50	34.56	34.76	33.62	33.82	34.26	34.25	34.26	34.24	34.23	34.32	37.32	35.21	33.99	34.26	-5.6%	-3.5%	0.8%
Percent Change	-0.2%	-0.2%	-0.3%	0.1%	0.4%	0.2%	0.6%	0.6%	0.3%	0.3%	0.9%	0.9%	-0.1%	-0.1%	0.5%	0.6%			
Non-OPEC Supply																			
Current	64.39	64.93	65.65	66.75	66.78	68.29	68.48	68.22	67.01	67.89	68.39	68.60	63.51	65.44	67.95	67.98	3.0%	3.8%	0.0%
Previous	64.38	64.93	65.63	66.81	66.93	68.19	68.42	68.38	67.52	68.64	69.29	69.62	63.51	65.45	67.98	68.78	3.0%	3.9%	1.2%
Percent Change	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.1%	-0.2%	-0.8%	-1.1%	-1.3%	-1.5%		0.0%	0.0%	-0.1%	-1.2%			
Total World Supply																			
Current	100.36	100.36	100.10	101.57	100.55	102.19	102.94	102.67	101.37	102.23	102.92	103.21	100.81	100.60	102.09	102.44	-0.2%	1.5%	0.3%
Previous	100.43	100.43	100.19	101.58	100.55	102.01	102.68	102.63	101.78	102.88	103.52	103.94	100.83	100.66	101.97	103.04	-0.2%	1.3%	1.0%
Percent Change	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.2%	0.3%	0.0%	-0.4%	-0.6%	-0.6%	-0.7%	0.0%	-0.1%	0.1%	-0.6%			
World Crude Oil and Liquid Fuels Consumption (million barrels per day)																			
OECD (Organization for Economic Cooperation and Development) Consumption																			
Current	47.39	46.71	47.87	47.53	46.60	46.17	47.77	47.83	47.24	46.58	47.75	47.70	47.63	47.38	47.10	47.32	-0.5%	-0.6%	0.5%
Previous	47.42	46.72	47.85	47.58	46.96	46.64	47.91	47.96	47.47	46.74	47.95	48.01	47.63	47.40	47.37	47.54	-0.5%	-0.1%	0.4%
Percent Change	-0.1%	0.0%	0.0%	-0.1%	-0.8%	-1.0%	-0.3%	-0.3%	-0.5%	-0.3%	-0.4%	-0.6%	0.0%	0.0%	-0.6%	-0.5%			
Non-OECD Consumption																			
Current	52.58	53.53	53.55	53.83	52.46	54.16	54.57	54.87	54.62	55.76	55.83	55.88	52.33	53.37	54.02	55.53	2.0%	1.2%	2.8%
Previous	52.52	53.47	53.49	53.77	53.30	54.49	54.70	54.97	54.81	55.95	56.02	56.08	52.33	53.31	54.36	55.72	1.9%	2.0%	2.5%
Percent Change	0.1%	0.1%	0.1%	0.1%	-1.6%	-0.6%	-0.2%	-0.2%	-0.3%	-0.3%	-0.3%	-0.3%	0.0%	0.1%	-0.6%	-0.3%			
China Consumption																			
Current	14.38	14.67	14.39	14.61	13.90	14.79	14.76	15.05	15.32	15.53	15.23	15.47	14.02	14.51	14.62	15.39	3.5%	0.8%	5.2%
Previous	14.38	14.67	14.39	14.61	14.66	14.97	14.83	15.09	15.50	15.71	15.41	15.65	14.02	14.51	14.89	15.57	3.5%	2.6%	4.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-5.2%	-1.2%	-0.5%	-0.3%	-1.2%	-1.2%	-1.2%	-1.2%	0.0%	0.0%	-1.8%	-1.2%			
Total World Consumption																			
Current	99.97	100.24	101.41	101.36	99.06	100.33	102.34	102.70	101.87	102.34	103.59	103.59	99.97	100.75	101.12	102.85	0.8%	0.4%	1.7%
Previous	99.94	100.19	101.34	101.36	100.26	101.13	102.60	102.93	102.28	102.69	103.97	104.08	99.97	100.71	101.74	103.26	0.7%	1.0%	1.5%
Percent Change	0.0%	0.1%	0.1%	0.0%	-1.2%	-0.8%	-0.3%	-0.2%	-0.4%	-0.3%	-0.4%	-0.5%	0.0%	0.0%	-0.6%	-0.4%			
Closing Stocks (million barrels)																			
OECD Commercial Inventory																			
Current	2,867	2,925	2,934	2,894	2,934	3,035	3,060	3,031	3,013	3,034	3,020	2,983	2,863	2,894	3,031	2,983	1.1%	4.7%	-1.6%
Previous	2,867	2,928	2,934	2,894	2,899	2,948	2,960	2,933	2,924	2,954	2,948	2,918	2,863	2,894	2,933	2,918	1.1%	1.3%	-0.5%
Percent Change	0.0%	-0.1%	0.0%	0.0%	1.2%	3.0%	3.4%	3.4%	3.1%	2.7%	2.5%	2.2%	0.0%	0.0%	3.4%	2.2%			
