

Table 6. Industrial Sector Key Indicators and Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Value of Shipments (billion 2000 dollars)													
Manufacturing	4157	4225	4342	4443	4499	4559	4634	4738	4849	4961	5068	5188	5323
Nonmanufacturing	1494	1538	1557	1547	1556	1558	1578	1596	1610	1634	1659	1690	1730
Total	5651	5763	5899	5991	6055	6117	6213	6334	6459	6596	6727	6878	7053
Energy Prices (2005 dollars per million Btu)													
Liquefied Petroleum Gases	11.18	16.96	18.96	17.58	17.72	17.31	17.09	16.87	16.44	16.40	16.45	16.47	16.63
Motor Gasoline	14.98	16.63	19.00	20.76	20.99	20.80	20.55	20.57	20.83	21.19	21.42	22.11	22.37
Distillate Fuel Oil	10.99	13.08	15.14	15.50	14.80	14.63	14.94	15.23	15.13	15.43	15.71	16.13	16.59
Residual Fuel Oil	5.77	7.77	9.34	9.70	10.81	10.79	10.74	10.04	10.71	11.26	12.07	12.63	13.15
Petrochemical Feedstocks	13.75	8.30	7.35	10.45	9.16	9.74	9.68	10.21	10.45	10.92	11.00	11.13	11.47
Asphalt and Road Oil	10.05	6.06	5.37	9.61	9.81	9.83	9.94	10.18	10.50	10.76	11.35	11.63	11.95
Natural Gas Heat and Power	5.42	7.17	6.49	6.51	6.64	6.34	6.09	5.95	5.62	5.50	5.55	5.58	5.74
Natural Gas Feedstocks	7.16	8.81	8.10	8.11	8.31	7.97	7.73	7.57	7.21	7.12	7.16	7.19	7.33
Metallurgical Coal	2.31	3.06	3.25	3.30	3.30	3.19	3.11	3.01	2.91	2.81	2.77	2.74	2.75
Other Industrial Coal	1.80	2.15	2.20	2.24	2.26	2.26	2.30	2.31	2.30	2.28	2.28	2.28	2.29
Coal to Liquids	N/A	N/A	0.00	0.00	0.00	0.00	0.00	0.91	0.92	0.93	0.95	1.04	1.11
Electricity	15.88	16.69	18.25	18.79	19.04	18.99	18.64	18.07	17.68	17.34	17.33	17.31	17.55
Energy Consumption 1/ (quadrillion Btu)													
Industrial Consumption Excluding Refining													
Liquefied Petroleum Gases Heat and Power	0.13	0.13	0.12	0.11	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08
Liquefied Petroleum Gases Feedstocks	2.13	1.98	2.06	2.18	2.22	2.18	2.16	2.16	2.15	2.15	2.15	2.14	2.15
Motor Gasoline	0.32	0.32	0.32	0.32	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.32
Distillate Fuel Oil	1.21	1.22	1.30	1.24	1.21	1.18	1.16	1.16	1.16	1.16	1.16	1.16	1.17
Residual Fuel Oil	0.20	0.22	0.21	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.12	0.12	0.12
Petrochemical Feedstocks	1.54	1.38	1.32	1.42	1.47	1.46	1.47	1.47	1.47	1.46	1.46	1.46	1.46
