

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

Current Forecast: June 6, 2017; Previous Forecast: May 9, 2017

	2016				2017				2018				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2015	2016	2017	2018	2015-2016	2016-2017	2017-2018
U.S. Energy Supply																			
U.S. Crude Oil Production (million barrels per day)																			
Current	9.17	8.85	8.67	8.81	9.00	9.20	9.40	9.73	9.95	10.00	9.90	10.17	9.42	8.87	9.33	10.01	-5.7%	5.2%	7.2%
Previous	9.17	8.85	8.67	8.81	8.99	9.22	9.36	9.65	9.83	9.90	9.90	10.22	9.42	8.87	9.31	9.96	-5.7%	4.9%	7.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.4%	0.8%	1.2%	1.0%	0.0%	-0.5%	0.0%	0.0%	0.3%	0.4%			
U.S. Dry Natural Gas Production (billion cubic feet per day)																			
Current	73.77	72.38	71.84	71.20	71.40	72.22	74.24	75.28	76.13	76.45	76.43	77.26	74.14	72.29	73.30	76.57	-2.5%	1.4%	4.5%
Previous	73.77	72.38	71.84	71.20	71.72	73.19	75.12	76.18	76.69	76.88	77.26	78.26	74.14	72.29	74.07	77.28	-2.5%	2.5%	4.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-1.3%	-1.2%	-1.2%	-0.7%	-0.6%	-1.1%	-1.3%	0.0%	0.0%	-1.0%	-0.9%			
U.S. Coal Production (million short tons)																			
Current	173.0	160.5	195.1	199.5	199.7	184.0	207.7	192.8	195.1	175.7	206.5	209.4	897.0	728.2	784.2	786.6	-18.8%	7.7%	0.3%
Previous	173.0	160.5	195.1	210.0	199.7	178.5	203.1	192.3	200.2	173.6	202.4	209.0	897.0	738.7	773.7	785.2	-17.6%	4.7%	1.5%
Percent Change	0.0%	0.0%	0.0%	-5.0%	0.0%	3.1%	2.3%	0.2%	-2.6%	1.2%	2.0%	0.2%	0.0%	-1.4%	1.4%	0.2%			
U.S. Energy Consumption																			
U.S. Petroleum and Other Liquid Fuels Consumption (million barrels per day)																			
Current	19.45	19.42	19.90	19.75	19.49	19.90	20.28	20.11	19.92	20.08	20.57	20.47	19.53	19.63	19.95	20.26	0.5%	1.6%	1.6%
Previous	19.45	19.42	19.90	19.75	19.38	19.87	20.30	20.12	19.90	20.06	20.54	20.38	19.53	19.63	19.92	20.22	0.5%	1.5%	1.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.6%	0.1%	-0.1%	0.0%	0.1%	0.1%	0.2%	0.5%	0.0%	0.0%	0.1%	0.2%			
U.S. Natural Gas Consumption (billion cubic feet per day)																			
Current	89.13	66.64	69.07	75.70	85.58	64.09	66.51	77.61	92.21	66.68	67.45	78.87	74.65	75.12	73.41	76.24	0.6%	-2.3%	3.9%
Previous	89.15	66.66	69.07	75.70	85.43	63.80	66.37	78.08	92.48	66.32	68.01	79.39	74.65	75.13	73.38	76.49	0.6%	-2.3%	4.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	0.5%	0.2%	-0.6%	-0.3%	0.5%	-0.8%	-0.6%	0.0%	0.0%	0.0%	-0.3%			
U.S. Electricity Retail Sales (million kilowatthours per day)																			
Current	9,805	9,584	11,688	9,469	9,726	9,783	11,416	9,550	10,153	9,826	11,444	9,622	10,299	10,139	10,122	10,263	-1.6%	-0.2%	1.4%
Previous	9,805	9,584	11,688	9,469	9,760	9,783	11,432	9,553	10,203	9,827	11,474	9,640	10,299	10,139	10,135	10,288	-1.6%	0.0%	1.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.1%	0.0%	-0.5%	0.0%	-0.3%	-0.2%	0.0%	0.0%	-0.1%	-0.2%			
U.S. Total Energy Consumption (quadrillion Btu)																			
Current	25.23	22.95	24.76	24.45	24.72	22.79	24.35	24.41	25.52	23.23	24.61	24.75	97.37	97.40	96.27	98.11	0.0%	-1.2%	1.9%
Previous	25.24	22.95	24.76	24.45	24.55	22.74	24.32	24.44	25.61	23.17	24.55	24.73	97.37	97.40	96.04	98.06	0.0%	-1.4%	2.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	0.2%	0.1%	-0.1%	-0.4%	0.3%	0.2%	0.1%	0.0%	0.0%	0.2%	0.0%			
U.S. Macroeconomic and Weather																			
U.S. Real Gross Domestic Product (billion chained 2009 dollars)																			
Current	16,525	16,583	16,727	16,813	16,842	16,984	17,107	17,212	17,320	17,421	17,527	17,632	16,397	16,662	17,036	17,475	1.6%	2.2%	2.6%
Previous	16,525	16,583	16,727	16,813	16,880	17,009	17,114	17,221	17,332	17,434	17,537	17,639	16,397	16,662	17,056	17,485	1.6%	2.4%	2.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%			
U.S. Manufacturing Production Index (index 2012 = 100)																			
Current	102.9	102.6	102.7	103.1	103.8	104.1	104.7	105.4	106.1	106.5	107.1	108.0	102.6	102.8	104.5	106.9	0.2%	1.7%	2.3%
Previous	102.9	102.6	102.7	103.1	104.3	105.0	106.0	106.7	107.3	107.7	108.2	109.0	102.6	102.8	105.5	108.1	0.2%	2.6%	2.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.9%	-1.2%	-1.3%	-1.2%	-1.1%	-1.0%	-0.9%	0.0%	0.0%	-0.9%	-1.1%			
U.S. Heating Degree Days																			
Current	1,949	481	51	1,398	1,857	426	75	1,534	2,122	493	75	1,532	4,086	3,878	3,892	4,223	-5.1%	0.4%	8.5%
Previous	1,947	481	51	1,398	1,858	408	75	1,536	2,129	498	75	1,534	4,086	3,877	3,877	4,236	-5.1%	0.0%	9.3%
Percent Change	0.1%	0.1%	-0.2%	0.0%	0.0%	4.5%	-0.6%	-0.1%	-0.3%	-0.9%	0.2%	-0.1%	0.0%	0.0%	0.4%	-0.3%			
U.S. Cooling Degree Days																			
Current	53	410	964	128	70	415	844	91	39	386	839	91	1,486	1,555	1,420	1,356	4.6%	-8.7%	-4.5%
Previous	54	411	966	129	70	419	844	90	39	382	846	91	1,488	1,559	1,424	1,357	4.7%	-8.7%	-4.7%
Percent Change	-0.6%	-0.2%	-0.2%	-0.4%	-0.7%	-1.0%	0.0%	0.6%	-0.1%	1.1%	-0.8%	0.6%	-0.1%	-0.2%	-0.3%	-0.1%			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/doi.gov/emeu/steo/pub/contents.html>)