OPEC Surplus Production Capacity and World Macroeconomic																			
OPEC Surplus Crude Oil Production Capacity (million barrels per day)																			
Current	2.08	2.18	1.95	1.73	2.32	2.19	2.31	2.39	2.42	2.50	2.32	2.32	1.49	1.99	2.30	2.39	33.2%	16.0%	3.7%
Previous	2.08	2.18	1.95	1.71	2.57	2.75	2.47	2.55	2.48	2.56	2.58	2.58	1.49	1.98	2.58	2.55	32.9%	30.5%	-1.4%
Percent Change	0.0%	0.0%	0.0%	1.2%	-9.6%	-20.3%	-6.5%	-6.3%	-2.4%	-2.3%	-10.1%	-10.1%	0.0%	0.3%	-10.9%	-6.3%			
World Oil-Consumption-Weighted GDP Growth (annualized percent change)																			
Current	2.13	1.96	1.93	1.86	1.60	1.92	2.26	2.49	3.00	2.91	2.77	2.80	2.93	1.97	2.07	2.87			
Previous	2.10	1.93	1.94	1.93	1.93	2.23	2.51	2.70	3.19	3.03	2.78	2.75	2.93	1.97	2.34	2.94			

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: March 11, 2020; Previous Forecast: February 11, 2020

	2019				2020				2021				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2018	2019	2020	2021	2018-2019	2019-2020	2020-2021
U.S. Supply (million barrels per day)																			
U.S. Crude Oil Production																			
Current	11.81	12.10	12.23	12.77	13.04	13.16	12.96	12.81	12.67	12.61	12.58	12.76	10.99	12.23	12.99	12.66	11.3%	6.2%	-2.6%
Previous	11.81	12.10	12.23	12.82	13.16	13.25	13.17	13.22	13.32	13.46	13.57	13.86	10.99	12.24	13.20	13.56	11.4%	7.8%	2.7%
Percent Change	0.0%	0.0%	0.0%	-0.4%	-0.9%	-0.7%	-1.6%	-3.1%	-4.8%	-6.3%	-7.3%	-8.0%	0.0%	-0.1%	-1.6%	-6.6%			
U.S. Natural Gas Plant Liquids Production																			
Current	4.66	4.81	4.80	4.99	5.12	5.32	5.46	5.47	5.30	5.41	5.59	5.66	4.37	4.81	5.34	5.49	10.2%	11.0%	2.7%
Previous	4.66	4.81	4.80	5.04	5.13	5.31	5.42	5.42	5.27	5.39	5.57	5.63	4.37	4.83	5.32	5.47	10.5%	10.2%	2.8%
Percent Change	0.0%	0.0%	0.0%	-1.1%	-0.1%	0.1%	0.8%	1.0%	0.6%	0.2%	0.3%	0.5%	0.0%	-0.3%	0.5%	0.4%			
U.S. Ethanol Production																			
Current	1.01	1.05	1.02	1.04	1.05	1.04	1.02	1.03	1.02	1.03	1.03	1.03	1.05	1.03	1.04	1.03	-2.0%	0.8%	-0.8%
Previous	1.01	1.05	1.02	1.04	1.03	1.04	1.02	1.03	1.02	1.03	1.03	1.04	1.05	1.03	1.03	1.03	-2.0%	0.3%	-0.2%
Percent Change	0.0%	0.0%	0.0%	0.1%	1.3%	0.2%	0.3%	0.2%	0.1%	-0.1%	-0.1%	-0.2%	0.0%	0.0%	0.5%	-0.1%			
U.S. Total Petroleum and Other Liquid Fuel Net Imports																			
Current	0.89	1.04	0.75	-0.55	-1.21	-0.25	-0.17	-0.77	-0.33	0.00	0.03	-0.94	2.34	0.53	-0.60	-0.31	-77.3%	-213.4%	-48.5%
Previous	0.89	1.04	0.75	-0.89	-1.15	-0.65	-0.38	-1.01	-0.83	-0.90	-0.96	-1.95	2.34	0.44	-0.79	-1.16	-81.0%	-279.1%	46.2%
Percent Change	0.0%	0.0%	0.0%	-38.7%	5.6%	-60.8%	-54.4%	-23.3%	-60.1%	-99.6%	-103.4%	-51.9%	0.0%	19.6%	-24.3%	-73.3%			
U.S. Consumption (million barrels per day)																			
U.S. Gasoline																			
Current	8.96	9.48	9.49	9.16	8.91	9.44	9.52	9.24	8.89	9.38	9.42	9.10	9.33	9.27	9.28	9.20	-0.6%	0.0%	-0.8%
Previous	8.96	9.48	9.49	9.19	8.91	9.43	9.49	9.22	8.88	9.39	9.44	9.12	9.33	9.28	9.26	9.21	-0.5%	-0.2%	-0.6%
Percent Change	0.0%	0.0%	0.0%	-0.3%	0.1%	0.1%	0.3%	0.2%	0.1%	-0.1%	-0.2%	-0.2%	0.0%	-0.1%	0.2%	-0.1%			
U.S. Distillate																			
Current	4.28	4.01	3.94	4.10	3.92	3.97	4.05	4.13	4.22	4.06	4.04	4.14	4.15	4.08	4.02	4.11	-1.5%	-1.6%	2.4%