Petroleum Coke	0.36	0.33	0.29	0.30	0.30	0.31	0.31	0.30	0.30	0.30	0.30	0.30	0.30
Asphalt and Road Oil	1.27	1.31	1.31	1.27	1.25	1.23	1.23	1.22	1.21	1.22	1.22	1.22	1.24
Miscellaneous Petroleum 2/ Petroleum Subtotal	0.55 7.72	0.59 7.48	0.53 7.46	0.49 7.48	0.48 7.49	0.45 7.36	0.43 7.30	0.40 7.25	0.38 7.19	0.36 7.17	0.35 7.15	0.33 7.14	0.33 7.16
Natural Gas Heat and Power	5.80	5.30	5.39	5.57	5.64	5.67	5.73	5.74	5.78	5.81	5.83	5.86	5.88
Natural Gas Feedstocks	0.60	0.57	0.58	0.59	0.58	0.58	0.58	0.58	0.57	0.57	0.57	0.56	0.56
Lease and Plant Fuel 3/ Natural Gas Subtotal	1.13 7.54	1.10 6.97	1.12 7.09	1.10 7.25	1.10 7.33	1.09 7.34	1.07 7.38	1.07 7.39	1.05 7.41	1.04 7.43	1.05 7.45	1.06 7.48	1.07 7.51
Metallurgical Coal and Coke 4/ Other Industrial Coal	0.79 1.30	0.66 1.23	0.72 1.22	0.65 1.24	0.63 1.25	0.62 1.25	0.61 1.25	0.60 1.24	0.59 1.24	0.58 1.24	0.58 1.23	0.57 1.23	0.57 1.23
Coal Subtotal	2.08	1.89	1.93	1.88	1.88	1.87	1.86	1.84	1.83	1.82	1.81	1.80	1.80
Renewables 5/ Purchased Electricity	1.70 3.34	1.44 3.35	1.57 3.35	1.58 3.39	1.58 3.41	1.57 3.39	1.58 3.40	1.60 3.41	1.62 3.43	1.63 3.45	1.65 3.47	1.67 3.49	1.70 3.51
Delivered Energy	22.38	21.14	21.40	21.59	21.69	21.53	21.52	21.49	21.47	21.50	21.53	21.59	21.68
Electricity Related Losses	7.39	7.31	7.29	7.38	7.36	7.33	7.36	7.37	7.39	7.40	7.42	7.44	7.47
Total	29.77	28.45	28.69	28.97	29.05	28.87	28.87	28.86	28.86	28.90	28.95	29.03	29.15
Refining Consumption 6/													
Liquefied Petroleum Gases Heat and Power	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Distillate Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residual Fuel Oil	0.01	0.01	0.01	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Petroleum Coke	0.57	0.56	0.58	0.60	0.59	0.57	0.57	0.58	0.59	0.59	0.59	0.59	0.61
Still Gas	1.74	1.62	1.68	1.53	1.49	1.50	1.55	1.56	1.53	1.61	1.62	1.63	1.61
Miscellaneous Petroleum 2/ Petroleum Subtotal	0.03 2.37	0.03 2.25	0.03 2.33	0.02 2.18	0.02 2.14	0.02 2.13	0.03 2.17	0.02 2.20	0.02 2.17	0.02 2.25	0.02 2.26	0.02 2.28	0.02 2.28
Natural Gas Heat and Power	1.04	0.97	0.99	1.09	1.11	1.22	1.22	1.27	1.34	1.25	1.24	1.24	1.28
Natural-Gas-to-Liquids Heat and Power Natural Gas Subtotal	0.00 1.04	0.00 0.97	0.00 0.99	0.00 1.09	0.00 1.11	0.00 1.22	0.00 1.22	0.00 1.27	0.00 1.34	0.00 1.25	0.00 1.24	0.00 1.24	0.00 1.28