STEO Current/Previous Forecast Comparisons: Energy Prices

Current Forecast: June 6, 2017; Previous Forecast: May 9, 2017

	2016				2017				2018				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2015	2016	2017	2018	2015-2016	2016-2017	2017-2018
U.S. Petroleum																			
WTI spot (\$/barrel)																			
Current	33.35	45.46	44.85	49.18	51.64	49.82	51.68	50.00	50.35	53.00	55.00	56.00	48.67	43.33	50.78	53.61	-11.0%	17.2%	5.6%
Previous	33.35	45.46	44.85	49.18	51.64	49.13	50.00	51.97	53.00	54.67	55.67	57.00	48.67	43.33	50.68	55.10	-11.0%	17.0%	8.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	3.4%	-3.8%	-5.0%	-3.1%	-1.2%	-1.8%	0.0%	0.0%	0.2%	-2.7%			
Refiner composite crude oil acquisition cost (\$/barrel)																			
Current	30.84	42.23	42.90	46.56	49.83	48.84	50.68	49.00	49.35	52.01	54.00	55.00	48.40	40.69	49.59	52.63	-15.9%	21.9%	6.1%
Previous	30.84	42.23	42.90	46.56	49.73	48.17	49.00	51.02	52.00	53.68	54.66	56.00	48.40	40.69	49.46	54.11	-15.9%	21.6%	9.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	1.4%	3.4%	-4.0%	-5.1%	-3.1%	-1.2%	-1.8%	0.0%	0.0%	0.3%	-2.7%			
Brent spot average (\$/barrel)																			
Current	33.89	45.57	45.80	49.25	53.57	51.52	53.68	52.00	52.35	55.00	57.00	58.00	52.32	43.74	52.69	55.61	-16.4%	20.5%	5.5%
Previous	33.89	45.57	45.80	49.25	53.57	50.89	52.00	53.97	55.00	56.67	57.67	59.00	52.32	43.74	52.60	57.10	-16.4%	20.3%	8.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	3.2%	-3.6%	-4.8%	-3.0%	-1.2%	-1.7%	0.0%	0.0%	0.2%	-2.6%			
Gasoline, regular-grade retail including taxes (\$/gallon)																			
Current	1.90	2.25	2.21	2.23	2.33	2.44	2.48	2.26	2.26	2.52	2.54	2.38	2.43	2.15	2.38	2.43	-11.5%	10.6%	2.1%
Previous	1.90	2.25	2.21	2.23	2.33	2.38	2.39	2.27	2.31	2.55	2.54	2.39	2.43	2.15	2.34	2.45	-11.5%	9.0%	4.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	3.9%	-0.5%	-2.2%	-1.2%	-0.2%	-0.5%	0.0%	0.0%	1.5%	-1.0%			
Diesel, retail including taxes (\$/gallon)																			
Current	2.08	2.30	2.38	2.47	2.57	2.59	2.73	2.74	2.72	2.76	2.84	2.90	2.71	2.31	2.66	2.81	-14.6%	15.0%	5.6%
Previous	2.08	2.30	2.38	2.47	2.57	2.59	2.67	2.76	2.79	2.81	2.85	2.92	2.71	2.31	2.65	2.84	-14.6%	14.6%	7.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	2.1%	-0.6%	-2.4%	-1.5%	-0.3%	-0.8%	0.0%	0.0%	0.3%	-1.2%			
Heating Oil, residential retail including taxes (\$/gallon)																			
Current	1.95	2.05	2.11	2.33	2.47	2.44	2.58	2.65	2.68	2.59	2.65	2.75	2.65	2.10	2.53	2.69	-20.6%	20.5%	6.1%
Previous	1.95	2.05	2.11	2.33	2.47	2.44	2.53	2.68	2.76	2.66	2.68	2.80	2.65	2.10	2.54	2.75	-20.6%	20.8%	8.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	-1.1%	-2.8%	-2.6%	-1.1%	-1.5%	0.0%	0.0%	-0.2%	-2.2%			
U.S. Natural Gas																			
Henry Hub spot (\$ per million Btu)																			
Current	2.00	2.14	2.88	3.04	3.01	3.14	3.20	3.29	3.50	3.29	3.32	3.53	2.63	2.51	3.16	3.41	-4.4%	25.6%	7.9%
Previous	2.00	2.14	2.88	3.04	3.01	3.16	3.21	3.30	3.52	3.31	3.34	3.54	2.63	2.51	3.17	3.43	-4.4%	26.1%	8.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.7%	-0.5%	-0.3%	-0.5%	-0.4%	-0.7%	-0.5%	0.0%	0.0%	-0.4%	-0.5%			
Residential Retail (\$ per thousand cubic feet)																			
Current	8.54	11.15	16.99	10.18	9.73	12.37	16.57	10.77	9.94	12.54	16.75	11.00	10.36	10.06	11.02	11.19	-3.0%	9.6%	1.5%
Previous	8.54	11.15	16.99	10.18	9.76	12.38	16.59	10.78	9.95	12.46	16.75	10.99	10.36	10.06	10.98	11.11	-3.0%	9.2%	1.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.1%	-0.1%	-0.1%	-0.1%	0.7%	-0.1%	0.0%	0.0%	0.0%	0.4%	0.6%			
U.S. Electric Utilities Fuel Costs (\$ per million Btu)																			
Coal																			
Current	2.13	2.13	2.11	2.08	2.08	2.17	2.21	2.18	2.20	2.20	2.24	2.23	2.23	2.11	2.16	2.22	-5.0%	2.3%	2.5%
Previous	2.13	2.13	2.11	2.08	2.11	2.15	2.20	2.17	2.21	2.20	2.23	2.23	2.23	2.11	2.16	2.22	-5.0%	2.1%	2.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.1%	0.6%	0.8%	0.2%	-0.3%	0.2%	0.4%	0.1%	0.0%	0.0%	0.2%	0.1%			
Natural Gas																			
Current	2.65	2.51	3.00	3.36	3.69	3.64	3.50	3.87	4.37	3.78	3.63	4.15	3.23	2.88	3.66	3.95	-11.0%	27.3%	7.9%
Previous	2.65	2.51	3.00	3.36	3.74	3.65	3.52	3.88	4.39	3.79	3.65	4.17	3.23	2.88	3.68	3.96	-11.0%	28.0%	7.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.5%	-0.2%	-0.4%	-0.3%	-0.3%	-0.3%	-0.6%	-0.4%	0.0%	0.0%	-0.6%	-0.3%			
Residual Fuel Oil																			
Current	6.15	8.51	9.70	9.08	11.01	10.76	10.30	10.10	9.91	10.78	10.78	10.85	10.36	8.41	10.52	10.58	-18.9%	25.1%	0.6%
Previous	6.15	8.51	9.70	9.08	11.00	10.70	10.13	10.11	10.26	11.10	10.94	10.99	10.36	8.41	10.47	10.82	-18.9%	24.5%	3.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	1.7%	-0.1%	-3.4%	-2.9%	-1.5%	-1.2%	0.0%	0.0%	0.5%	-2.2%			
U.S. Residential Retail Electricity (cents per kilowatthour)																			
Current	12.20	12.66	12.81	12.45	12.61	13.05	13.43	12.96	12.94	13.61	13.95	13.35	12.65	12.55	13.04	13.48	-0.8%	3.9%	3.4%
Previous	12.20	12.66	12.81	12.45	12.62	12.76	13.13	12.81	12.94	13.11	13.42	13.09	12.65	12.55	12.85	13.15	-0.8%	2.4%	2.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	2.3%	1.2%	0.0%	3.8%	4.0%	2.0%	0.0%	0.0%	1.5%	2.5%			