Previous	4.28	4.01	3.94	4.03	4.08	4.01	4.06	4.11	4.26	4.03	4.05	4.14	4.15	4.06	4.07	4.12	-2.0%	0.0%	1.3%
Percent Change	0.0%	0.0%	0.0%	1.8%	-4.0%	-0.9%	-0.3%	0.4%	-0.8%	0.6%	-0.1%	0.1%	0.0%	0.4%	-1.2%	-0.1%			
U.S. Jet Fuel																			
Current	1.65	1.78	1.79	1.74	1.65	1.76	1.85	1.80	1.74	1.81	1.85	1.80	1.71	1.74	1.77	1.80	1.9%	1.6%	1.9%
Previous	1.65	1.78	1.79	1.74	1.70	1.79	1.83	1.78	1.73	1.80	1.84	1.79	1.71	1.74	1.78	1.79	1.9%	2.1%	0.8%
Percent Change	0.0%	0.0%	0.0%	0.2%	-2.6%	-1.5%	1.1%	1.0%	0.9%	0.7%	0.6%	0.5%	0.0%	0.1%	-0.5%	0.7%			
U.S. Hydrocarbon Gas Liquids																			
Current	3.48	2.79	2.95	3.30	3.46	2.99	3.16	3.49	3.66	3.14	3.30	3.63	3.01	3.13	3.27	3.43	4.0%	4.7%	4.7%
Previous	3.48	2.79	2.95	3.30	3.41	3.02	3.16	3.56	3.70	3.15	3.30	3.70	3.01	3.13	3.29	3.46	4.1%	5.0%	5.2%
Percent Change	0.0%	0.0%	0.0%	-0.2%	1.4%	-1.0%	0.0%	-1.9%	-1.0%	-0.2%	-0.1%	-1.9%	0.0%	-0.1%	-0.4%	-0.8%			
U.S. Total Petroleum and Other Liquid Fuels																			
Current	20.29	20.32	20.68	20.55	19.94	20.36	20.99	20.80	20.52	20.55	21.01	20.80	20.50	20.46	20.52	20.72	-0.2%	0.3%	1.0%
Previous	20.29	20.32	20.68	20.47	20.03	20.39	20.92	20.79	20.50	20.49	20.98	20.86	20.50	20.44	20.53	20.71	-0.3%	0.5%	0.9%
Percent Change	0.0%	0.0%	0.0%	0.4%	-0.4%	-0.2%	0.3%	0.0%	0.1%	0.3%	0.1%	-0.3%	0.0%	0.1%	0.0%	0.0%			
U.S. Closing Stocks (million barrels)																			
U.S. Crude Oil																			
Current	459.3	464.0	426.5	432.9	470.2	500.7	483.8	476.1	496.5	481.8	460.1	459.7	442.5	432.9	476.1	459.7	-2.2%	10.0%	-3.4%
Previous	459.3	464.0	426.5	431.1	464.9	465.1	453.0	460.2	489.2	477.4	457.2	455.3	442.5	431.1	460.2	455.3	-2.6%	6.8%	-1.1%
Percent Change	0.0%	0.0%	0.0%	0.4%	1.2%	7.6%	6.8%	3.5%	1.5%	0.9%	0.6%	1.0%	0.0%	0.4%	3.5%	1.0%			
U.S. Total Gasoline																			
Current	236.1	229.7	231.9	253.8	239.4	231.6	227.0	240.3	246.5	243.4	238.5	245.2	246.5	253.8	240.3	245.2	3.0%	-5.3%	2.0%
Previous	236.1	229.7	231.9	251.6	239.6	229.7	224.3	237.8	246.6	241.9	237.0	247.2	246.5	251.6	237.8	247.2	2.1%	-5.5%	4.0%
Percent Change	0.0%	0.0%	0.0%	0.9%	-0.1%	0.8%	1.2%	1.1%	-0.1%	0.6%	0.6%	-0.8%	0.0%	0.9%	1.1%	-0.8%			
U.S. Distillate Fuel Oil																			
Current	132.4	130.8	131.7	140.0	129.9	132.6	137.8	142.3	131.1	135.5	141.6	143.3	140.2	140.0	142.3	143.3	-0.1%	1.7%	0.7%
Previous	132.4	130.8	131.7	139.1	135.6	137.5	142.0	146.0	134.3	138.5	144.4	146.0	140.2	139.1	146.0	146.0	-0.8%	5.0%	0.0%
Percent Change	0.0%	0.0%	0.0%	0.7%	-4.2%	-3.5%	-2.9%	-2.5%	-2.4%	-2.2%	-2.0%	-1.8%	0.0%	0.7%	-2.5%	-1.8%			

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: March 11, 2020; Previous Forecast: February 11, 2020

	2019				2020				2021				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2018	2019	2020	2021	2018-2019	2019-2020	2020-2021
U.S. Supply (billion cubic feet per day)																			
U.S. Total Marketed Production																			
Current	96.08	97.44	99.91	103.25	103.65	103.33	102.54	100.53	98.49	98.88	100.41	101.59	89.93	99.19	102.51	99.85	10.3%	3.3%	-2.6%
Previous	96.08	97.44	99.91	102.90	102.34	101.53	101.19	100.38	99.01	99.39	100.34	100.70	89.93	99.10	101.36	99.87	10.2%	2.3%	-1.5%
Percent Change	0.0%	0.0%	0.0%	0.3%	1.3%	1.8%	1.3%	0.1%	-0.5%	-0.5%	0.1%	0.9%	0.0%	0.1%	1.1%	0.0%			