Table 6. Industrial Sector Key Indicators and Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Other Industrial Coal	0.10	0.12	0.15	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.12	0.16	0.21	0.29	0.39
Coal Subtotal	0.10	0.12	0.15	0.11	0.11	0.11	0.11	0.20	0.23	0.27	0.33	0.40	0.50
Biofuels Heat and Coproducts	0.21	0.24	0.32	0.35	0.45	0.64	0.71	0.73	0.74	0.74	0.74	0.74	0.75
Purchased Electricity	0.13	0.13	0.14	0.17	0.16	0.17	0.18	0.19	0.19	0.19	0.19	0.19	0.19
Delivered Energy	3.86	3.72	3.93	3.89	3.98	4.28	4.40	4.58	4.66	4.70	4.77	4.85	5.00
Electricity Related Losses	0.29	0.29	0.30	0.36	0.36	0.38	0.40	0.40	0.41	0.41	0.41	0.41	0.41
Total	4.15	4.01	4.22	4.25	4.33	4.66	4.80	4.98	5.07	5.11	5.17	5.26	5.41
Total Industrial Sector Consumption													
Liquefied Petroleum Gases Heat and Power	0.14	0.15	0.13	0.11	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08
Liquefied Petroleum Gases Feedstocks	2.13	1.98	2.06	2.18	2.22	2.18	2.16	2.16	2.15	2.15	2.15	2.14	2.15
Motor Gasoline	0.32	0.32	0.32	0.32	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.32	0.32
Distillate Fuel Oil	1.21	1.23	1.30	1.24	1.21	1.18	1.16	1.16	1.16	1.16	1.16	1.16	1.17
Residual Fuel Oil	0.22	0.23	0.22	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.15	0.15	0.15
Petrochemical Feedstocks	1.54	1.38	1.32	1.42	1.47	1.46	1.47	1.47	1.47	1.46	1.46	1.46	1.46
Petroleum Coke	0.93	0.89	0.87	0.90	0.90	0.88	0.88	0.89	0.89	0.88	0.88	0.89	0.90
Asphalt and Road Oil	1.27	1.31	1.31	1.27	1.25	1.23	1.23	1.22	1.21	1.22	1.22	1.22	1.24
Still Gas	1.74	1.62	1.68	1.53	1.49	1.50	1.55	1.56	1.53	1.61	1.62	1.63	1.61
Miscellaneous Petroleum 2/ Petroleum Subtotal	0.59 10.09	0.62 9.73	0.57 9.79	0.51 9.66	0.50 9.63	0.47 9.49	0.45 9.47	0.43 9.45	0.40 9.36	0.38 9.43	0.37 9.42	0.36 9.42	0.35 9.44
Natural Gas Heat and Power	6.85	6.27	6.38	6.65	6.74	6.89	6.95	7.01	7.12	7.06	7.07	7.10	7.16
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas Feedstocks	0.60	0.57	0.58	0.59	0.58	0.58	0.58	0.58	0.57	0.57	0.57	0.56	0.56
Lease and Plant Fuel 3/ Natural Gas Subtotal	1.13 8.58	1.10 7.94	1.12 8.08	1.10 8.34	1.10 8.43	1.09 8.56	1.07 8.60	1.07 8.65	1.05 8.74	1.04 8.67	1.05 8.69	1.06 8.72	1.07 8.78
Metallurgical Coal and Coke 4/ Other Industrial Coal	0.79 1.40	0.66 1.35	0.72 1.37	0.65 1.35	0.63 1.37	0.62 1.37	0.61 1.37	0.60 1.36	0.59 1.35	0.58 1.35	0.58 1.35	0.57 1.35	0.57 1.35
Coal-to-Liquids Heat and Power Coal Subtotal	0.00 2.18	0.00 2.01	0.00 2.08	0.00 1.99	0.00 2.00	0.00 1.99	0.00 1.98	0.09 2.04	0.12 2.06	0.16 2.09	0.21 2.14	0.29 2.21	0.39 2.30
Biofuels Heat and Coproducts	0.21	0.24	0.32	0.35	0.45	0.64	0.71	0.73	0.74	0.74	0.74	0.74	0.75
Renewables 5/ Purchased Electricity	1.70 3.48	1.44 3.48	1.57 3.48	1.58 3.56	1.58 3.57	1.57 3.56	1.58 3.58	1.60 3.60	1.62 3.62	1.63 3.64	1.65 3.66	1.67 3.68	1.70 3.71
Delivered Energy	26.24	24.85	25.33	25.49	25.66	25.81	25.92	26.06	26.14	26.21	26.29	26.44	26.68
Electricity Related Losses	7.68	7.60	7.58	7.74	7.72	7.71	7.75	7.77	7.79	7.81	7.82	7.85	7.88
Total	33.92	32.45	32.91	33.22	33.38	33.52	33.67	33.84	33.93	34.02	34.12	34.29	34.56
Energy Consumption per dollar of Shipment 1/ (thousand Btu per 2000 dollar)													
Liquefied Petroleum Gases Heat and Power	0.02	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Liquefied Petroleum Gases Feedstocks	0.38	0.34	0.35	0.36	0.37	0.36	0.35	0.34	0.33	0.33	0.32	0.31	0.30
Motor Gasoline	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Distillate Fuel Oil	0.21	0.21	0.22	0.21	0.20	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17
Residual Fuel Oil	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02
Petrochemical Feedstocks	0.27	0.24	0.22	0.24	0.24	0.24	0.24	0.23	0.23	0.22	0.22	0.21	0.21
Petroleum Coke	0.17	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13
Asphalt and Road Oil	0.23	0.23	0.22	0.21	0.21	0.20	0.20	0.19	0.19	0.18	0.18	0.18	0.18
Still Gas	0.31	0.28	0.29	0.25	0.25	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23
Miscellaneous Petroleum 2/ Petroleum Subtotal	0.10 1.79	0.11 1.69	0.10 1.66	0.08 1.61	0.08 1.59	0.08 1.55	0.07 1.52	0.07 1.49	0.06 1.45	0.06 1.43	0.06 1.40	0.05 1.37	0.05 1.34
Natural Gas Heat and Power	1.21	1.09	1.08	1.11	1.11	1.13	1.12	1.11	1.10	1.07	1.05	1.03	1.01
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas Feedstocks	0.11	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.08
Lease and Plant Fuel 3/ Natural Gas Subtotal	0.20 1.52	0.19 1.38	0.19 1.37	0.18 1.39	0.18 1.39	0.18 1.40	0.17 1.38	0.17 1.37	0.16 1.35	0.16 1.31	0.16 1.29	0.15 1.27	0.15 1.25
Metallurgical Coal and Coke 4/ Total	0.14 33.92	0.11 32.45	0.12 32.91	0.11 33.22	0.10 33.38	0.10 33.52	0.10 33.67	0.09 33.84	0.09 33.93	0.09 34.02	0.09 34.12	0.08 34.29	0.08 34.56