Prices are not adjusted for inflation.

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/doe.gov/emeu/steo/pub/contents.html>)

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

Current Forecast: June 6, 2017; Previous Forecast: May 9, 2017

	2016				2017				2018				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2015	2016	2017	2018	2015-2016	2016-2017	2017-2018
World Crude Oil and Liquid Fuels Supply (million barrels per day)																			
OECD (Organization for Economic Cooperation and Development) Supply																			
Current	26.99	25.90	26.31	26.84	26.77	26.95	27.47	28.09	28.30	28.44	28.46	29.10	26.84	26.51	27.32	28.57	-1.2%	3.1%	4.6%
Previous	26.99	25.90	26.31	26.76	26.73	26.93	27.37	27.84	27.98	28.16	28.29	28.97	26.84	26.49	27.22	28.35	-1.3%	2.8%	4.2%
Percent Change	0.0%	0.0%	0.0%	0.3%	0.2%	0.1%	0.3%	0.9%	1.1%	1.0%	0.6%	0.4%	0.0%	0.1%	0.4%	0.8%			
OPEC (Organization of the Petroleum Exporting Countries) Supply																			
Current	38.52	38.76	39.12	39.59	38.62	39.04	39.57	39.60	39.65	39.87	39.94	39.98	37.97	39.00	39.21	39.86	2.7%	0.5%	1.7%
Previous	38.30	38.72	39.10	39.56	38.83	39.06	39.83	39.98	40.03	40.31	40.31	40.25	37.97	38.92	39.43	40.23	2.5%	1.3%	2.0%
Percent Change	0.6%	0.1%	0.1%	0.1%	-0.5%	0.0%	-0.7%	-0.9%	-0.9%	-1.1%	-0.9%	-0.7%	0.0%	0.2%	-0.5%	-0.9%			
Non-OPEC Supply																			
Current	58.45	57.60	57.89	58.74	58.19	58.81	59.48	59.82	59.51	60.24	60.54	60.90	58.77	58.17	59.08	60.30	-1.0%	1.6%	2.1%
Previous	58.48	57.62	57.91	58.66	58.19	58.73	59.50	59.71	59.38	60.10	60.38	60.83	58.77	58.17	59.04	60.18	-1.0%	1.5%	1.9%
Percent Change	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.2%	0.2%	0.2%	0.3%	0.1%	0.0%	0.0%	0.1%	0.2%			
Total World Supply																			
Current	96.98	96.36	97.01	98.33	96.81	97.85	99.06	99.43	99.16	100.12	100.48	100.88	96.74	97.17	98.30	100.16	0.4%	1.2%	1.9%
Previous	96.78	96.34	97.02	98.22	97.02	97.80	99.33	99.70	99.40	100.41	100.69	101.09	96.74	97.09	98.47	100.40	0.4%	1.4%	2.0%
Percent Change	0.2%	0.0%	0.0%	0.1%	-0.2%	0.1%	-0.3%	-0.3%	-0.2%	-0.3%	-0.2%	-0.2%	0.0%	0.1%	-0.2%	-0.2%			
World Crude Oil and Liquid Fuels Consumption (million barrels per day)																			
OECD (Organization for Economic Cooperation and Development) Consumption																			
Current	46.69	46.02	47.29	47.38	46.72	46.56	47.63	47.61	47.43	46.69	47.85	48.00	46.41	46.85	47.14	47.50	0.9%	0.6%	0.8%
Previous	46.70	46.03	47.30	47.39	46.79	46.53	47.66	47.62	47.41	46.67	47.82	47.90	46.37	46.86	47.15	47.45	1.0%	0.6%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.1%			
Non-OECD Consumption																			
Current	49.00	50.29	50.51	50.48	50.10	51.55	51.86	51.76	51.67	52.74	52.97	52.93	48.99	50.07	51.32	52.58	2.2%	2.5%	2.5%
Previous	48.80	50.10	50.32	50.28	49.91	51.38	51.69	51.58	51.55	52.64	52.88	52.82	48.73	49.88	51.15	52.48	2.4%	2.5%	2.6%
Percent Change	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.5%	0.4%	0.3%	0.2%			
China Consumption																			
Current	12.26	12.47	12.38	12.65	12.69	12.82	12.75	12.88	13.02	13.16	13.03	13.27	12.02	12.44	12.78	13.12	3.5%	2.8%	2.6%
Previous	12.26	12.47	12.38	12.65	12.69	12.82	12.75	12.88	13.02	13.16	13.03	13.27	12.01	12.44	12.78	13.12	3.6%	2.8%	2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%			
Total World Consumption																			
Current	95.69	96.30	97.79	97.87	96.82	98.12	99.49	99.37	99.10	99.43	100.82	100.93	95.40	96.92	98.46	100.08	1.6%	1.6%	1.6%
Previous	95.50	96.13	97.63	97.67	96.70	97.92	99.35	99.20	98.96	99.31	100.71	100.72	95.10	96.74	98.30	99.93	1.7%	1.6%	1.7%
Percent Change	0.2%	0.2%	0.2%	0.2%	0.1%	0.2%	0.1%	0.2%	0.1%	0.1%	0.1%	0.2%	0.3%	0.2%	0.2%	0.1%			
Closing Stocks (million barrels)																			
OECD Commercial Inventory																			
Current	2,997	3,037	3,043	2,967	3,026	3,020	3,011	2,989	2,998	3,048	3,044	3,020	2,970	2,967	2,989	3,020	-0.1%	0.7%	1.0%
Previous	2,997	3,036	3,043	2,967	3,033	3,044	3,043	3,033	3,051	3,113	3,119	3,109	2,970	2,967	3,033	3,109	-0.1%	2.2%	2.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.8%	-1.1%	-1.5%	-1.7%	-2.1%	-2.4%	-2.9%	0.0%	0.0%	-1.5%	-2.9%			
OPEC Surplus Production Capacity and World Macroeconomic																			
OPEC Surplus Crude Oil Production Capacity (million barrels per day)																			
Current	1.42	1.22	0.95	1.00	2.21	2.20	1.94	2.04	1.91	1.30	1.20	1.20	1.46	1.15	2.10	1.40	-21.4%	82.6%	-33.2%
Previous	1.62	1.26	0.97	1.03	2.21	2.18	1.49	1.42	1.42	1.12	1.10	1.20	1.46	1.22	1.82	1.21	-16.4%	49.3%	-33.7%
Percent Change	-12.4%	-3.2%	-2.1%	-2.9%	0.0%	1.1%	30.2%	43.0%	35.1%	16.4%	9.1%	0.0%	0.0%	-5.9%	15.0%	16.0%			
World Oil-Consumption-Weighted GDP Growth (annualized percent change)																			
Current	2.22	2.28	2.35	2.50	2.53	2.70	2.82	2.91	3.04	3.07	3.06	3.06	2.69	2.34	2.74	3.06			
Previous	2.22	2.28	2.35	2.50	2.58	2.74	2.83	2.92	3.00	3.06	3.06	3.06	2.69	2.34	2.77	3.05			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/doi.gov/emeu/steo/pub/contents.html>)