U.S. Federal GOM Marketed Production																			
Current	2.80	2.75	2.51	2.72	2.72	2.69	2.52	2.46	2.49	2.41	2.27	2.24	2.67	2.69	2.60	2.35	0.8%	-3.6%	-9.5%
Previous	2.80	2.75	2.51	2.75	2.82	2.77	2.60	2.55	2.58	2.52	2.38	2.35	2.67	2.70	2.68	2.45	1.0%	-0.6%	-8.5%
Percent Change	0.0%	0.0%	0.0%	-0.9%	-3.5%	-2.8%	-3.2%	-3.5%	-3.8%	-4.1%	-4.5%	-4.7%	0.0%	-0.2%	-3.3%	-4.3%			
U.S. Lower 48 ex GOM Marketed Production																			
Current	92.32	93.76	96.61	99.60	99.93	99.78	99.25	97.13	95.00	95.60	97.34	98.41	86.32	95.60	99.02	96.60	10.7%	3.6%	-2.4%
Previous	92.32	93.76	96.61	99.22	98.52	97.91	97.81	96.89	95.42	96.01	97.17	97.40	86.32	95.50	97.78	96.51	10.6%	2.4%	-1.3%
Percent Change	0.0%	0.0%	0.0%	0.4%	1.4%	1.9%	1.5%	0.2%	-0.4%	-0.4%	0.2%	1.0%	0.0%	0.1%	1.3%	0.1%			
U.S. Pipeline Gross Imports																			
Current	8.4	6.7	7.1	7.3	7.7	6.5	6.5	7.3	7.8	6.5	6.7	7.5	7.7	7.4	7.0	7.1	-4.4%	-5.0%	1.7%
Previous	8.4	6.7	7.1	7.3	7.7	6.5	6.5	7.3	7.8	6.5	6.7	7.5	7.7	7.4	7.0	7.1	-4.3%	-5.0%	1.6%
Percent Change	0.0%	0.0%	0.0%	-0.4%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%			
U.S. LNG Gross Imports																			
Current	0.28	0.03	0.06	0.20	0.32	0.10	0.18	0.20	0.32	0.18	0.18	0.20	0.21	0.14	0.20	0.22	-30.9%	37.2%	9.7%
Previous	0.28	0.03	0.06	0.21	0.32	0.10	0.18	0.20	0.32	0.18	0.18	0.20	0.21	0.15	0.20	0.22	-30.4%	36.3%	9.7%
Percent Change	0.0%	0.0%	0.0%	-1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	0.0%	0.0%			
U.S. Gross Exports																			
Current	11.87	11.73	12.75	14.64	14.94	13.00	14.36	15.14	16.61	14.58	16.17	17.44	9.88	12.75	14.36	16.20	29.0%	12.6%	12.8%
Previous	11.87	11.73	12.76	14.83	15.44	13.71	14.71	15.20	16.64	14.60	16.17	17.44	9.88	12.80	14.77	16.22	29.5%	15.3%	9.8%
Percent Change	0.0%	0.0%	-0.1%	-1.3%	-3.2%	-5.2%	-2.4%	-0.4%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	-0.4%	-2.7%	-0.1%			
U.S. Consumption (billion cubic feet per day)																			
U.S. Residential																			
Current	27.15	7.34	3.53	17.00	25.53	7.94	3.60	15.93	26.94	7.90	3.54	15.83	13.69	13.70	13.23	13.49	0.1%	-3.4%	2.0%
Previous	27.15	7.34	3.53	16.68	25.27	7.74	3.64	16.87	26.52	7.62	3.62	16.92	13.69	13.62	13.36	13.62	-0.5%	-1.9%	1.9%
Percent Change	0.0%	0.0%	0.0%	1.9%	1.0%	2.6%	-1.2%	-5.6%	1.6%	3.6%	-2.3%	-6.4%	0.0%	0.6%	-1.0%	-0.9%			
U.S. Commercial																			
Current	16.19	6.36	4.68	11.45	14.70	6.58	4.90	10.77	15.38	6.67	4.91	10.78	9.63	9.65	9.23	9.41	0.2%	-4.3%	1.9%
Previous	16.19	6.36	4.68	11.06	14.78	6.67	4.89	10.70	15.33	6.67	4.88	10.68	9.63	9.55	9.25	9.36	-0.9%	-3.1%	1.2%
Percent Change	0.0%	0.0%	0.0%	3.6%	-0.5%	-1.3%	0.2%	0.7%	0.3%	0.1%	0.5%	0.9%	0.0%	1.0%	-0.2%	0.5%			
U.S. Industrial																			
Current	25.12	21.74	21.31	23.79	26.36	23.43	22.58	25.52	26.31	23.28	22.49	25.67	22.95	22.98	24.47	24.43	0.1%	6.5%	-0.2%
Previous	25.12	21.74	21.31	24.08	25.96	23.14	22.29	25.34	26.15	23.18	22.44	25.62	22.95	23.05	24.18	24.34	0.4%	4.9%	0.7%
Percent Change	0.0%	0.0%	0.0%	-1.2%	1.6%	1.2%	1.3%	0.7%	0.6%	0.4%	0.2%	0.2%	0.0%	-0.3%	1.2%	0.4%			
U.S. Electric Power Sector																			
Current	26.83	28.13	39.74	29.09	30.10	31.89	38.95	28.59	26.21	28.89	37.96	28.07	29.01	30.98	32.39	30.31	6.8%	4.6%	-6.4%