Table 6. Industrial Sector Key Indicators and Consumption

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Other Industrial Coal	0.25	0.23	0.23	0.22	0.23	0.22	0.22	0.21	0.21	0.20	0.20	0.20	0.19
Coal-to-Liquids Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.03	0.04	0.05
Coal Subtotal	0.39	0.35	0.35	0.33	0.33	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.33
Biofuels Heat and Coproducts	0.04	0.04	0.05	0.06	0.07	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Renewables 5/	0.30	0.25	0.27	0.26	0.26	0.26	0.25	0.25	0.25	0.25	0.25	0.24	0.24
Purchased Electricity	0.61	0.60	0.59	0.59	0.59	0.58	0.58	0.57	0.56	0.55	0.54	0.53	0.53
Delivered Energy	4.64	4.31	4.29	4.25	4.24	4.22	4.17	4.11	4.05	3.97	3.91	3.84	3.78
Electricity Related Losses	1.36	1.32	1.29	1.29	1.27	1.26	1.25	1.23	1.21	1.18	1.16	1.14	1.12
Total	6.00	5.63	5.58	5.55	5.51	5.48	5.42	5.34	5.25	5.16	5.07	4.99	4.90
Total Industrial Combined Heat and Power Capacity (gigawatts)	26.31	25.53	25.96	27.69	28.31	28.67	29.09	30.64	31.52	32.50	33.72	35.07	36.76
Generation (billion kilowatthours)	153.21	143.13	143.44	158.08	162.85	165.55	168.66	180.61	187.21	194.55	203.89	214.24	227.23