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

Current Forecast: June 6, 2017; Previous Forecast: May 9, 2017

	2016				2017				2018				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2015	2016	2017	2018	2015-2016	2016-2017	2017-2018
U.S. Supply (million barrels per day)																			
U.S. Crude Oil Production																			
Current	9.17	8.85	8.67	8.81	9.00	9.20	9.40	9.73	9.95	10.00	9.90	10.17	9.42	8.87	9.33	10.01	-5.7%	5.2%	7.2%
Previous	9.17	8.85	8.67	8.81	8.99	9.22	9.36	9.65	9.83	9.90	9.90	10.22	9.42	8.87	9.31	9.96	-5.7%	4.9%	7.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.4%	0.8%	1.2%	1.0%	0.0%	-0.5%	0.0%	0.0%	0.3%	0.4%			
U.S. Natural Gas Plant Liquids Production																			
Current	3.38	3.57	3.46	3.49	3.54	3.73	3.91	4.03	4.05	4.14	4.22	4.35	3.34	3.48	3.80	4.19	4.1%	9.3%	10.2%
Previous	3.38	3.57	3.46	3.49	3.53	3.71	3.93	4.01	4.03	4.13	4.22	4.33	3.34	3.48	3.80	4.18	4.1%	9.2%	10.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	0.4%	-0.7%	0.6%	0.6%	0.3%	0.2%	0.3%	0.0%	0.0%	0.1%	0.3%			
U.S. Ethanol Production																			
Current	0.99	0.97	1.01	1.02	1.03	1.01	1.03	1.03	1.02	1.02	1.03	1.03	0.97	1.00	1.03	1.02	3.2%	2.9%	-0.4%
Previous	0.99	0.97	1.01	1.02	1.03	1.02	1.03	1.03	1.02	1.02	1.03	1.02	0.97	1.00	1.03	1.02	3.2%	2.9%	-0.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.3%	-0.4%	-0.1%	0.4%	0.1%	0.0%	0.0%	0.3%	0.0%	0.0%	0.1%	0.1%			
U.S. Total Petroleum and Other Liquid Fuel Net Imports																			
Current	4.97	4.68	5.15	4.68	4.29	4.34	4.26	3.21	3.31	3.66	3.73	2.83	4.71	4.87	4.02	3.38	3.4%	-17.5%	-15.9%
Previous	4.97	4.68	5.15	4.68	4.26	4.41	4.29	3.31	3.41	3.74	3.72	2.74	4.71	4.87	4.06	3.40	3.4%	-16.6%	-16.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	-1.5%	-0.6%	-3.0%	-2.9%	-2.3%	0.3%	3.4%	0.0%	0.0%	-1.0%	-0.6%			
U.S. Consumption (million barrels per day)																			
U.S. Gasoline																			
Current	9.09	9.44	9.56	9.22	8.95	9.47	9.60	9.33	8.99	9.51	9.63	9.33	9.18	9.33	9.34	9.37	1.6%	0.1%	0.3%
Previous	9.09	9.44	9.56	9.22	8.89	9.52	9.61	9.29	8.98	9.51	9.63	9.30	9.18	9.33	9.33	9.36	1.6%	0.0%	0.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.6%	-0.5%	-0.1%	0.5%	0.1%	0.0%	0.0%	0.3%	0.0%	0.0%	0.1%	0.1%			
U.S. Distillate																			
Current	3.90	3.80	3.79	4.02	3.95	4.03	3.93	4.04	4.11	3.96	3.97	4.14	4.00	3.88	3.99	4.05	-3.0%	2.8%	1.5%
Previous	3.90	3.80	3.79	4.02	3.93	3.95	3.91	4.05	4.13	3.96	3.97	4.14	4.00	3.88	3.96	4.05	-3.0%	2.2%	2.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.5%	2.0%	0.5%	-0.3%	-0.5%	0.0%	0.1%	0.2%	0.0%	0.0%	0.7%	-0.1%			
U.S. Jet Fuel																			
Current	1.50	1.61	1.68	1.63	1.60	1.67	1.65	1.61	1.55	1.65	1.65	1.62	1.55	1.61	1.63	1.62	3.8%	1.6%	-0.9%
Previous	1.50	1.61	1.68	1.63	1.59	1.64	1.65	1.61	1.55	1.63	1.64	1.61	1.55	1.61	1.62	1.61	3.8%	0.8%	-0.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.8%	2.0%	0.2%	-0.2%	0.2%	1.0%	0.3%	0.5%	0.0%	0.0%	0.7%	0.5%			
U.S. Hydrocarbon Gas Liquids																			
Current	2.73	2.25	2.40	2.59	2.79	2.36	2.55	2.83	3.02	2.63	2.78	3.08	2.55	2.49	2.63	2.87	-2.2%	5.6%	9.2%
Previous	2.73	2.25	2.40	2.59	2.76	2.41	2.58	2.87	3.00	2.61	2.75	3.02	2.55	2.49	2.65	2.84	-2.2%	6.5%	7.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.2%	-1.9%	-1.4%	-1.1%	0.5%	0.8%	1.2%	1.9%	0.0%	0.0%	-0.8%	1.1%			
U.S. Total Petroleum and Other Liquid Fuels																			
Current	19.45	19.42	19.90	19.75	19.49	19.90	20.28	20.11	19.92	20.08	20.57	20.47	19.53	19.63	19.95	20.26	0.5%	1.6%	1.6%
Previous	19.45	19.42	19.90	19.75	19.38	19.87	20.30	20.12	19.90	20.06	20.54	20.38	19.53	19.63	19.92	20.22	0.5%	1.5%	1.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.6%	0.1%	-0.1%	0.0%	0.1%	0.1%	0.2%	0.5%	0.0%	0.0%	0.1%	0.2%			
U.S. Closing Stocks (million barrels)																			
U.S. Crude Oil																			
Current	501.5	498.0	469.1	484.3	537.9	500.0	481.9	475.6	512.1	508.4	487.1	482.2	449.2	484.3	475.6	482.2	7.8%	-1.8%	1.4%
Previous	501.5	498.0	469.1	484.3	535.2	514.4	492.0	482.8	517.1	512.3	490.9	485.5	449.2	484.3	482.8	485.5	7.8%	-0.3%	0.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.5%	-2.8%	-2.1%	-1.5%	-1.0%	-0.8%	-0.8%	-0.7%	0.0%	0.0%	-1.5%	-0.7%			
U.S. Total Gasoline																			
Current	243.3	242.1	227.0	237.7	239.0	234.2	227.7	241.6	239.7	234.1	229.3	244.2	235.5	237.7	241.6	244.2	1.0%	1.6%	1.1%
Previous	243.3	242.1	227.0	237.7	239.7	233.9	227.7	241.6	239.8	234.1	229.3	244.2	235.5	237.7	241.6	244.2	1.0%	1.6%	1.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
U.S. Distillate Fuel Oil																			
Current	160.6	149.2	160.4	165.5	151.1	150.0	157.6	158.3	144.0	148.1	156.2	156.9	161.3	165.5	158.3	156.9	2.6%	-4.3%	-0.9%
Previous	160.6	149.2	160.4	165.5	152.1	155.2	161.7	161.9	147.2	151.4	159.3	159.9	161.3	165.5	161.9	159.9	2.6%	-2.2%	-1.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.6%	-3.4%	-2.5%	-2.2%	-2.2%	-2.2%	-2.0%	-1.8%	0.0%	0.0%	-2.2%	-1.8%			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/doi.gov/emeu/steo/pub/contents.html>)