Previous	26.84	28.14	39.75	29.29	28.79	31.37	37.96	28.02	26.53	29.37	37.61	27.60	29.01	31.03	31.54	30.30	7.0%	1.6%	-3.9%
Percent Change	0.0%	0.0%	0.0%	-0.7%	4.5%	1.6%	2.6%	2.0%	-1.2%	-1.6%	0.9%	1.7%	0.0%	-0.2%	2.7%	0.0%			
U.S. Total Consumption																			
Current	103.32	70.74	76.74	89.34	105.09	77.47	77.78	88.82	103.15	74.32	76.69	88.54	82.40	84.97	87.27	85.61	3.1%	2.7%	-1.9%
Previous	103.32	70.74	76.75	89.09	103.11	76.52	76.47	88.95	102.88	74.45	76.35	88.98	82.40	84.91	86.24	85.60	3.1%	1.6%	-0.7%
Percent Change	0.0%	0.0%	0.0%	0.3%	1.9%	1.2%	1.7%	-0.1%	0.3%	-0.2%	0.5%	-0.5%	0.0%	0.1%	1.2%	0.0%			
U.S. Working Gas in Storage (billion cubic feet)																			
Current	1,185	2,461	3,415	3,189	1,920	2,865	3,670	3,413	1,805	2,776	3,548	3,245	2,708	3,189	3,413	3,245	17.7%	7.0%	-4.9%
Previous	1,185	2,461	3,415	3,207	1,965	2,952	3,769	3,476	1,895	2,847	3,602	3,281	2,708	3,207	3,476	3,281	18.4%	8.4%	-5.6%
Percent Change	0.0%	0.0%	0.0%	-0.6%	-2.3%	-2.9%	-2.6%	-1.8%	-4.8%	-2.5%	-1.5%	-1.1%	0.0%	-0.6%	-1.8%	-1.1%			
U.S. Balancing Item (billion cubic feet per day) (Consumption - Supply)																			
Current	0.11	-0.79	-0.39	-2.21	1.50	-2.01	-1.23	0.11	2.15	1.03	1.13	0.61	-0.51	-0.83	-0.41	1.23			
Previous	0.12	-0.78	-0.38	-1.72	1.55	-0.08	-0.74	0.09	1.78	0.54	0.73	1.74	-0.51	-0.70	0.20	1.20			

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

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

Current Forecast: March 11, 2020; Previous Forecast: February 11, 2020

	2019				2020				2021				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2018	2019	2020	2021	2018-2019	2019-2020	2020-2021
U.S. Electricity Generation, Electric Power Sector (billion kilowatthours)																			
U.S. Total Generation																			
Current	955	935	1,131	934	948	939	1,105	930	955	940	1,106	931	4,014	3,956	3,923	3,932	-1.5%	-0.8%	0.2%
Previous	955	936	1,130	937	941	934	1,098	924	956	935	1,100	926	4,014	3,958	3,897	3,916	-1.4%	-1.5%	0.5%
Percent Change	0.0%	0.0%	0.0%	-0.2%	0.8%	0.5%	0.7%	0.6%	-0.1%	0.5%	0.6%	0.5%	0.0%	0.0%	0.7%	0.4%			
U.S. Coal																			
Current	258	209	279	213	204	166	248	187	234	171	241	189	1,139	960	805	835	-15.7%	-16.1%	3.8%
Previous	258	209	279	221	206	161	253	200	227	161	239	205	1,139	967	820	831	-15.1%	-15.2%	1.4%
Percent Change	0.0%	0.0%	0.0%	-3.3%	-1.0%	3.2%	-2.0%	-6.6%	3.1%	6.3%	0.7%	-7.4%	0.0%	-0.8%	-1.8%	0.5%			
U.S. Natural gas																			
Current	317	331	474	353	348	366	466	351	309	343	461	347	1,365	1,475	1,531	1,460	8.0%	3.8%	-4.6%
Previous	317	331	474	348	335	365	456	331	319	349	456	328	1,365	1,470	1,486	1,452	7.6%	1.1%	-2.3%
Percent Change	0.0%	0.0%	0.0%	1.5%	4.0%	0.3%	2.2%	6.2%	-3.0%	-1.6%	1.0%	5.8%	0.0%	0.4%	3.0%	0.5%			
U.S. Petroleum																			
Current	4.9	4.2	4.8	3.5	4.6	4.3	4.5	3.6	4.6	4.1	4.3	3.5	23.9	17.3	17.0	16.5	-27.5%	-1.8%	-3.1%
Previous	4.9	4.2	4.8	3.9	5.2	4.3	4.5	3.5	4.5	4.1	4.4	4.1	23.9	17.8	17.4	17.0	-25.8%	-1.8%	-2.5%
Percent Change	0.0%	0.0%	0.0%	-10.5%	-11.0%	0.4%	-0.5%	4.8%	3.3%	0.3%	-1.6%	-14.4%	0.0%	-2.3%	-2.4%	-2.9%			
U.S. Nuclear																			
Current	203	197	210	199	205	187	205	201	202	189	201	190	807	809	798	781	0.3%	-1.4%	-2.1%