Table 6. Industrial Sector Key Indicators and Consumption

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Value of Shipments (billion 2000 dollars)															
Manufacturing	5434	5546	5682	5824	5959	6111	6250	6403	6576	6744	6916	7090	7257	7432	2.3%
Nonmanufacturing	1765	1799	1834	1872	1893	1907	1923	1944	1974	2001	2019	2026	2041	2065	1.2%
Total	7199	7345	7517	7696	7852	8018	8173	8346	8550	8745	8936	9115	9298	9498	2.0%
Energy Prices (2005 dollars per million Btu)															
Liquefied Petroleum Gases	16.83	16.69	16.42	16.66	16.87	16.97	17.20	17.23	17.33	17.56	17.70	17.88	18.03	18.25	0.3%
Motor Gasoline	22.59	22.98	23.37	23.50	23.87	24.16	24.23	24.44	24.82	25.08	25.39	25.73	25.97	26.32	1.9%
Distillate Fuel Oil	16.81	17.18	17.12	17.30	17.44	17.53	17.50	17.75	17.94	17.99	18.12	18.45	18.47	18.79	1.5%
Residual Fuel Oil	13.45	13.66	13.87	14.15	14.22	14.32	14.52	14.71	14.90	15.02	15.10	15.30	15.25	15.36	2.8%
Petrochemical Feedstocks	11.53	11.45	12.26	12.53	12.77	13.42	13.54	14.26	12.84	13.23	14.54	14.69	14.84	15.00	2.4%
Asphalt and Road Oil	12.25	12.32	12.53	12.77	12.92	13.05	13.27	13.39	13.63	13.73	13.83	13.96	14.14	14.42	3.5%
Natural Gas Heat and Power	5.92	5.72	5.48	5.71	5.90	5.99	6.28	6.25	6.37	6.63	6.74	6.93	7.10	7.31	0.1%
Natural Gas Feedstocks	7.52	7.33	7.07	7.30	7.46	7.59	7.84	7.85	7.98	8.20	8.35	8.53	8.68	8.90	0.0%
Metallurgical Coal	2.75	2.76	2.76	2.76	2.78	2.80	2.81	2.81	2.80	2.78	2.75	2.75	2.76	2.78	-0.4%
Other Industrial Coal	2.29	2.29	2.29	2.32	2.34	2.36	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	0.5%
Coal to Liquids	1.19	1.25	1.31	1.42	1.53	1.57	1.59	1.61	1.67	1.68	1.73	1.74	1.77	1.78	N/A
Electricity	17.82	17.85	17.53	17.41	17.56	17.63	17.72	17.78	17.82	17.86	17.85	17.80	17.68	17.72	0.2%
Energy Consumption 1/ (quadrillion Btu)															
Industrial Consumption Excluding Refining															
Liquefied Petroleum Gases Heat and Power	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	-1.5%
Liquefied Petroleum Gases Feedstocks	2.14	2.14	2.15	2.17	2.17	2.18	2.19	2.20	2.21	2.23	2.24	2.26	2.28	2.29	0.6%
Motor Gasoline	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.35	0.3%
Distillate Fuel Oil	1.18	1.18	1.18	1.19	1.20	1.20	1.20	1.20	1.21	1.23	1.23	1.23	1.24	1.25	0.1%
Residual Fuel Oil	0.12	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.12	0.12	0.12	0.12	0.12	0.12	-2.3%
Petrochemical Feedstocks	1.46	1.46	1.47	1.48	1.48	1.48	1.48	1.49	1.49	1.50	1.50	1.51	1.52	1.53	0.4%