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

Current Forecast: June 6, 2017; Previous Forecast: May 9, 2017

	2016				2017				2018				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2015	2016	2017	2018	2015-2016	2016-2017	2017-2018
U.S. Supply (billion cubic feet per day)																			
U.S. Total Marketed Production																			
Current	78.66	77.52	76.83	76.24	76.51	77.52	79.74	80.91	81.88	82.27	82.30	83.25	78.78	77.31	78.68	82.43	-1.9%	1.8%	4.8%
Previous	78.66	77.52	76.83	76.24	76.78	78.47	80.59	81.77	82.37	82.63	83.09	84.22	78.78	77.31	79.42	83.09	-1.9%	2.7%	4.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-1.2%	-1.1%	-1.1%	-0.6%	-0.4%	-1.0%	-1.2%	0.0%	0.0%	-0.9%	-0.8%			
U.S. Federal GOM Marketed Production																			
Current	3.48	3.34	3.24	3.35	3.35	3.33	3.21	3.22	3.35	3.33	3.21	3.22	3.53	3.35	3.28	3.28	-5.1%	-2.2%	0.1%
Previous	3.48	3.34	3.24	3.35	3.36	3.33	3.21	3.22	3.35	3.33	3.21	3.22	3.53	3.35	3.28	3.28	-5.1%	-2.1%	-0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%			
U.S. Lower 48 ex GOM Marketed Production																			
Current	74.20	73.32	72.72	71.85	72.16	73.35	75.76	76.75	77.52	78.09	78.31	79.10	74.30	73.02	74.52	78.26	-1.7%	2.1%	5.0%
Previous	74.20	73.32	72.72	71.85	72.41	74.31	76.61	77.62	78.02	78.46	79.11	80.07	74.30	73.02	75.26	78.92	-1.7%	3.1%	4.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-1.3%	-1.1%	-1.1%	-0.6%	-0.5%	-1.0%	-1.2%	0.0%	0.0%	-1.0%	-0.8%			
U.S. Pipeline Gross Imports																			
Current	8.1	7.8	8.1	7.8	8.8	8.1	8.1	7.9	9.0	8.2	8.6	8.5	7.2	8.0	8.2	8.6	10.6%	3.4%	4.0%
Previous	8.1	7.8	8.1	7.8	8.6	7.7	8.0	7.9	9.0	8.2	8.5	8.5	7.2	8.0	8.1	8.6	10.6%	1.3%	6.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	3.0%	4.8%	0.7%	0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	2.1%	0.1%			
U.S. LNG Gross Imports																			
Current	0.33	0.19	0.18	0.26	0.29	0.17	0.18	0.22	0.29	0.16	0.18	0.22	0.25	0.24	0.21	0.21	-3.7%	-12.3%	0.3%
Previous	0.33	0.19	0.18	0.26	0.31	0.17	0.18	0.22	0.26	0.16	0.18	0.22	0.25	0.24	0.22	0.21	-3.7%	-10.8%	-4.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-4.8%	0.0%	0.0%	0.0%	10.6%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.7%	3.3%			
U.S. Gross Exports																			
Current	5.78	5.96	6.50	7.05	8.85	8.29	8.40	9.18	10.42	9.43	9.69	10.53	4.89	6.33	8.68	10.02	29.5%	37.2%	15.4%
Previous	5.78	5.96	6.50	7.05	8.75	8.01	8.26	9.11	10.38	9.41	9.68	10.53	4.89	6.33	8.53	10.00	29.5%	34.9%	17.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.2%	3.5%	1.7%	0.8%	0.4%	0.2%	0.1%	0.1%	0.0%	0.0%	1.7%	0.2%			
U.S. Consumption (billion cubic feet per day)																			
U.S. Residential																			
Current	22.47	7.16	3.48	14.94	22.23	7.05	4.11	15.54	24.13	7.45	4.03	15.49	12.63	12.00	12.19	12.73	-5.0%	1.6%	4.4%
Previous	22.47	7.16	3.48	14.94	22.08	6.52	3.67	16.02	24.82	7.10	3.68	15.94	12.63	12.00	12.03	12.83	-5.0%	0.3%	6.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	8.1%	12.0%	-3.0%	-2.8%	4.9%	9.7%	-2.8%	0.0%	0.0%	1.3%	-0.8%			
U.S. Commercial																			
Current	13.42	5.99	4.56	10.21	13.44	5.80	4.52	10.57	14.69	6.06	4.56	10.64	8.76	8.54	8.56	8.96	-2.6%	0.3%	4.7%
Previous	13.42	5.99	4.56	10.21	13.35	5.75	4.58	10.59	14.72	6.13	4.60	10.59	8.76	8.54	8.55	8.99	-2.6%	0.1%	5.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.7%	0.9%	-1.3%	-0.2%	-0.2%	-1.0%	-0.9%	0.4%	0.0%	0.0%	0.2%	-0.2%			
U.S. Industrial																			
Current	22.45	20.03	20.07	21.84	22.85	20.42	20.29	21.92	23.54	21.07	20.74	22.57	20.64	21.10	21.37	21.97	2.2%	1.3%	2.8%
Previous	22.46	20.04	20.07	21.84	22.78	20.47	20.29	21.89	23.60	21.07	20.74	22.54	20.64	21.10	21.35	21.98	2.2%	1.2%	3.0%
Percent Change	-0.1%	-0.1%	0.0%	0.0%	0.3%	-0.2%	0.0%	0.1%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%			
U.S. Electric Power Sector																			
Current	24.17	27.45	34.91	22.54	20.63	24.82	31.40	23.01	22.86	25.72	31.67	23.35	26.34	27.28	24.99	25.92	3.6%	-8.4%	3.7%
Previous	24.17	27.45	34.91	22.54	20.78	25.05	31.64	22.99	22.38	25.67	32.52	23.46	26.34	27.28	25.14	26.03	3.6%	-7.8%	3.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.7%	-0.9%	-0.8%	0.1%	2.2%	0.2%	-2.6%	-0.5%	0.0%	0.0%	-0.6%	-0.4%			
U.S. Total Consumption																			
Current	89.13	66.64	69.07	75.70	85.58	64.09	66.51	77.61	92.21	66.68	67.45	78.87	74.65	75.12	73.41	76.24	0.6%	-2.3%	3.9%
Previous	89.15	66.66	69.07	75.70	85.43	63.80	66.37	78.08	92.48	66.32	68.01	79.39	74.65	75.13	73.38	76.49	0.6%	-2.3%	4.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.2%	0.5%	0.2%	-0.6%	-0.3%	0.5%	-0.8%	-0.6%	0.0%	0.0%	0.0%	-0.3%			
U.S. Working Gas in Storage (billion cubic feet)																			
Current	2,495	3,194	3,714	3,305	2,072	2,912	3,653	3,294	1,771	2,666	3,484	3,151	3,675	3,305	3,294	3,151	-10.1%	-0.3%	-4.3%
Previous	2,495	3,195	3,715	3,306	2,080	2,922	3,666	3,309	1,778	2,662	3,483	3,158	3,675	3,306	3,309	3,158	-10.1%	0.1%	-4.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.3%	-0.3%	-0.5%	-0.3%	0.1%	0.0%	-0.2%	0.0%	0.0%	-0.5%	-0.2%			
U.S. Balancing Item (billion cubic feet per day) (Consumption - Supply)																			
Current	-0.54	-0.18	0.91	-0.98	0.03	0.97	0.32	-0.71	0.13	0.99	0.71	-0.39	-0.75	-0.20	0.15	0.36			
Previous	-0.52	-0.15	0.91	-0.98	-0.22	-0.19	-0.76	-1.18	-0.25	0.08	0.45	-0.80	-0.75	-0.19	-0.59	-0.13			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.doe.gov/emeu/steo/pub/contents.html>)