Previous	203	197	210	199	206	186	205	201	199	186	199	186	807	809	798	770	0.3%	-1.4%	-3.6%
Percent Change	0.0%	0.0%	0.1%	0.1%	-0.4%	0.7%	-0.1%	0.0%	1.1%	1.9%	0.9%	2.3%	0.0%	0.0%	0.0%	1.5%			
U.S. Conventional Hydroelectric																			
Current	71	82	61	59	74	85	67	62	73	82	64	62	291	272	289	280	-6.4%	6.0%	-3.0%
Previous	71	82	61	59	76	87	65	64	72	82	64	62	291	272	291	280	-6.5%	7.0%	-3.8%
Percent Change	0.0%	0.0%	0.3%	-0.2%	-2.9%	-2.0%	4.1%	-2.2%	0.6%	-0.5%	0.7%	-1.4%	0.0%	0.0%	-0.9%	-0.1%			
U.S. Other Renewables																			
Current	99	111	101	105	110	128	114	124	131	149	134	139	383	416	475	552	8.6%	14.4%	16.2%
Previous	99	111	100	105	110	128	114	124	132	151	136	140	383	415	477	559	8.5%	14.9%	17.2%
Percent Change	0.1%	0.1%	0.2%	0.1%	-0.1%	-0.6%	-0.4%	-0.2%	-0.6%	-1.9%	-1.4%	-0.9%	0.0%	0.1%	-0.3%	-1.2%			
U.S. Electricity Sales (billion kilowatthours)																			
U.S. Residential																			
Current	361	309	434	331	354	312	423	324	369	314	425	325	123	120	118	120	-2.3%	-1.6%	1.4%
Previous	361	309	434	332	354	313	423	324	371	314	425	326	123	120	118	120	-2.2%	-1.6%	1.6%
Percent Change	0.0%	0.0%	0.0%	-0.4%	0.2%	-0.2%	0.0%	-0.2%	-0.6%	-0.2%	-0.1%	-0.2%	0.0%	-0.1%	-0.1%	-0.3%			
U.S. Commercial																			
Current	320	328	382	325	322	330	376	323	321	330	377	323	115	113	113	113	-2.0%	-0.3%	0.0%
Previous	320	328	382	325	323	330	377	323	325	331	377	323	115	113	113	113	-1.9%	-0.3%	0.3%
Percent Change	-0.2%	0.0%	0.0%	0.0%	-0.2%	-0.1%	-0.1%	0.1%	-1.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.3%			
U.S. Industrial																			
Current	228	238	254	232	227	234	251	229	222	233	250	229	84	79	78.49	78	-4.9%	-1.2%	-0.8%
Previous	228	237	255	232	227	235	252	231	225	234	251	231	84	79	79	79	-5.0%	-0.7%	-0.4%
Percent Change	0.3%	0.2%	-0.2%	0.1%	0.0%	-0.4%	-0.3%	-0.8%	-1.2%	-0.5%	-0.5%	-1.0%	0.0%	0.1%	-0.4%	-0.8%			
U.S. Total																			
Current	911	877	1,072	889	905	877	1,052	878	914	878	1,054	879	322	313	310	311	-2.9%	-1.0%	0.4%
Previous	911	876	1,072	891	905	879	1,054	880	922	881	1,056	882	322	313	310	312	-2.8%	-0.9%	0.6%
Percent Change	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.3%	-0.1%	-0.3%	-0.9%	-0.3%	-0.2%	-0.3%	0.0%	0.0%	-0.1%	-0.4%			

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: March 11, 2020; Previous Forecast: February 11, 2020

	2019				2020				2021				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2018	2019	2020	2021	2018-2019	2019-2020	2020-2021
U.S. Coal (million short tons)																			
U.S. Production																			
Current	170.3	174.9	179.7	165.2	156.0	117.3	156.2	143.9	161.7	119.7	153.2	146.6	756	690	573	581	-8.7%	-16.9%	1.3%
Previous	170.3	174.9	179.7	165.2	162.7	117.1	161.3	154.4	160.4	114.9	153.7	158.4	756	690	595	587	-8.7%	-13.7%	-1.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-4.1%	0.2%	-3.1%	-6.8%	0.8%	4.2%	-0.4%	-7.5%	0.0%	0.0%	-3.7%	-1.1%			
U.S. Exports																			
Current	25.2	25.3	21.9	20.4	22.3	18.9	18.6	18.3	21.8	20.2	20.4	20.4	115.6	92.9	78.1	82.8	-19.7%	-15.9%	6.0%
Previous	25.2	25.3	21.9	21.8	25.5	21.1	20.1	19.4	22.7	20.8	20.8	20.8	115.6	94.2	86.1	85.1	-18.5%	-8.6%	-1.2%