Petroleum Coke	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.0%
Asphalt and Road Oil	1.25	1.26	1.26	1.27	1.28	1.29	1.29	1.30	1.32	1.34	1.34	1.34	1.35	1.36	0.1%
Miscellaneous Petroleum 2/	0.32	0.31	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.32	0.32	0.33	0.33	0.34	-2.2%
Petroleum Subtotal	7.17	7.16	7.18	7.24	7.27	7.29	7.32	7.35	7.41	7.46	7.50	7.54	7.60	7.64	0.2%
Natural Gas Heat and Power	5.88	5.93	6.03	6.08	6.13	6.19	6.23	6.31	6.38	6.42	6.47	6.51	6.55	6.59	0.9%
Natural Gas Feedstocks	0.55	0.55	0.55	0.55	0.55	0.55	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	-0.1%
Lease and Plant Fuel 3/	1.07	1.11	1.15	1.19	1.20	1.19	1.19	1.19	1.19	1.19	1.18	1.18	1.18	1.18	0.3%
Natural Gas Subtotal	7.50	7.58	7.73	7.83	7.88	7.93	7.98	8.06	8.13	8.17	8.21	8.25	8.29	8.33	0.7%
Metallurgical Coal and Coke 4/	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57	0.57	0.57	-0.6%
Other Industrial Coal	1.23	1.22	1.22	1.23	1.23	1.23	1.23	1.23	1.24	1.24	1.24	1.25	1.25	1.25	0.1%
Coal Subtotal	1.79	1.78	1.78	1.79	1.79	1.79	1.79	1.80	1.81	1.81	1.81	1.82	1.82	1.82	-0.2%
Renewables 5/	1.72	1.73	1.76	1.78	1.80	1.82	1.85	1.87	1.90	1.93	1.95	1.97	2.00	2.02	1.4%
Purchased Electricity	3.52	3.53	3.57	3.61	3.64	3.67	3.70	3.73	3.78	3.82	3.86	3.91	3.95	4.00	0.7%
Delivered Energy	21.70	21.79	22.03	22.25	22.37	22.50	22.64	22.81	23.02	23.19	23.34	23.49	23.66	23.82	0.5%
Electricity Related Losses	7.48	7.47	7.50	7.54	7.52	7.54	7.55	7.58	7.62	7.64	7.67	7.71	7.73	7.77	0.2%
Total	29.18	29.26	29.53	29.79	29.89	30.04	30.19	30.39	30.64	30.83	31.02	31.20	31.39	31.59	0.4%
Refining Consumption 6/															
Liquefied Petroleum Gases Heat and Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Distillate Fuel Oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Residual Fuel Oil	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	3.7%
Petroleum Coke	0.61	0.62	0.63	0.63	0.63	0.64	0.66	0.66	0.67	0.68	0.69	0.70	0.71	0.72	1.0%
Still Gas	1.62	1.65	1.62	1.63	1.50	1.69	1.62	1.71	1.72	1.66	1.74	1.74	1.74	1.76	0.3%
Miscellaneous Petroleum 2/	0.02	0.03	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.6%
Petroleum Subtotal	2.29	2.33	2.31	2.32	2.19	2.38	2.34	2.43	2.45	2.40	2.49	2.51	2.52	2.55	0.5%
Natural Gas Heat and Power	1.27	1.23	1.28	1.29	1.47	1.23	1.34	1.24	1.24	1.33	1.25	1.26	1.29	1.27	1.1%
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Natural Gas Subtotal	1.27	1.23	1.28	1.44	1.62	1.38	1.49	1.39	1.39	1.48	1.40	1.41	1.44	1.42	1.5%