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

Current Forecast: June 6, 2017; Previous Forecast: May 9, 2017

	2016				2017				2018				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2015	2016	2017	2018	2015-2016	2016-2017	2017-2018
U.S. Electricity Generation, All Sectors (thousand megawatthours per day)																			
U.S. Total Generation																			
Current	10,667	10,754	12,764	10,386	10,527	10,702	12,340	10,436	10,944	10,867	12,385	10,543	11,172	11,145	11,004	11,187	-0.2%	-1.3%	1.7%
Previous	10,667	10,754	12,764	10,386	10,474	10,749	12,363	10,443	10,999	10,871	12,422	10,564	11,172	11,145	11,011	11,216	-0.2%	-1.2%	1.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.5%	-0.4%	-0.2%	-0.1%	-0.5%	0.0%	-0.3%	-0.2%	0.0%	0.0%	-0.1%	-0.3%			
U.S. Coal																			
Current	3,059	2,967	4,202	3,317	3,250	2,985	4,060	3,293	3,483	3,093	4,013	3,285	3,705	3,388	3,399	3,469	-8.6%	0.3%	2.1%
Previous	3,059	2,967	4,202	3,317	3,213	3,013	4,008	3,313	3,608	3,063	3,943	3,285	3,705	3,388	3,389	3,475	-8.6%	0.0%	2.6%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.1%	-0.9%	1.3%	-0.6%	-3.5%	1.0%	1.8%	0.0%	0.0%	0.0%	0.3%	-0.2%			
U.S. Natural gas																			
Current	3,426	3,762	4,702	3,191	2,917	3,414	4,242	3,232	3,211	3,515	4,256	3,264	3,653	3,771	3,454	3,564	3.2%	-8.4%	3.2%
Previous	3,426	3,762	4,702	3,191	2,954	3,450	4,275	3,232	3,153	3,514	4,375	3,286	3,653	3,771	3,481	3,584	3.2%	-7.7%	3.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	-1.2%	-1.1%	-0.8%	0.0%	1.9%	0.0%	-2.7%	-0.7%	0.0%	0.0%	-0.8%	-0.6%			
U.S. Petroleum																			
Current	68	63	72	59	61	63	73	63	76	67	75	64	77	65	65	70	-15.6%	-0.8%	8.8%
Previous	68	63	72	59	62	64	73	63	76	67	76	64	77	65	66	71	-15.6%	0.5%	7.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.9%	-2.0%	-0.1%	-0.2%	-0.5%	0.7%	-0.3%	-0.1%	0.0%	0.0%	-1.2%	-0.1%			
U.S. Nuclear																			
Current	2,245	2,155	2,254	2,148	2,247	2,031	2,258	2,134	2,223	2,097	2,280	2,138	2,184	2,200	2,167	2,185	0.7%	-1.5%	0.8%
Previous	2,245	2,155	2,254	2,148	2,242	2,072	2,272	2,131	2,223	2,097	2,280	2,138	2,184	2,200	2,179	2,185	0.7%	-1.0%	0.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.3%	-2.0%	-0.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	0.0%			
U.S. Conventional Hydroelectric																			
Current	842	810	618	637	917	1,035	751	632	798	842	734	617	682	726	833	747	6.4%	14.7%	-10.3%
Previous	842	810	618	637	897	987	786	625	784	878	723	617	682	726	823	750	6.4%	13.3%	-8.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	2.2%	4.8%	-4.4%	1.1%	1.8%	-4.1%	1.4%	0.0%	0.0%	0.0%	1.2%	-0.4%			
U.S. Other Renewables																			
Current	962	937	868	988	1,077	1,116	897	1,029	1,092	1,191	968	1,119	809	939	1,029	1,092	16.1%	9.6%	6.1%
Previous	962	937	868	988	1,045	1,101	891	1,025	1,092	1,189	966	1,118	809	939	1,015	1,091	16.1%	8.1%	7.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	3.1%	1.4%	0.7%	0.3%	0.0%	0.2%	0.2%	0.1%	0.0%	0.0%	1.4%	0.1%			
U.S. Electricity Sales (million kilowatthours per day)																			
U.S. Residential																			
Current	3,810	3,373	4,771	3,421	3,704	3,381	4,506	3,454	4,053	3,401	4,503	3,498	3,847	3,845	3,762	3,864	0.0%	-2.2%	2.7%
Previous	3,810	3,373	4,771	3,421	3,703	3,388	4,527	3,458	4,067	3,411	4,530	3,513	3,847	3,845	3,771	3,881	0.0%	-1.9%	2.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.5%	-0.1%	-0.3%	-0.3%	-0.6%	-0.4%	0.0%	0.0%	-0.2%	-0.4%			
U.S. Commercial																			
Current	3,494	3,616	4,199	3,547	3,508	3,697	4,133	3,561	3,568	3,705	4,151	3,577	3,728	3,715	3,726	3,751	-0.4%	0.3%	0.7%
Previous	3,494	3,616	4,199	3,547	3,518	3,692	4,127	3,559	3,581	3,698	4,155	3,580	3,728	3,715	3,725	3,755	-0.4%	0.3%	0.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.2%	0.1%	-0.4%	0.2%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%			
U.S. Industrial																			
Current	2,480	2,575	2,697	2,480	2,493	2,683	2,755	2,514	2,508	2,698	2,767	2,525	2,703	2,558	2,611.66	2,625	-5.4%	2.1%	0.5%
Previous	2,480	2,575	2,697	2,480	2,516	2,681	2,756	2,513	2,531	2,696	2,767	2,525	2,703	2,558	2,617	2,630	-5.4%	2.3%	0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.9%	0.1%	0.0%	0.0%	-0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%			
U.S. Total																			
Current	9,805	9,584	11,688	9,469	9,726	9,783	11,416	9,550	10,153	9,826	11,444	9,622	10,299	10,139	10,122	10,263	-1.6%	-0.2%	1.4%
Previous	9,805	9,584	11,688	9,469	9,760	9,783	11,432	9,553	10,203	9,827	11,474	9,640	10,299	10,139	10,135	10,288	-1.6%	0.0%	1.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.1%	0.0%	-0.5%	0.0%	-0.3%	-0.2%	0.0%	0.0%	-0.1%	-0.2%			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia/doi.gov/emeu/steo/pub/contents.html>)