Percent Change	0.0%	0.0%	0.0%	-6.2%	-12.5%	-10.3%	-7.6%	-5.9%	-3.8%	-2.6%	-2.1%	-2.2%	0.0%	-1.4%	-9.3%	-2.7%			
U.S. Imports																			
Current	1.7	1.6	1.7	1.7	1.3	1.3	1.5	1.4	1.2	1.3	1.5	1.4	6.0	6.7	5.5	5.4	12.5%	-17.9%	-2.4%
Previous	1.7	1.6	1.7	1.7	1.2	1.3	1.5	1.4	1.2	1.3	1.5	1.4	6.0	6.6	5.4	5.4	11.6%	-19.2%	-0.1%
Percent Change	0.0%	0.0%	0.0%	3.1%	6.9%	2.5%	0.8%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.8%	2.4%	0.0%			
U.S. Electric Power Demand																			
Current	145.3	118.0	156.2	119.9	114.7	94.1	138.3	105.9	129.8	95.3	134.1	106.9	637	539	453	466	-15.3%	-16.0%	2.9%
Previous	145.3	118.0	156.6	126.2	116.6	91.5	141.6	115.0	127.4	89.9	133.8	117.7	637	546	465	469	-14.3%	-14.9%	0.9%
Percent Change	0.0%	0.0%	-0.3%	-4.9%	-1.6%	2.8%	-2.3%	-7.9%	1.9%	6.0%	0.2%	-9.1%	0.0%	-1.2%	-2.5%	-0.6%			
U.S. Secondary Stocks																			
Current	102.2	123.2	116.9	134.2	137.3	133.4	125.6	133.2	133.4	130.0	122.3	130.1	108.4	134.2	133.2	130.1	23.9%	-0.8%	-2.3%
Previous	102.2	123.2	117.1	129.3	132.5	128.9	121.2	128.8	129.3	125.9	118.3	126.0	108.4	129.3	128.8	126.0	19.4%	-0.4%	-2.2%
Percent Change	0.0%	0.0%	-0.2%	3.8%	3.6%	3.5%	3.6%	3.4%	3.2%	3.3%	3.4%	3.2%	0.0%	3.8%	3.4%	3.2%			
U.S. Carbon Dioxide Emissions																			
Petroleum																			
Current	574.7	586.7	597.3	595.9	564.6	579.6	601.1	597.1	575.3	580.9	596.0	591.8	2,373	2,355	2,342	2,344	-0.8%	-0.5%	0.1%
Previous	574.7	586.7	597.3	600.4	573.2	577.1	596.3	592.4	569.8	575.6	593.1	589.9	2,373	2,359	2,339	2,328	-0.6%	-0.8%	-0.5%
Percent Change	0.0%	0.0%	0.0%	-0.7%	-1.5%	0.4%	0.8%	0.8%	1.0%	0.9%	0.5%	0.3%	0.0%	-0.2%	0.1%	0.7%			
Coal																			
Current	289.6	239.0	307.3	248.4	237.4	198.6	277.1	222.3	262.4	198.7	267.3	222.1	1260.3	1084.3	935.4	950.5	-14.0%	-13.7%	1.6%
Previous	289.6	239.1	308.0	257.2	240.3	193.3	282.8	238.7	258.2	189.2	267.5	242.5	1260.3	1093.9	955.0	957.5	-13.2%	-12.7%	0.3%
Percent Change	0.0%	0.0%	-0.2%	-3.4%	-1.2%	2.7%	-2.0%	-6.9%	1.6%	5.0%	-0.1%	-8.4%	0.0%	-0.9%	-2.1%	-0.7%			
Natural Gas																			
Current	506.6	349.7	383.8	444.3	521.1	382.9	389.0	441.6	506.0	367.4	383.5	440.2	1635.5	1684.5	1734.7	1697.2	3.0%	3.0%	-2.2%
Previous	506.6	349.7	383.8	456.1	511.2	378.2	382.4	445.3	504.6	368.0	381.8	445.5	1635.5	1696.3	1717.2	1700.0	3.7%	1.2%	-1.0%
Percent Change	0.0%	0.0%	0.0%	-2.6%	1.9%	1.2%	1.7%	-0.8%	0.3%	-0.2%	0.5%	-1.2%	0.0%	-0.7%	1.0%	-0.2%			
Total Fossil Fuel																			
Current	1370.9	1175.5	1288.4	1288.6	1323.1	1161.2	1267.2	1261.0	1343.7	1147.0	1246.9	1254.1	5,269	5,123	5,012	4,992	-2.8%	-2.2%	-0.4%
Previous	1371.0	1175.5	1289.2	1313.6	1324.7	1148.7	1261.5	1276.4	1332.6	1132.9	1242.4	1277.9	5,269	5,149	5,011	4,986	-2.3%	-2.7%	-0.5%
Percent Change	0.0%	0.0%	-0.1%	-1.9%	-0.1%	1.1%	0.4%	-1.2%	0.8%	1.2%	0.4%	-1.9%	0.0%	-0.5%	0.0%	0.1%			

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: March 11, 2020; Previous Forecast: February 11, 2020

	2019				2020				2021				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2018	2019	2020	2021	2018-2019	2019-2020	2020-2021
U.S. Renewable Energy Consumption, All Sectors (quadrillion btu)																			
U.S. Wind Power																			