Table 6. Industrial Sector Key Indicators and Consumption

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Other Industrial Coal	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.0%
Coal-to-Liquids Heat and Power	0.52	0.70	0.94	1.26	1.67	1.89	2.15	2.29	2.52	2.66	3.01	3.06	3.39	3.49	N/A
Coal Subtotal	0.64	0.82	1.06	1.37	1.78	2.00	2.26	2.41	2.64	2.77	3.12	3.18	3.51	3.61	14.7%
Biofuels Heat and Coproducts	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.84	0.85	0.88	0.91	0.94	0.96	5.6%
Purchased Electricity	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.21	0.21	0.22	0.22	0.22	2.1%
Delivered Energy	5.15	5.34	5.61	6.11	6.58	6.77	7.10	7.25	7.52	7.72	8.10	8.22	8.61	8.75	3.5%
Electricity Related Losses	0.41	0.41	0.41	0.41	0.41	0.42	0.40	0.41	0.41	0.41	0.42	0.42	0.43	0.43	1.6%
Total	5.56	5.75	6.03	6.53	7.00	7.18	7.50	7.65	7.93	8.13	8.52	8.65	9.04	9.19	3.4%
Total Industrial Sector Consumption															
Liquefied Petroleum Gases Heat and Power	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	-1.9%
Liquefied Petroleum Gases Feedstocks	2.14	2.14	2.15	2.17	2.17	2.18	2.19	2.20	2.21	2.23	2.24	2.26	2.28	2.29	0.6%
Motor Gasoline	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34	0.34	0.34	0.34	0.35	0.3%
Distillate Fuel Oil	1.18	1.18	1.18	1.19	1.20	1.20	1.20	1.20	1.21	1.23	1.23	1.23	1.24	1.25	0.1%
Residual Fuel Oil	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	-1.6%
Petrochemical Feedstocks	1.46	1.46	1.47	1.48	1.48	1.48	1.48	1.49	1.49	1.50	1.50	1.51	1.52	1.53	0.4%
Petroleum Coke	0.91	0.91	0.93	0.93	0.93	0.94	0.96	0.97	0.98	0.99	1.01	1.02	1.03	1.04	0.6%
Asphalt and Road Oil	1.25	1.26	1.26	1.27	1.28	1.29	1.29	1.30	1.32	1.34	1.34	1.34	1.35	1.36	0.1%
Still Gas	1.62	1.65	1.62	1.63	1.50	1.69	1.62	1.71	1.72	1.66	1.74	1.74	1.74	1.76	0.3%
Miscellaneous Petroleum 2/	0.35	0.33	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.37	-2.0%
Petroleum Subtotal	9.46	9.49	9.50	9.56	9.46	9.67	9.66	9.78	9.86	9.86	10.00	10.05	10.11	10.19	0.2%
Natural Gas Heat and Power	7.16	7.16	7.31	7.37	7.60	7.42	7.57	7.55	7.62	7.76	7.72	7.78	7.84	7.86	0.9%
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	N/A
Natural Gas Feedstocks	0.55	0.55	0.55	0.55	0.55	0.55	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	-0.1%
Lease and Plant Fuel 3/	1.07	1.11	1.15	1.19	1.20	1.19	1.19	1.19	1.19	1.19	1.19	1.18	1.18	1.18	0.3%
Natural Gas Subtotal	8.78	8.82	9.01	9.12	9.35	9.16	9.32	9.29	9.37	9.50	9.46	9.52	9.58	9.60	0.8%
Metallurgical Coal and Coke 4/	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57	0.57	0.57	-0.6%
Other Industrial Coal	1.34	1.34	1.34	1.34	1.34	1.34	1.35	1.35	1.35	1.36	1.36	1.36	1.36	1.37	0.1%
Coal-to-Liquids Heat and Power	0.52	0.70	0.94	1.26	1.67	1.89	2.15	2.29	2.52	2.66	3.01	3.06	3.39	3.49	N/A
Coal Subtotal	2.43	2.60	2.84	3.16	3.57	3.79	4.06	4.21	4.44	4.58	4.94	5.00	5.33	5.43	4.1%
Biofuels Heat and Coproducts	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.84	0.85	0.88	0.91	0.94	0.96	5.6%
Renewables 5/	1.72	1.73	1.76	1.78	1.80	1.82	1.85	1.87	1.90	1.93	1.95	1.97	2.00	2.02	1.4%
Purchased Electricity	3.72	3.73	3.77	3.81	3.84	3.87	3.90	3.93	3.98	4.03	4.07	4.12	4.17	4.22	0.8%
Delivered Energy	26.85	27.13	27.64	28.36	28.96	29.27	29.74	30.06	30.54	30.91	31.44	31.71	32.27	32.57	1.1%
Electricity Related Losses	7.89	7.88	7.91	7.95	7.94	7.95	7.95	7.99	8.03	8.06	8.09	8.14	8.16	8.20	0.3%
Total	34.74	35.01	35.55	36.32	36.89	37.22	37.69	38.04	38.57	38.96	39.54	39.85	40.43	40.77	0.9%
Energy Consumption per dollar of Shipment 1 (thousand Btu per 2000 dollar)															
Liquefied Petroleum Gases Heat and Power	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-3.9%
Liquefied Petroleum Gases Feedstocks	0.30	0.29	0.29	0.28	0.28	0.27	0.27	0.26	0.26	0.25	0.25	0.25	0.24	0.24	-1.4%
Motor Gasoline	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-1.7%
Distillate Fuel Oil	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.13	0.13	-1.9%
Residual Fuel Oil	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	-3.5%
Petrochemical Feedstocks	0.20	0.20	0.20	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.16	0.16	-1.6%
Petroleum Coke	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	-1.4%
Asphalt and Road Oil	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.14	-1.8%
Still Gas	0.23	0.23	0.22	0.21	0.19	0.21	0.20	0.21	0.20	0.19	0.20	0.19	0.19	0.18	-1.7%
Miscellaneous Petroleum 2/	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	-4.0%
Petroleum Subtotal	1.31	1.29	1.26	1.24	1.21	1.21	1.18	1.17	1.15	1.13	1.12	1.10	1.09	1.07	-1.8%
Natural Gas Heat and Power	0.99	0.97	0.97	0.96	0.97	0.93	0.93	0.90	0.89	0.89	0.86	0.85	0.84	0.83	-1.1%
Natural-Gas-to-Liquids Heat and Power	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	N/A
Natural Gas Feedstocks	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	-2.1%
Lease and Plant Fuel 3/	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.13	0.13	0.13	0.12	-1.7%
Natural Gas Subtotal	1.22	1.20	1.20	1.20	1.21	1.16	1.16	1.13	1.11	1.10	1.08	1.06	1.05	1.03	-1.2%
Metallurgical Coal and Coke 4/	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	-2.5%