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

Current Forecast: June 6, 2017; Previous Forecast: May 9, 2017

	2016				2017				2018				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2015	2016	2017	2018	2015-2016	2016-2017	2017-2018
U.S. Coal (million short tons)																			
U.S. Production																			
Current	173.0	160.5	195.1	199.5	199.7	184.0	207.7	192.8	195.1	175.7	206.5	209.4	897	728	784	787	-18.8%	7.7%	0.3%
Previous	173.0	160.5	195.1	210.0	199.7	178.5	203.1	192.3	200.2	173.6	202.4	209.0	897	739	774	785	-17.6%	4.7%	1.5%
Percent Change	0.0%	0.0%	0.0%	-5.0%	0.0%	3.1%	2.3%	0.2%	-2.6%	1.2%	2.0%	0.2%	0.0%	-1.4%	1.4%	0.2%			
U.S. Exports																			
Current	14.2	14.2	12.6	19.3	22.3	19.8	15.6	14.0	15.2	16.1	14.5	15.5	74.0	60.3	71.6	61.3	-18.5%	18.9%	-14.4%
Previous	14.2	14.2	12.6	19.3	20.9	16.3	13.5	12.6	14.6	15.6	14.1	15.2	74.0	60.3	63.3	59.5	-18.5%	5.0%	-6.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	6.9%	21.6%	15.3%	10.6%	4.4%	2.9%	2.5%	2.3%	0.0%	0.0%	13.2%	3.0%			
U.S. Imports																			
Current	2.7	2.3	2.7	2.1	1.9	1.8	3.1	2.8	1.5	2.2	3.2	2.8	11.3	9.8	9.6	9.7	-13.0%	-3.0%	1.7%
Previous	2.7	2.3	2.7	2.1	2.3	2.3	3.2	2.8	1.5	2.2	3.2	2.8	11.3	9.8	10.7	9.7	-13.0%	8.3%	-8.7%
Percent Change	0.0%	0.0%	0.0%	0.0%	-17.9%	-22.4%	-4.2%	-1.2%	-0.5%	-0.1%	0.0%	0.0%	0.0%	0.0%	-10.4%	-0.1%			
U.S. Electric Power Demand																			
Current	152.2	147.2	210.3	167.6	160.6	147.7	202.9	165.7	168.5	152.4	200.6	165.6	738	677	677	687	-8.3%	-0.1%	1.5%
Previous	152.2	147.2	210.3	167.6	158.7	149.2	200.9	166.8	174.5	150.8	197.5	165.6	738	677	676	688	-8.3%	-0.2%	1.9%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.2%	-1.0%	1.0%	-0.7%	-3.5%	1.1%	1.6%	0.0%	0.0%	0.0%	0.2%	-0.2%			
U.S. Secondary Stocks																			
Current	198.4	189.2	164.0	169.6	171.4	166.5	150.3	154.0	154.4	152.7	138.7	154.9	202.6	169.6	154.0	154.9	-16.3%	-9.2%	0.6%
Previous	198.4	189.2	164.0	169.6	176.9	171.3	154.8	158.4	158.6	157.1	142.5	158.7	202.6	169.6	158.4	158.7	-16.3%	-6.6%	0.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	-3.1%	-2.8%	-2.9%	-2.8%	-2.7%	-2.7%	-2.7%	-2.4%	0.0%	0.0%	-2.8%	-2.4%			
U.S. Carbon Dioxide Emissions																			
Petroleum																			
Current	571.4	571.5	588.5	588.7	559.2	577.6	594.9	589.3	572.6	582.5	598.4	595.6	2,295	2,320	2,321	2,349	1.1%	0.0%	1.2%
Previous	571.4	571.5	588.5	588.7	561.0	578.4	594.8	589.5	572.9	582.5	598.2	594.2	2,295	2,320	2,324	2,348	1.1%	0.2%	1.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	-0.1%	0.1%			
Coal																			
Current	308.8	297.6	412.9	334.7	320.1	298.9	402.8	333.9	340.7	308.9	399.8	334.5	1480.2	1354.0	1355.7	1383.9	-8.5%	0.1%	2.1%
Previous	308.8	297.6	412.9	334.7	319.0	301.3	398.9	335.7	350.2	305.8	393.8	334.5	1480.2	1354.0	1354.9	1384.2	-8.5%	0.1%	2.2%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.3%	-0.8%	1.0%	-0.5%	-2.7%	1.0%	1.5%	0.0%	0.0%	0.0%	0.1%	0.0%			
Natural Gas																			
Current	439.0	327.3	342.9	376.0	415.0	314.7	330.2	385.6	449.1	327.4	334.9	391.9	1472.6	1485.1	1445.5	1503.3	0.9%	-2.7%	4.0%
Previous	439.2	327.0	342.8	376.0	414.7	313.0	329.5	388.0	450.7	325.3	337.6	394.5	1472.6	1485.1	1445.1	1508.1	0.9%	-2.7%	4.4%
Percent Change	-0.1%	0.1%	0.0%	0.0%	0.1%	0.6%	0.2%	-0.6%	-0.4%	0.6%	-0.8%	-0.7%	0.0%	0.0%	0.0%	-0.3%			
Total Fossil Fuel																			
Current	1319.1	1196.4	1344.3	1299.4	1294.3	1191.2	1328.0	1308.8	1362.3	1218.8	1333.1	1322.0	5,248	5,159	5,122	5,236	-1.7%	-0.7%	2.2%
Previous	1319.4	1196.1	1344.3	1299.4	1294.7	1192.7	1323.2	1313.1	1373.8	1213.6	1329.6	1323.2	5,248	5,159	5,124	5,240	-1.7%	-0.7%	2.3%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.4%	-0.3%	-0.8%	0.4%	0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%			