Current	0.683	0.724	0.610	0.745	0.782	0.830	0.672	0.874	0.919	0.935	0.766	0.953	2.509	2.762	3.159	3.573	10.1%	14.4%	13.1%
Previous	0.683	0.724	0.609	0.754	0.785	0.835	0.674	0.888	0.929	0.953	0.777	0.976	2.509	2.770	3.182	3.636	10.4%	14.9%	14.3%
Percent Change	0.0%	0.0%	0.1%	-1.2%	-0.3%	-0.6%	-0.3%	-1.6%	-1.1%	-2.0%	-1.4%	-2.3%	0.0%	-0.3%	-0.7%	-1.7%			
U.S. Wood Biomass																			
Current	0.578	0.568	0.582	0.569	0.532	0.545	0.563	0.559	0.535	0.540	0.560	0.558	2.360	2.296	2.199	2.193	-2.7%	-4.2%	-0.2%
Previous	0.578	0.568	0.582	0.536	0.525	0.540	0.559	0.536	0.531	0.538	0.556	0.536	2.359	2.264	2.160	2.161	-4.1%	-4.6%	0.1%
Percent Change	0.0%	0.0%	-0.1%	6.2%	1.3%	0.9%	0.8%	4.3%	0.9%	0.5%	0.6%	4.1%	0.0%	1.4%	1.8%	1.5%			
U.S. Solar Power																			
Current	0.198	0.315	0.324	0.207	0.235	0.381	0.406	0.267	0.302	0.495	0.526	0.339	0.917	1.044	1.289	1.663	13.9%	23.4%	29.1%
Previous	0.197	0.315	0.324	0.207	0.236	0.383	0.406	0.266	0.301	0.499	0.530	0.339	0.917	1.042	1.290	1.669	13.7%	23.8%	29.3%
Percent Change	0.2%	0.2%	0.2%	0.0%	-0.3%	-0.6%	0.0%	0.4%	0.4%	-0.8%	-0.7%	0.2%	0.0%	0.2%	-0.1%	-0.3%			
U.S. Ethanol																			
Current	0.285	0.305	0.302	0.307	0.289	0.304	0.308	0.301	0.282	0.303	0.306	0.298	1.188	1.199	1.202	1.190	0.9%	0.3%	-1.0%
Previous	0.285	0.305	0.302	0.313	0.287	0.303	0.307	0.300	0.282	0.304	0.307	0.299	1.188	1.204	1.198	1.191	1.3%	-0.5%	-0.5%
Percent Change	0.0%	0.0%	0.0%	-1.8%	0.9%	0.1%	0.3%	0.2%	0.1%	-0.1%	-0.2%	-0.2%	0.0%	-0.5%	0.4%	-0.1%			
U.S. Biodiesel																			
Current	0.058	0.071	0.070	0.066	0.074	0.082	0.072	0.078	0.090	0.099	0.085	0.093	0.260	0.265	0.306	0.367	2.0%	15.4%	20.0%
Previous	0.058	0.071	0.070	0.068	0.076	0.086	0.076	0.082	0.094	0.103	0.090	0.098	0.260	0.267	0.320	0.385	2.9%	19.9%	20.3%
Percent Change	0.0%	0.0%	0.0%	-3.1%	-2.8%	-4.9%	-5.1%	-4.9%	-4.1%	-4.6%	-5.1%	-4.8%	0.0%	-0.8%	-4.4%	-4.7%			
U.S. Renewable Electric Power Sector Generation Capacity (MW)																			
Wind Power																			
Current	96,653	98,128	99,707	103,466	108,081	109,457	112,315	123,906	124,351	125,816	126,274	129,528	94,408	103,466	123,906	129,528	9.6%	19.8%	4.5%
Previous	96,620	98,096	99,674	105,081	108,237	109,654	112,663	125,792	126,557	127,594	127,974	130,749	94,376	105,081	125,792	130,749	11.3%	19.7%	3.9%
Percent Change	0.0%	0.0%	0.0%	-1.5%	-0.1%	-0.2%	-0.3%	-1.5%	-1.7%	-1.4%	-1.3%	-0.9%	0.0%	-1.5%	-1.5%	-0.9%			
Wood Biomass																			
Current	2,835	2,820	2,730	2,795	2,795	2,795	2,795	2,795	2,795	2,795	2,795	2,795	2,965	2,795	2,795	2,795	-5.7%	0.0%	0.0%
Previous	2,835	2,820	2,731	2,828	2,828	2,828	2,828	2,870	2,870	2,870	2,870	2,870	2,965	2,828	2,870	2,870	-4.6%	1.5%	0.0%
Percent Change	0.0%	0.0%	0.0%	-1.1%	-1.1%	-1.1%	-1.1%	-2.6%	-2.6%	-2.6%	-2.6%	-2.6%	0.0%	-1.1%	-2.6%	-2.6%			
Solar Power																			
Current	32,704	33,190	33,843	36,909	39,022	42,001	43,444	50,917	51,911	58,539	59,916	64,624	31,614	36,909	50,917	64,624	16.7%	38.0%	26.9%
Previous	32,699	33,184	33,830	37,458	39,304	42,165	43,567	51,202	52,194	58,646	60,022	64,419	31,616	37,458	51,202	64,419	18.5%	36.7%	25.8%
Percent Change	0.0%	0.0%	0.0%	-1.5%	-0.7%	-0.4%	-0.3%	-0.6%	-0.5%	-0.2%	-0.2%	0.3%	0.0%	-1.5%	-0.6%	0.3%			

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