Table 6. Industrial Sector Key Indicators and Consumption

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Other Industrial Coal	0.19	0.18	0.18	0.17	0.17	0.17	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.14	-1.9%
Coal-to-Liquids Heat and Power	0.07	0.10	0.13	0.16	0.21	0.24	0.26	0.27	0.30	0.30	0.34	0.34	0.36	0.37	N/A
Coal Subtotal	0.34	0.35	0.38	0.41	0.45	0.47	0.50	0.50	0.52	0.52	0.55	0.55	0.57	0.57	2.0%
Biofuels Heat and Coproducts	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	3.5%
Renewables 5/	0.24	0.24	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.22	0.22	0.22	0.21	0.21	-0.6%
Purchased Electricity	0.52	0.51	0.50	0.50	0.49	0.48	0.48	0.47	0.47	0.46	0.46	0.45	0.45	0.44	-1.2%
Delivered Energy	3.73	3.69	3.68	3.68	3.69	3.65	3.64	3.60	3.57	3.53	3.52	3.48	3.47	3.43	-0.9%
Electricity Related Losses	1.10	1.07	1.05	1.03	1.01	0.99	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.86	-1.7%
Total	4.83	4.77	4.73	4.72	4.70	4.64	4.61	4.56	4.51	4.46	4.42	4.37	4.35	4.29	-1.1%
Total Industrial Combined Heat and Power Capacity (gigawatts)	38.94	41.64	45.13	49.47	54.94	58.11	62.02	64.25	67.52	69.54	74.13	75.15	79.41	80.89	4.7%
Generation (billion kilowatthours)	244.13	265.09	292.19	325.96	368.66	393.24	423.75	440.97	466.29	481.85	517.72	525.45	558.45	569.79	5.7%

Table 6. Industrial Sector Key Indicators and Consumption

1/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.

2/ Includes lubricants and miscellaneous petroleum products.

3/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.

4/ Includes net coal coke imports.

5/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.

6/ Includes energy consumed by petroleum, coal to liquids, and natural gas to liquids, and biofuel refiners. Excludes hydrogen production at refiners which is included in Industrial Consumption.

Btu = British thermal unit.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports.

Sources: 2004 and 2005 prices for motor gasoline and distillate fuel oil are based on: Energy Information Administration (EIA), Petroleum Marketing Annual 2005, DOE/EIA-0487(2005) (Washington, DC, August 2006). 2004 and 2005 coal prices are based on: EIA, Quarterly Coal Report, October-December 2005, DOE/EIA-0121(2005/4Q) (Washington, DC, March 2006) and EIA, AEO2007 National Energy Modeling System run aeo2007.d112106a. 2004 and 2005 electricity prices: Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 and 2005 natural gas prices are based on: EIA, Manufacturing Energy Consumption Survey 1994 and industrial and wellhead prices from the Natural Gas Annual 2004, DOE/EIA-0131(2004) (Washington, DC, December 2005) and the Natural Gas Monthly, DOE/EIA-0130(2006/04) (Washington, DC, April 2006). 2004 refining consumption values based on: Petroleum Supply Annual 2004, DOE/EIA-0340(2004)/1 (Washington, DC, June 2005). 2005 refining consumption values based on: Petroleum Supply Annual 2005, DOE/EIA-0340(2005)/1 (Washington, DC, October 2006). Other 2004 and 2005 consumption values are based on: EIA, Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 and 2005 shipments: Global Insight industry model, July 2005. Projections: EIA, AEO2007 National Energy Modeling System run hp2007.d112106a.