Source: Energy Information Administration, Short-Term Energy Outlook (<http://www.eia.doe.gov/emeu/steo/pub/contents.html>)

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

Current Forecast: June 6, 2017; Previous Forecast: May 9, 2017

	2016				2017				2018				Year				Growth Rate		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2015	2016	2017	2018	2015-2016	2016-2017	2017-2018
U.S. Renewable Energy Consumption, All Sectors (quadrillion btu)																			
U.S. Wind Power																			
Current	0.577	0.531	0.452	0.596	0.643	0.625	0.439	0.617	0.643	0.665	0.473	0.681	1.812	2.155	2.323	2.461	18.9%	7.8%	5.9%
Previous	0.577	0.531	0.452	0.596	0.621	0.622	0.439	0.616	0.644	0.664	0.472	0.680	1.812	2.155	2.298	2.459	18.9%	6.6%	7.0%
Percent Change	0.0%	0.0%	0.0%	0.0%	3.5%	0.4%	0.1%	0.1%	-0.2%	0.2%	0.2%	0.1%	0.0%	0.0%	1.1%	0.1%			
U.S. Wood Biomass																			
Current	0.496	0.477	0.495	0.492	0.487	0.480	0.496	0.489	0.486	0.474	0.499	0.493	2.071	1.959	1.952	1.952	-5.4%	-0.4%	0.0%
Previous	0.496	0.477	0.495	0.492	0.485	0.470	0.492	0.487	0.484	0.472	0.497	0.492	2.071	1.959	1.935	1.945	-5.4%	-1.2%	0.5%
Percent Change	0.0%	0.0%	0.0%	0.0%	0.4%	2.0%	0.8%	0.4%	0.5%	0.3%	0.3%	0.2%	0.0%	0.0%	0.9%	0.3%			
U.S. Solar Power																			
Current	0.110	0.166	0.183	0.128	0.139	0.246	0.244	0.161	0.177	0.294	0.295	0.191	0.426	0.587	0.790	0.957	37.7%	34.6%	21.2%
Previous	0.110	0.166	0.183	0.128	0.142	0.236	0.239	0.158	0.175	0.292	0.293	0.190	0.426	0.587	0.776	0.949	37.7%	32.2%	22.4%
Percent Change	0.0%	0.0%	0.0%	0.0%	-2.2%	4.1%	2.0%	1.8%	1.1%	0.7%	0.7%	0.9%	0.0%	0.0%	1.8%	0.8%			
U.S. Ethanol																			
Current	0.287	0.295	0.305	0.299	0.278	0.301	0.310	0.301	0.281	0.302	0.308	0.300	1.148	1.186	1.190	1.191	3.3%	0.3%	0.1%
Previous	0.287	0.295	0.305	0.299	0.278	0.300	0.310	0.300	0.281	0.302	0.308	0.299	1.148	1.186	1.188	1.190	3.3%	0.2%	0.1%
Percent Change	0.0%	0.0%	0.0%	0.0%	-0.3%	0.4%	-0.1%	0.5%	0.1%	0.0%	0.0%	0.3%	0.0%	0.0%	0.1%	0.1%			
U.S. Biodiesel																			
Current	0.051	0.066	0.088	0.084	0.051	0.072	0.086	0.090	0.069	0.076	0.088	0.089	0.215	0.289	0.299	0.323	34.4%	3.4%	7.8%
Previous	0.051	0.066	0.088	0.084	0.051	0.071	0.083	0.087	0.066	0.074	0.086	0.087	0.215	0.289	0.292	0.312	34.4%	1.1%	6.8%
Percent Change	0.0%	0.0%	0.0%	0.0%	1.1%	1.6%	3.0%	2.9%	3.8%	3.5%	3.1%	3.0%	0.0%	0.0%	2.3%	3.3%			
U.S. Renewable Electric Power Sector Generation Capacity (MW)																			
Wind Power																			
Current	73,363	74,245	74,799	81,269	82,969	83,431	84,591	87,727	87,846	89,269	90,258	101,715	72,500	81,269	87,727	101,715	12.1%	7.9%	15.9%
Previous	73,317	74,199	74,752	81,223	83,085	83,425	84,434	87,884	87,976	89,277	90,116	101,799	72,500	81,223	87,884	101,799	12.0%	8.2%	15.8%
Percent Change	0.1%	0.1%	0.1%	0.1%	-0.1%	0.0%	0.2%	-0.2%	-0.1%	0.0%	0.2%	-0.1%	0.0%	0.1%	-0.2%	-0.1%			
Wood Biomass																			
Current	3,167	3,167	3,149	3,156	3,139	3,189	3,189	3,189	3,189	3,283	3,283	3,283	3,185	3,156	3,189	3,283	-0.9%	1.1%	2.9%
Previous	3,067	3,069	3,051	3,058	3,058	3,100	3,100	3,100	3,100	3,194	3,194	3,194	3,185	3,058	3,100	3,194	-4.0%	1.4%	3.0%
Percent Change	3.2%	3.2%	3.2%	3.2%	2.6%	2.9%	2.9%	2.9%	2.9%	2.8%	2.8%	2.8%	0.0%	3.2%	2.9%	2.8%			
Solar Power																			
Current	14,220	15,017	17,450	21,444	22,222	23,580	24,349	28,768	29,376	30,044	30,491	31,745	13,604	21,444	28,768	31,745	57.6%	34.2%	10.3%
Previous	14,205	14,992	17,425	21,401	22,167	23,668	24,544	28,965	29,616	30,054	30,496	31,748	13,604	21,401	28,965	31,748	57.3%	35.3%	9.6%
Percent Change	0.1%	0.2%	0.1%	0.2%	0.2%	-0.4%	-0.8%	-0.7%	-0.8%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.7%	0.0%			

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